

Appendix C-2

Cut and Fill Report

Southwest Gulf Railroad

SDEIS

Medina County, Texas

Cut and Fill Volume Verification
Technical Memorandum

Prepared For

Surface Transportation Board

Section of Environmental Analysis

Prepared By

URS Corporation

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1.0 EXECUTIVE SUMMARY

The Section of Environmental Analysis (SEA)¹ conducted an independent verification of the cut and fill volumes submitted by Southwest Gulf Railroad Company (SGR) for the Proposed Route, Alternative 1, Alternative 2, Alternative 3, SGR's Modified Medina Dam Route, and the Eastern Bypass Route. (See Appendix A to this Technical Memorandum for a map of the alternatives and Appendices D and G for information submitted by SGR.) SEA verified the gross cut and fill volumes, floodplain cut and fill volumes, and net volumes (gross cut and fill volumes minus floodplain cut and fill volumes) provided by SGR.

Using the same criteria that SGR used to develop cut and fill estimates for the six other rail line alternatives,² SEA also developed cut and fill volumes for the MCEAA³ Medina Dam Alternative for comparison purposes.

SEA's results indicate that the methodology used by SGR for estimating the gross cut and fill volumes is in accordance with the accepted civil engineering practice of using the average end-area method process⁴ and an industry standard Computer-Aided Design and Drafting (CADD) package. SEA's verification process yielded essentially no discrepancies between

¹ URS Corporation (URS) is working as SEA's independent third-party contractor in this case, and has assisted in the preparation of the appropriate environmental documentation under SEA's supervision, direction, and control. In effect, URS has served as an extension of SEA's staff throughout the environmental review process. See 49 CFR 1105.4(j); Policy Statement on Use of Third-Party Contracting in Preparation of Environmental Documentation, 66 Fed. Reg. 16,975; and 40 CFR 1506.5(c). Thus, all references to work conducted by SEA in this document include work conducted by URS.

² SGR's basic design criteria is as follows: maximum gradient of 1%; design speed of 40 mph; right-of-way width of 80 feet; 1.5:1 cut slopes; 2:1 fill slopes; maximum curvature of 4 degrees; industrial track design and construction standards; 100-car trains consisting of aggregate hopper cars with three 2,500 to 3,000 horsepower diesel locomotives.

³ MCEAA is the acronym for the Medina County Environmental Action Association, which is the citizens' organization that proposed the MCEAA Medina Dam Alternative.

⁴ The average end-area method is based upon the use of cross sections to develop estimates of cut and fill earthwork volumes. The accuracy of this method is dependent upon the interval at which the cross sections are created. For this project, SGR created cross sections at

SEA's gross cut and fill numbers and SGR's gross cut and fill numbers for any of the six rail line alternatives examined by SGR.

SEA also calculated net cut and fill volumes, because SGR assumed stopping fill at the floodplain and using trestles to cross streams and only provided net earthwork volumes in its documentation. The results of SEA's verification of SGR's floodplain cut and fill volumes yielded some inconsistencies in the volumes derived from SGR's numbers, as discussed in more detail below, in Section 3.0.

SEA also calculated the lengths of the floodplain areas to be longer than SGR's calculations, due to differences of interpretation of the floodplain boundaries. Resolution of floodplain boundaries with SGR should make the earthwork volumes comparable.

Overall, however, SEA determined that the cut and fill estimates provided by SGR are reasonable, based on the preliminary level of planning and engineering that SGR has conducted to date. According to the cut and fill verification performed by SEA, Alternative 2 would require the least total volume of both gross and net cut and fill. The Proposed Route, however, would require less fill compared to the amount of cut, meaning that it would likely be the most desirable to build from a cut and fill standpoint, because removing soil is less costly than having to import and compact additional fill. After the Proposed Route and Alternative 2, Alternative 1 would be the next most desirable, based upon the gross volume of cut and fill, followed by the MCEAA Medina Dam Alternative, then Alternative 3, then the Eastern Bypass Route, and finally SGR's Modified Medina Dam Route.

SEA notes that because SGR has not yet developed final engineering plans for any of the alternative rail line alignments, the amount of cut and fill that would be needed to build any of these routes can only be approximated at this time.

50-foot intervals, which provides a reasonable degree of accuracy for calculating cut and fill volumes. End-areas are calculated by measuring the areas requiring cut or fill on each cross section. Volumes are developed by averaging the end-areas for consecutive cross sections and multiplying by the interval length (50 feet in this case) between those cross sections.

The following sections of this memorandum set forth the assumptions and methodology used by SEA to calculate the cut and fill volumes for each of the rail line alignments being studied, provide SEA's cut and fill estimates, and discuss SEA's results and conclusions.

2.0 ASSUMPTIONS AND METHODOLOGY

Assumptions

SEA used the same basic design criteria used by SGR in estimating the cut and fill volumes for all of the alternatives as follows:⁵

- Maximum gradient of 1.0%
- Design speed of 40 mph
- Right-of-way width of 80 feet
- 1.5:1 cut slopes
- 2:1 fill slopes
- Maximum curvature of 4 degrees
- Industrial track design and construction standards
- 100-car trains consisting of aggregate hopper cars with three 2,500 to 3,000 horsepower (hp) diesel locomotives.

Field Visit

SEA conducted a site visit on March 21 and 22, 2006, to verify actual field conditions. SEA also met with SGR engineer Ronny Gadban on March 21, 2006, and discussed the project elements to better understand the assumptions SGR had used for its cut and fill calculations and to ensure that the methodology that SEA would be employing for the cut and fill verification would be appropriate. Specific discussions were about the floodplain areas that SGR had excluded from its cut and fill calculations. On this visit, SGR provided the background image files (U.S. Geological Survey [USGS] map and aerial imagery) that SGR had used to develop its report. SGR also provided a CADD file of the floodplain boundary that had been included in its report.

⁵ These criteria are from the TRAX Engineering and Associates Report (#EI-28), SGR correspondence to SEA (#EI-1439 of 4-4-05 and #EI-1664 of 9-7-05), and SGR's response to operational related questions (#EI-1981).

During the site visit, SEA reviewed the seven alternative rail line alignments by driving the available roadways within the project limits. SEA made efforts to verify that the topography shown on the electronic USGS map provided by SGR was a reasonable representation of existing conditions. Attention was given to waterways, roadways, and homes. Because the MCEAA Medina Dam Alternative had been submitted to SEA on a hand drawn map, SEA's review of this route also noted sensitive elements, such as irrigation facilities for fields, and made minor adjustments to the alignment that would have typically been made during preliminary engineering. Following the field visit, SGR provided an Excel spreadsheet showing the limits of floodplain disturbance for each of the six routes it had examined and the associated volume of fill.

Methodology

SEA first obtained all electronic data (CADD) files from SGR, including the horizontal and vertical alignments and cross sections for all the alternatives examined by SGR, the topographic data used to represent existing ground and floodplain boundaries. SGR's CADD files also included average end-area earthwork calculations for each alternative.

SEA then manually measured the area of cuts and fills (end-areas) on a sample range of cross sections and compared that to SGR's data. This was done randomly for different ranges in each alternative. This step proved that the area computed by SGR for the average end-area calculations were indeed correct. SEA's next step was to verify that the cross sections used by SGR coordinated with SGR's proposed profiles for each of the six alternatives examined by SGR. This step showed that SGR's profiles were also correct.

The next sections of this report provide the step by step approach that SEA used to verify SGR's cut and fill calculations and to calculate the estimated cut and fill for the MCEAA Medina Dam Alternative, for comparison purposes.

2.1 Verification of Cut and Fill Volumes Provided by SGR

SEA recalculated cut and fill volume estimates for representative sample segments of the Proposed Route, Alternative 1, Alternative 2, Alternative 3, SGR's Modified Medina Dam

Route, and the Eastern Bypass Route, using SGR's data, specifically the alignment, profile, cross sections and existing ground surfaces data. SEA chose the sample segments based upon areas where the most cut and fill would likely be required. This step showed that SGR's volume calculations were correct. As an additional check following the sample segment verification, SEA calculated the total cut and fill volumes for the entire length of each alignment alternative using the average end-area method. SEA used AutoCad InRoads software to model the existing ground surface.⁶

SEA followed the steps outlined below for verification of the cut and fill volumes.

Step 1: SEA verified the same end areas (cross sections as used by SGR for the six alternatives and excluding the loading track) for the sample segments shown below:

- Proposed Route - Station 88+00 to Station 201+00;
- Alternative 1 - Station 20+00 to Station 51+00, Station 150+00 to Station 170+00, and Station 273+50 to Station 324+00;
- Alternative 2 - Station 20+00 to Station 50+00, and Station 65+00 to Station 140+00;
- Alternative 3 - Station 20+00 to Station 70+00, and Station 130+00 to Station 185+00;
- SGR's Modified Medina Dam Route - Station 320+00 to Station 425+00; and
- Eastern Bypass Route - Station 203+00 to 309+00.

Step 2: SGR had generated cross sections at every 50 feet for each alignment. For the representative sample station ranges, SEA verified the profile grade line (PGL) and existing ground elevations on 500-foot intervals using the profiles that had been generated by SGR (see Appendix B). SEA verified the PGL and existing

⁶ InRoads is used with basic CADD platforms such as AutoCad or Microstation. It provides enhanced computing capabilities in the area of roadway design, which can be utilized for railroad design. This software allows for the easy development of horizontal and vertical alignments as well as templates of the proposed typical track section. Cut and fill estimates can be developed from the computer models, which relate the alignment and template to existing ground.

ground elevations for the entire length of each alternative at 5,000-foot intervals using the profiles that had been generated by SGR (see Appendix C). SEA found no discrepancies in the PGLs. Exhibit 6 of the SGR report is shown in Appendix D and shows the proposed Plans, Profiles, and Cross Sections for each of the six rail line alternatives examined by SGR.

Step 3: To verify the earthwork volumes for the sample station ranges of the six rail routes, SEA used the average end-areas that had been generated by SGR. SEA transferred the SGR computer-aided design (CADD) format numbers to Excel format, and then calculated the average end-area volumes for the sample station ranges of each alternative. See Appendix G of this Technical Memorandum for the end-areas that had been generated by SGR and SEA's average end-area volume calculations.

The cut and fill volumes calculated by SGR are compared to the cut and fill volumes randomly selected and calculated by SEA in Table 1.

**Table 1. Cut and Fill Verification
Based on Sampling of Select Cut and Fill Areas**

Alignment	Station Range		SGR Volumes		SEA Volumes		Deviation %	
	Start to Finish		CY		CY			
			Cut	Fill	Cut	Fill	Cut	Fill
Proposed Route	88+00	201+00	228,421	63,499	228,421	63,499	0%	0%
Alternative 1	20+00	51+00	-	44,992	-	44,992	0%	0%
	150+00	170+00	-	63,268	-	63,268	0%	0%
	273+50	324+00	-	58,824	-	58,824	0%	0%
Alternative 2	20+00	50+00	26	220,272	26	220,272	0%	0%
	65+00	140+00	66,520	38,777	66,520	38,777	0%	0%
Alternative 3	20+00	70+00	-	304,736	-	304,736	0%	0%
	130+00	185+00	103,712	10,720	103,712	10,720	0%	0%
Modified Medina Dam Route	320+00	425+00	988,971	700,686	988,971	700,686	0%	0%
Eastern Bypass Route	203+00	309+00	556,654	-	556,654	-	0%	0%

CY - Cubic yard.
Data taken from SGR CADD files.

As shown in the table, no deviation between the cut and fill volumes calculated by SGR and those calculated by SEA were found for the sample station ranges.

Step 4: SEA then verified the cut and fill volumes for the entire length of each of the six SGR alternatives.

The cut and fill volumes calculated by SGR are compared to the cut and fill volumes calculated by SEA for the entire length of each alternative in Table 2.

Table 2. Gross Earthwork Verification

Alternative	Station Range		SGR Volumes*		SEA Volumes**		Deviation %	
	Start to Finish		CY		CY			
			Cut	Fill	Cut	Fill	Cut	Fill
Proposed Route	0+00	400+42.11	316,721	178,210	316,721	178,211	0.000%	-0.001%
Alternative 1	0+00	563+71.90	193,092	309,165	193,092	309,165	0.000%	0.000%
Alternative 2	0+00	382+11.29	101,613	333,436	101,614	333,436	-0.001%	0.000%
Alternative 3	0+00	491+22.69	177,583	520,566	177,584	520,567	-0.001%	0.000%
Modified Medina Dam Route	0+00	593+91.01	1,333,112	1,649,134	1,333,112	1,649,134	0.000%	0.000%
Eastern Bypass Route	0+00	476+00	834,106	446,529	834,107	446,529	0.000%	0.000%

* Data taken from SGR CADD files.

** Calculated using end areas from SGR CADD files.

Essentially, no deviations were found between the total cut and fill volumes calculated by SGR or SEA over the entire length of each of the six alternatives as any differences are due to rounding to whole cubic yard increments.

Step 5: SEA followed the steps outlined below for verification of the floodplain cut and fill volumes.

SEA measured the number of floodplain encroachment areas, their length, and the potential volume of cut and fills within the defined floodplain areas. This step was necessary, as SGR had excluded these volumes from its earthwork totals. SGR's calculations indicate that structures would be constructed to keep the track out of the 100-year floodplain. SEA obtained the floodplain volumes by overlaying each alignment on the floodplain boundaries. SEA used the Federal Emergency Management Agency (FEMA) 100-year floodplain map and floodplain boundaries provided by SGR to obtain a like comparison of the potential limits of impact. SEA determined, being as specific as possible, the stationing where the track alignment would cross into and out of the floodplains. Then SEA computed the earthwork volumes for those station ranges using the volumes from the verification step. SEA calculated these volumes in order to establish the floodplain earthwork volumes that SGR had excluded from its gross cut and fill volumes.

The floodplain limits of encroachment calculated by SEA from the SGR CADD files are shown in Table 3. Although SEA's calculations for the MCEAA Medina Dam Alternative are provided in the next section, SEA has included the floodplain limits of encroachment for this route in Table 3 as well, for comparison purposes.

Table 3. Floodplain Limits of Encroachment
(Calculated from SGR CADD files by SEA)

Alignment	Begin Station	End Station	Length (Ft)
Proposed	102+50	125+00	2250
	155+00	162+50	750
	199+00	213+50	1450
	365+50	400+42	3492
		Total:	7942
Alternative 1	158+50	170+00	1150
	221+00	235+50	1450
	268+50	293+00	2450
	440+50	489+00	4850
		Total:	9900
Alternative 2	36+00	46+50	1050
	125+50	137+50	1200
	170+50	187+50	1700
	332+50	382+00	4950
		Total:	8900

Table 3. Floodplain Limits of Encroachment (Continued)
(Calculated from SGR CADD files by SEA)

Alignment	Begin Station	End Station	Length (Ft)
Alternative 3		111+50	115+50
		120+50	132+50
		170+00	175+50
		212+00	239+00
		367+50	415+00
		Total:	9600
SGR's Modified Medina Dam Route		406+50	426+00
		444+00	459+00
		567+50	593+91
		Total:	6091
Eastern Bypass Route		317+00	339+50
		486+50	495+00
		Total:	3100
MCEAA Medina Dam Alternative		372+00	390+50
		424+00	434+50
		453+00	457+00
		535+00	543+34
		Total:	4134

Ft - Feet.

To maintain consistency with SGR's approach, SEA deducted the floodplain earthwork volumes from the gross earthwork volumes. Table 4 provides the station ranges, calculated by SGR, for specific crossings of the floodplain and the total crossing lengths of the floodplain for each alternative.

Table 4 - SGR Provided Floodplain Limits of Encroachment

Alignment	SGR		
	Begin Station	End Station	Length (Ft)
Proposed	110+00	125+00	1500
	200+00	214+00	1400
	365+00	400+00	3500
		Total:	6400
Alternative 1	160+00	170+00	1000
	220+00	235+00	1500
	270+00	293+00	2300
	450+00	490+00	4000
		Total:	8800

Table 4 - SGR Provided Floodplain Limits of Encroachment (Continued)

Alignment	SGR		
	Begin Station	End Station	Length (Ft)
Alternative 2	35+00	46+00	1100
	125+00	138+00	1300
	170+00	188+00	1800
	335+00	390+00	5500
		Total:	9700
Alternative 3	112+00	117+00	500
	121+00	134+00	1300
	170+00	175+00	500
	212+00	239+00	2700
	365+00	410+00	4500
		Total:	9500
SGR's Modified Medina Dam Route	395+00	398+00	300
	407+00	426+00	1900
	445+00	460+00	1500
	570+00	590+00	2000
		Total:	5700
Eastern Bypass Route	312+00	334+00	2200
	460+00	490+00	3000
		Total:	5200

Obvious differences exist between the lengths of the specific floodplain crossings calculated by SGR as compared to those calculated by SEA, even though the same FEMA 100-year floodplain map was used. The differences in cut and fill volumes resulted because the limits of the floodplain encroachment were interpreted differently. However, since SEA determined that the end-area calculations that SGR completed are correct, then the differences are strictly a matter of interpretation of the limits of each specific floodplain encroachment.

2.2 MCEAA Medina Dam Alternative

SEA developed an estimate of cut and fill volumes for the MCEAA Medina Dam Alternative using the same design specifications used by SGR for the other six rail alignments.

- Step 1: SEA plotted the proposed MCEAA Medina Dam Alternative alignment on topographic maps with 10-foot contours using base contour and aerial photograph files provided by SGR.
- Step 2: SEA then modeled the MCEAA Medina Dam Alternative horizontal and vertical alignments in AutoCad InRoads software to establish an estimate of cut and fill volumes.⁷ Because this alignment had been submitted to SEA on a hand drawn map, SEA made minor adjustments to this alignment, which would have typically been made during preliminary engineering, to minimize impacts to existing features, such as roadways, homes, and crop fields. SEA developed the vertical alignment to verify that the profile of the tracks was at-grade wherever it crossed roadways.
- Step 3: SEA next developed plan, profile, and cross-section drawings of the MCEAA Medina Dam Alternative showing the existing and proposed grades along the alignment starting at the Union Pacific (UP) connection and ending at the loading track area. See Appendix E of this Technical Memorandum for the plan and profile and cross-section drawings. SEA also developed, to the extent practical, an estimate of the number of potential bridge locations and stream crossings for this route. See Appendix F of this Technical Memorandum for the MCEAA Medina Dam Alternative Floodplain crossings.
- Step 4: SEA calculated the cut and fill volumes for the entire length of the MCEAA Medina Dam Alternative using the average end-area method (as used for the verification of the cut and fill volumes for the other six alternatives). SEA's earthwork calculations for the MCEAA Alternative are shown in Table 5.

⁷ As stated above, InRoads is a software package similar to that used by SGR, with both utilizing the average end-area method to develop earthwork volumes. Therefore, SEA believes that the use of this software enabled SEA to properly compare the cut and fill volumes of the MCEAA Medina Dam Alternative to the cut and fill volumes of the six-rail line alternatives examined by SGR. SEA's verification analysis of the other six alternatives using this software package showed no discrepancies between SEA's and SGR's earthwork volumes.

Table 3, above, includes SEA’s calculations for the floodplain limits of encroachment for this route. See Appendix H for SEA’s complete calculations of earthwork and floodplain end-areas and volumes for the MCEAA Medina Dam Alternative.

Table 5. SEA MCEAA Earthwork Calculations

Comparison Data / Alternative	SEA Cut and Fill Volume (CY)		SEA Cut and Fill Volume (CY)		SEA Cut and Fill Volume (CY)	
	Gross Earthwork+		Floodplain Earthwork++		Net Earthwork+++	
	Cut	Fill	Cut	Fill	Cut	Fill
MCEAA Medina Dam Alternative	263,520	339,606	7,980	14,259	255,540	325,347

Verification of SGR CADD files.

++ Calculation of volumes within areas of floodplain encroachment.

+++ Subtraction of Floodplain from Gross.

3.0 RESULTS

The results from SEA’s verification of the cut and fill volumes for the six rail line alternatives studied by SGR and SEA’s calculated cut and fill volumes for the MCEAA Medina Dam Alternative are presented below. Table 6 shows SEA’s cut and fill estimates for each of the seven rail line alternatives being studied in the environmental review process for this proceeding: the Proposed Route; Alternative 1; Alternative 2; Alternative 3; the Eastern Bypass Route; the MCEAA Medina Dam Alternative; and SGR’s Modified Medina Dam Route.

Table 6. SEA Net Earthwork Verification

Comparison Data / Alternative	SEA Cut and Fill Volume (CY)		SEA Cut and Fill Volume (CY)		SEA Cut and Fill Volume (CY)	
	Gross Earthwork+		Floodplain Earthwork++		Net Earthwork+++	
	Cut	Fill	Cut	Fill	Cut	Fill
Proposed Route	316,721	178,211	7,375	71,555	309,346	106,656
Alternative 1	193,092	309,165	133,607	116,354	59,485	192,811
Alternative 2	101,614	333,436	18,910	202,468	82,704	130,968
Alternative 3	177,584	520,567	17,241	94,772	160,343	425,795

Table 6. SEA Net Earthwork Verification (Continued)

Comparison Data / Alternative	SEA Cut and Fill Volume (CY)		SEA Cut and Fill Volume (CY)		SEA Cut and Fill Volume (CY)	
	Gross Earthwork+		Floodplain Earthwork++		Net Earthwork+++	
	Cut	Fill	Cut	Fill	Cut	Fill
SGR's Modified Medina Dam Route	1,333,112	1,649,134	0	587,138	1,333,112	1,061,996
Eastern Bypass Route	834,107	446,529	0	48,510	834,107	398,019
MCEAA Medina Dam Alternative	263,520	339,606	7,980	14,259	255,540	325,347

+ Verification of SGR CADD files addition.

++ Calculation of volumes within areas of floodplain encroachment.

+++ Subtraction of Floodplain from Gross.

The data shown in the table indicate that from a gross earthwork perspective as calculated by SEA, Alternative 2 would be the most economical as it would require the least amount of importing and exporting dirt (435,050 cubic yards of cut and fill total) to construct the track bed. The Proposed Route would be the second most economical with approximately 60,000 cubic yards of additional gross earthwork (494,932 cubic yards of cut and fill total).

From the standpoint of having to do less fill than cut (removing soil is less costly than having to import and compact additional fill), the Proposed Route would be the most economical (138,510 cubic yards more cut than fill of gross earthwork and 202,690 cubic yards more cut than fill of net earthwork).

The SGR cut and fill calculations for gross earthwork, floodplain earthwork, and net earthwork for the six alternatives studied by SGR are shown in Table 7.

Table 7. SGR Calculation of Floodplain Data

Comparison Data / Alternative	SGR Cut & Fill Volumes (CY)		SGR Project Cut & Fill Volumes (CY)		SGR Project Cut & Fill Volumes (CY)	
	Gross Earthwork*		Net Earthwork***		Calculated Floodplain Earthwork**	
	Cut	Fill	Cut	Fill	Cut	Fill
Proposed Route	316,721	178,210	316,721	101,973	-	76,237
Alternative 1	193,092	309,165	27,126	187,430	165,966	121,735
Alternative 2	101,613	333,436	101,613	123,775	-	209,661
Alternative 3	177,583	520,566	176,696	425,865	887	94,701
SGR's Modified Medina Dam Route	1,333,112	1,649,134	1,333,112	928,248	-	720,886
Eastern Bypass Route	834,106	446,529	834,106	445,533	-	996

* Data taken from SGR CADD files (verified by independent check).

** Subtracted Net from Gross (not computed by earthwork analysis).

*** Data taken from September 7, 2005 Memo to Victoria Rutson.

As with the SEA verification results, the data shown in the table indicate that from a gross earthwork perspective as calculated by SGR, Alternative 2 would be the most economical, as it would require the least amount of importing or exporting dirt to construct the track bed (435,049 cubic yards of cut and fill total). The Proposed Route would be the second most economical with approximately 60,000 cubic yards of additional earthwork (494,931 cubic yards of cut and fill total).

From the standpoint of having to do less fill than cut (removing soil is less costly than having to import and compact additional fill), the Proposed Route would be the most economical (138,511 cubic yards more cut than fill of gross earthwork and 214,748 cubic yards more cut than fill of net earthwork).

Floodplain Crossings

Table 8 shows a comparison of the floodplain cut and fill volumes calculated by SEA and by SGR. The first column of the table includes the volumes that SEA calculated from subtracting SGR's net earthwork volumes from SGR's gross earthwork volumes; the second column of the table shows the floodplain cut and fill volumes that SGR provided to SEA in

March 2006; and the third column of the table shows SEA's calculated cut and fill volumes, using SEA's interpretation of the floodplain encroachments for each alignment.

Table 8. Floodplain Calculation Comparisons

Comparison Data / Alternative	SGR Cut & Fill Volumes (CY)		SGR Cut & Fill Volumes (CY)		SEA Cut and Fill Volume (CY)	
	Calculated Floodplain Earthwork**		Provided Floodplain Earthwork****		Floodplain Earthwork++	
	Cut	Fill	Cut	Fill	Cut	Fill
Proposed Route	-	76,237	-	50,764	7,375	71,555
Alternative 1	165,966	121,735	-	104,477	133,607	116,354
Alternative 2	-	209,661	-	208,314	18,910	202,468
Alternative 3	887	94,701	-	87,610	17,241	94,772
SGR's Modified Medina Dam Route	-	720,886	-	466,917	-	587,138
Eastern Bypass Route	-	996	-	38,690	-	48,510
MCEAA Medina Dam Alternative	N/A	N/A	N/A	N/A	7,980	14,259

** Subtracted Net from Gross (not computed by earthwork analysis).

**** Data taken from spreadsheet provided by SGR via email on May 15, 2006.

++ Calculation of volumes within areas of floodplain encroachment from SGR CADD files.

The data shown in the table indicate that in regards to cut and fill, for the SEA calculated total volume of cut and fill earthwork, the MCEAA Alternative would have the most economical floodplain crossings, with 22,239 cubic yards of cut and fill total. The Eastern Bypass Route would be the second most economical with 48,510 cubic yards of cut and fill total.

For the SGR calculated volume of cut and fill earthwork, the Eastern Bypass Route appears to have the most economical cut and fill requirements for the floodplain crossings, with 996 cubic yards of fill. According to SGR's calculations, the Proposed Route would have the second most economical cut and fill requirements for the floodplain crossings, with 76,237 cubic yards of fill.

The difference between the cut and fill volumes calculated by SEA and SGR is primarily the result of individual interpretation of the floodplain limits and application of the cut volumes within the floodplain areas. From an environmental impact standpoint, the gross cut and fill

volumes are more indicative of the actual impact upon the environment as they reflect the total volume of earthwork that is required to be moved for a given alternative.

Additional Notes

SEA verified the cut and fill volumes provided by SGR and calculated the cut and fill volumes for the MCEAA Medina Dam Alternative, using the following route lengths:

- Proposed Route = 7.58 miles
- Alternative 1 = 9.25 miles
- Alternative 2 = 7.23 miles
- Alternative 3 = 7.90 miles
- Eastern Bypass Route = 9.39 miles
- MCEAA Medina Dam Alternative = 9.91 miles
- SGR's Modified Medina Dam Route = 11.24 miles

SEA determined the above route lengths for the six routes examined by SGR by using the starting and ending stationing contained in SGR's CADD files for each alternative, as provided by SGR in its cut and fill volume calculations. These lengths differ slightly from those calculated independently by SEA throughout the environmental review process. SEA's independent lengths were calculated through geographical information system (GIS) digitized alignment maps that were provided to SEA by SGR at the onset of the environmental review process. Aside from the analysis of the cut and fill volumes performed for this technical report, SEA has used the independently calculated lengths throughout this Supplemental Draft Environmental Impact Statement (SDEIS). These lengths are as follows:

- Proposed Route = 7.5 miles
- Alternative 1 = 9 miles
- Alternative 2 = 7 miles
- Alternative 3 = 7.5 miles
- Eastern Bypass Route = 9.2 miles

- MCEAA Medina Dam Alternative = 9.9 miles⁸
- SGR's Modified Medina Dam Route = 10.9 miles

Based on these slight differences in length and the use of the data in SGR's CADD files in computing the floodplain limits of encroachment, the floodplain encroachment numbers used by SEA for each alternative in the rest of the SDEIS are slightly different from the numbers used in this report. However, these differences do not affect SEA's conclusions in this report or the SDEIS.

Summary

The results show that the methodology used by SGR for the gross cut and fill volumes is in accordance with the accepted civil engineering practice of using the average end-area method process using an industry standard CADD package and that the verification process yielded essentially no discrepancies for any alternative.

SGR provided net earthwork volumes for each alignment. The net volume is simply the gross earthwork volume minus the volumes from the floodplain areas that were excluded. In order to develop net earthwork volumes, SEA calculated the amount of cut and fill within the floodplain encroachment areas. These volumes were taken from verified gross earthwork volumes. SEA's calculated floodplain volumes differed from the volumes derived from SGR's provided net earthwork numbers. These inconsistencies can be traced to two factors: SGR appears to have used different floodplain encroachment limits, which would impact the floodplain earthwork volumes; and, SGR did not include floodplain cut volumes for all of the alternatives.

⁸ As stated above, for the purposes of this cut and fill study, because the MCEAA Medina Dam Alternative was submitted to SEA on a hand drawn map, SEA made minor adjustments to this alignment, which would have typically been made during preliminary engineering. Therefore, the MCEAA Medina Dam alignment used for the cut and fill study also varies slightly from the MCEAA Medina alignment studied in the rest of the SDEIS.

4.0 CONCLUSIONS

SEA determined that the gross cut and fill estimates provided by SGR were calculated in accordance with accepted civil engineering practice and that they are reasonable. Based upon the cut and fill verification performed by SEA, Alternative 2 would require the least total volume of both gross and net cut and fill. The Proposed Route would require the second least volume of gross cut and fill, but would require less fill compared to the amount of cut. Based upon the gross volume of cut and fill, Alternative 1 would require the next least volume of cut and fill, followed by the MCEAA Medina Dam Alternative, then Alternative 3, then the Eastern Bypass Route, and finally SGR's Modified Medina Dam Route.

SGR followed standard practice in establishing earthwork volumes, and any differences in the overall total volumes are the result of differences in interpretations for the floodplain impact areas. Resolution of floodplain boundaries should make the floodplain volumes comparable. SEA notes that the cut and fill calculations are based on preliminary engineering data and SGR's proposal to stop fill at the floodplain; building track on a structure above the 100-year floodplain could result in bridges nearly one mile in length.

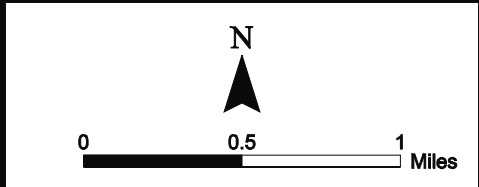
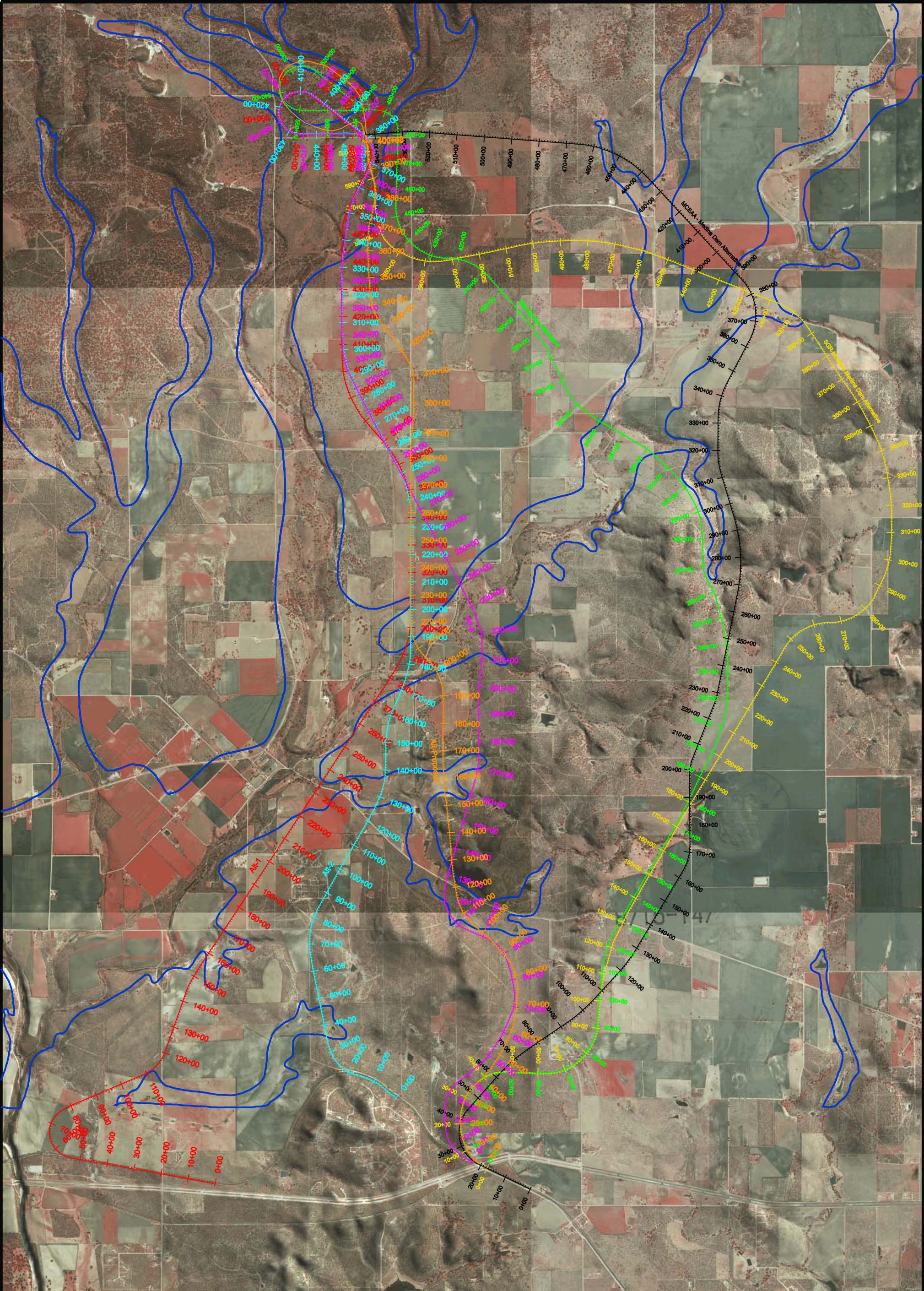
5.0 REFERENCES

SGR provided: data for aerial background mapping; USGS topography mapping; contour file representing existing terrain developed from USGS map; 100-year FEMA floodplain boundary; table of floodplain limits and volumes of fill for each of the six alternatives studied by SGR; CADD files for each of the six alternatives studied by SGR showing plan alignment, profile, cross sections and earthwork area and volume calculations.

Net Earthwork Volumes taken from Exhibit 1 in Steptoe and Johnson letter to Victoria Rutson on September 7, 2005. See Appendix B-1 of the SDEIS.

Typical Section for MCEAA alternative design taken from Exhibit 2 in Steptoe and Johnson letter to Victoria Rutson on September 7, 2005. See Appendix B-1 of the SDEIS.

Appendix A
Map of Alternatives



Legend			
	Alternative 1		Eastern Bypass Alternative
	Alternative 2		SGR Modified Medina Dam Route
	Alternative 3		MCEAA Medina Dam Alternative
	Proposed Route		

Appendix A

Southwest Gulf Railroad

Alternative Alignments

Figure 1

Appendix B

Verification of SGR Existing and Proposed Ground Elevations on 500-foot Interval Sample Range

Job Medina - SGR

Project No. _____

Page _____ of _____

Description Proposed Route

Computed by _____

Sheet 1 of 2500' Interval Sample Range Check

Checked by _____

Date _____

Date _____

<u>STA</u>	<u>From: X-SECTION</u>		<u>From: PROFILE</u>		Reference
	<u>EXIST</u>	<u>PROP</u>	<u>EXIST</u>	<u>PROP</u>	
90+00	934.88 ✓	927.34	934.88	927.34	
95+00	938.41 ✓	925.04	938.41	925.04	
100+00	917.76 ✓	922.74	917.76	922.74	
105+00	919.89 ✓	920.44	919.89	920.44	
110+00	907.82 ✓	918.15	907.82	918.15	
115+00	901.66 ✓	915.84	901.66	915.84	
120+00	905.40 ✓	913.54	905.40	913.54	
125+00	914.06 ✓	911.24	914.06	911.24	
130+00	934.31 ✓	908.94	934.31	908.94	
135+00	910.90 ✓	906.64	910.90	906.64	
140+00	930.53 ✓	904.34	930.53	904.34	
145+00	909.44 ✓	902.04	909.44	902.04	
150+00	903.71 ✓	899.74	903.71	899.74	
155+00	882.41 ✓	897.44	882.41	897.44	
160+00	879.90 ✓	895.14	879.90	895.14	
165+00	899.42 ✓	892.84	899.42	892.84	
170+00	930.65 ✓	890.54	930.65	890.54	

Job MEDINA - SGR Project No. _____ Page _____ of _____
 Description PROPOSED Route Computed by _____ Sheet 2 of 2
500' Interval Sample Range Check Checked by _____ Date _____
 Date _____

<u>STA</u>	From: <u>X-SECTION</u>		From: <u>PROFILE</u>		Reference
	<u>EXIST</u>	<u>PROP</u>	<u>EXIST</u>	<u>PROP</u>	
175+00	911.51	✓ 888.24	911.51	888.24	
180+00	904.23	✓ 885.94	904.23	885.94	
185+00	899.53	✓ 883.64	899.53	883.64	
190+00	892.85	✓ 881.34	892.86	881.34	
195+00	884.92	✓ 879.04	884.93	879.04	
200+00	877.74	✓ 876.74	877.74	876.74	

Job MADINA - SGR Project No. _____ Page _____ of _____
 Description ALTERNATIVE 1 Computed by _____ Sheet 1 of 2
500' Interval Sample Range Check Checked by _____ Date _____

STA	From: <u>X-SECTION</u>		From: <u>PROFILE</u>		Reference
	<u>EXIST</u>	<u>PROP</u>	<u>EXIST</u>	<u>PROP</u>	
25+00	832.42 ✓	842.38	832.42	842.38	
30+00	829.70 ✓	838.93	829.70	838.93	
35+00	824.17 ✓	835.48	824.17	835.48	
40+00	821.10 ✓	832.03	821.10	832.03	
45+00	819.94 ✓	828.58	819.94	828.58	
50+00	822.83 ✓	825.13	822.83	825.13	
155+00	852.00 ✓	860.00	852.00	860.00	
160+00	847.86 ✓	860.00	847.86	860.00	
165+00	832.59 ✓	860.00	832.59	860.00	
275+00	863.92 ✓	871.39	863.92	871.39	
280+00	857.71 ✓	872.79	857.71	872.79	
285+00	864.78 ✓	874.19	864.78	874.19	
290+00	871.01 ✓	875.59	871.01	875.59	
295+00	872.96 ✓	876.99	872.96	876.99	
300+00	874.10 ✓	878.39	874.10	878.39	
305+00	874.21 ✓	879.79	874.21	879.79	

Job MADINA - SGR Project No. _____ Page _____ of _____
 Description ALTERNATIVE 1 Computed by _____ Sheet 2 of 2
500' Interval Sample Range Check Checked by _____ Date _____

<u>STA</u>	<u>From: X-SECTION</u>		<u>From: PROFILE</u>		Reference
	<u>EXIST</u>	<u>PROP</u>	<u>EXIST</u>	<u>PROP</u>	
310+00	870.91	✓881.19	870.91	881.19	
315+00	876.13	✓882.59	876.13	882.59	
320+00	877.62	✓883.99	877.62	883.99	

Job MADINA-SGR Project No. _____ Page _____ of _____
 Description ALTERNATIVE 2 Computed by _____ Sheet 1 of 2
500' Interval - Sample Range Check Checked by _____ Date _____

<u>STA</u>	<u>FROM: X-SECTION</u>		<u>FROM: PROFILE</u>		<u>Reference</u>
	<u>EXIST</u>	<u>PROP</u>	<u>EXIST</u>	<u>PROP</u>	
25+00	901.04 ✓	913.95	901.07	913.95	
30+00	893.29 ✓	910.10	893.29	910.10	
35+00	872.96 ✓	906.25	872.96	906.25	
40+00	860.68 ✓	902.40	860.68	902.40	
45+00	865.67 ✓	898.55	865.67	898.55	
50+00	891.25 ✓	894.70	891.25	894.70	
55+00	891.50 ✓	892.75	891.60	892.75	
60+00	889.86 ✓	891.72	889.86	891.72	
65+00	895.83 ✓	890.77	895.83	890.77	
70+00	901.02 ✓	889.82	901.03	889.82	
75+00	904.46 ✓	888.87	904.46	888.87	
80+00	900.73 ✓	887.92	900.73	887.92	
85+00	894.28 ✓	886.97	894.28	886.97	
90+00	896.59 ✓	886.02	896.59	886.02	
95+00	894.17 ✓	885.07	894.17	885.07	
100+00	891.14 ✓	884.12	891.14	884.12	
105+00	884.26 ✓	883.17	884.26	883.17	

Job MADINA - SGR Project No. _____ Page _____ of _____
 Description ALTERNATIVE 2 Computed by _____ Sheet 2 of 2
500' Interval - Sample Range Check Checked by _____ Date _____
 Date _____

<u>STA</u>	<u>From: X-SECTION</u>		<u>From: PROFILE</u>		Reference
	<u>EXIST</u>	<u>PROP</u>	<u>EXIST</u>	<u>PROP</u>	
110+00	880.42	✓ 882.22	880.42	882.22	
115+00	884.17	✓ 881.27	884.17	881.27	
120+00	882.18	✓ 880.32	882.18	882.18	
125+00	868.36	✓ 879.37	868.35	879.37	
130+00	861.28	✓ 878.42	861.28	878.42	
135+00	868.49	✓ 877.47	868.49	877.47	

Job MEDINA

Project No. _____

Page _____ of _____

Description ALTERNATIVE 3

Computed by _____

Sheet 1 of 2

500' Interval - Sample Range Check

Checked by _____

Date _____

Date _____

<u>STA</u>	<u>FROM: X-SECTION</u>		<u>FROM: PROFILE</u>		Reference
	<u>EXIST</u>	<u>PROP</u>	<u>EXIST</u>	<u>PROP</u>	
25+00	941.30 ✓	968.32	941.30	968.32	
30+00	941.49 ✓	966.02	941.49	966.02	
35+00	932.86 ✓	963.72	932.86	963.72	
40+00	939.70 ✓	961.42	939.69	961.42	
45+00	937.54 ✓	959.12	937.54	959.12	
50+00	933.86 ✓	956.82	933.86	956.82	
55+00	931.81 ✓	954.52	931.81	954.52	
60+00	935.25 ✓	952.22	935.25	952.22	
65+00	938.79 ✓	949.92	938.79	949.92	
135+00	934.28 ✓	917.72	934.28	917.72	
140+00	921.70 ✓	915.42	921.72	915.42	
145+00	939.97 ✓	913.12	939.97	913.12	
150+00	915.55 ✓	910.82	915.55	910.82	
155+00	922.65 ✓	908.52	922.65	908.52	
160+00	903.27 ✓	906.22	903.31	906.22	
165+00	913.30 ✓	903.92	913.30	903.92	

Job MEDINA Project No. _____ Page _____ of _____
 Description ALTERNATIVE 3 Computed by _____ Sheet 2 of 2
500' Interval - Sample Range Check Checked by _____ Date _____

<u>STA</u>	<u>From: X-SECTION</u>		<u>From: PROFILE</u>		Reference
	<u>EXIST</u>	<u>PROP</u>	<u>EXIST</u>	<u>PROP</u>	
170+00	898.90	901.62	898.90	901.62	
175+00	905.20	899.32	905.20	899.32	
180+00	916.22	897.02	916.22	897.02	

Job MEDINA - SGR

Project No. _____

Page _____ of _____

Description EAST BYPASS

Computed by _____

Sheet 1 of 2

500' Interval - Sample Range Check

Checked by _____

Date _____

Date _____

FROM: X-SECTION

FROM: PROFILE

Reference

STA

EXIST PROP

EAST PROP

205+00

1021.16 ✓ 1016.55

1021.16 1016.55

210+00

1022.52 ✓ 1011.70

1022.52 1011.70

215+00

1022.05 ✓ 1006.85

1022.05 1006.85

220+00

1020.21 ✓ 1002.00

1020.21 1002.00

225+00

1020.51 ✓ 997.15

1020.51 997.15

230+00

1029.56 ✓ 992.30

1029.56 992.30

235+00

1026.94 ✓ 987.45

1026.94 987.45

240+00

1021.08 ✓ 982.60

1021.08 982.60

245+00

1010.51 ✓ 977.75

1010.51 977.75

250+00

995.61 ✓ 972.90

995.61 972.90

255+00

990.62 ✓ 968.05

990.62 968.05

260+00

983.18 ✓ 963.20

983.18 963.20

265+00

974.36 ✓ 958.35

974.36 958.35

270+00

968.40 ✓ 953.50

968.40 953.50

275+00

970.66 ✓ 948.65

970.67 948.65

280+00

974.56 ✓ 943.80

974.56 943.80

285+00

966.78 ✓ 938.95

966.77 938.95

Job MEDINA - SGR Project No. _____ Page _____ of _____
 Description EAST BYPASS Computed by _____ Sheet 2 of 2
500' Interval - Sample Range Check Checked by _____ Date _____
 Date _____

<u>STA</u>	From: <u>X-SECTION</u>		From: <u>PROFILE</u>		Reference
	<u>EXIST</u>	<u>PROP</u>	<u>EXIST</u>	<u>PROP</u>	
290+00	953.01 ✓	934.10	953.01	934.10	
295+00	944.82 ✓	929.25	944.82	929.25	
300+00	940.86 ✓	924.40	940.86	924.40	
305+00	930.67 ✓	919.55	930.67	919.55	

Job MEDINA - SGR Project No. _____ Page _____ of _____
 Description MODIFIED DAM Computed by _____ Sheet 1 of 2
500' Interval - Sample Range Check Checked by _____ Date _____
 Date _____

STA	From: <u>X-SECTION</u>		From: <u>PROFILE</u>		Reference
	EXIST	PROP	EXIST	PROP	
325+00	1040.00	✓ 1001.16	1040.00	1001.16	
330+00	1040.00	✓ 998.63	1040.00	998.63	
335+00	1040.00	✓ 996.10	1040.00	996.10	
340+00	1040.00	✓ 993.57	1040.00	993.57	
345+00	1040.00	✓ 991.04	1040.00	991.04	
350+00	1040.00	✓ 988.51	1040.00	988.51	
355+00	1040.00	✓ 985.98	1040.00	985.98	
360+00	1040.00	✓ 983.45	1040.00	983.45	
365+00	1040.00	✓ 980.92	1040.00	980.92	
370+00	1031.49	✓ 978.43	1031.50	978.43	
375+00	1003.25	✓ 976.68	1003.25	976.68	
380+00	974.24	✓ 974.50	974.24	974.50	
385+00	952.12	✓ 972.32	952.12	972.32	
390+00	937.40	✓ 970.14	937.40	970.14	
395+00	929.60	✓ 967.96	929.60	967.96	
400+00	923.36	✓ 965.78	923.36	965.78	
405+00	920.24	✓ 963.59	920.24	963.59	

Job MEDINA - SGR Project No. _____ Page _____ of _____
 Description MODIFIED DAM Computed by _____ Sheet 2 of 2
500' Interval - Sample Range Check Checked by _____ Date _____

<u>STA</u>	<u>FROM: X-SECTION</u>		<u>FROM: PROFILE</u>		Reference
	<u>EXIST</u>	<u>PROP</u>	<u>EXIST</u>	<u>PROP</u>	
410+00	916.03	✓ 961.41	916.03	961.41	
415+00	912.35	✓ 959.23	912.35	959.23	
420+00	910.00	✓ 957.05	910.00	957.05	

Appendix C

Verification of SGR Existing and Proposed Ground Elevations on 5000-foot
Interval for Entire Alignment

Job Medina - SGR
 Description Proposed Route
5000' Interval - Entire Align Check
From: X-SECTION

Project No. _____
 Computed by _____
 Checked by _____

Page 1 of 1
 Sheet _____ of _____
 Date _____
 Date _____

Reference

STA	EXIST	PROP	EXIST	PROP
1+00	981.58 ✓ -0.02	980.41 ✓	981.58	980.41
50+00	941.46 ✓ -0.04	947.58	941.46	947.58
100+00	917.76 ✓ -0.04	922.74	917.76	922.74
150+00	903.70 ✓	899.74	903.71	899.74
200+00	877.74 ✓ +0.04	876.74	877.74	876.74
250+00	879.61 ✓ +0.01	886.33	879.61	886.33
300+00	900.93 ✓ +0.03	903.83	900.93	903.83
350+00	925.85 ✓ -0.05	919.37	925.85	919.37
400+00	931.48 ✓ -0.02	931.37	931.48	931.37

Job MEDINA - SGR

Project No. _____

Sheet _____ of _____

Description ALT 1

Computed by _____

Date _____

5000' Interval - Entire Align Check

Checked by _____

Date _____

FROM: X-SECTIONFROM: PROFILE

Reference

STAEXISTPROPEXISTPROP

1+00

859.10 ✓ 858.92
-0.02

859.10 858.94

50+00

822.83 ✓ 825.13

822.83 825.13

100+00

843.50 ✓ 841.15

843.50 841.15

150+00

854.10 ✓ 860.00

854.08 860.00

200+00

862.00 ✓ 860.64

861.98 860.64

250+00

864.96 ✓ 864.39
-0.04

864.96 864.39

300+00

874.15 ✓ 878.39
+0.05

874.10 878.39

350+00

888.32 ✓ 892.39
+0.02

888.32 892.39

400+00

903.85 ✓ 906.39
+0.05

903.85 906.39

450+00

919.29 ✓ 920.39
-0.01

919.29 920.39

500+00

946.08 ✓ 931.13
-0.02

946.08 931.13

550+00

938.26 ✓ 931.13
-0.04

938.26 931.13

Job MEDINA-SGR

Project No. _____

Sheet _____ of _____

Description ALT 2

Computed by _____

Date _____

5000' Interval - Entire Align Check

Checked by _____

Date _____

STA	FROM: X-SECTION		FROM: PROFILE		Reference
	EXIST	PROP	EXIST	PROP	
1400	933.72 +0.02	✓ 932.43	933.72	932.43	
50+00	891.25 +0.05	✓ 894.70	891.25	894.70	
100+00	891.14 +0.04	✓ 884.12	891.14	884.12	
150+00	877.09 +0.01	✓ 874.62	877.09	874.62	
200+00	873.03 +0.03	✓ 878.11	873.03	878.11	
250+00	888.08 -0.02	✓ 892.61	888.08	892.61	
300+00	906.40	✓ 907.11	906.40	907.11	
350+00	920.05 -0.05	✓ 921.61	920.05	921.61	

Job Medina

Project No. _____

Page 1 of 1

Description Alternative 3

Computed by _____

Sheet _____ of _____

5000' Interval - Entire Align Check

Checked by _____

Date _____

Date _____

FROM: X-SECTION

FROM: PROFILE

Reference

STA

EXIST

PROP

EXIST

PROP

1+00

977.29 ✓ 979.36
-0.01

977.29 979.36

50+00

933.86 ✓ 956.82
-0.04

933.86 956.82

100+00

924.15 ✓ 933.82
-0.05

924.15 933.82

150+00

915.55 ✓ 910.82
+0.05

915.55 910.82

200+00

896.59 ✓ 887.82
-0.01

896.59 887.82

250+00

888.44 ✓ 883.93
+0.04

888.44 883.93

300+00

893.35 ✓ 897.93
+0.05

893.35 897.93

350+00

913.81 ✓ 911.93
+0.01

913.81 911.93

400+00

929.13 ✓ 925.93
+0.03

929.13 925.93

450+00

947.47 ✓
-0.03

947.47

Job MEDINA Project No. _____ Sheet _____ of _____

Description EAST BYPASS Computed by _____ Date _____

5000' Interval - Entire Align Check Checked by _____ Date _____

STA	FROM: <u>X-SECTION</u>		FROM: <u>PROFILE</u>		Reference
	EXIST	PROP	EXIST	PROP	
1+00	981.31 ✓ +0.01	981.08	981.31	981.08	
50+00	964.10 ✓	981.08	964.10	981.08	
100+00	999.34 ✓ +0.04	992.83	999.34	992.83	
150+00	993.65 ✓ -0.05	1006.33	993.65	1006.33	
200+00	1019.20 ✓	1019.83	1019.20	1019.83	
250+00	995.61 ✓ +0.01	972.90	995.61	972.90	
300+00	940.86 ✓ -0.04	924.40	940.86	924.40	
350+00	911.30 ✓	909.78	911.30	909.78	
400+00	931.95 ✓ +0.05	924.78	931.95	924.78	
450+00	951.35 ✓ -0.05	939.78	951.35	939.78	

Job Medina - SGR

Project No. _____

Sheet _____ of _____

Description Modified Dam

Computed by _____

Date _____

5000' Interval - Entire Align Check

Checked by _____

Date _____

STA

From: X-SECTION
EXIST PROP

From: PROFILE Reference
EXIST PROP

1+00

989.77 ✓ 980.34
-0.03

989.77 980.34

50+00

963.22 ✓ 974.19
+0.02

963.22 964.19

100+00

990.00 ✓ 1001.51

990.00 1001.51

150+00

991.02 ✓ 1006.61
+0.02

991.02 1006.61

200+00

1017.73 ✓ 1018.11
+0.03

1017.73 1018.11

250+00

1030.00 ✓ 1029.61

1030.00 1029.61

300+00

1040.00 ✓ 1013.82

1040.00 1013.81

350+00

1040.00 ✓ 988.51

1040.00 988.51

400+00

923.36 ✓ 965.78
-0.04

923.36 965.78

450+00

910.00 ✓ 943.96

910.00 943.96

500+00

940.00 ✓ 936.73

940.00 936.73

550+00

946.73 ✓ 948.85
+0.03

946.73 948.85

Appendix D

SGR's Plans, Profiles, and Cross Sections

Southwest Gulf Railroad Company

Preliminary Proposed and Alternative Rail Routes Data

Medina County, Texas

Southwest Gulf Railroad Company

Preliminary Proposed and Alternative Rail Routes Data

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Aerial Photo – 1,000' Stations

USGS Quad Map – Stationing and Top of Rail Bed Profile

Cross Sections

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Alternative 2

Aerial Photo – 1,000' Stations

USGS Quad Map – Stationing and Top of Rail Bed Profile

Cross Sections

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Alternative 3

Aerial Photo – 1,000' Stations

USGS Quad Map – Stationing and Top of Rail Bed Profile

Cross Sections

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Modified Medina Dam Route

Aerial Photo – 1,000' Stations

USGS Quad Map – Stationing and Top of Rail Bed Profile

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Eastern Bypass Route

Aerial Photo – 1,000' Stations

USGS Quad Map – Stationing and Top of Rail Bed Profile

Cross Sections

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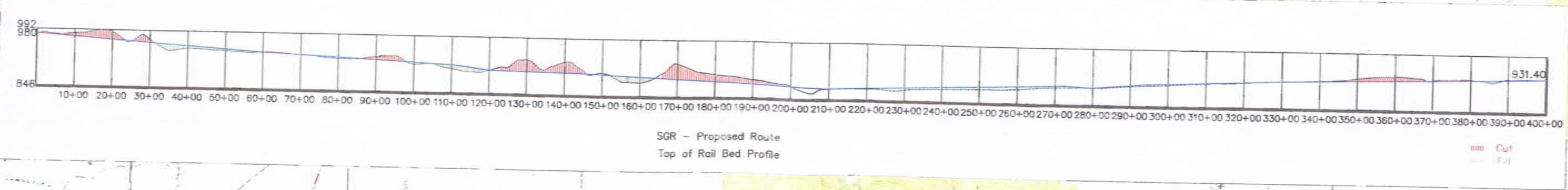
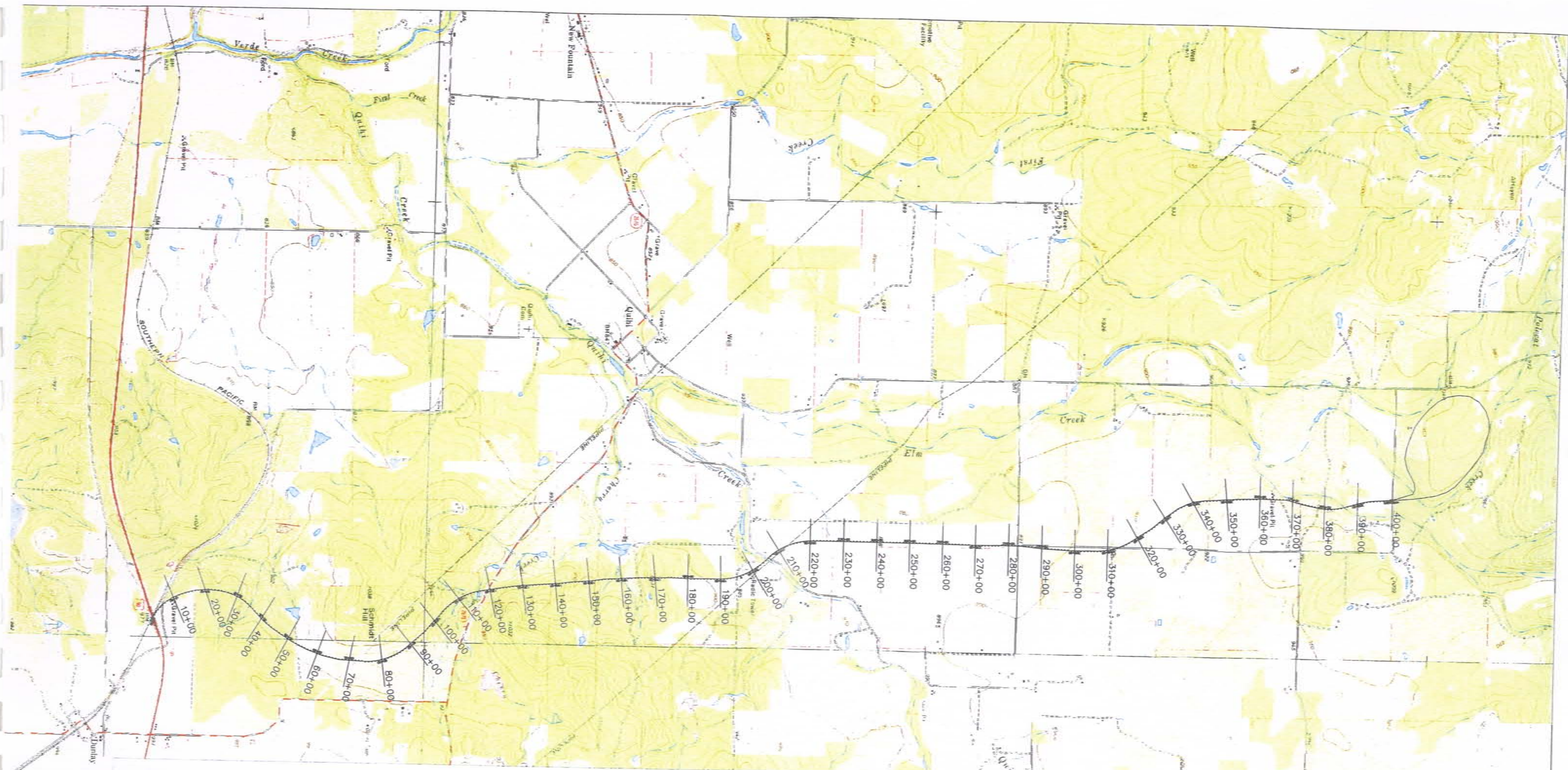
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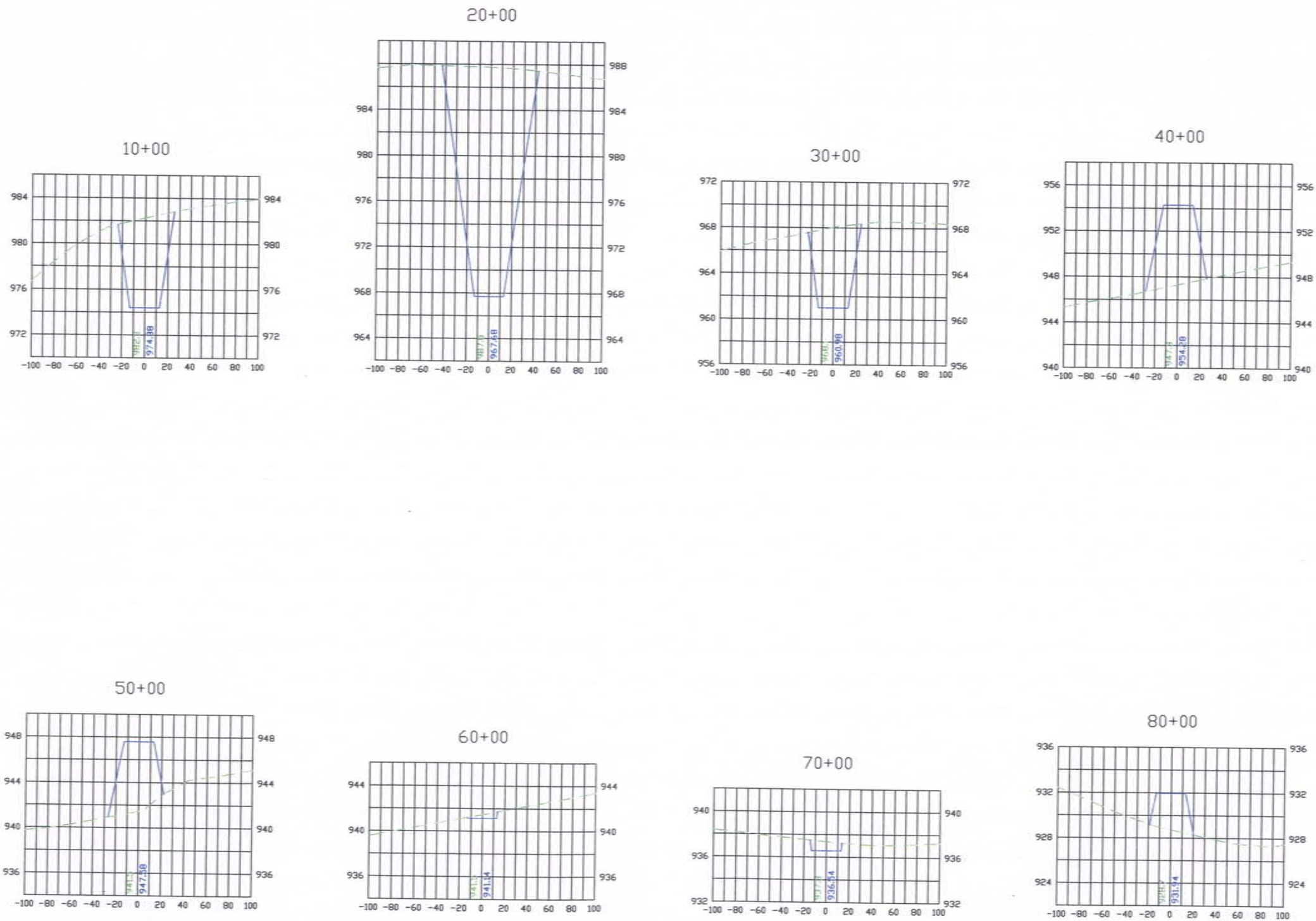
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SGR - Proposed Route

8/15-147





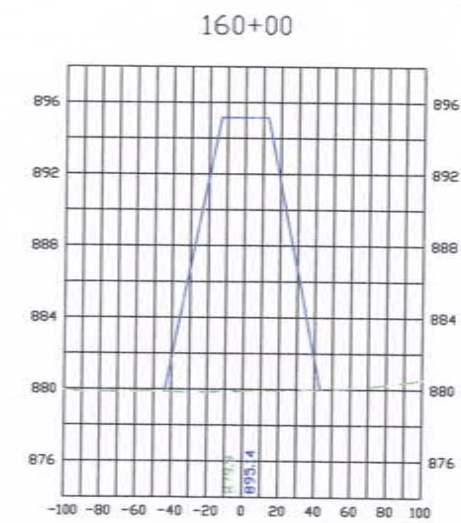
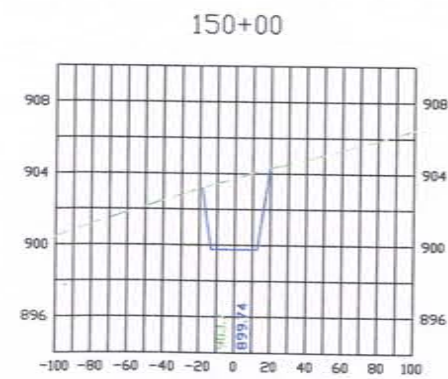
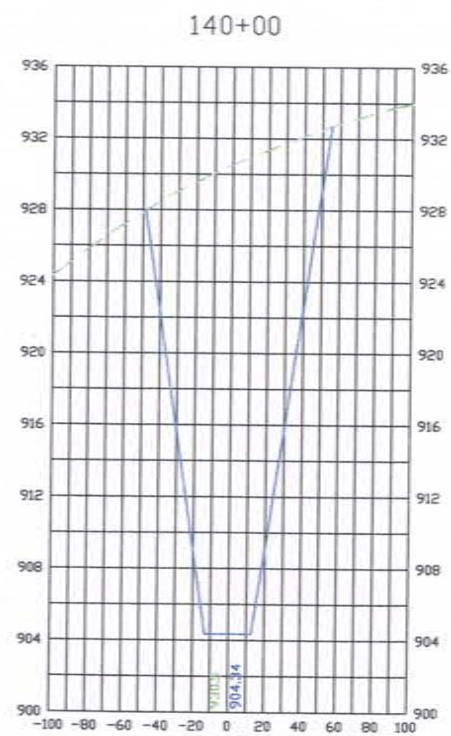
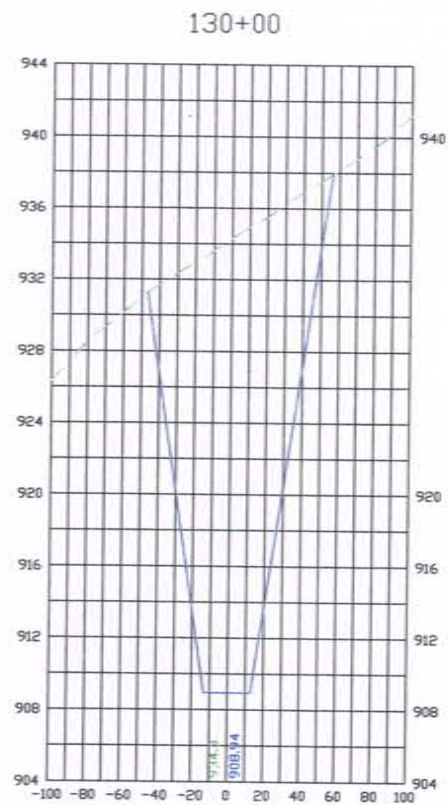
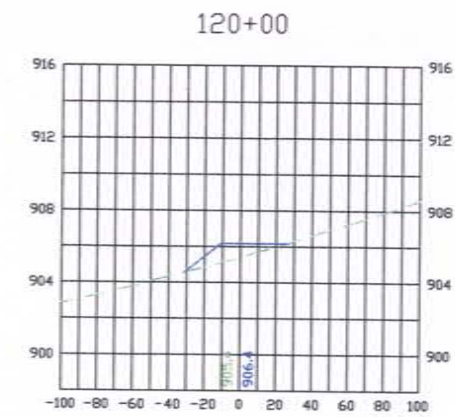
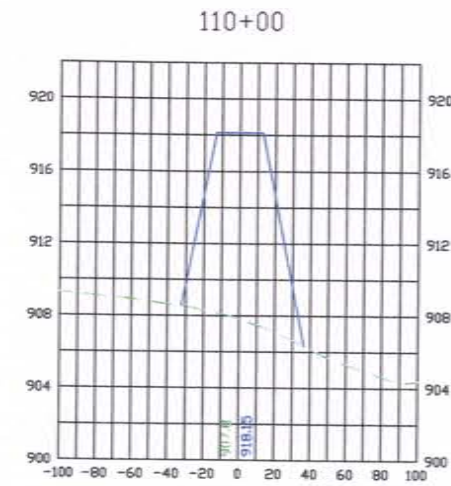
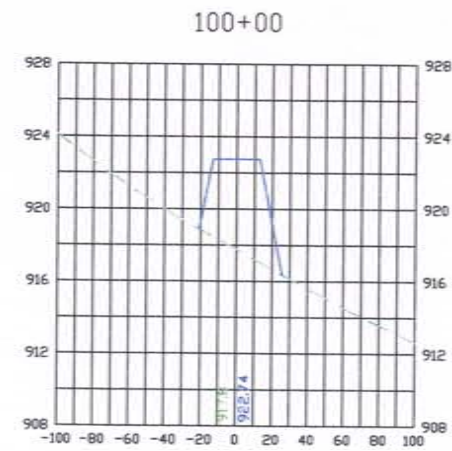
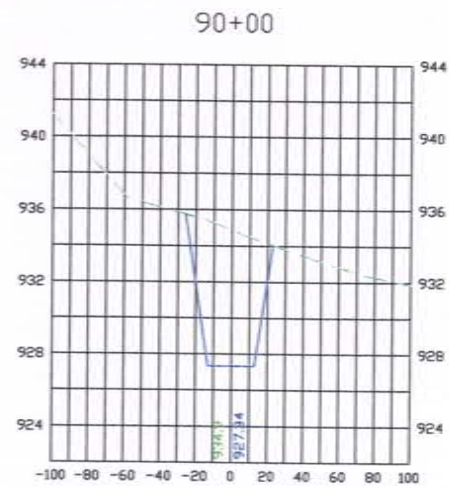
Notes:

- 1) Profiles are vertically exaggerated
- 2) Profiles subject to revision in accordance with final engineering design

SGR - Proposed Route

Existing Elevation

Proposed Elevation



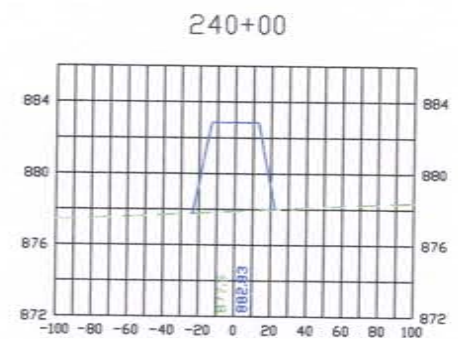
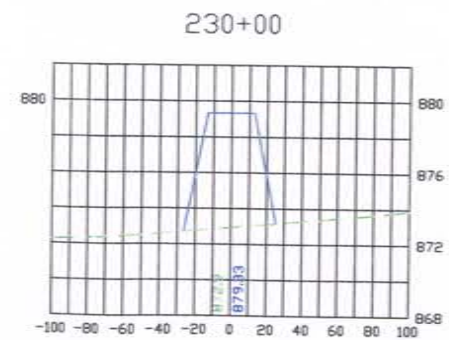
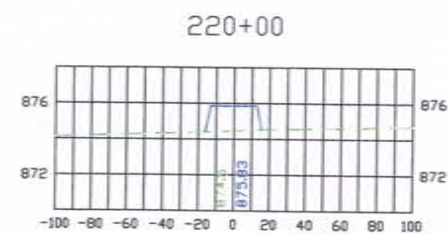
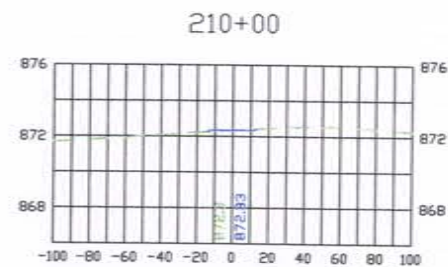
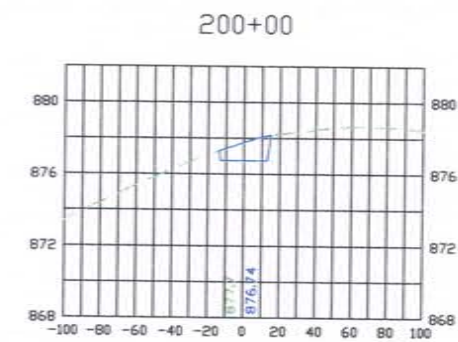
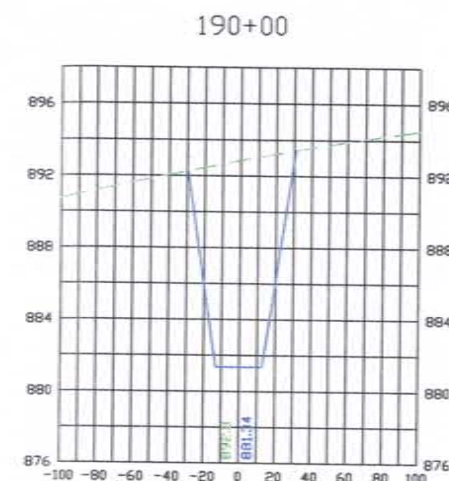
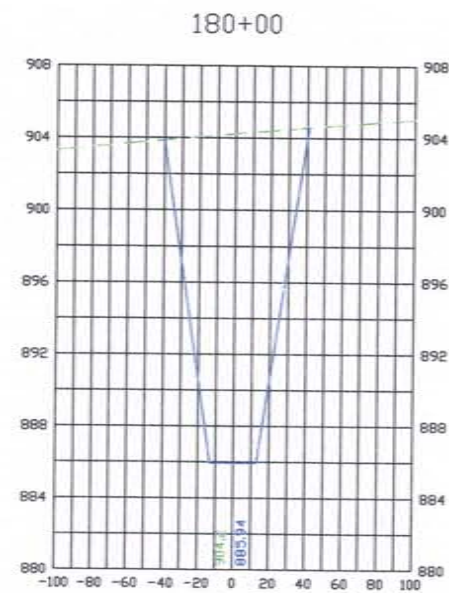
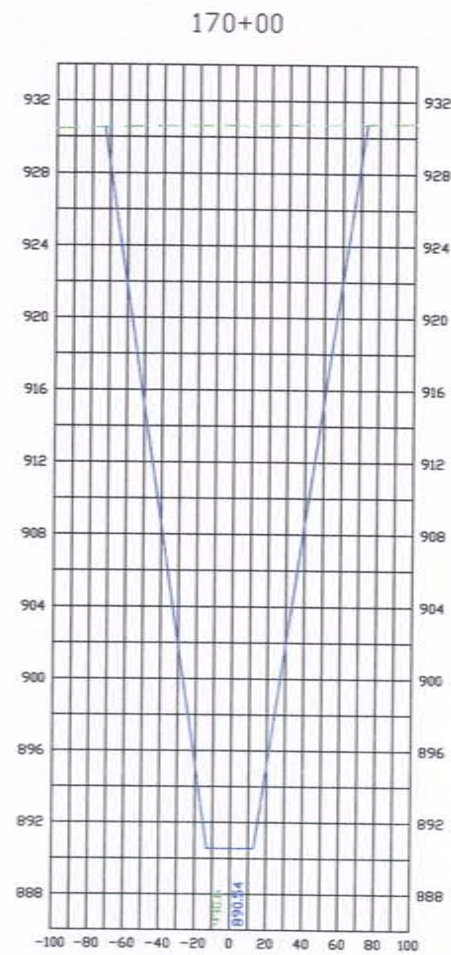
Notes:

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2) Profiles subject to revision in accordance with final engineering design

SGR - Proposed Route

Existing Elevation
Proposed Elevation



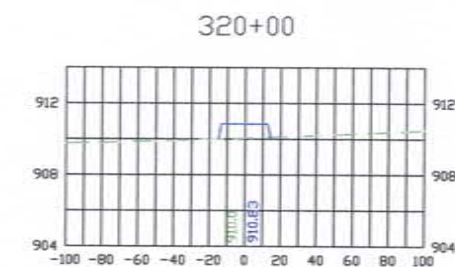
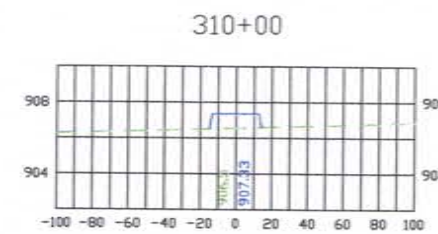
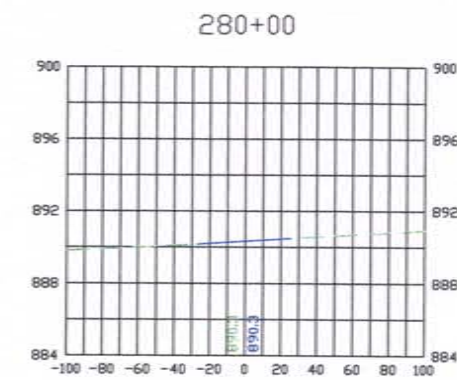
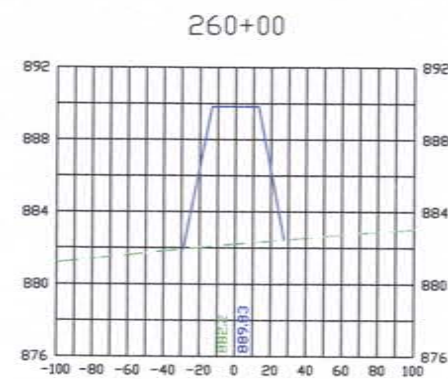
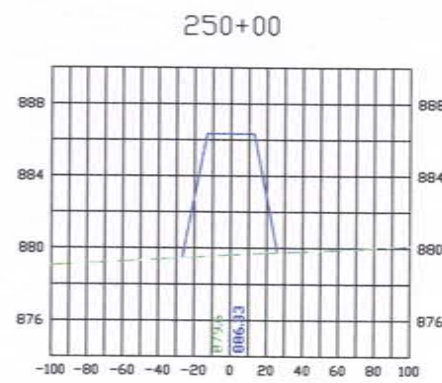
Notes:

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SGR - Proposed Route

Existing Elevation
Proposed Elevation



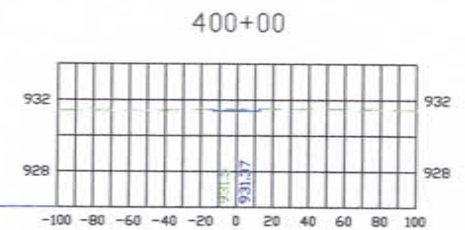
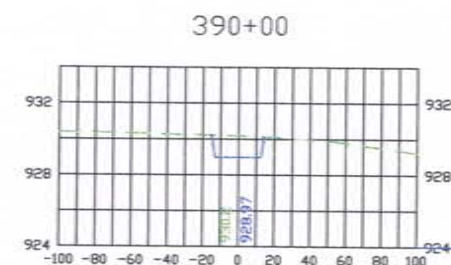
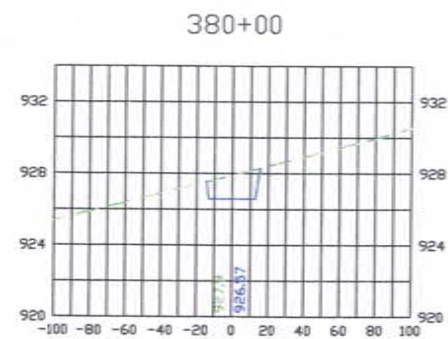
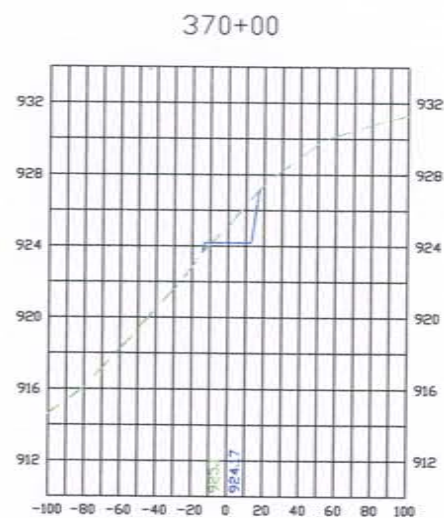
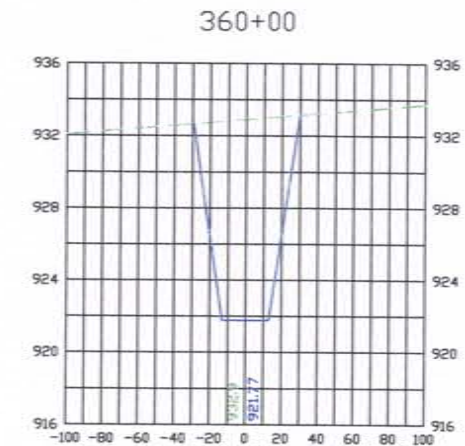
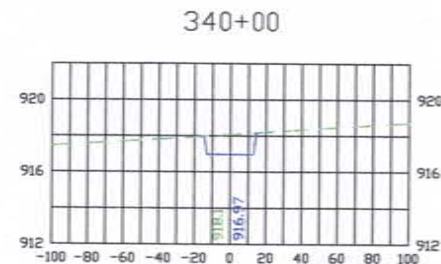
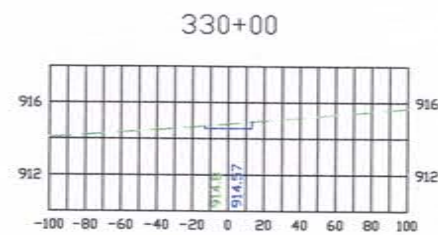
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SGR - Proposed Route

Existing Elevation
Proposed Elevation



Notes:

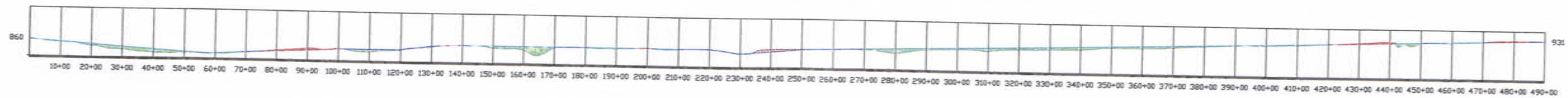
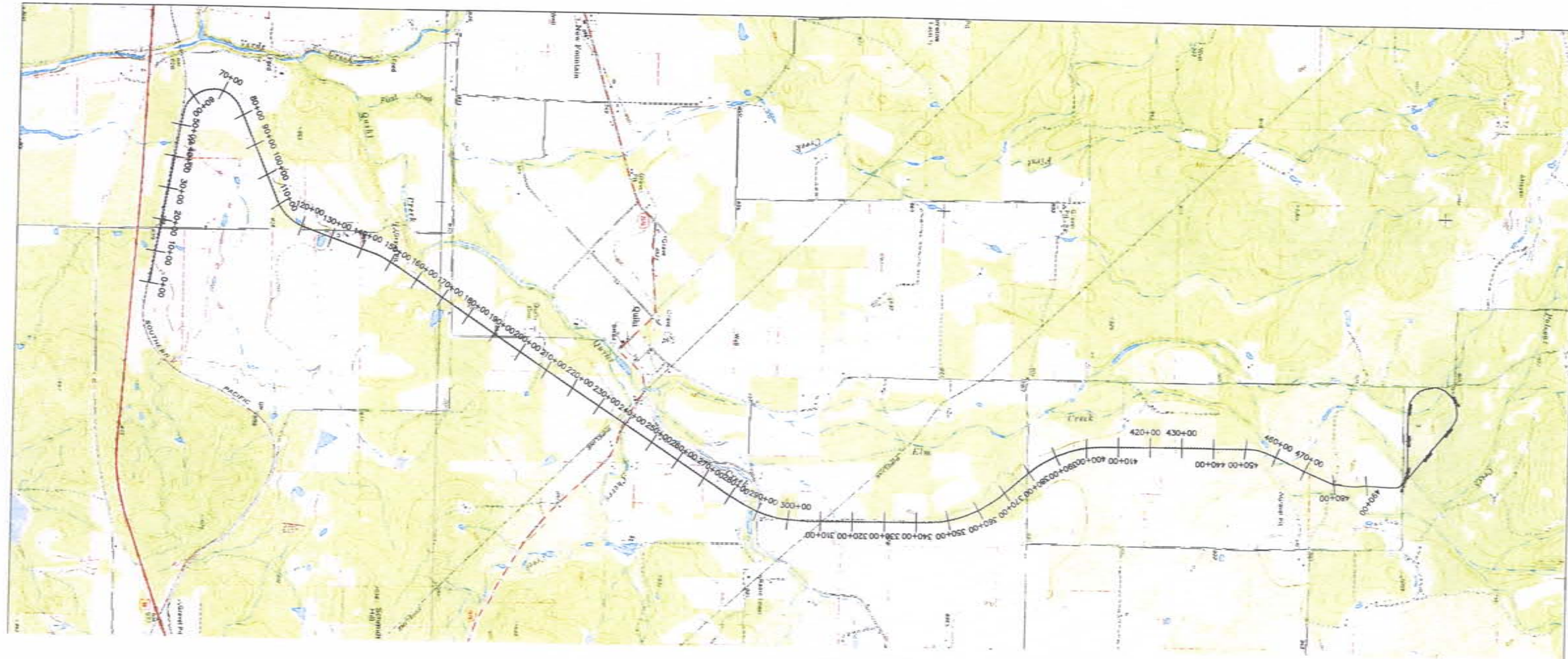
- 1) Profiles are vertically exaggerated
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SGR - Proposed Route



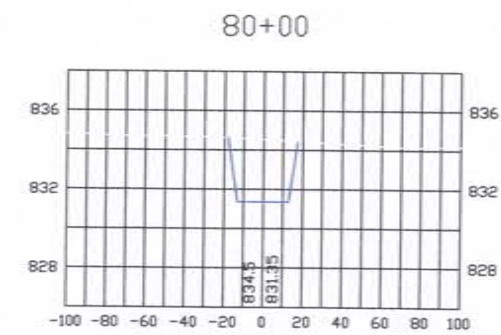
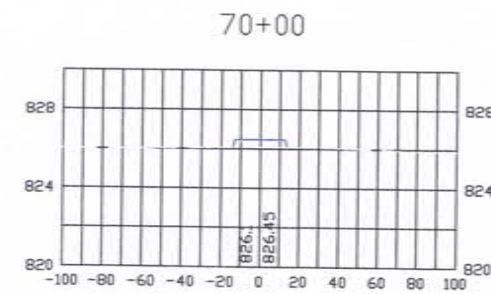
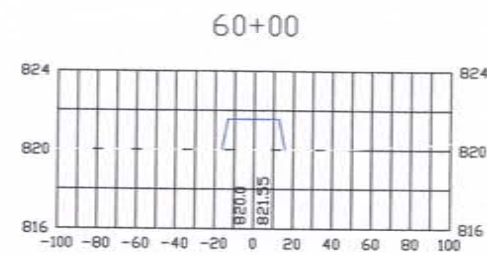
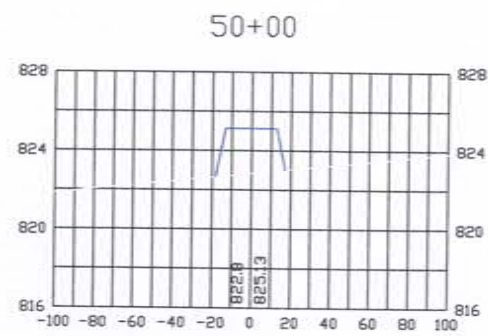
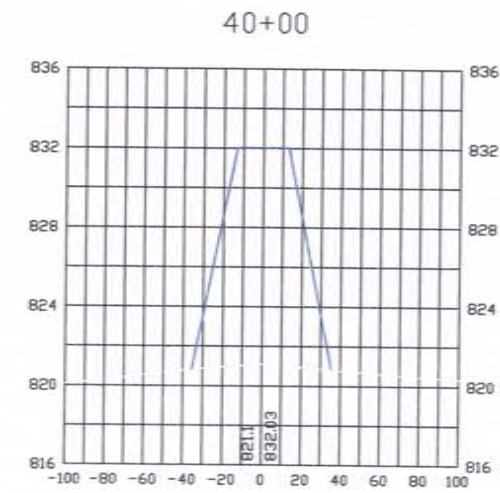
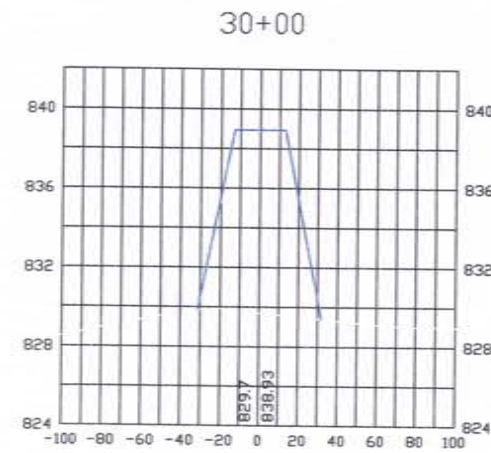
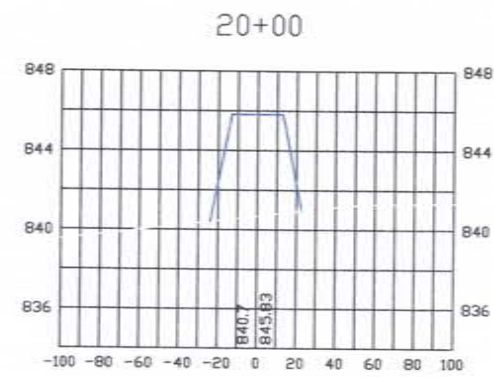
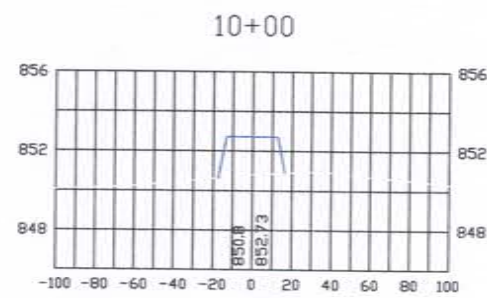


SGR - Alternative 1



SGR - Alternative 1
Top of Roll Bed Profile

■ Fill
■ Cut

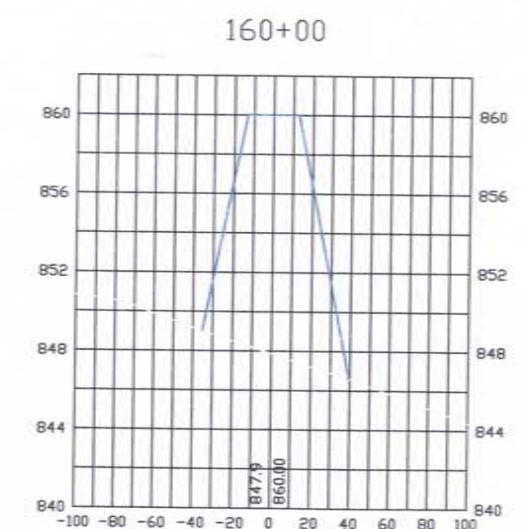
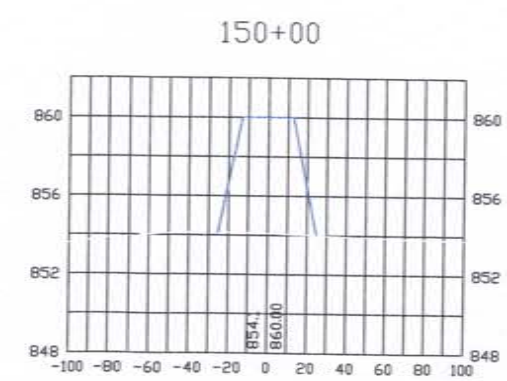
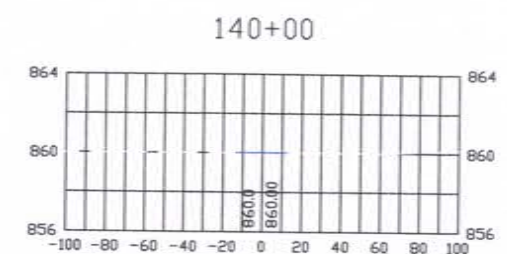
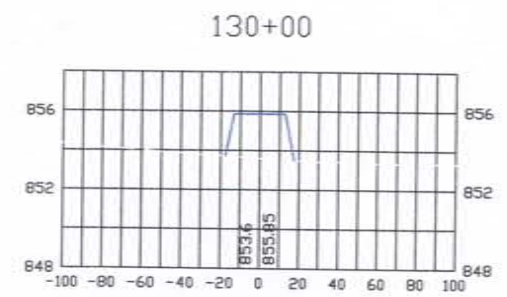
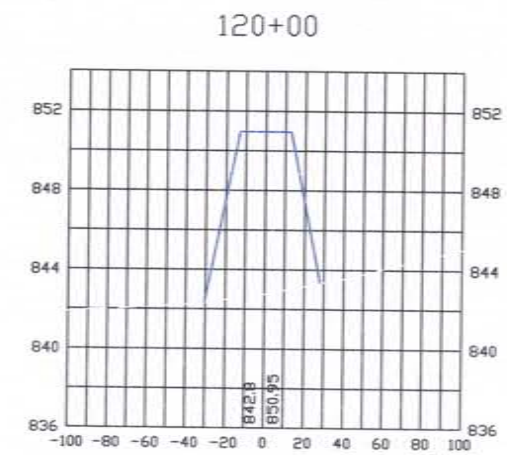
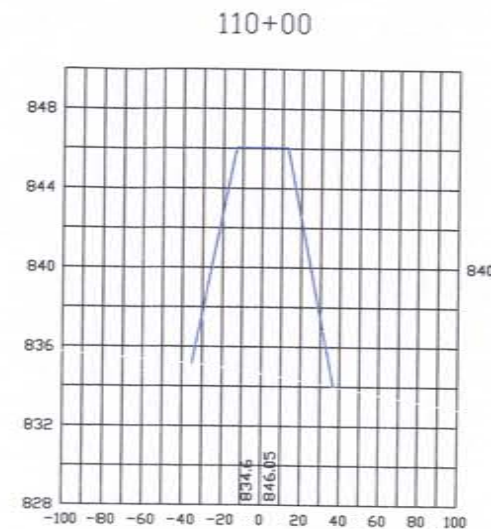
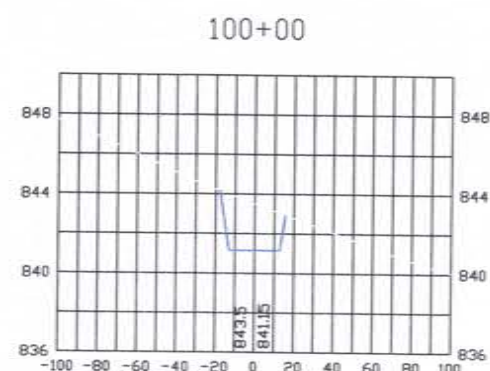
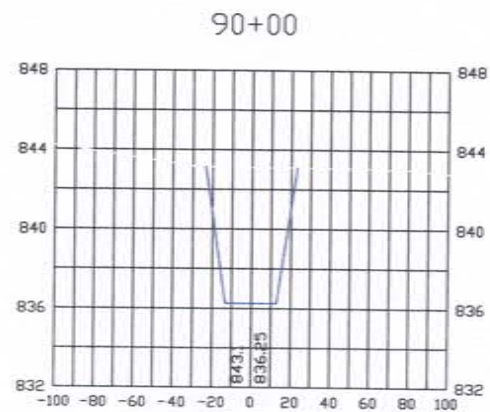


SGR - Alternative 1

Notes:

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Existing Elevation
Proposed Elevation

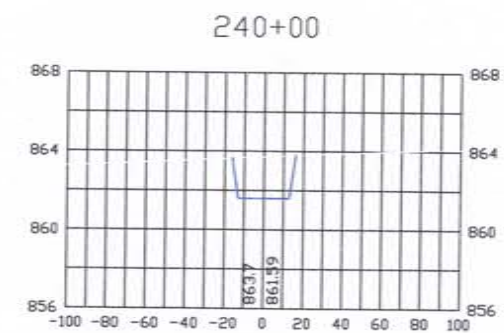
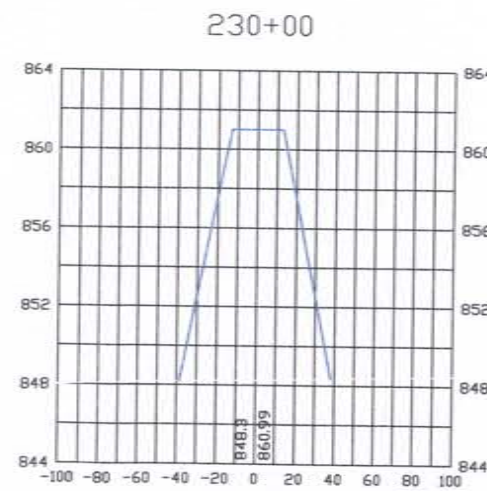
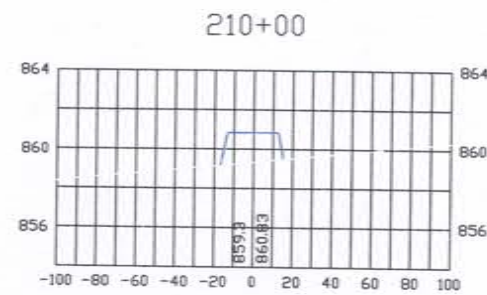
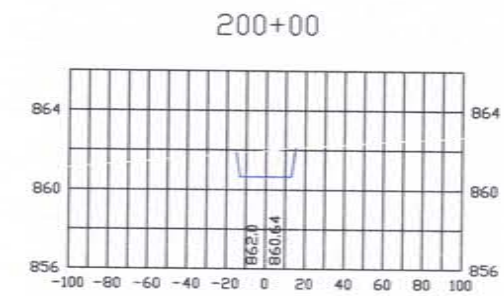
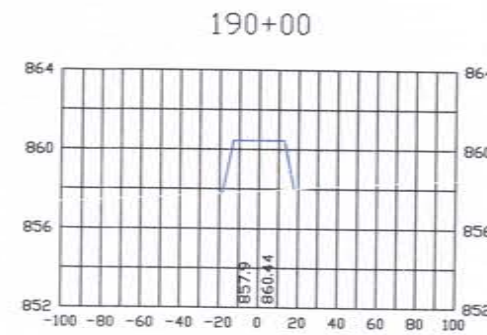
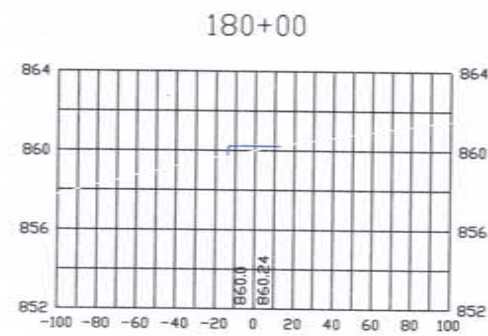
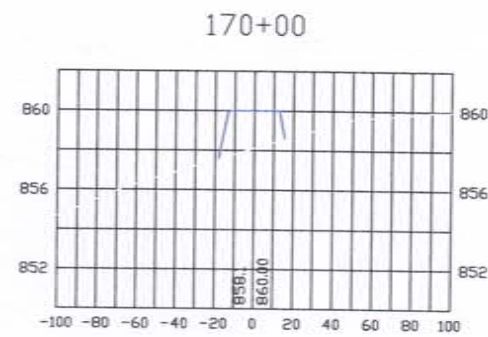


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SGR - Alternative 1

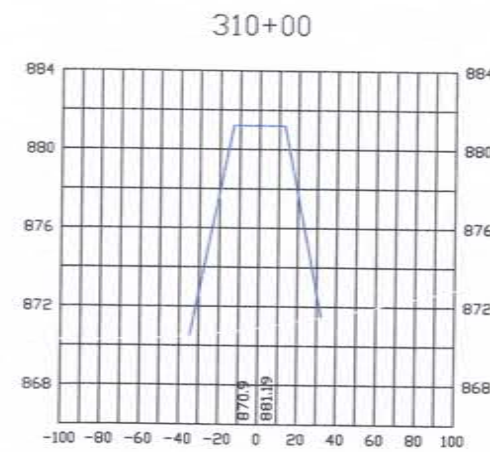
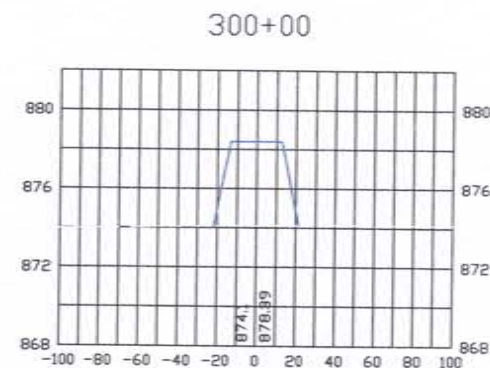
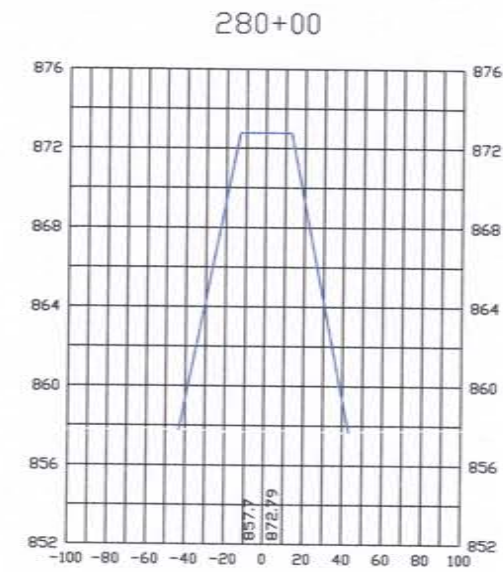
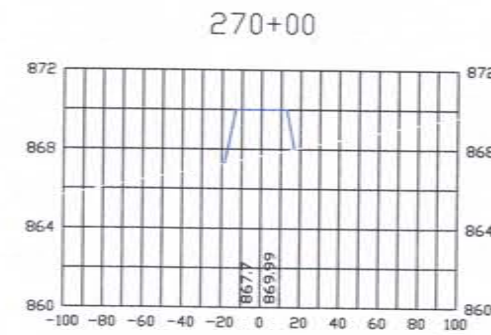
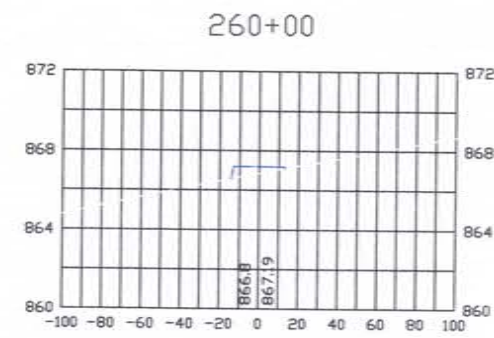
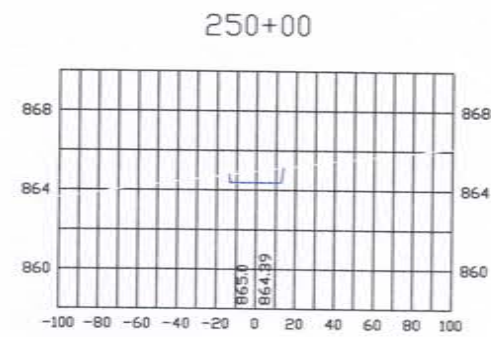
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Existing Elevation
Proposed Elevation



SGR - Alternative 1

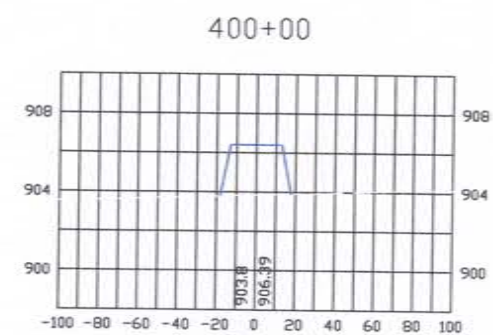
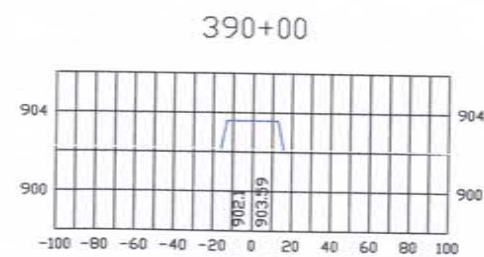
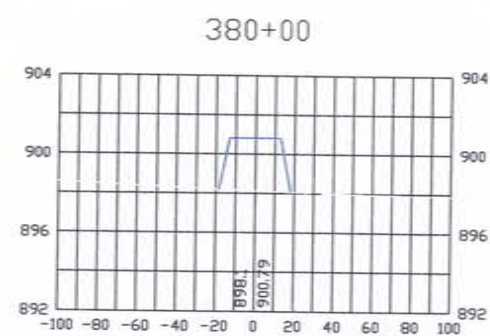
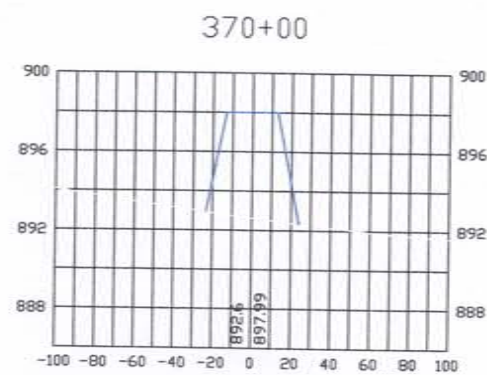
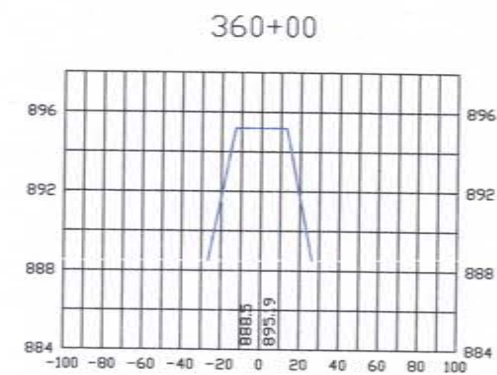
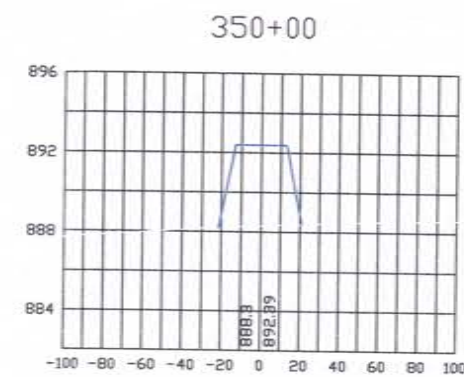
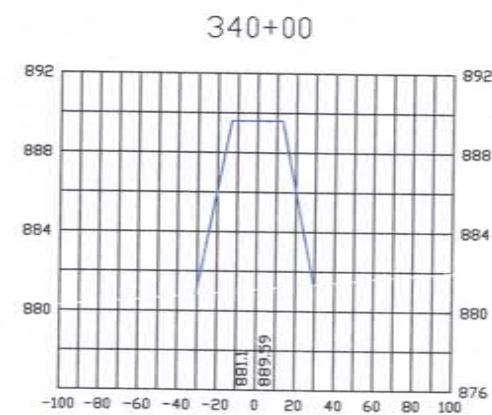
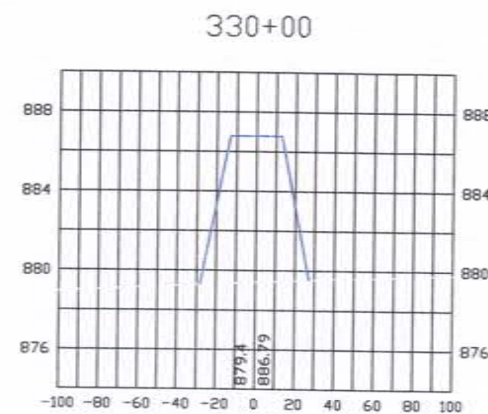
Notes:

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Page 6 of 8

Existing Elevation
Proposed Elevation

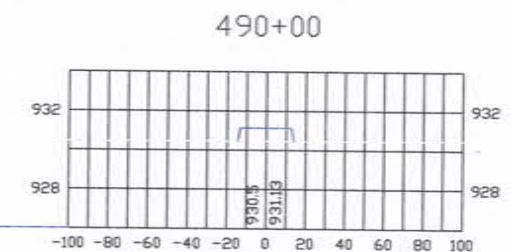
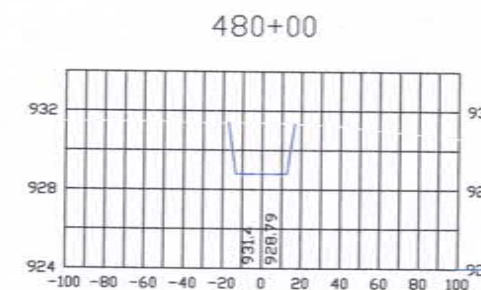
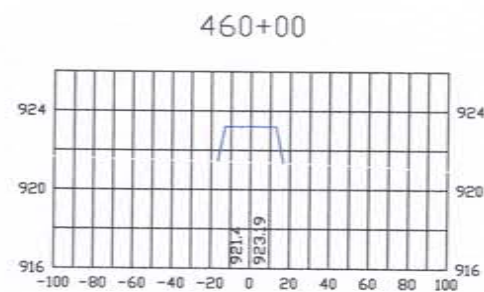
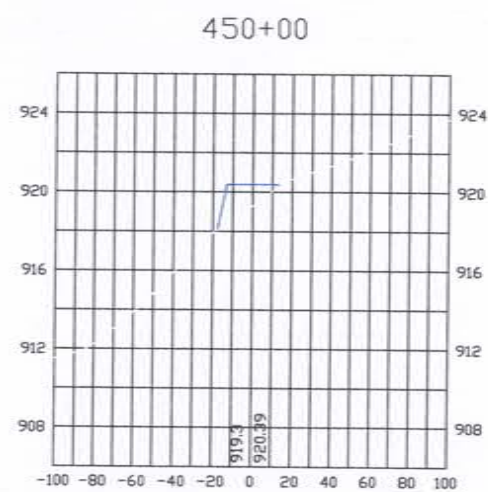
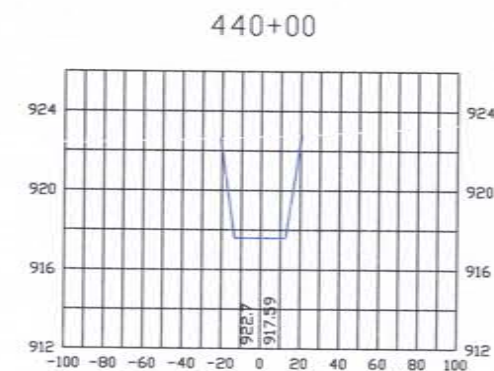
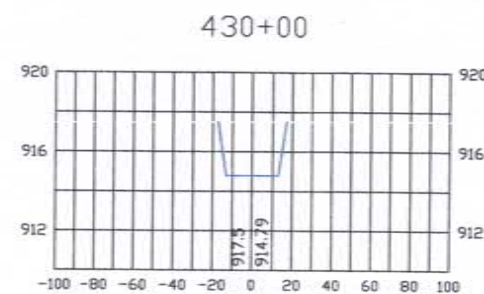
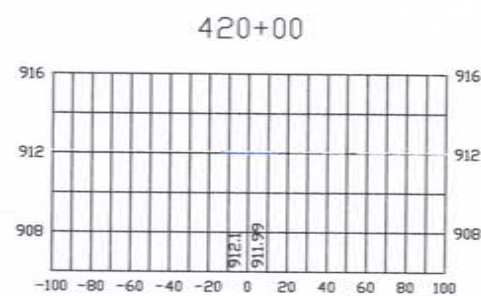
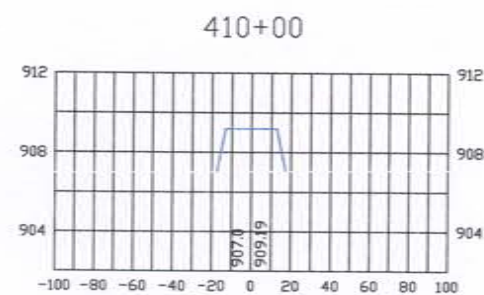


SGR - Alternative 1

Notes:

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- 2) Profiles subject to revision in accordance with final engineering design

Existing Elevation
Proposed Elevation



SGR - Alternative 1

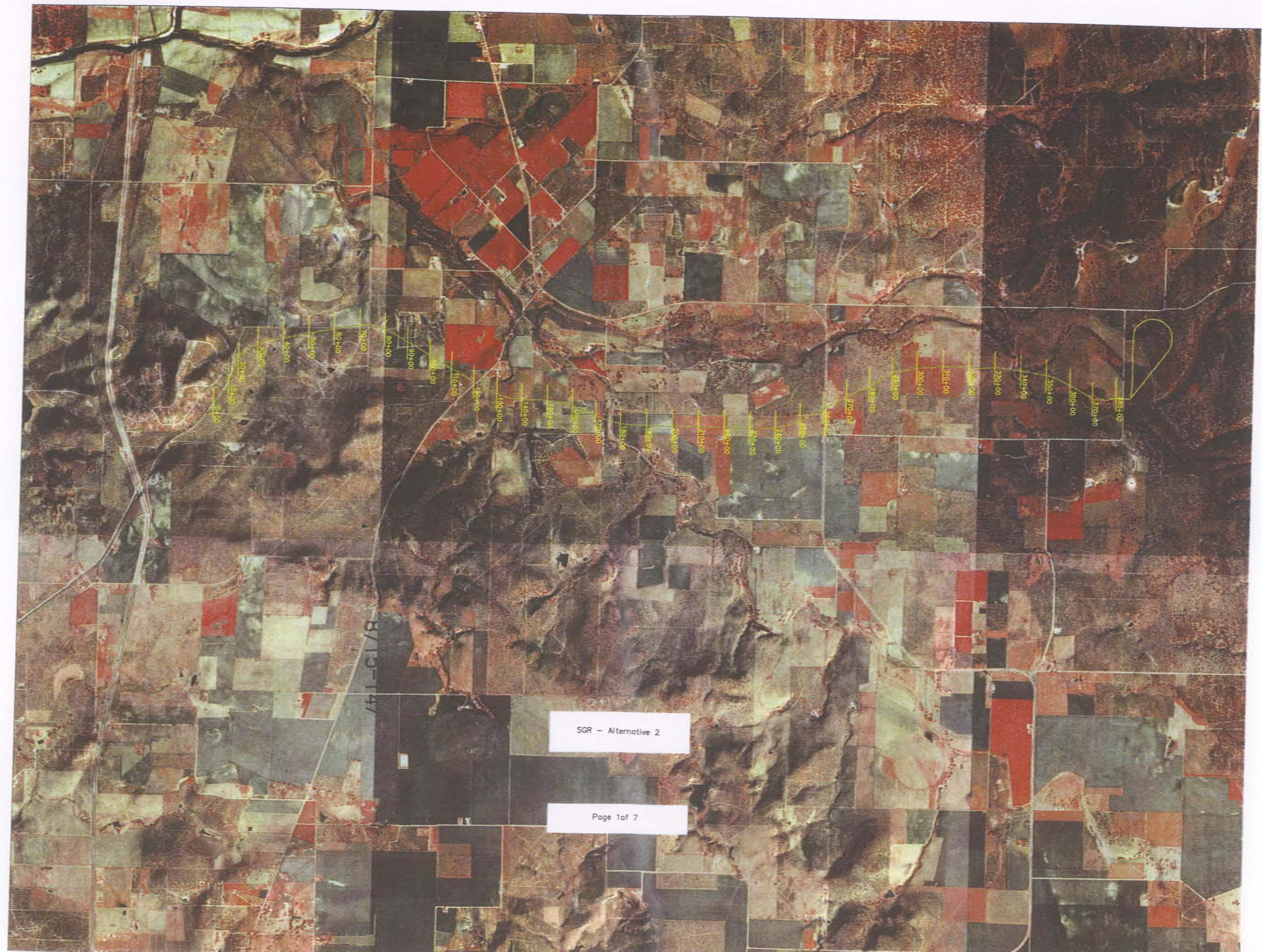
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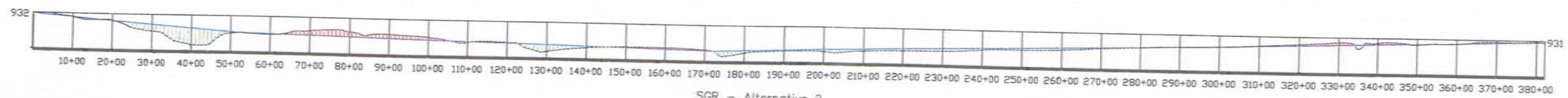
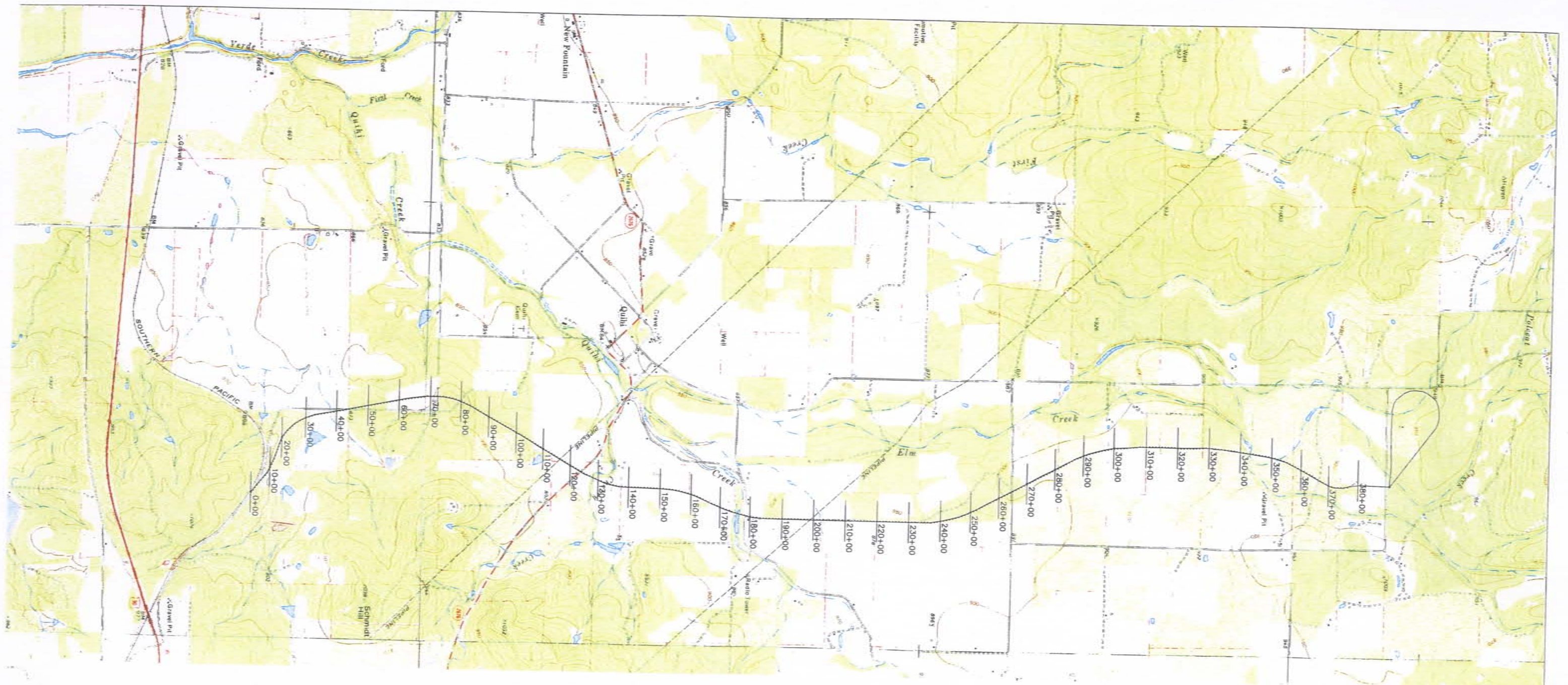
2) Profiles subject to revision in accordance with final engineering design

Page 8 of 8

Existing Elevation
Proposed Elevation

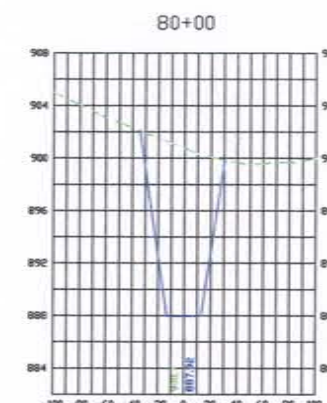
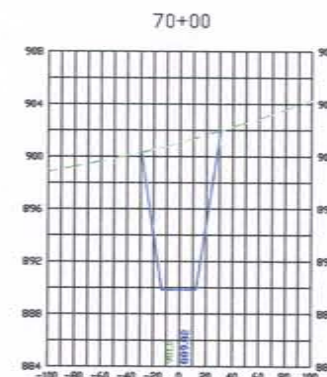
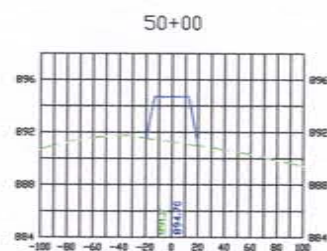
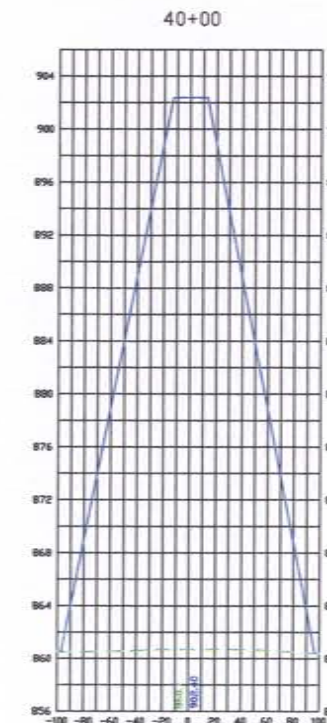
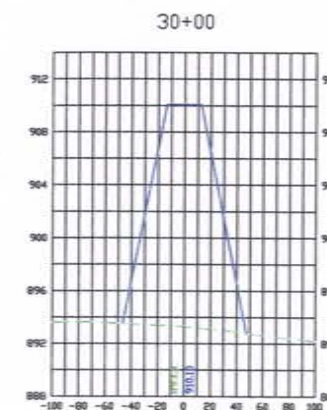
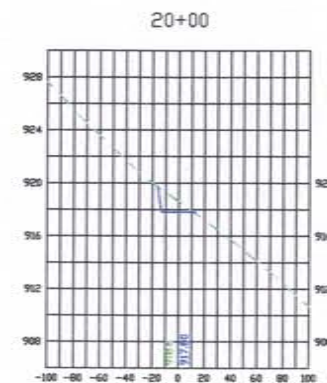
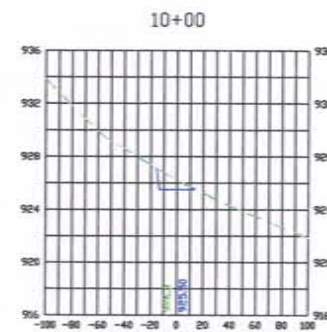


SGR - Alternative 2



SGR - Alternative 2
Top of Rail Bed Profile

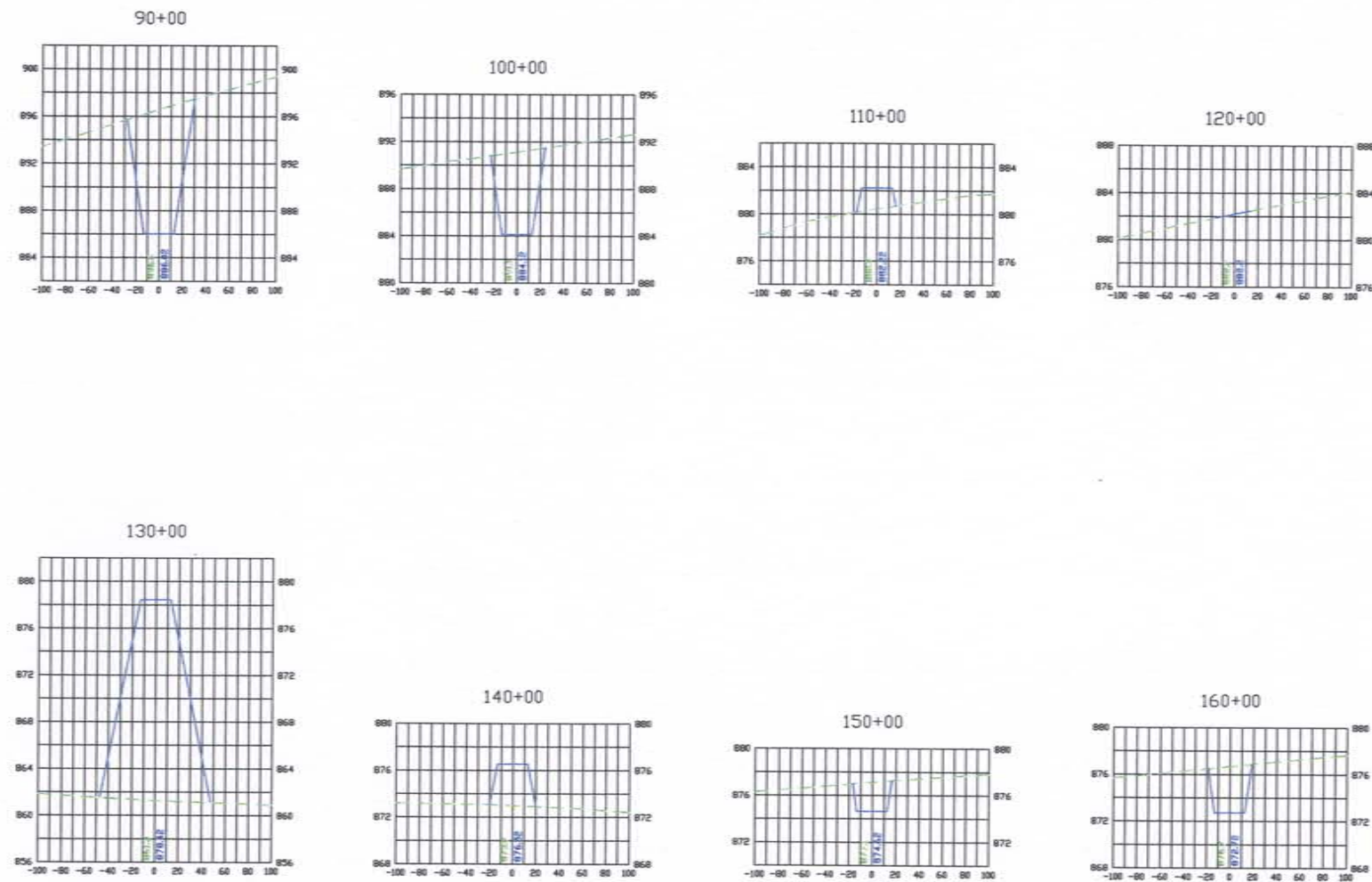
Fill
Cut



SGR - Alternative 2

Notes:

- 1) Profiles are vertically exaggerated
- 2) Profiles subject to revision in accordance with final engineering design

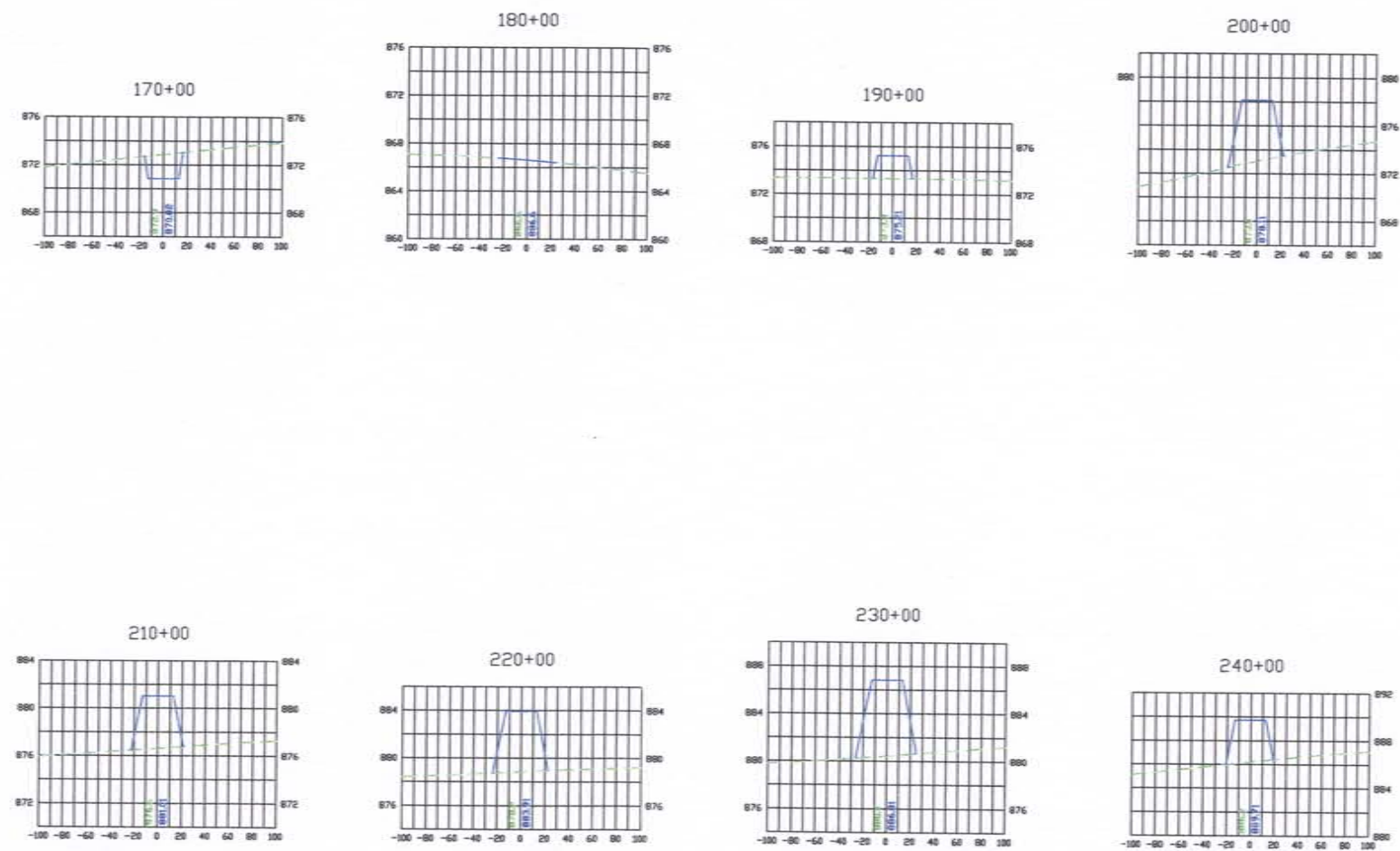


SGR - Alternative 2

Notes:

- 1) Profiles are vertically exaggerated
- 2) Profiles subject to revision in accordance with final engineering design



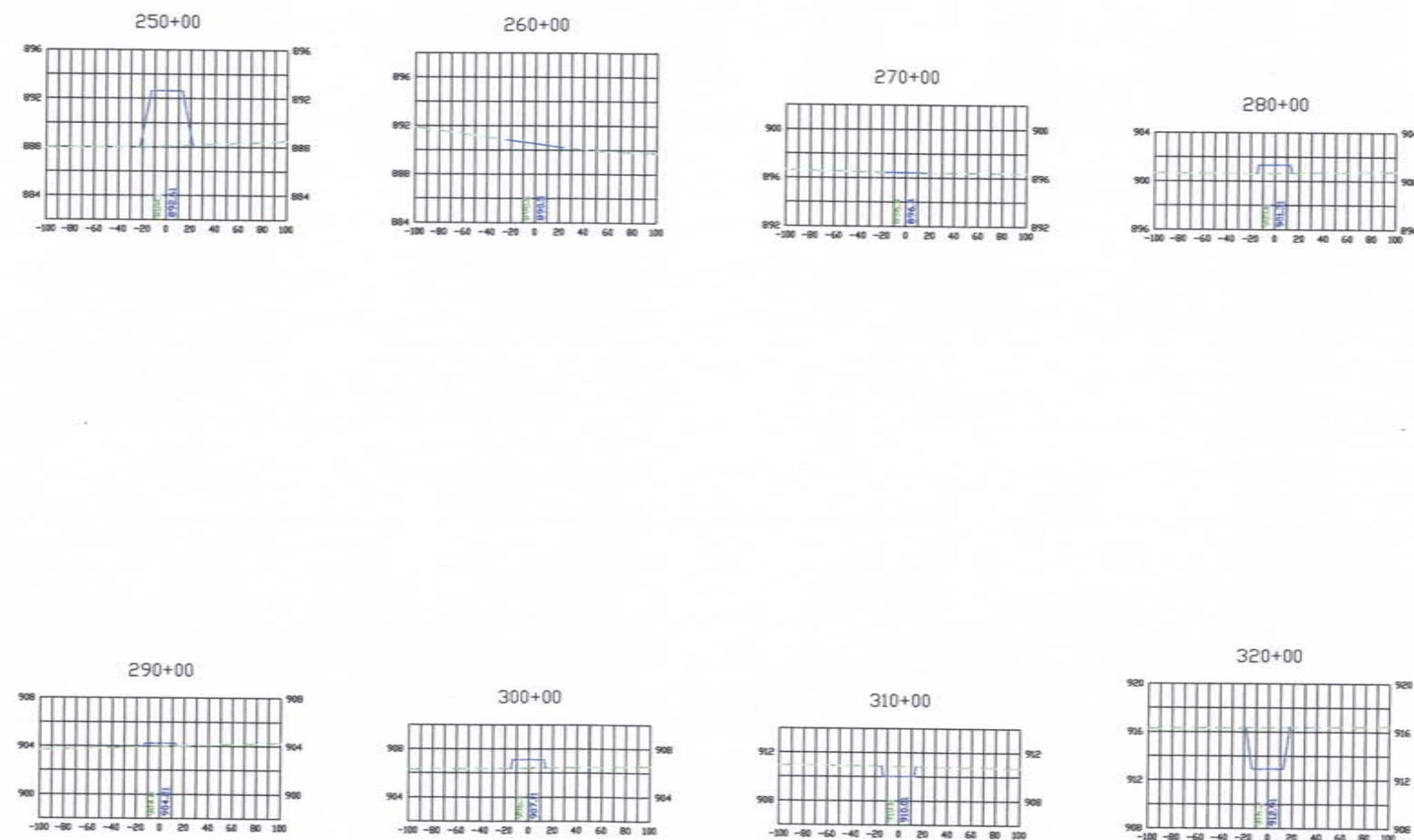


SGR - Alternative 2

Notes:

- 1) Profiles are vertically exaggerated
- 2) Profiles subject to revision in accordance with final engineering design

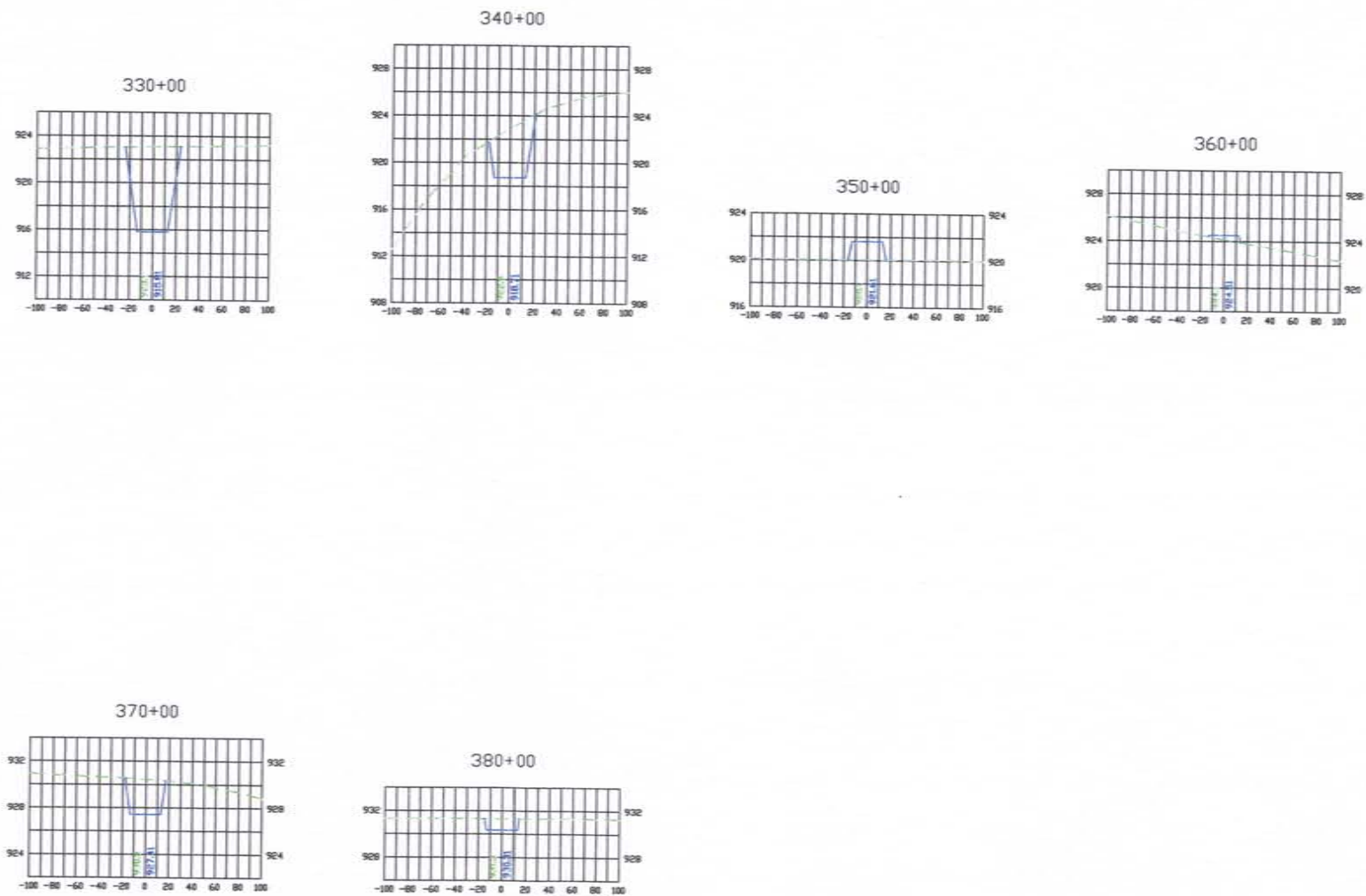




SGR - Alternative 2

Notes:

- 1) Profiles are vertically exaggerated
- 2) Profiles subject to revision in accordance with final engineering design



SGR - Alternative 2

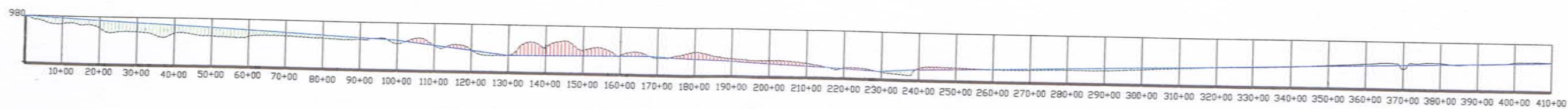
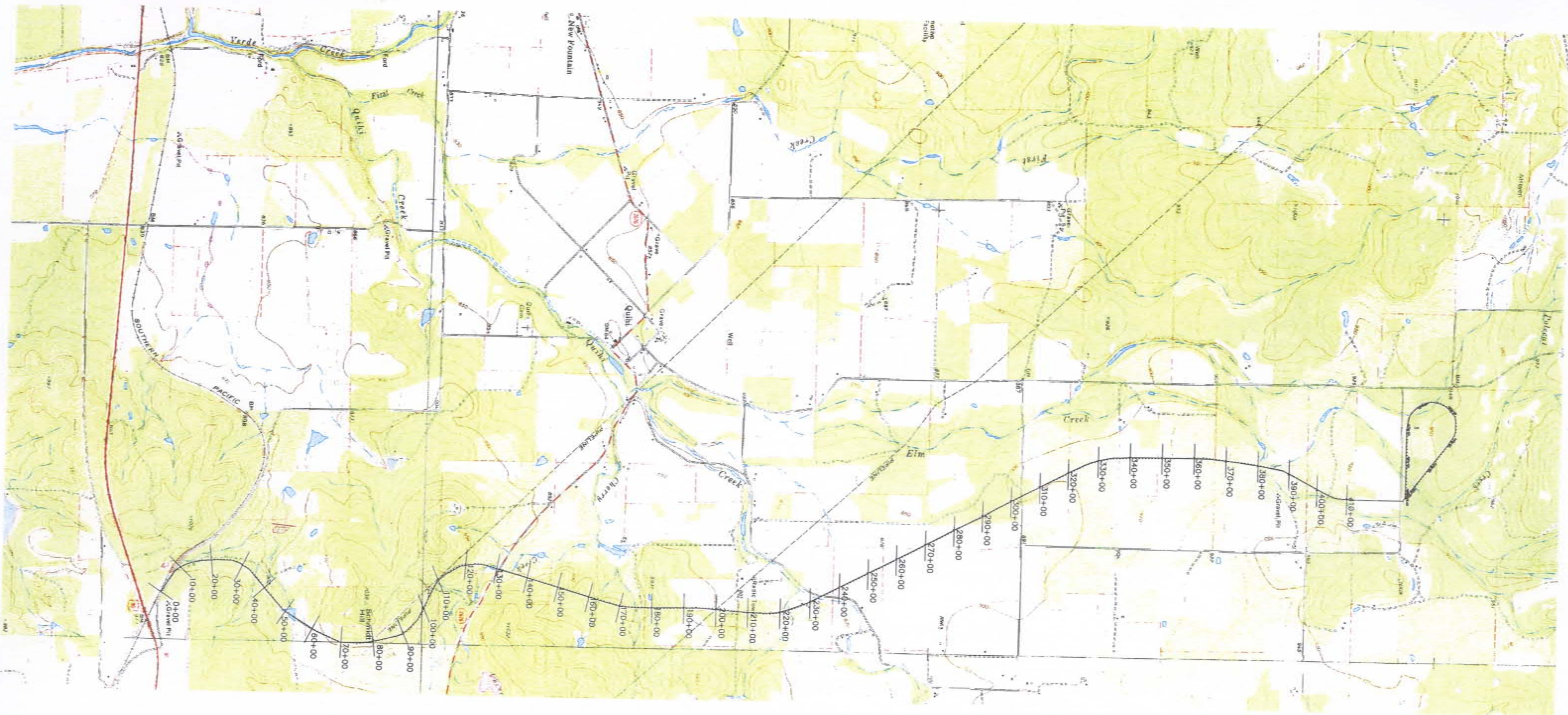
Notes:

- 1) Profiles are vertically exaggerated
- 2) Profiles subject to revision in accordance with final engineering design



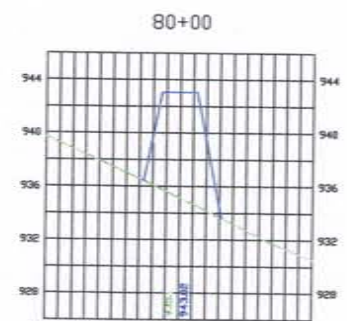
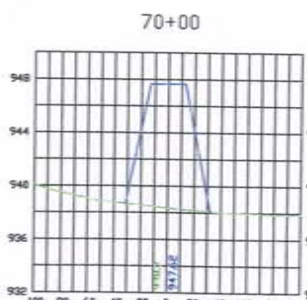
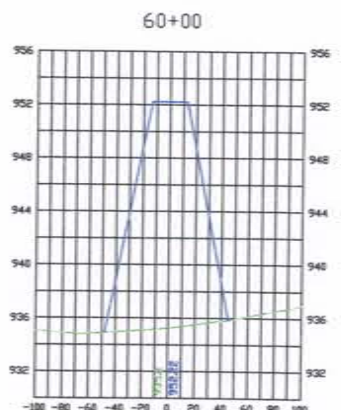
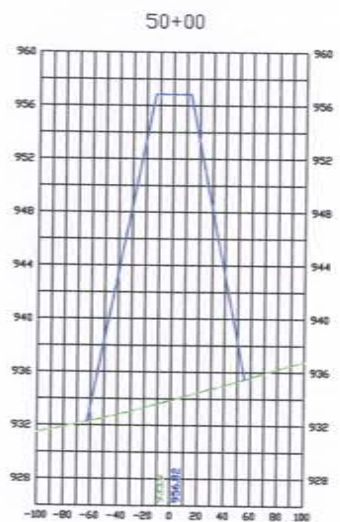
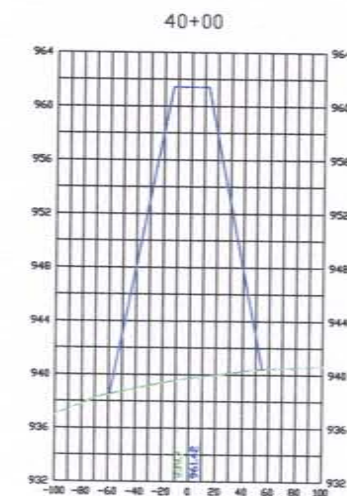
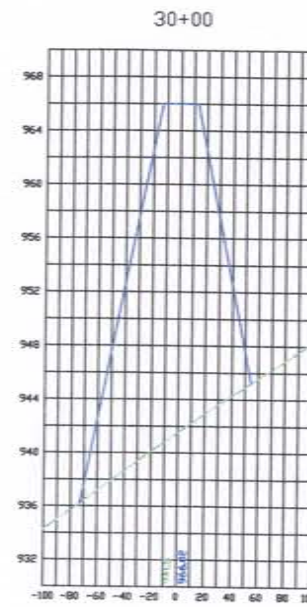
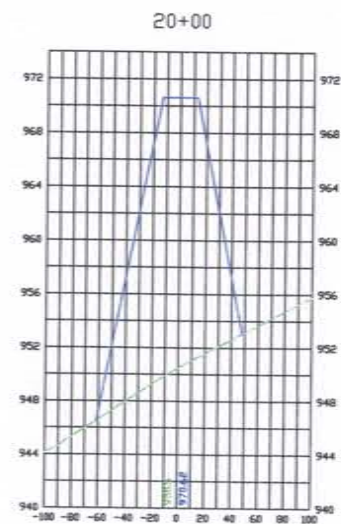
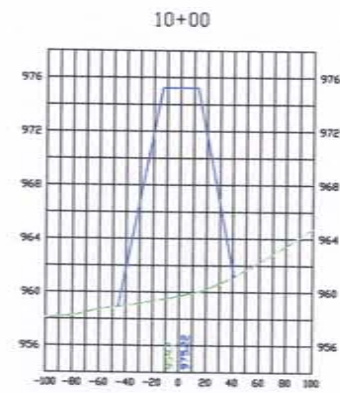


SGR - Alternative 3



SGR - Alternative 3
Top of Rail Bed Profile

Legend:
 Fill
 Cut

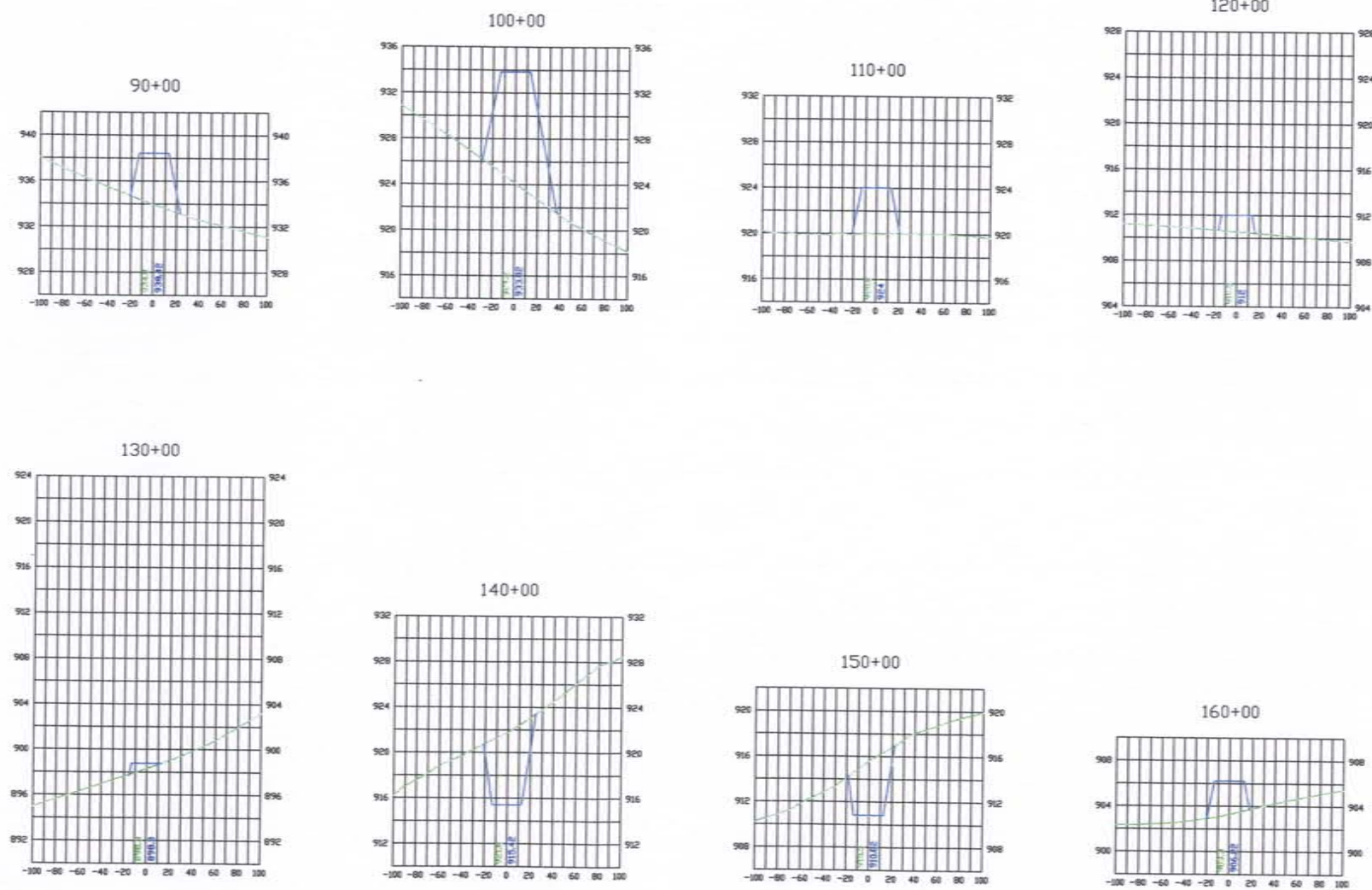


Notes:

- 1) Profiles are vertically exaggerated
- 2) Profiles subject to revision in accordance with final engineering design

SGR - Alternative 3

Existing Elevation
Proposed Elevation

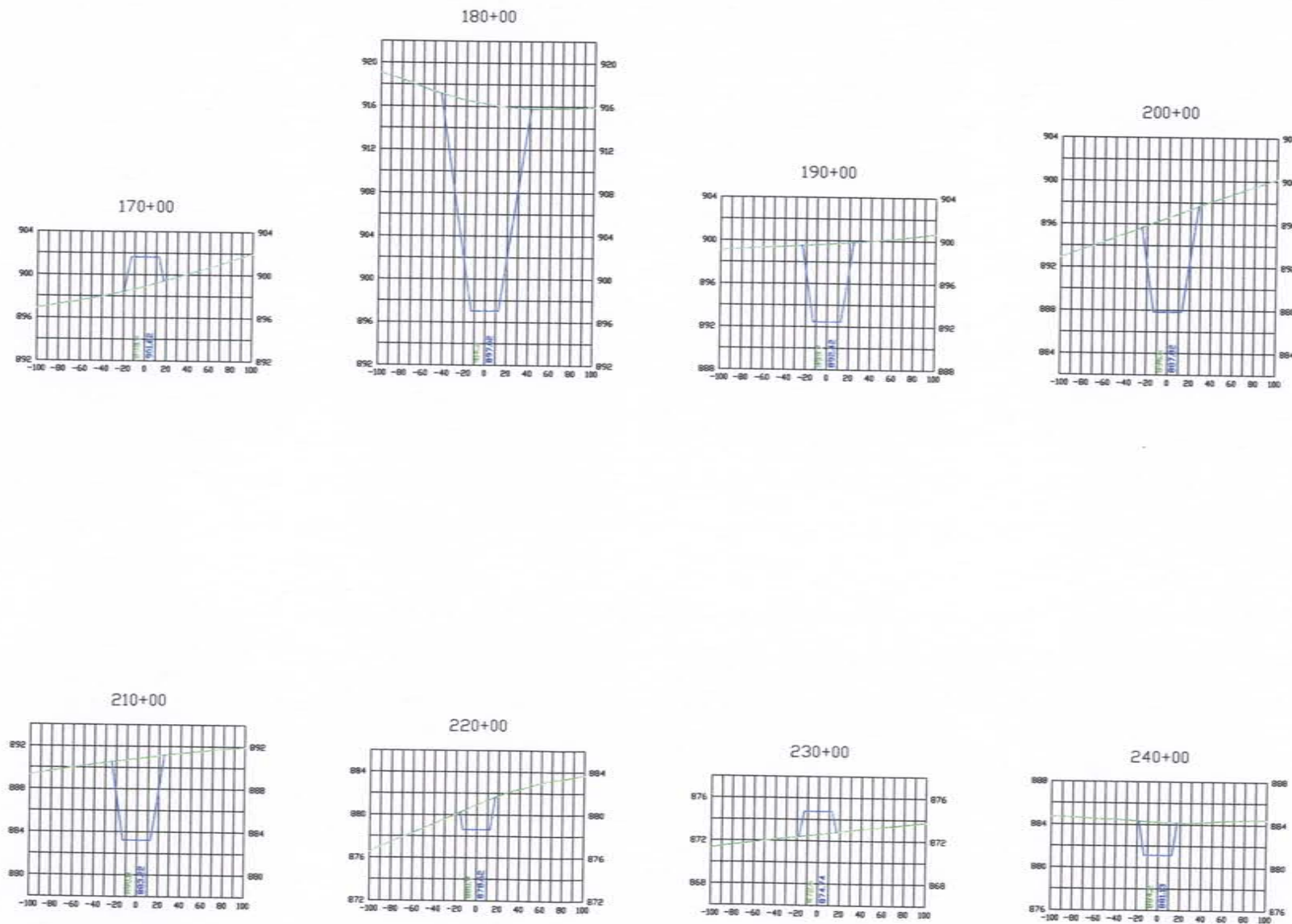


Notes:

- 1) Profiles are vertically exaggerated
- 2) Profiles subject to revision in accordance with final engineering design

SGR - Alternative 3

Existing Elevation
Proposed Elevation

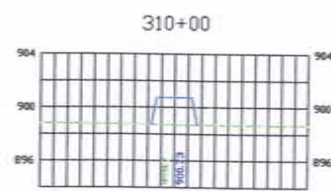
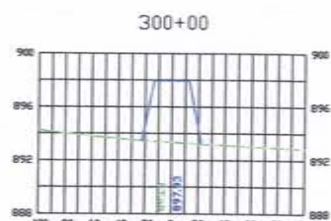
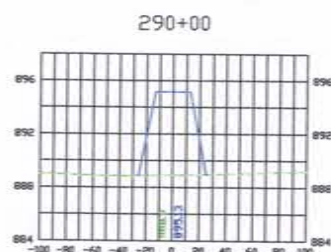
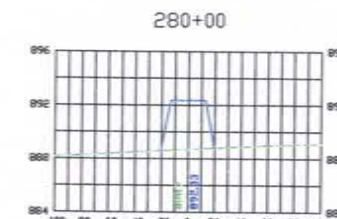
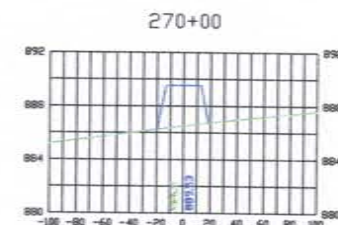
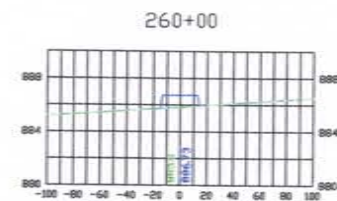
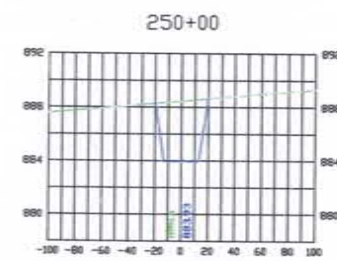


Notes:

- 1) Profiles are vertically exaggerated
- 2) Profiles subject to revision in accordance with final engineering design

SGR - Alternative 3

Existing Elevation
Proposed Elevation

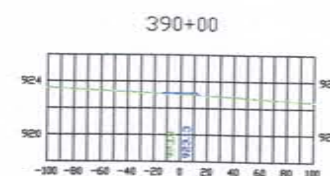
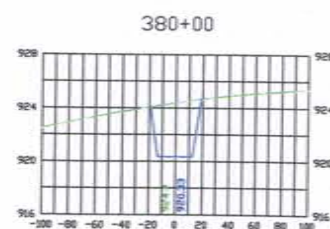
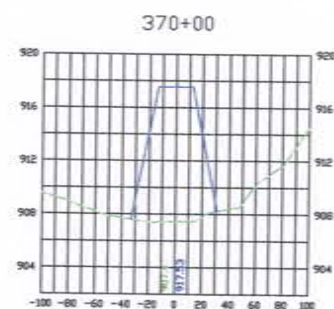
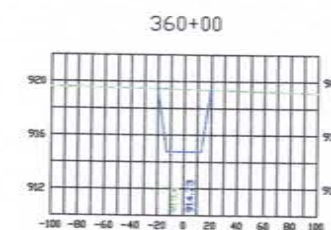
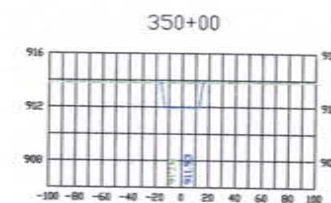
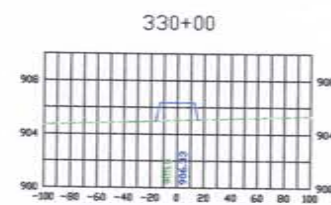


Notes:

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- 2) Profiles subject to revision in accordance with final engineering design

SGR - Alternative 3

Existing Elevation
Proposed Elevation

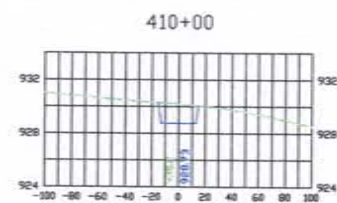


Notes:

- 1) Profiles are vertically exaggerated
- 2) Profiles subject to revision in accordance with final engineering design

SGR - Alternative 3

Existing Elevation
Proposed Elevation



Notes:

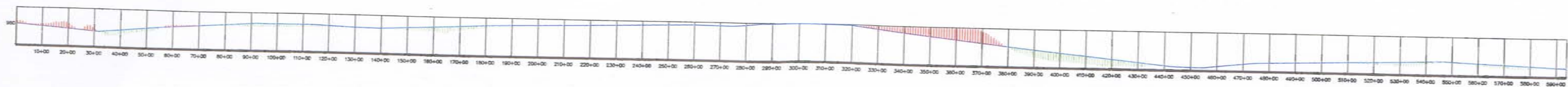
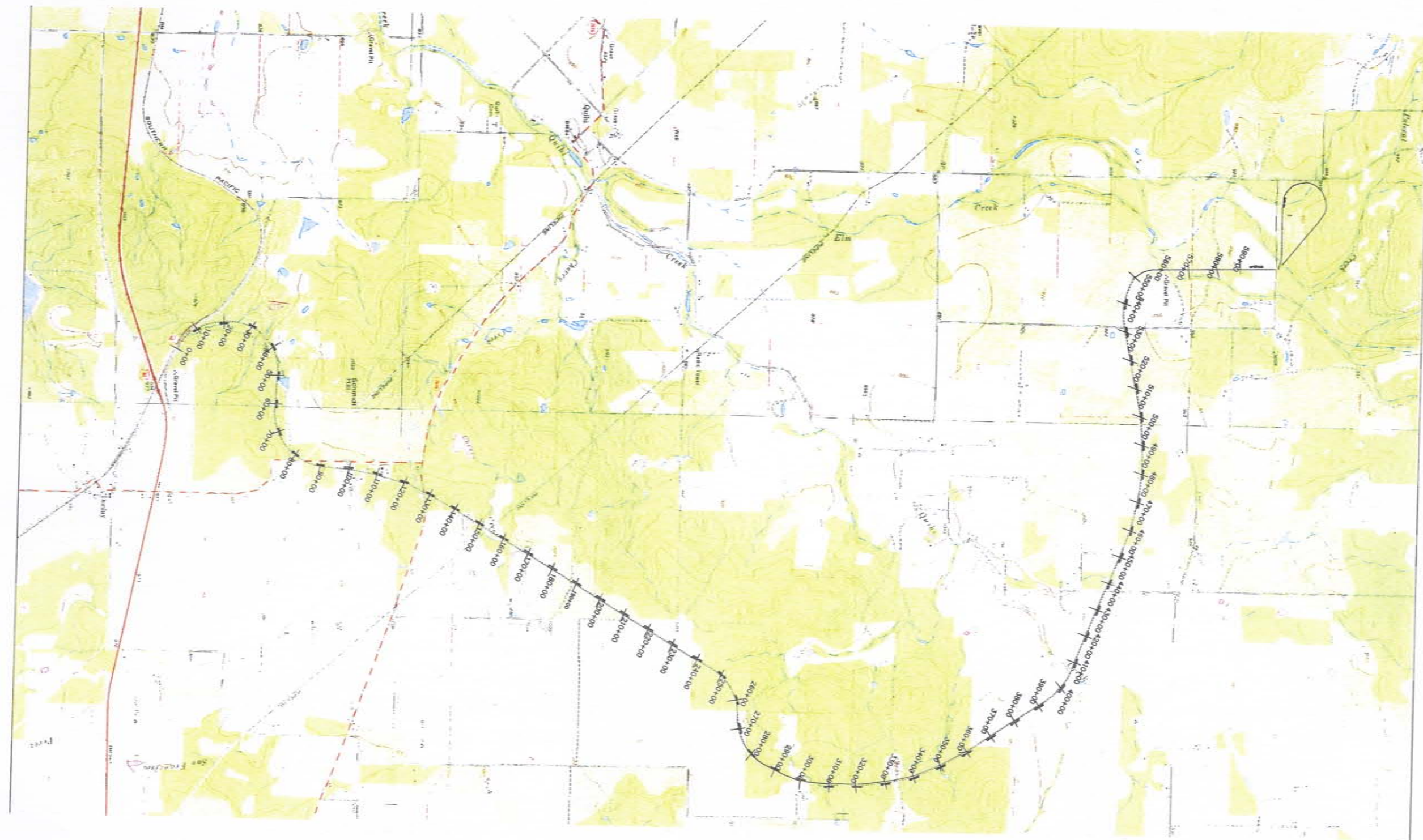
- 1) Profiles are vertically exaggerated
- 2) Profiles subject to revision in accordance with final engineering design

SGR - Alternative 3

Existing Elevation
Proposed Elevation

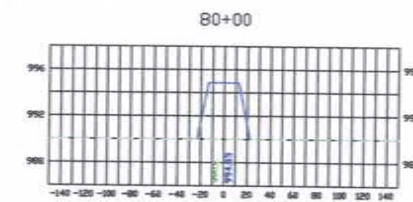
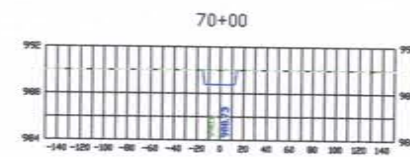
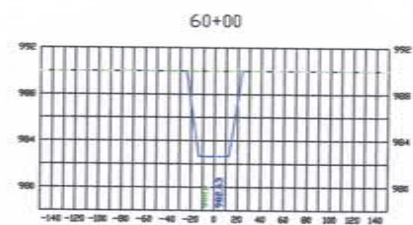
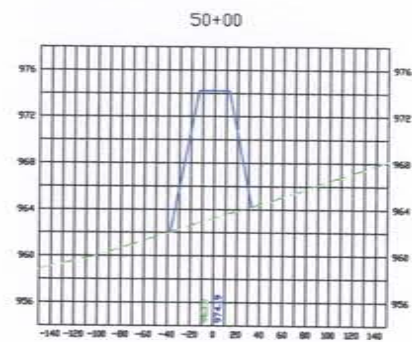
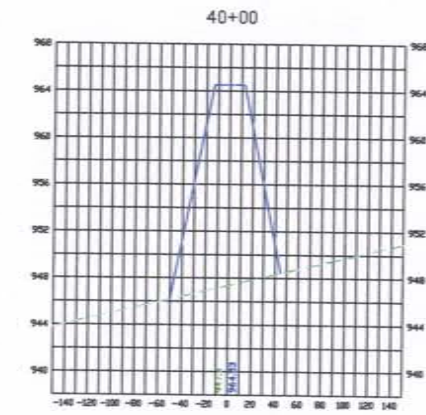
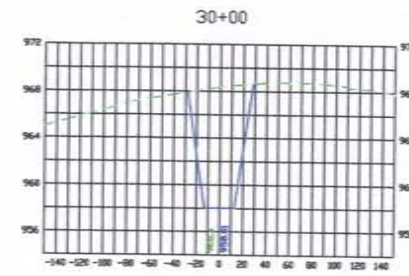
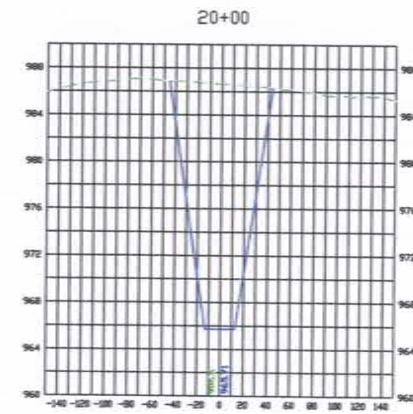
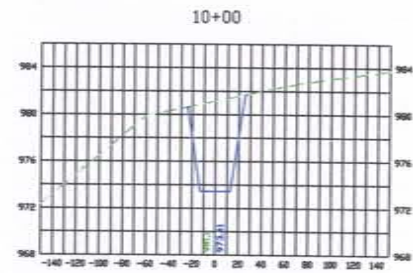


SGR - Modified Medina Dam Route



SGR - Modified Medina Dam Route

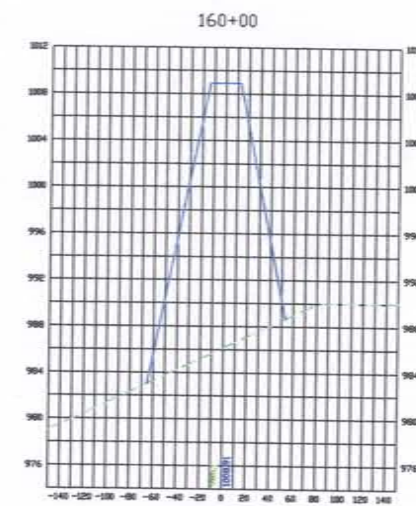
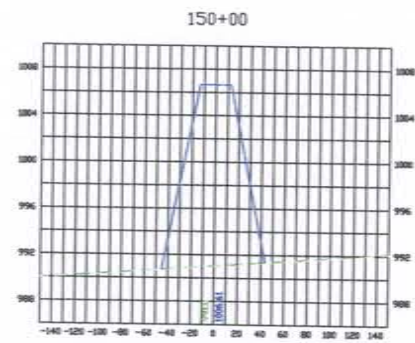
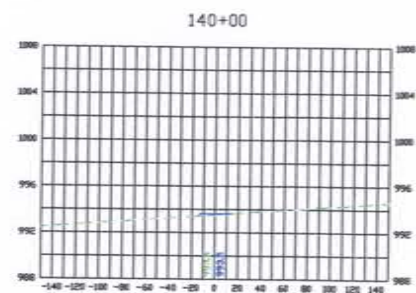
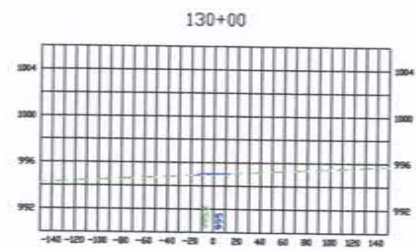
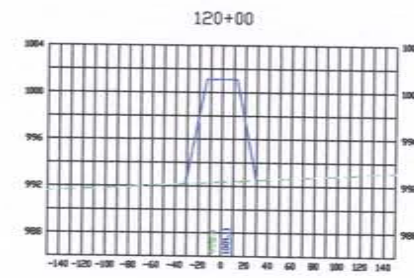
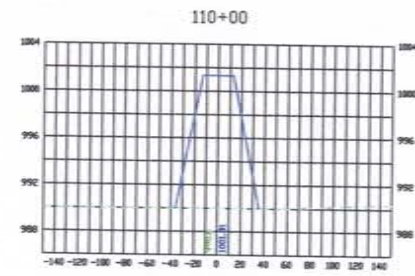
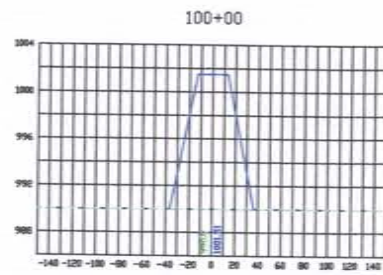
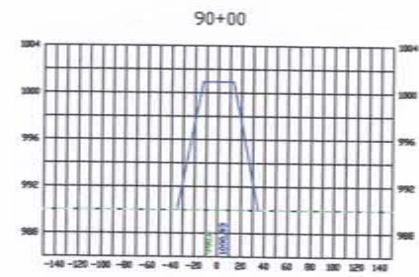
Top of Rail Bed Profile



SGR - Modified Medina Dam Route

Notes:

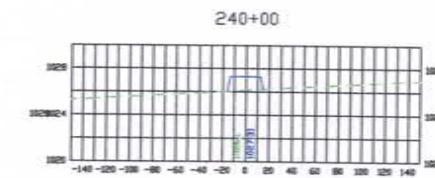
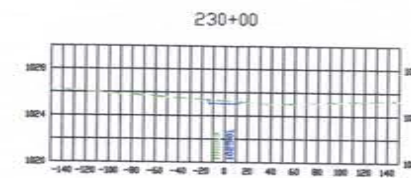
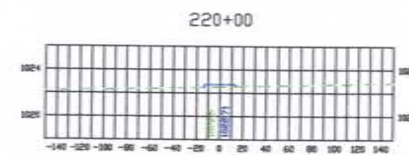
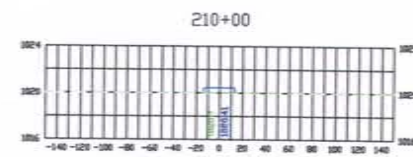
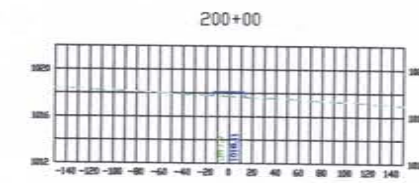
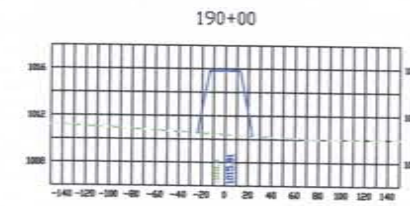
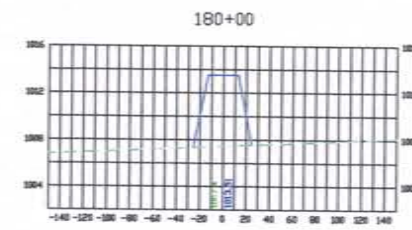
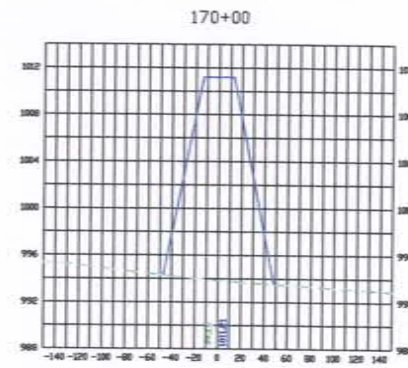
- 1) Profiles are vertically exaggerated
- 2) Profiles subject to revision in accordance with final engineering design



SGR - Modified Medina Dam Route

Notes:

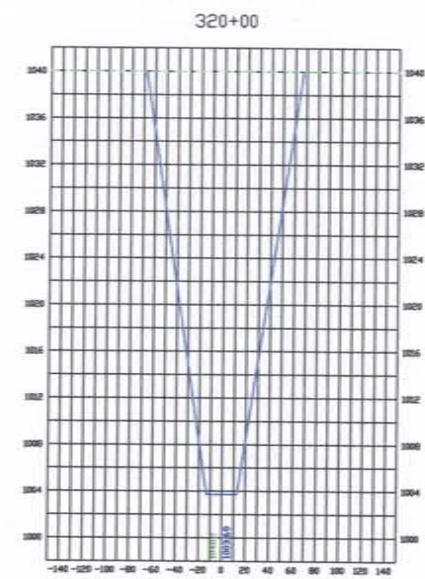
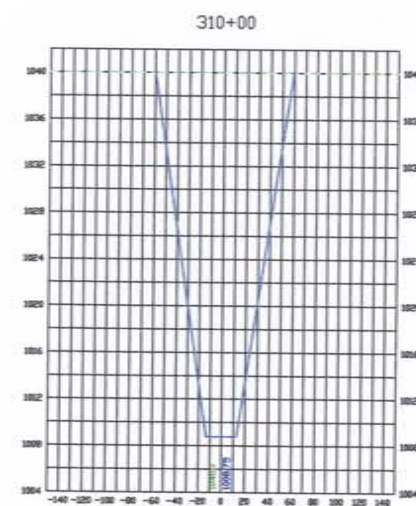
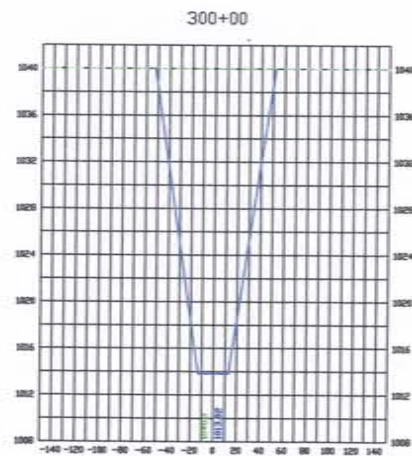
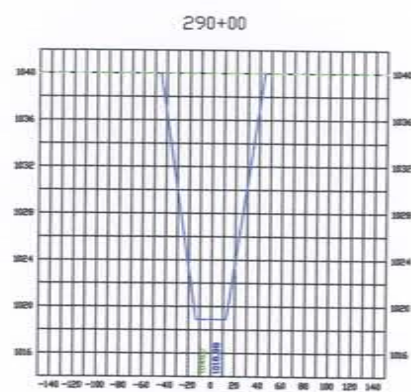
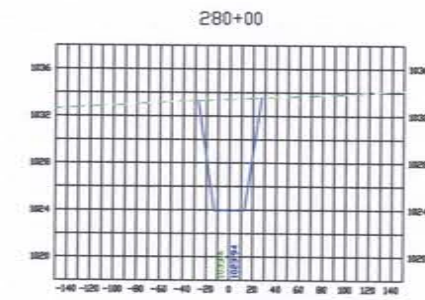
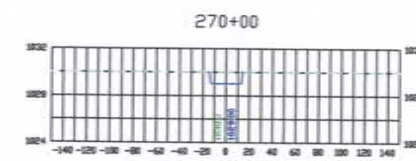
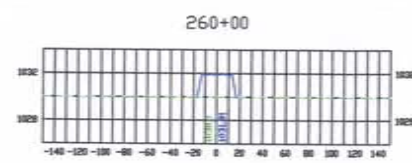
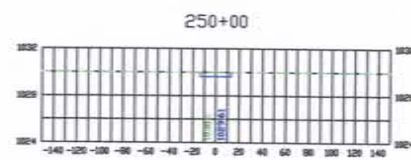
- 1) Profiles are vertically exaggerated
- 2) Profiles subject to revision in accordance with final engineering design



SGR - Modified Medina Dam Route

Notes:

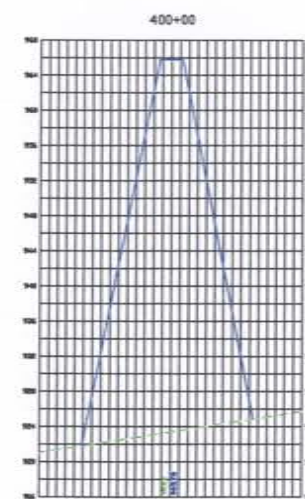
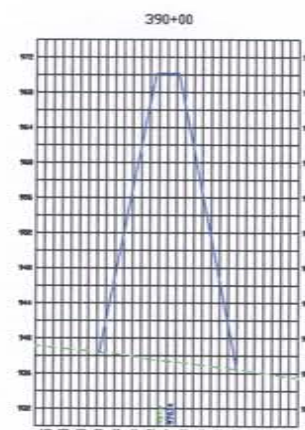
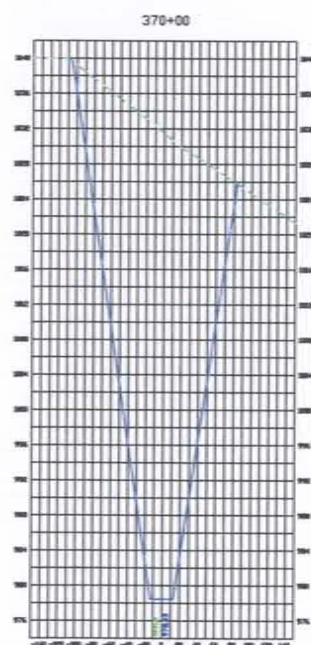
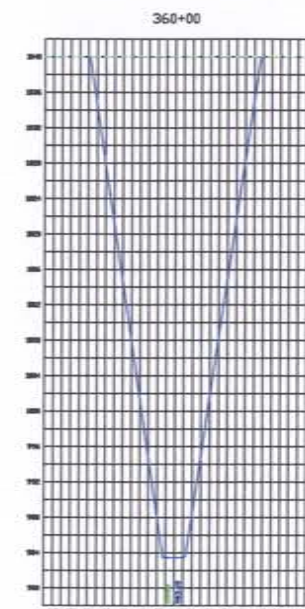
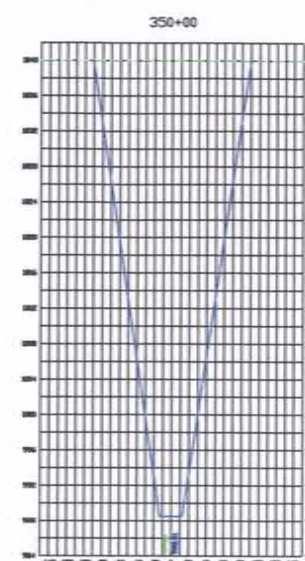
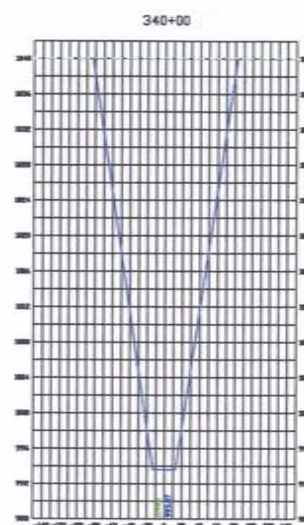
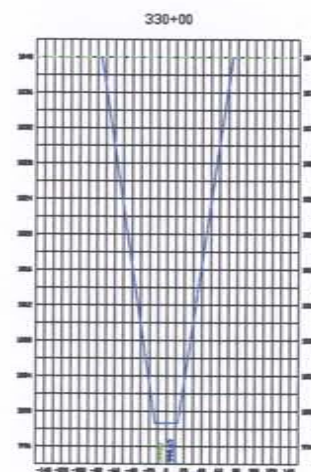
- 1) Profiles are vertically exaggerated
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SGR - Modified Medina Dam Route

Notes:

- 1) Profiles are vertically exaggerated
- 2) Profiles subject to revision in accordance with final engineering design

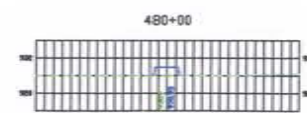
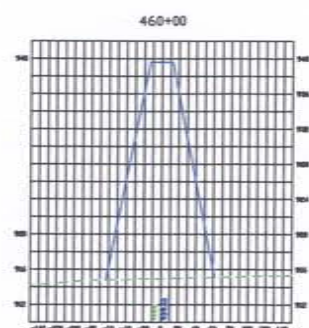
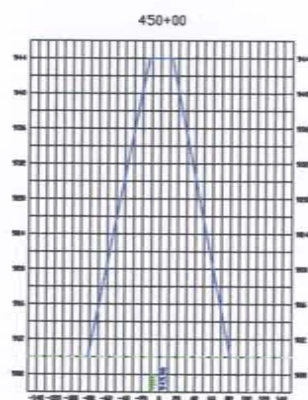
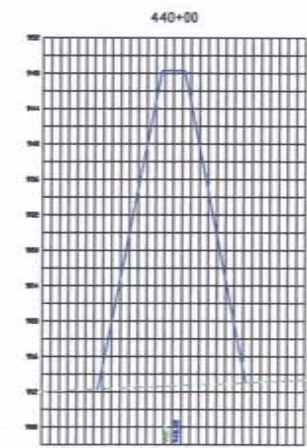
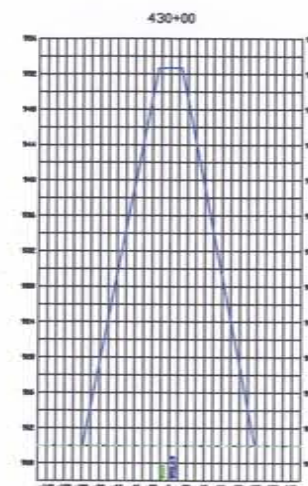
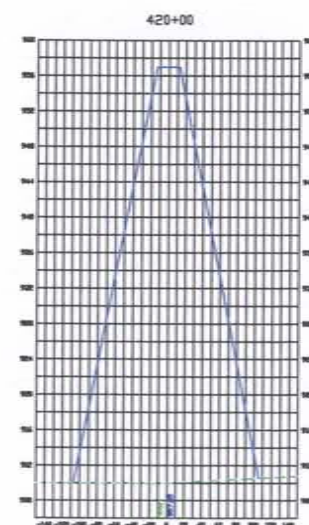
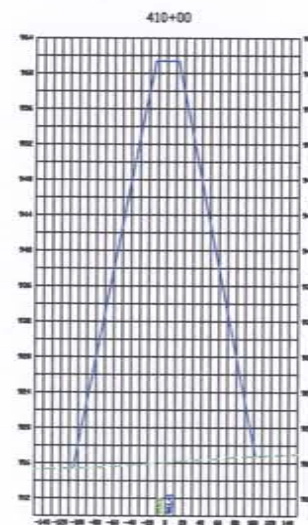


SGR - Modified Medina Dan Route

Notes:

- 1) Profiles are vertically exaggerated
- 2) Profiles subject to revision in accordance with final engineering design

Existing Elevation
Proposed Elevation

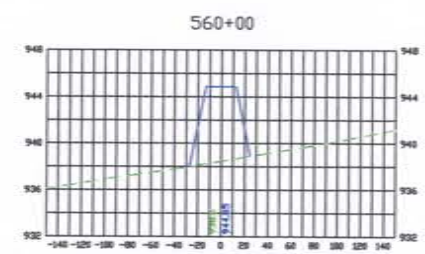
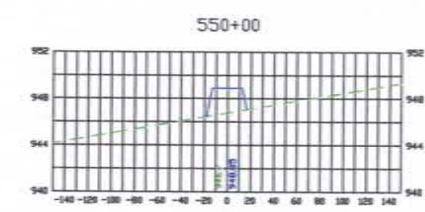
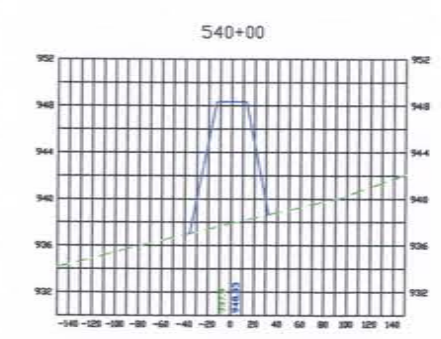
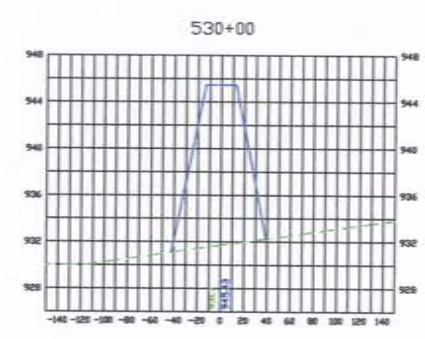
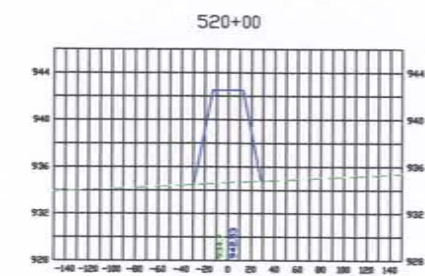
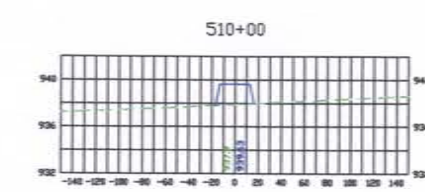
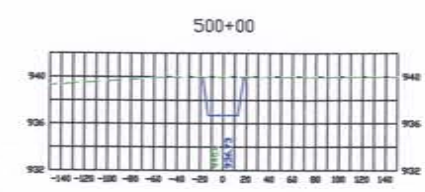
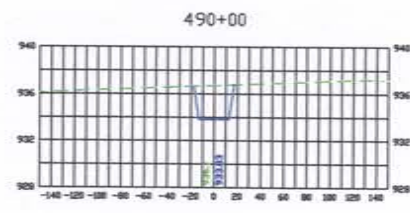


SGR - Modified Medina Den Route

Notes:

- 1) Profiles are vertically exaggerated
- 2) Profiles subject to revision in accordance with final engineering design

Existing Elevation
Proposed Elevation

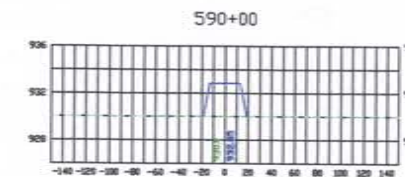
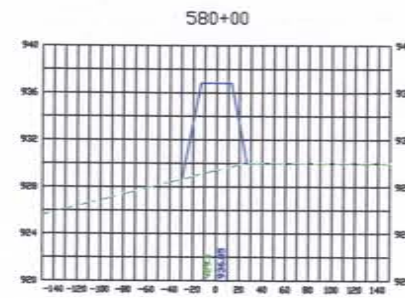
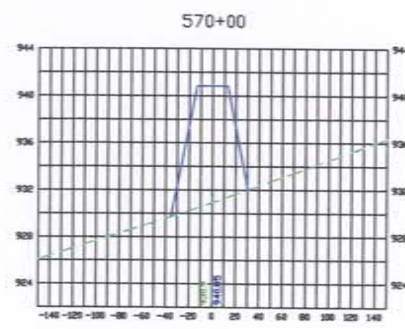


SGR - Modified Medina Dam Route

Notes:

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Existing Elevation
Proposed Elevation

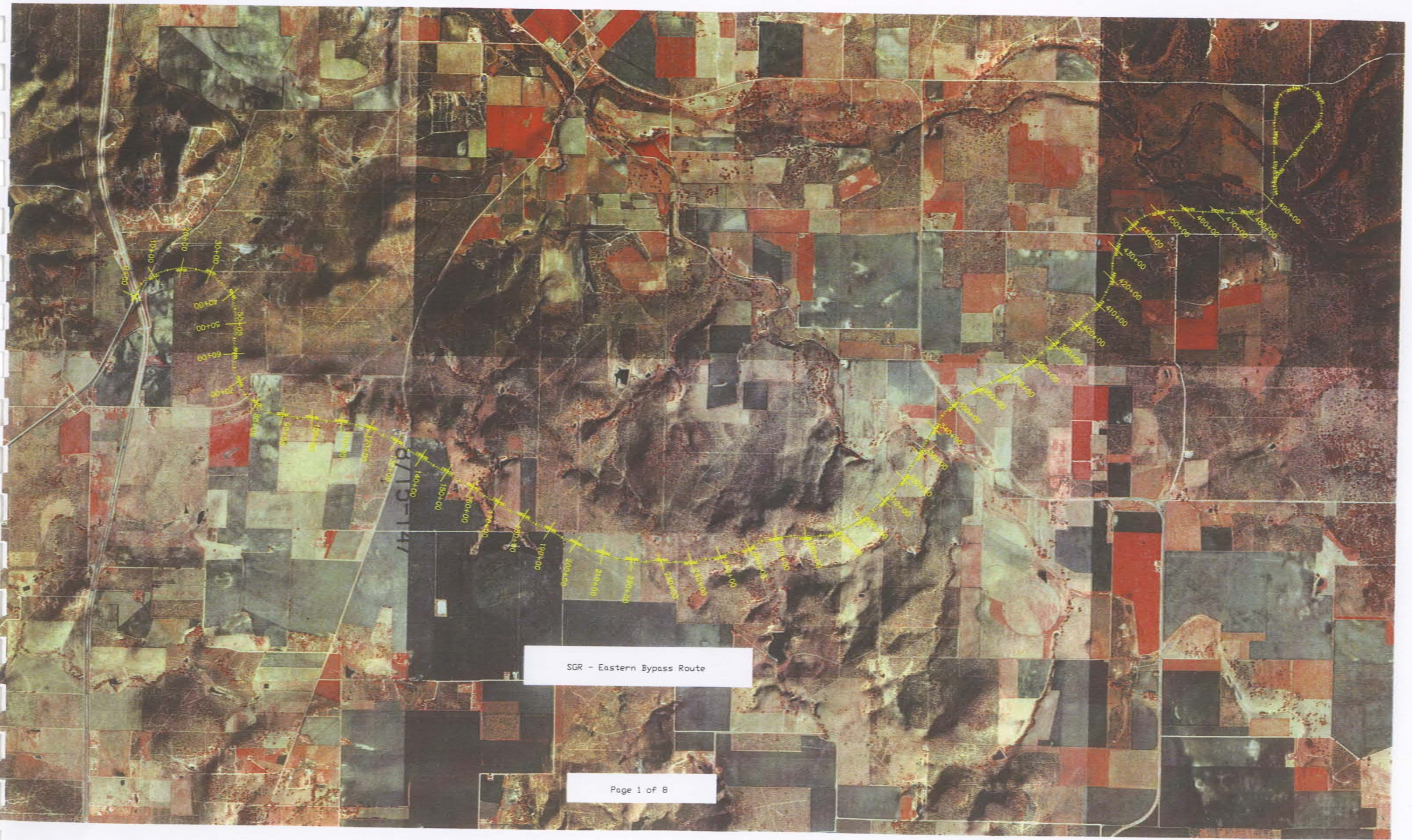


SGR - Modified Medina Dam Route

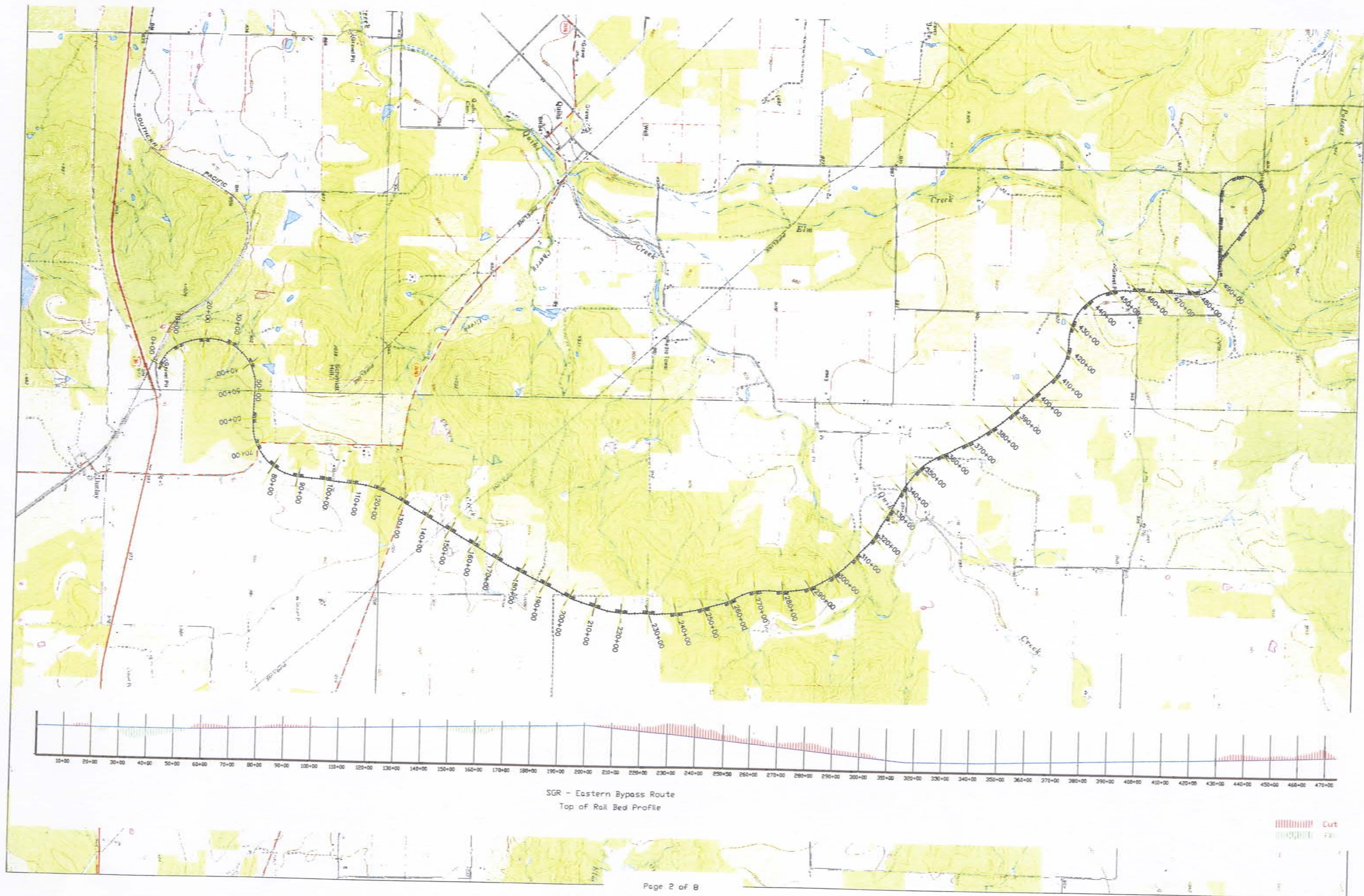
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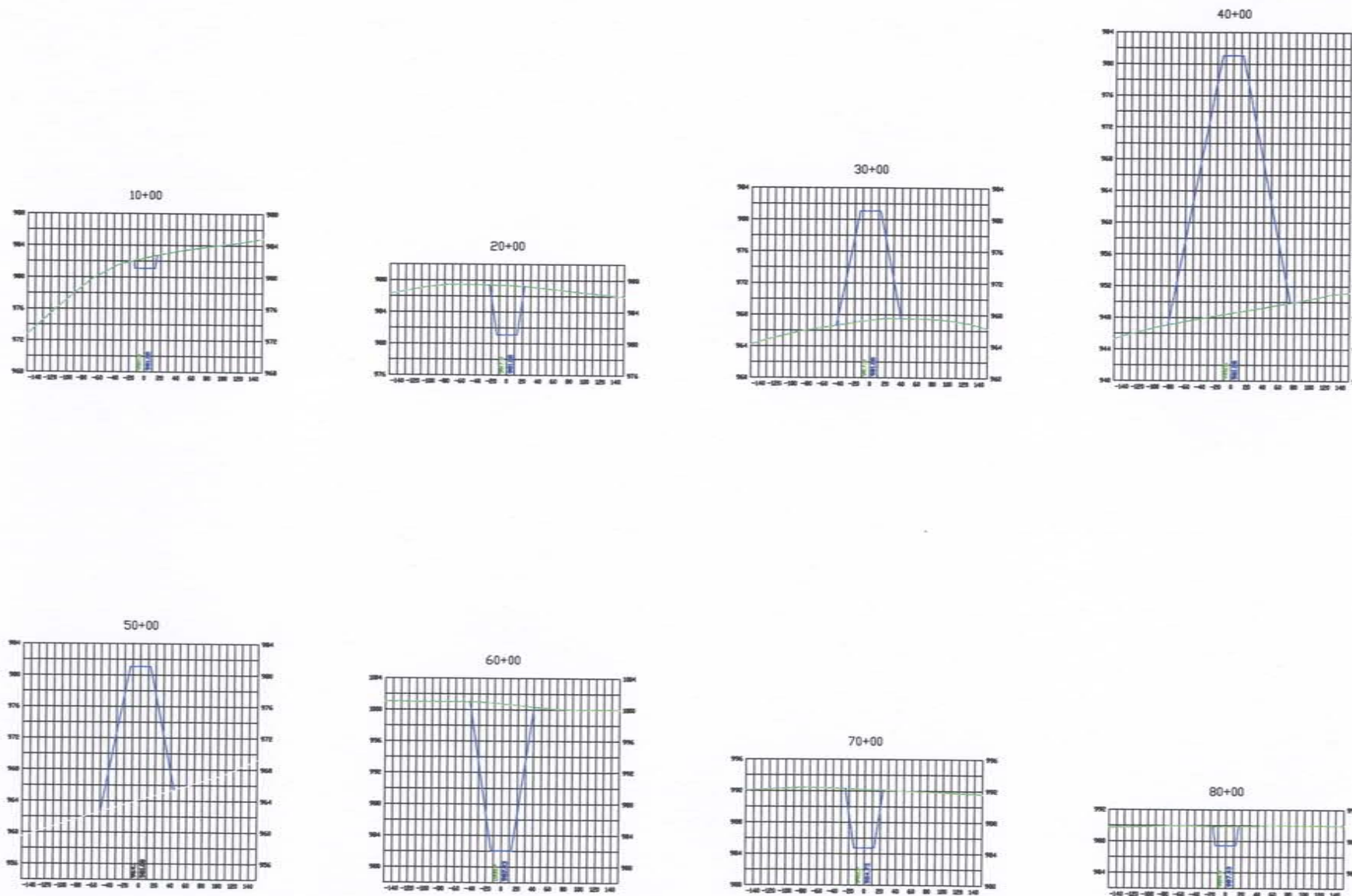
- 1) Profiles are vertically exaggerated
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Existing Elevation
Proposed Elevation



SGR - Eastern Bypass Route



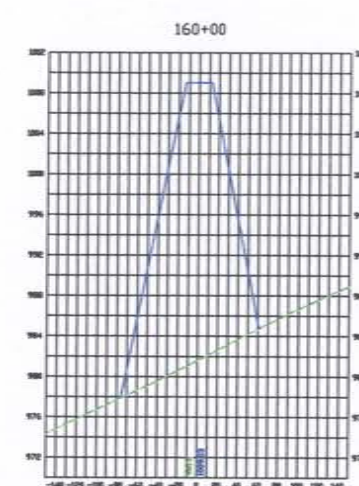
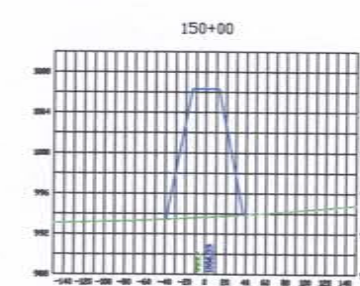
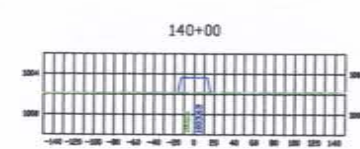
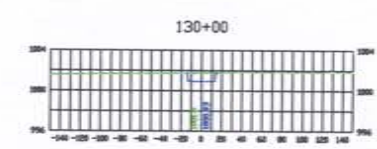
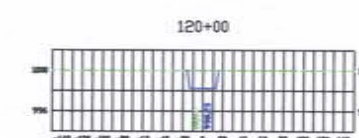
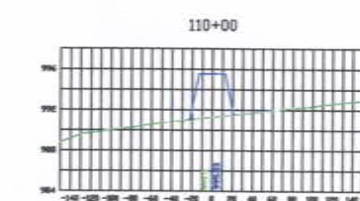
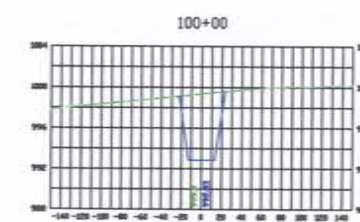
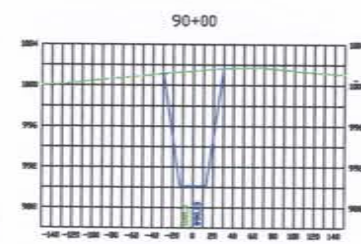


SGR - Eastern Bypass Route

Notes:

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- 2) Profiles subject to change in accordance with final engineering design



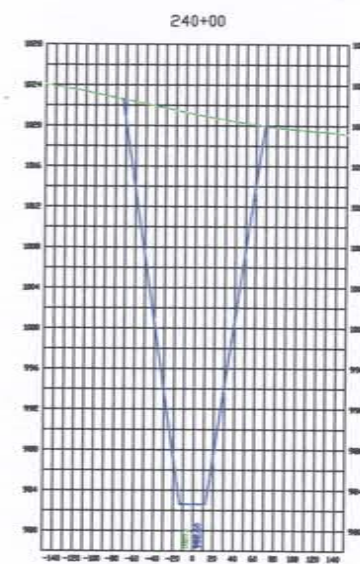
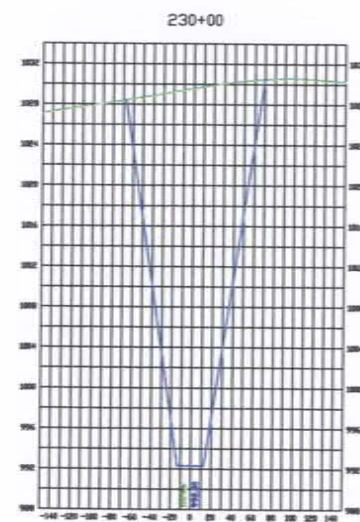
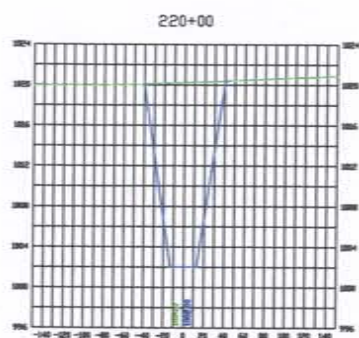
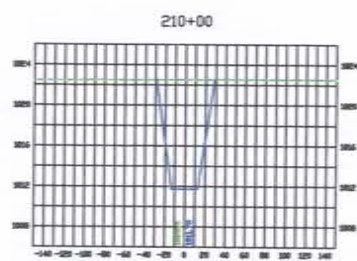
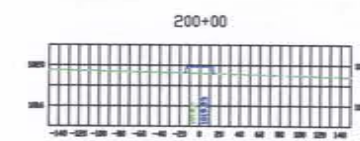
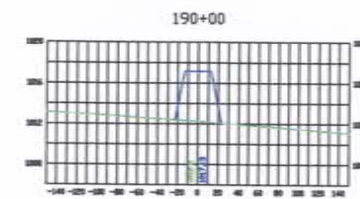
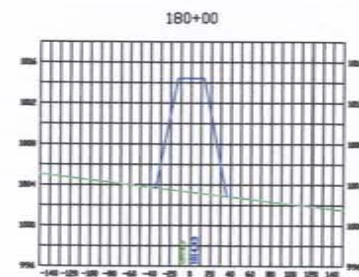
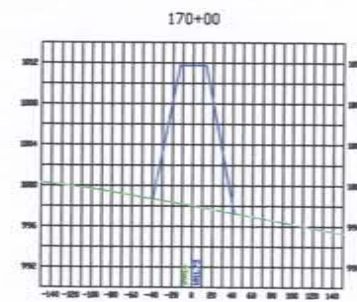


SGR - Eastern Bypass Route

Notes:

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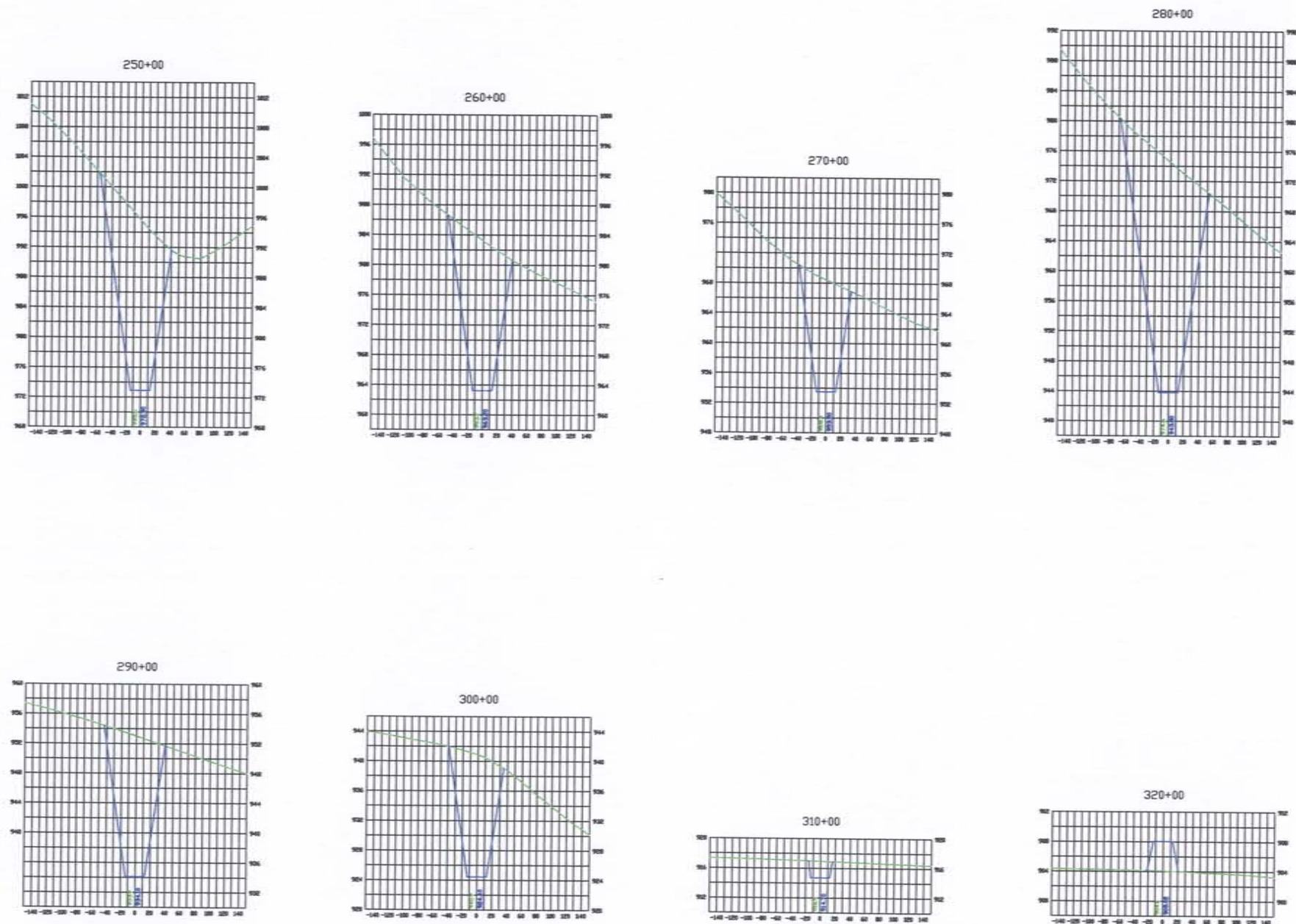


SGR - Eastern Bypass Route

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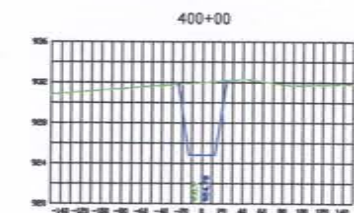
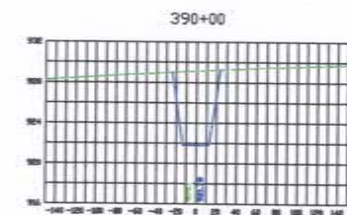
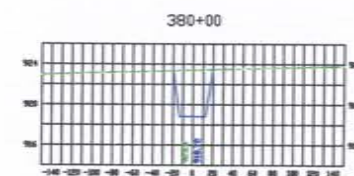
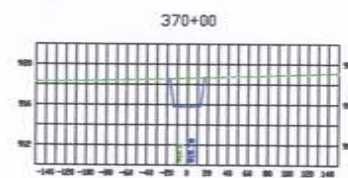
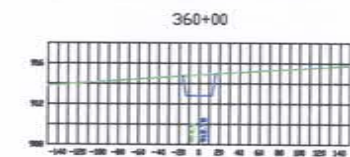
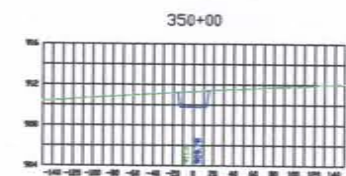
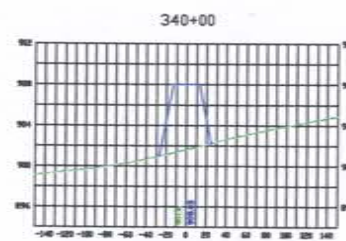
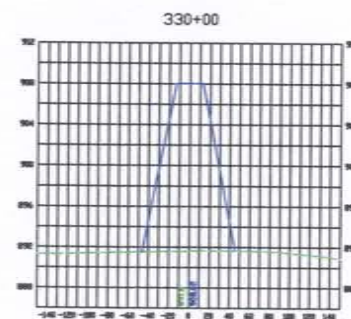




SGR - Eastern Bypass Route

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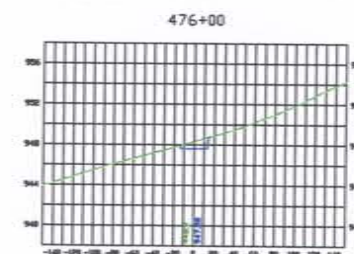
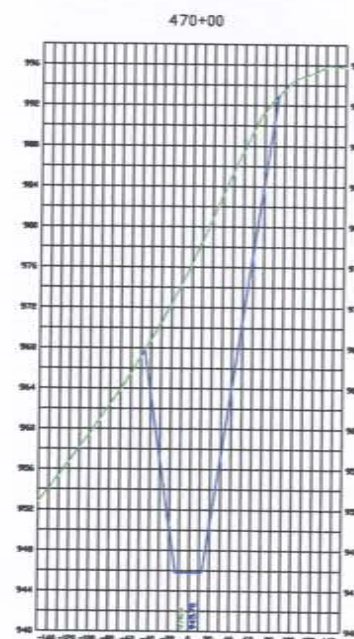
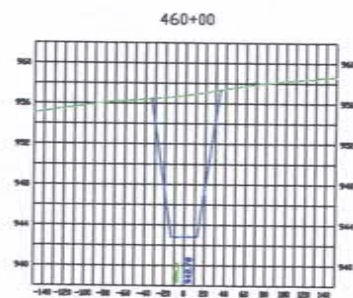
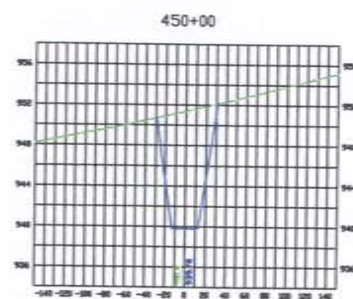
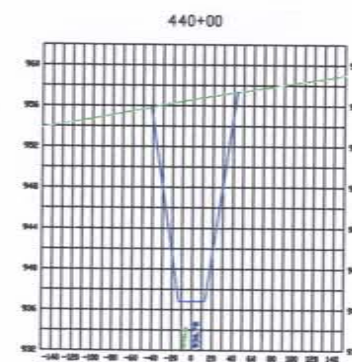
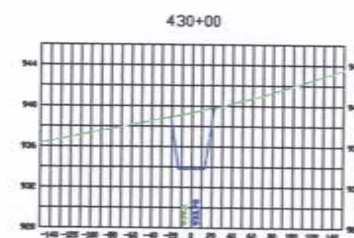
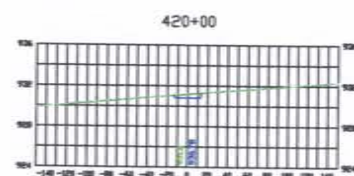
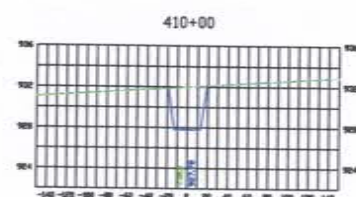


SGR - Eastern Bypass Route

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Existing Elevation
Proposed Elevation



SGR - Eastern Bypass Route

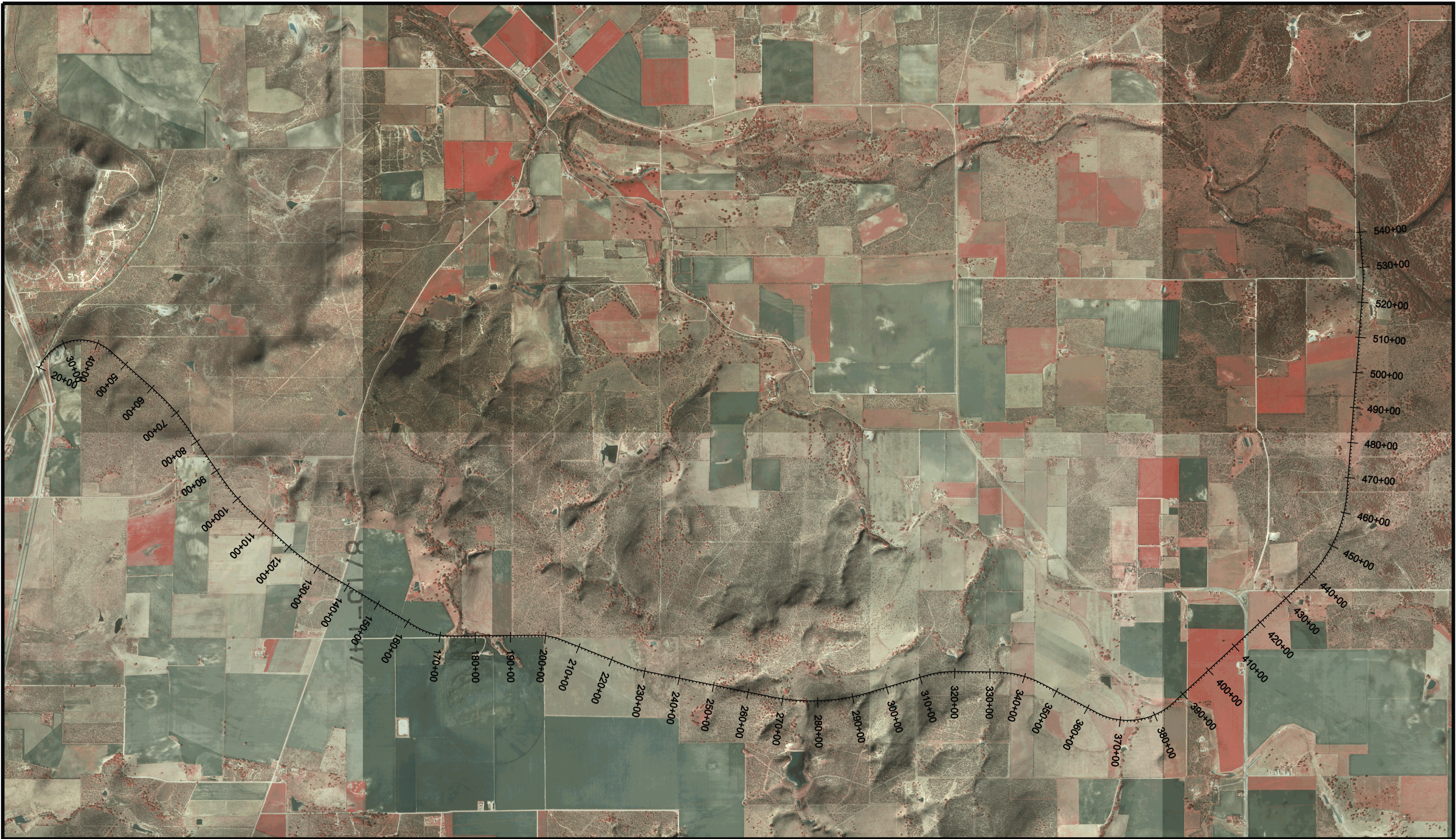
Notes:

- 1) Profiles are vertically exaggerated
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Existing Elevation
Proposed Elevation

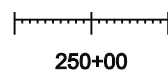
Appendix E

MCEAA Medina Dam Alternative Plans, Profiles, and Cross Sections



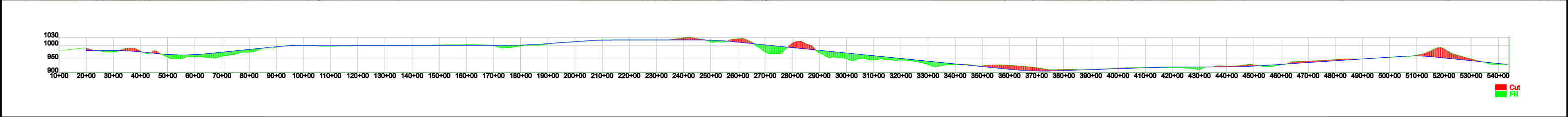
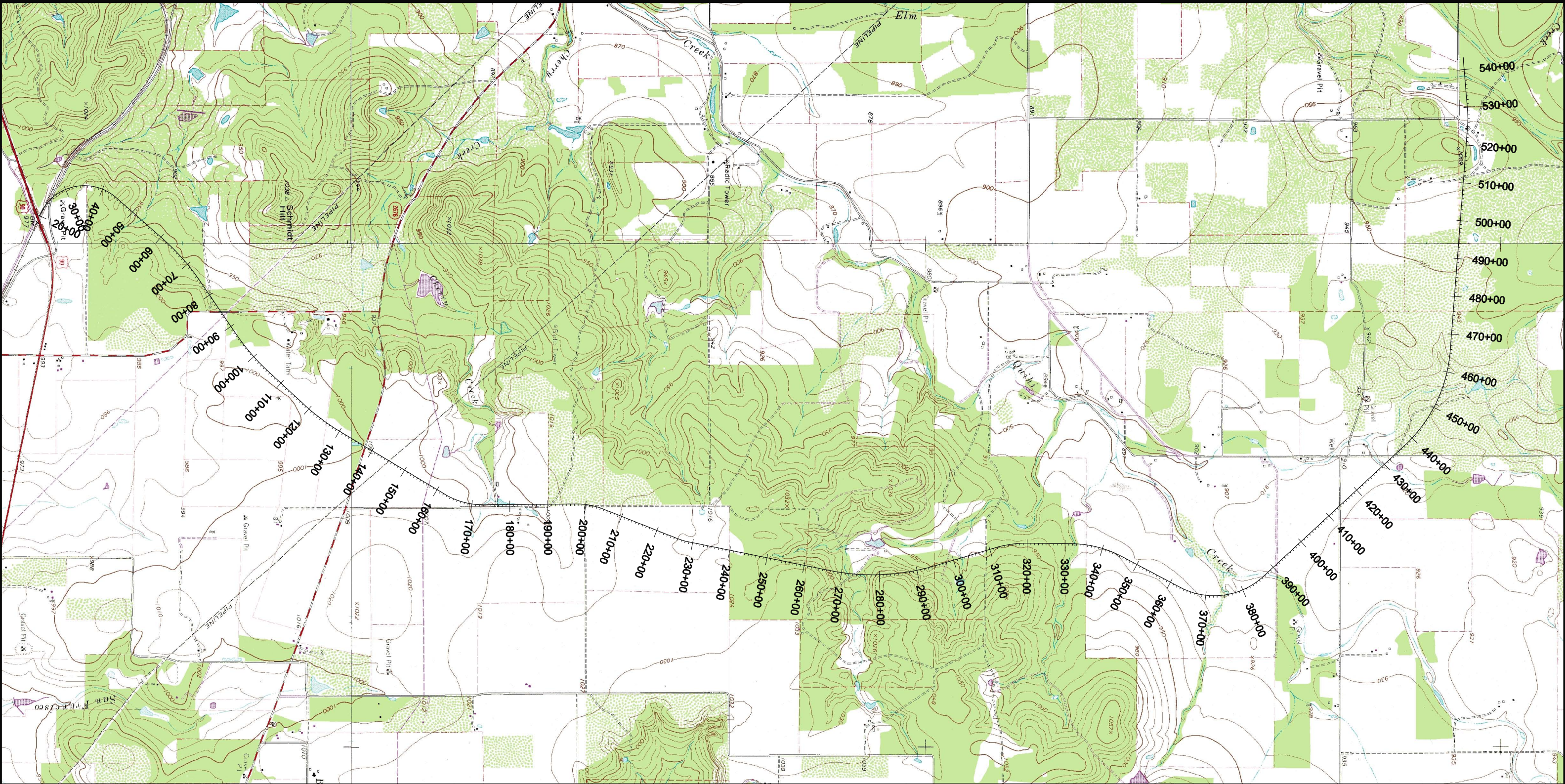
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Legend



Track Alignment
Alignment Stationing

Appendix E
Southwest Gulf Railroad
MCEAA Medina Dam Alternative
Proposed Route



0 0.5 1 Miles

N

Legend

250+00

Track Alignment
Alignment Stationing

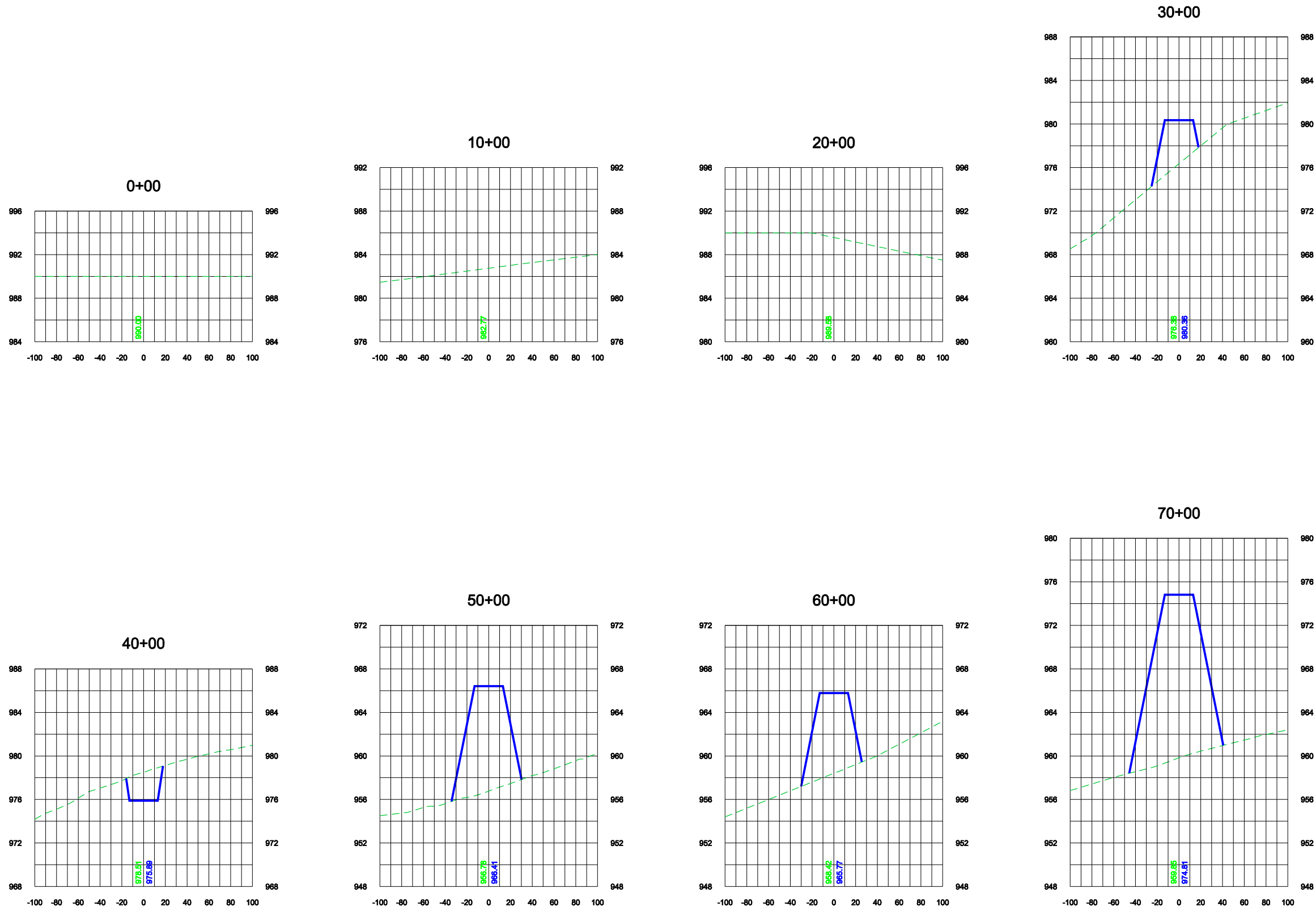
Appendix E

Southwest Gulf Railroad

MCEAA Medina Dam Alternative

Proposed Route & Profile sheet

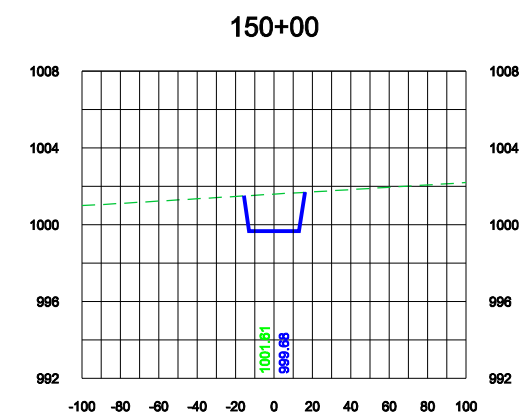
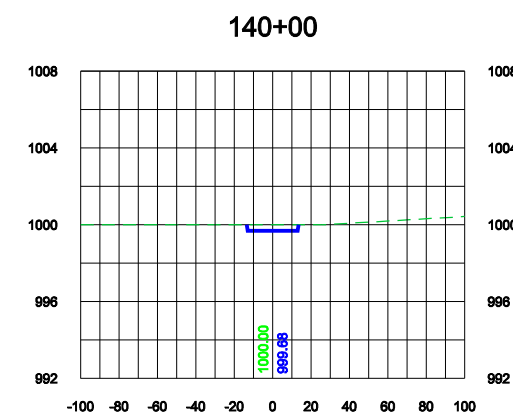
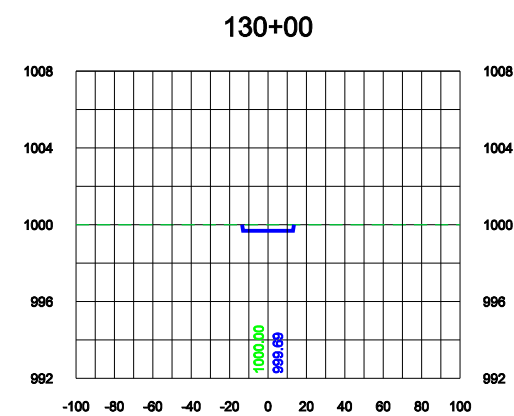
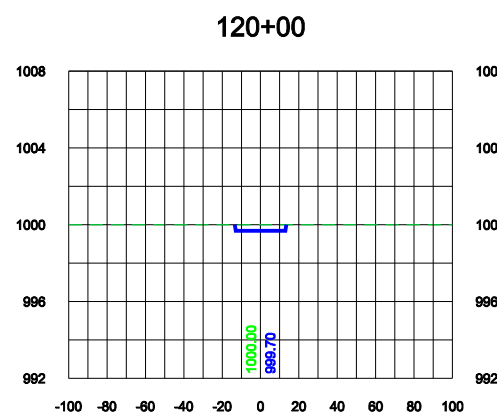
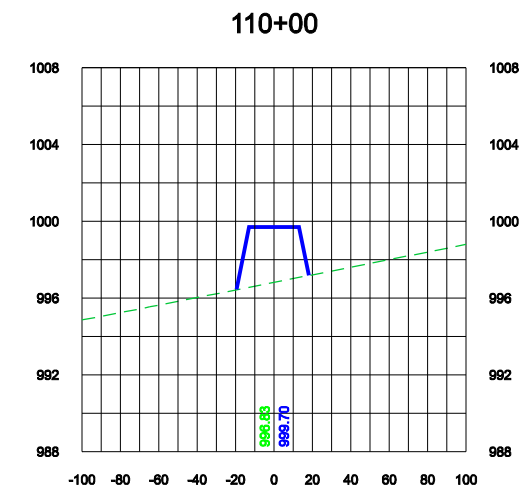
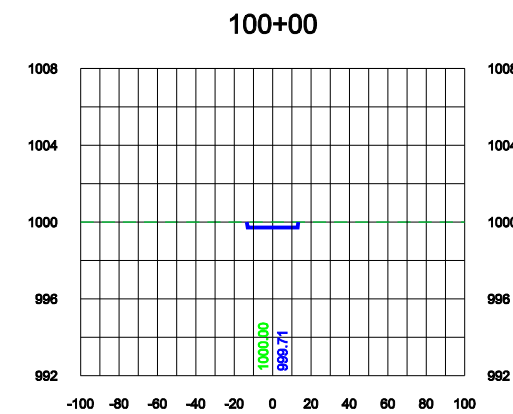
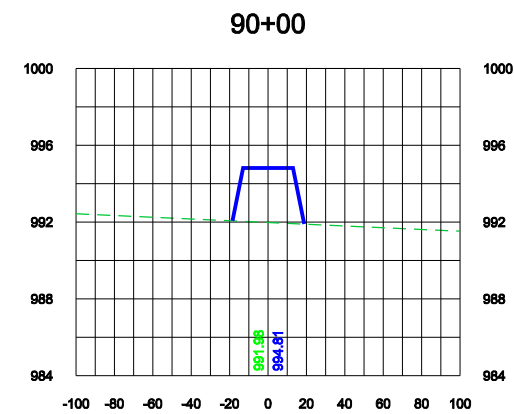
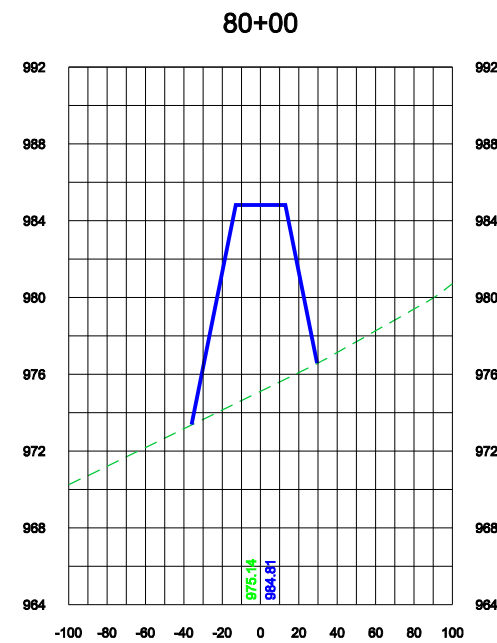
Page 2 of 9



- Notes:
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Legend

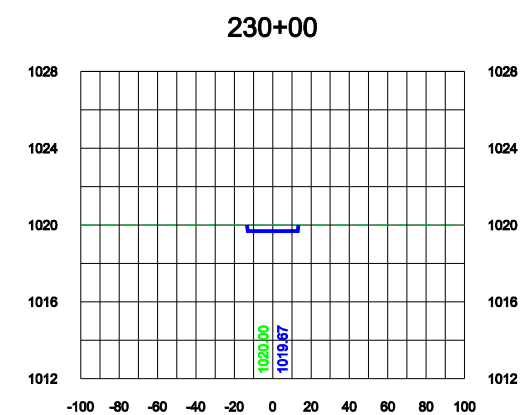
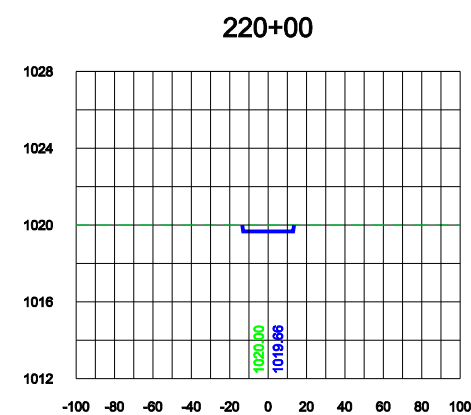
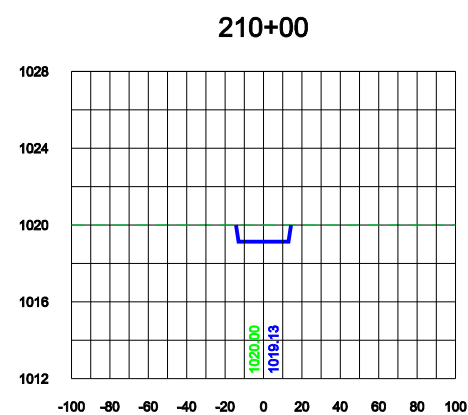
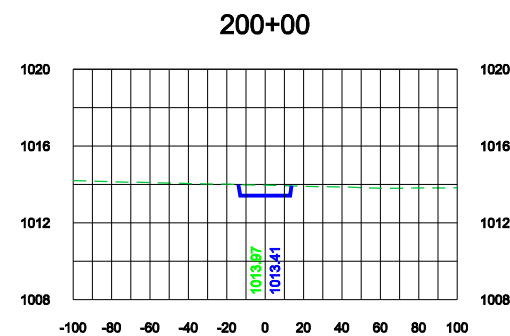
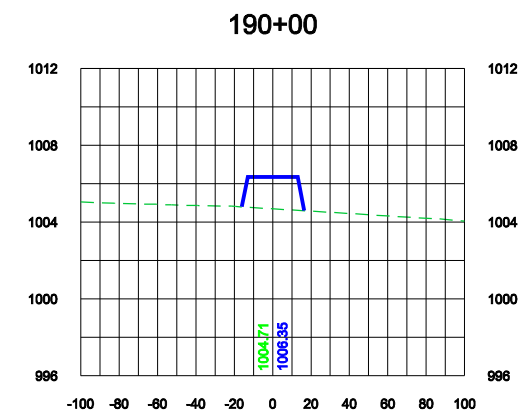
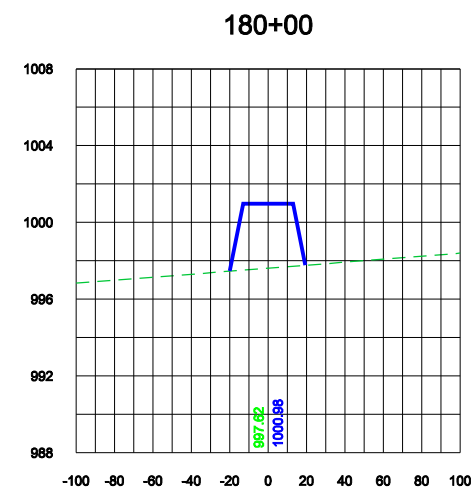
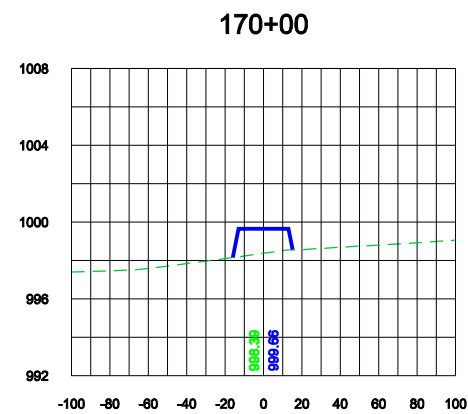
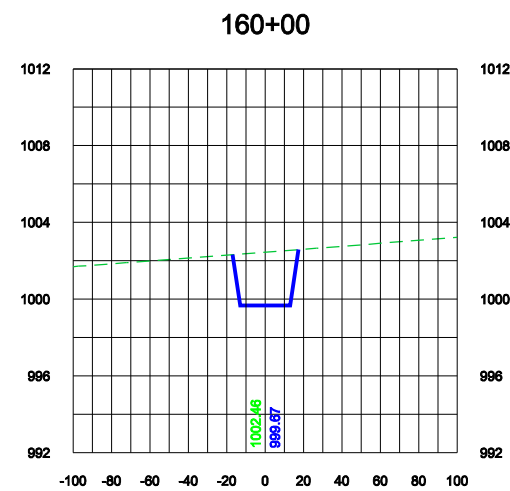
- Existing Ground
- Proposed Track section
- 958.42 Elevation Of Existing Ground At Track Centerline
- 965.77 Elevation Of Proposed Track At Track Centerline



- Notes:
- 1) Profiles are vertically exaggerated
 - 2) Profiles subject to revision in accordance with final engineering design

Legend

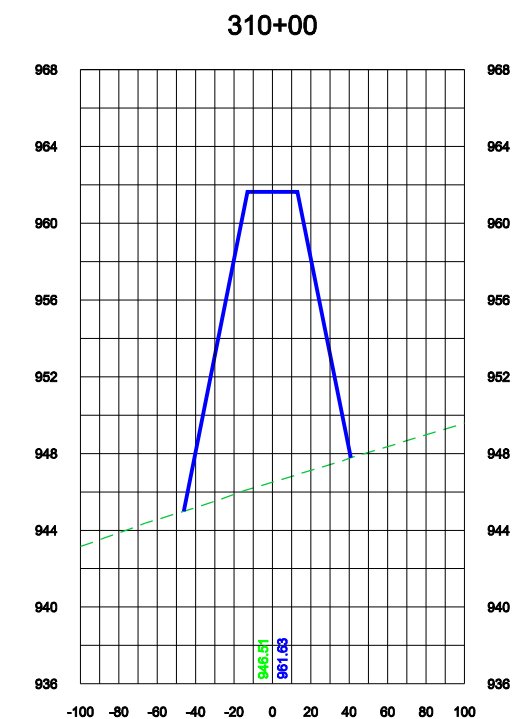
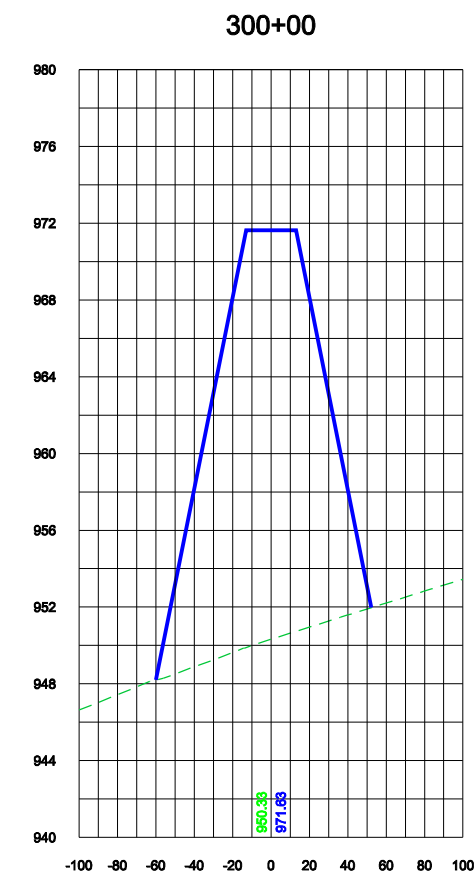
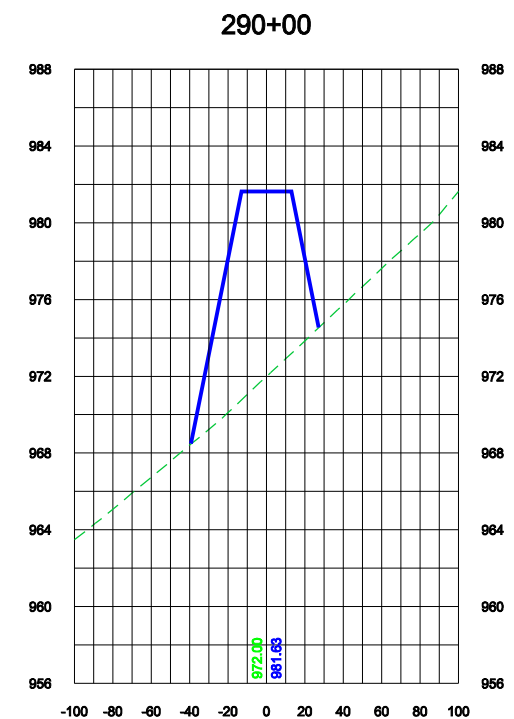
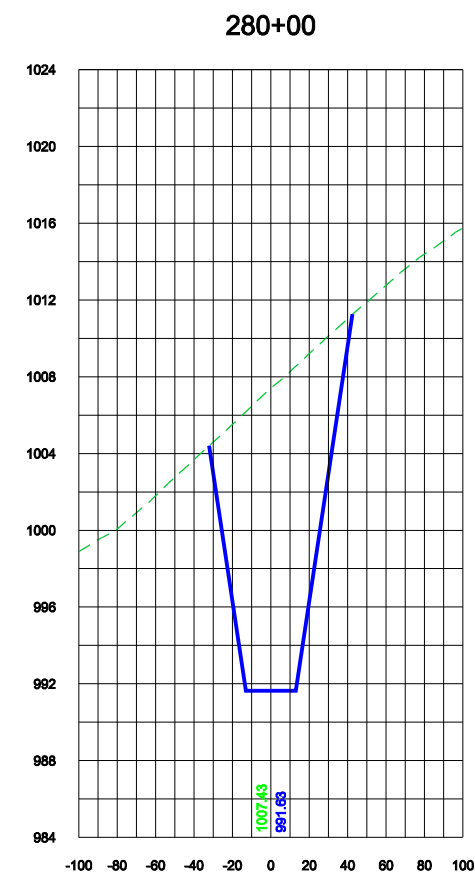
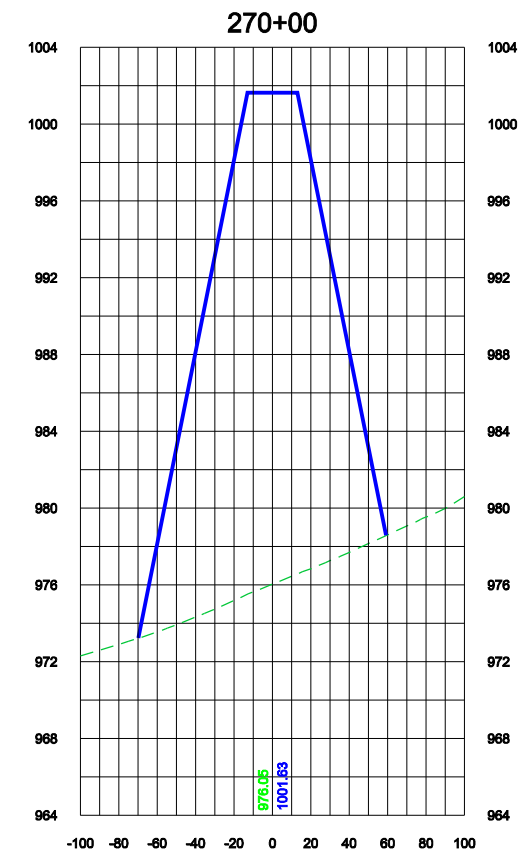
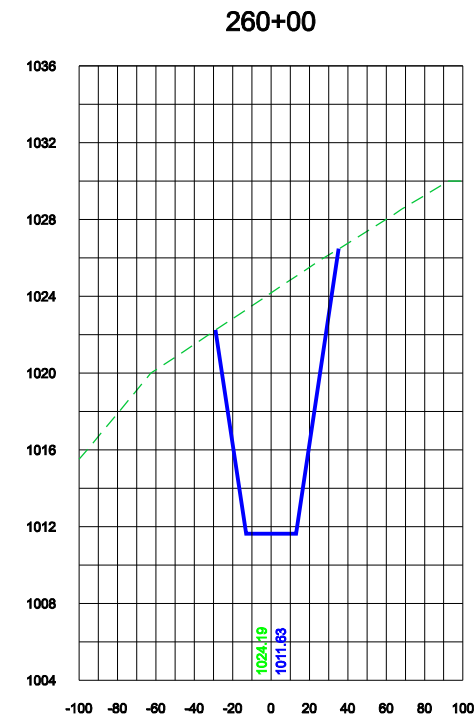
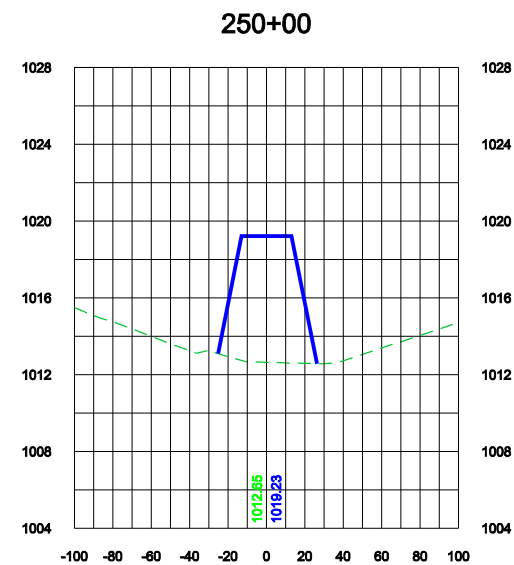
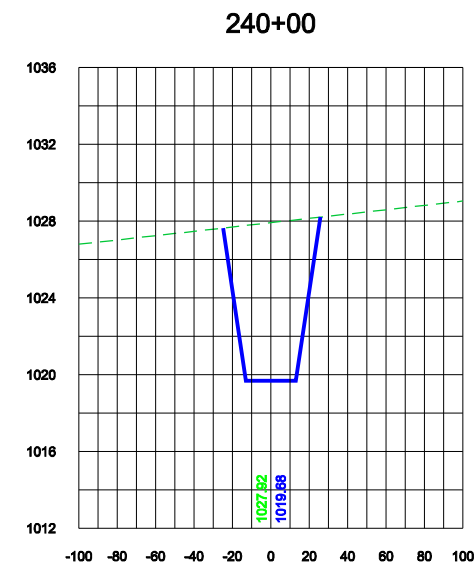
- Existing Ground
- Proposed Track section
- 958.42 Elevation Of Existing Ground At Track Centerline
- 965.77 Elevation Of Proposed Track At Track Centerline



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Legend

- Existing Ground
- Proposed Track section
- 958.42 Elevation Of Existing Ground At Track Centerline
- 965.77 Elevation Of Proposed Track At Track Centerline



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Legend

 Existing Ground

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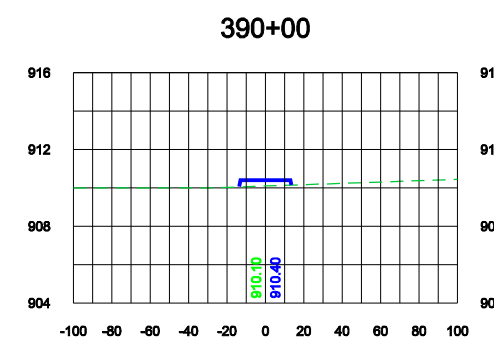
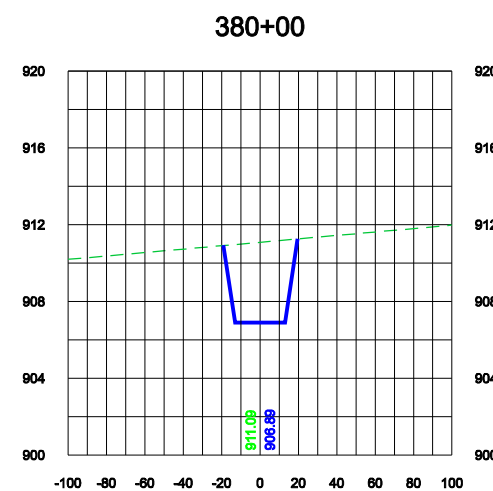
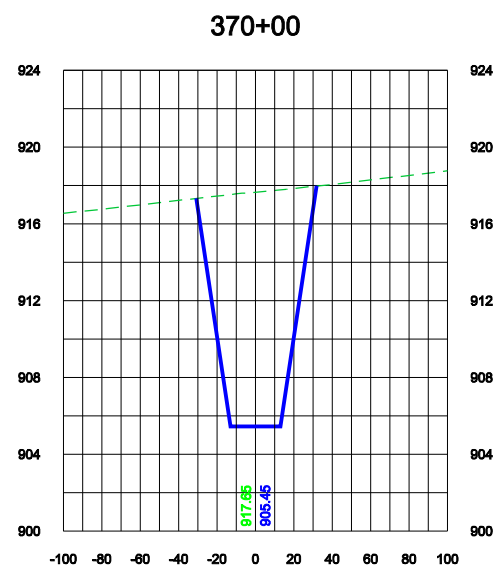
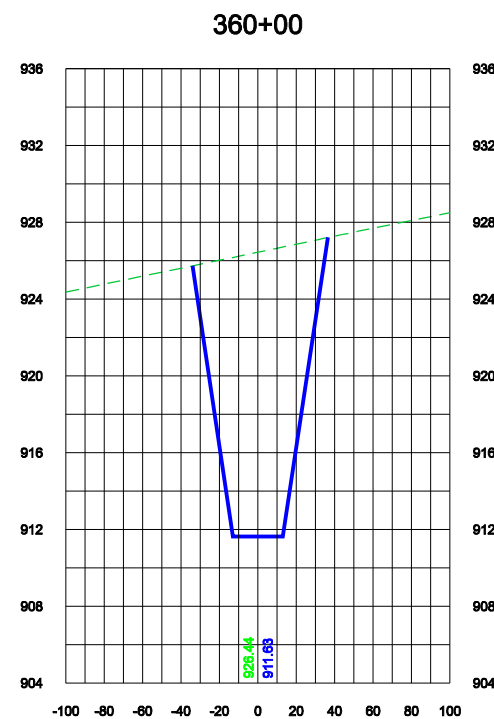
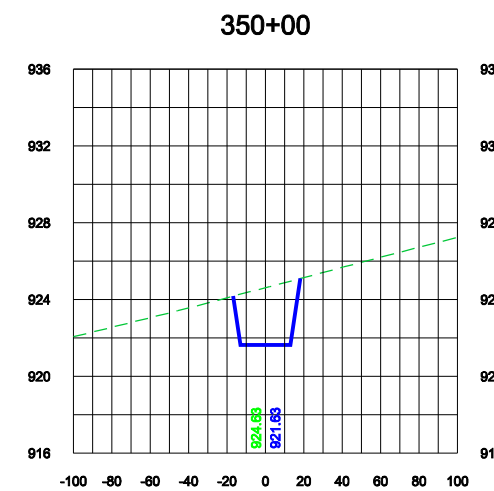
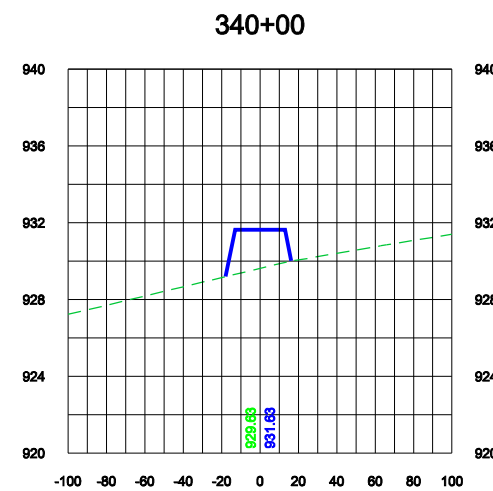
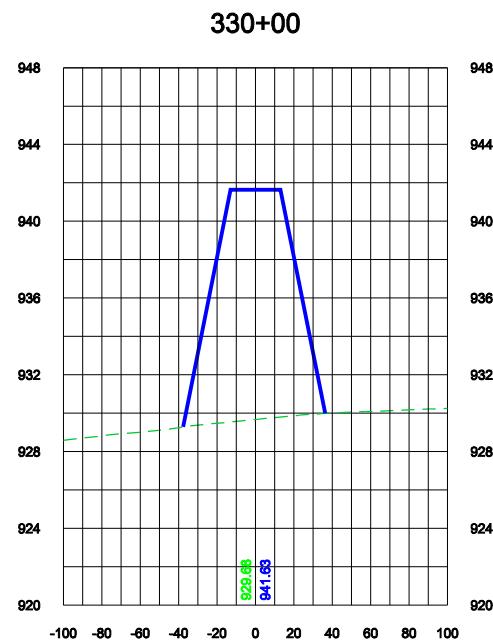
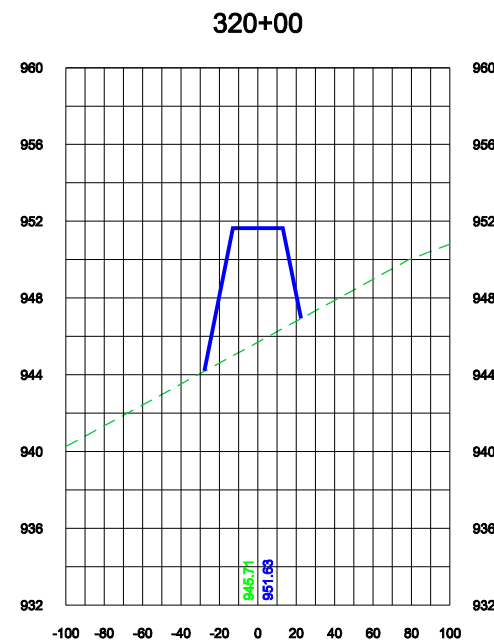
 Proposed Track section

958.42

 Elevation Of Existing Ground At Track Centerline

965.77

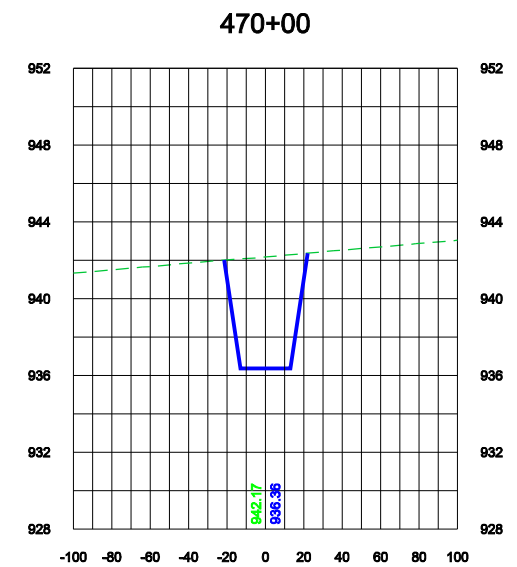
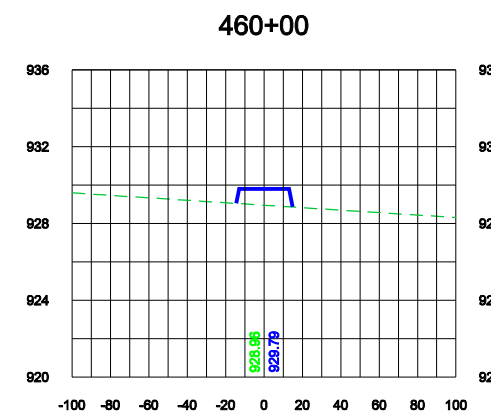
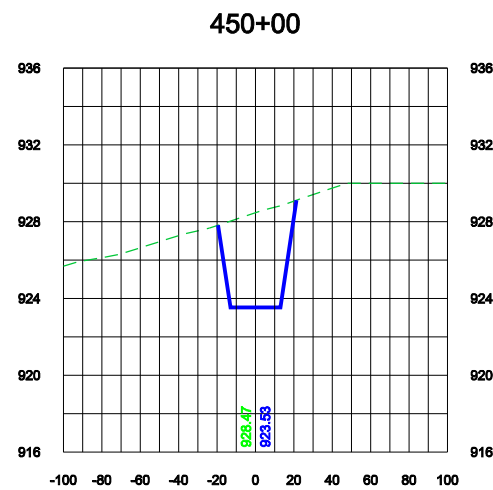
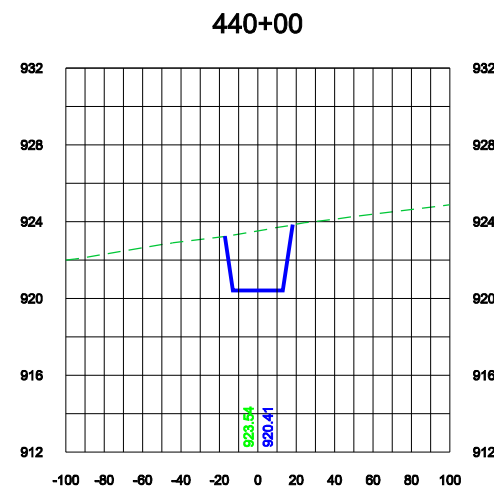
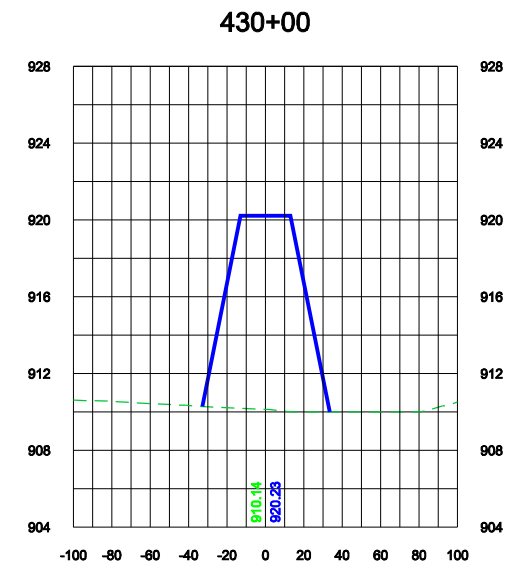
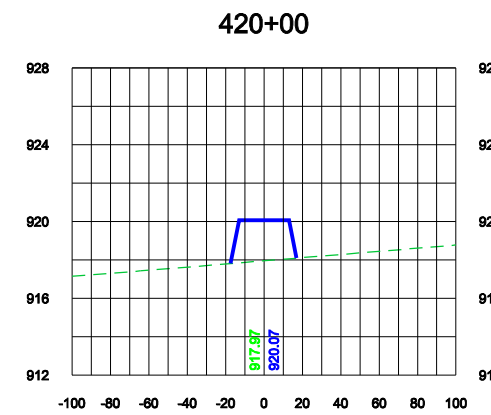
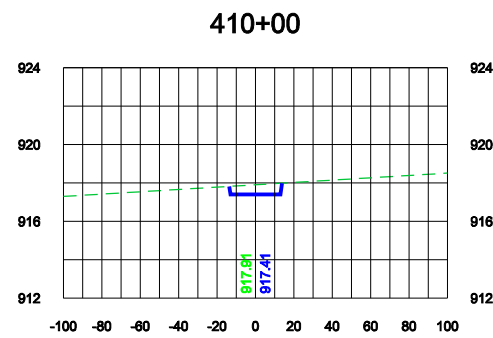
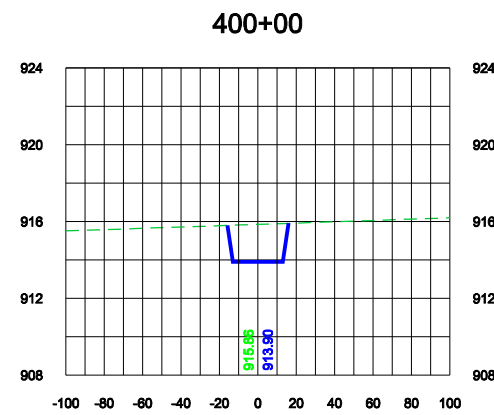
 Elevation Of Proposed Track At Track Centerline



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 2) Profiles subject to revision in accordance with final engineering design

Legend

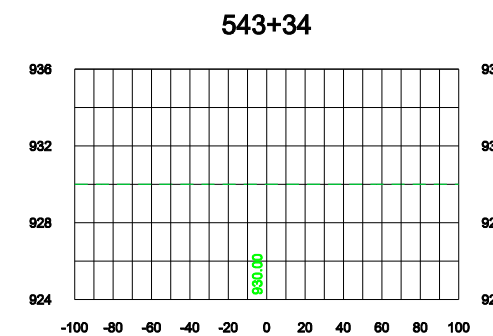
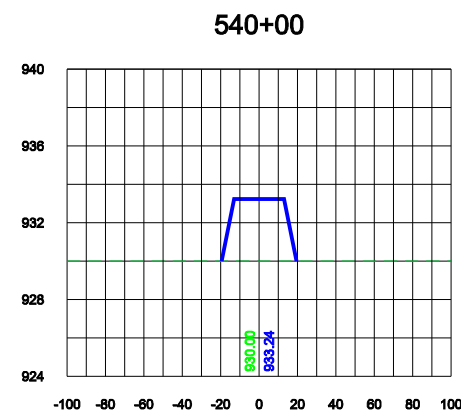
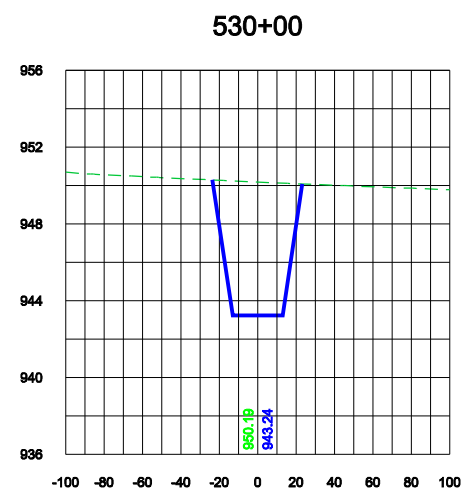
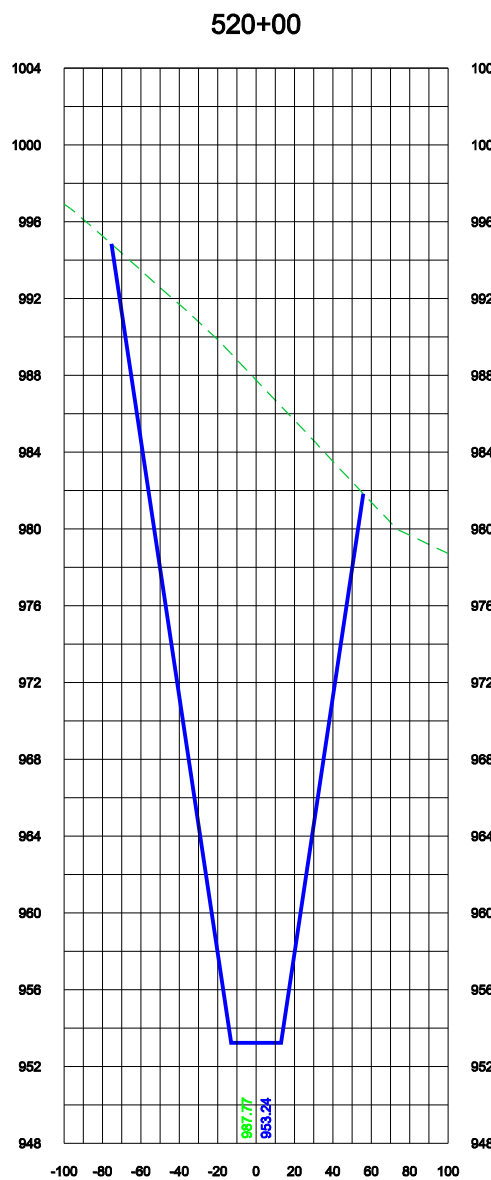
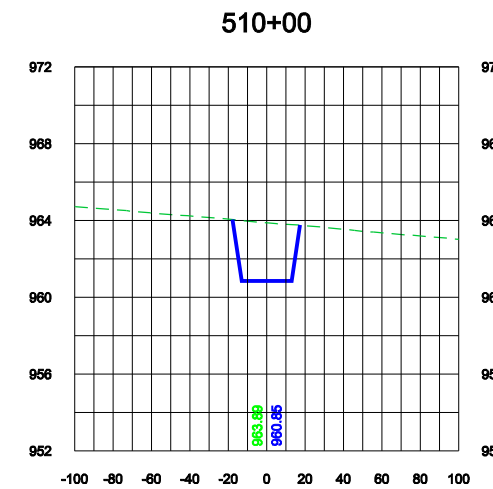
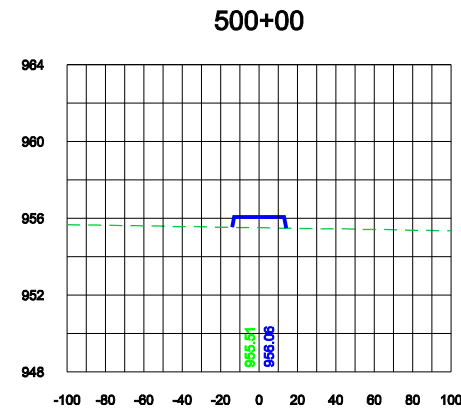
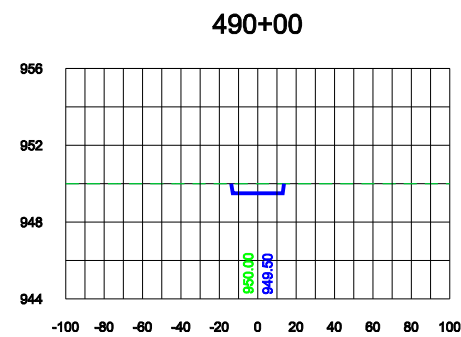
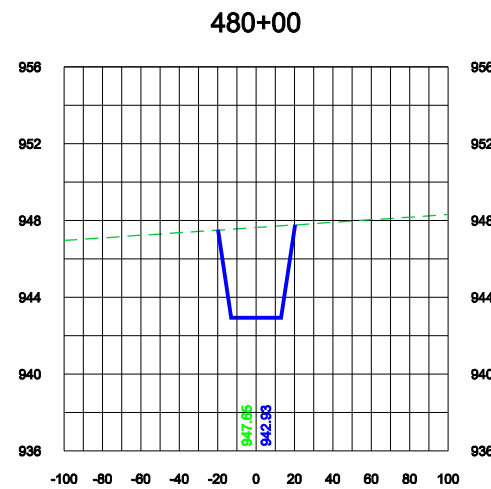
- - - - - Existing Ground
 _____ Proposed Track section
 958.42 Elevation Of Existing Ground At Track Centerline
 965.77 Elevation Of Proposed Track At Track Centerline



Notes:
 1) Profiles are vertically exaggerated
 2) Profiles subject to revision in accordance with final engineering design

Legend

- - - - - Existing Ground
 - - - - - Proposed Track section
 958.42 Elevation Of Existing Ground At Track Centerline
 965.77 Elevation Of Proposed Track At Track Centerline



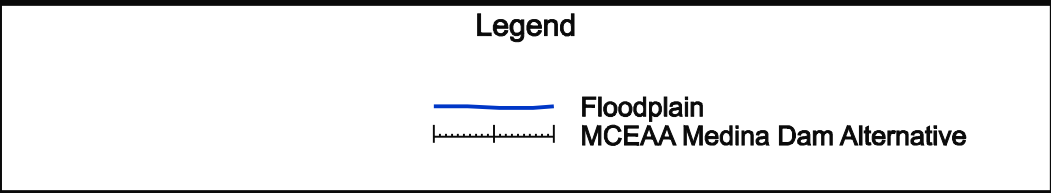
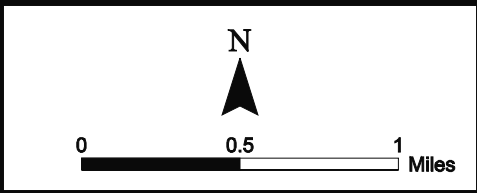
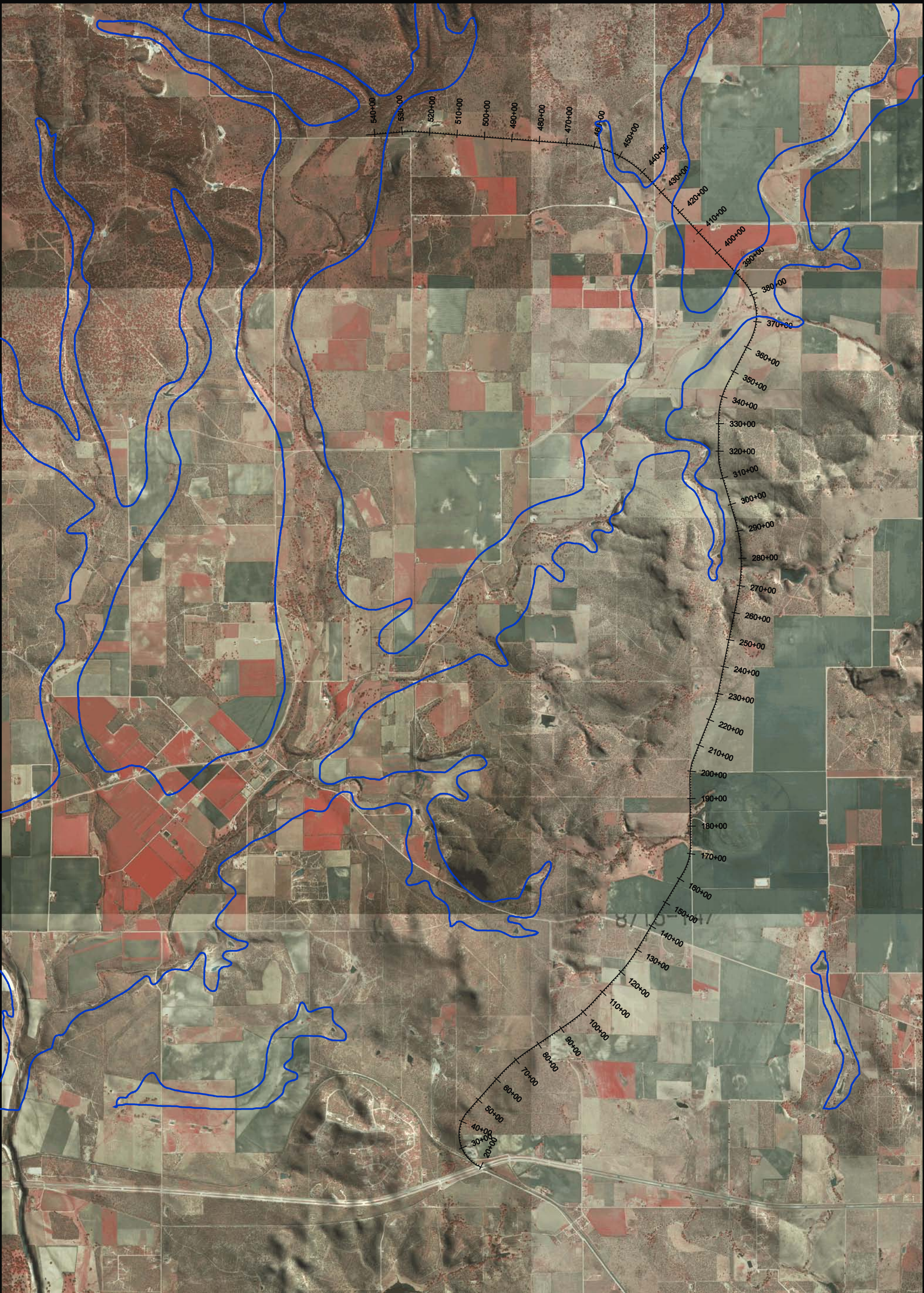
Notes:
1) Profiles are vertically exaggerated
2) Profiles subject to revision in accordance with final engineering design

Legend

--- Existing Ground
— Proposed Track section
958.42 Elevation Of Existing Ground At Track Centerline
965.77 Elevation Of Proposed Track At Track Centerline

Appendix E
Southwest Gulf Railroad
MCEAA Medina Dam Alternative
Cross Sections

Appendix F
MCEAA Medina Dam Alternative Floodplain Map



Appendix G

SGR End-Area Measurements and SEA's Earthwork Volume Calculations

Alternative 1 Earthwork

ALT 1 - EARTHWORK						
	CUTA	FILLA	CUTV	FILLV	CUMCUTV	CUMFILLV
0+00	1.22	1.24				
			5.39	1.16	5.39	1.16
0+50	4.6	0.01				
			7.88	0.01	13.27	1.17
1+00	3.91	0				
			3.79	0.17	17.06	1.33
1+50	0.18	0.18				
			0.17	6.75	17.22	8.08
2+00	0	7.11				
			0.00	20.15	17.22	28.23
2+50	0	14.65				
			0.00	33.68	17.22	61.91
3+00	0	21.72				
			0.00	47.01	17.22	108.92
3+50	0	29.05				
			0.00	60.80	17.22	169.71
4+00	0	36.61				
			0.00	75.02	17.22	244.73
4+50	0	44.41				
			0.00	89.70	17.22	334.44
5+00	0	52.47				
			0.00	104.56	17.22	438.99
5+50	0	60.45				
			0.00	119.02	17.22	558.01
6+00	0	68.09				
			0.00	122.96	17.22	680.97
6+50	0	64.71				
			0.00	112.68	17.22	793.65
7+00	0	56.98				
			0.00	108.62	17.22	902.27
7+50	0	60.33				
			0.00	119.61	17.22	1021.88
8+00	0	68.85				
			0.00	124.44	17.22	1146.32
8+50	0	65.55				
			0.00	113.42	17.22	1259.74
9+00	0	56.94				
			0.00	105.66	17.22	1365.40
9+50	0	57.17				
			0.00	106.81	17.22	1472.21
10+00	0	58.19				
			0.00	100.39	17.22	1572.60
10+50	0	50.23				
			0.00	82.47	17.22	1655.07
11+00	0	38.84				
			0.00	67.80	17.22	1722.87
11+50	0	34.38				
			0.00	64.61	17.22	1787.48

12+00	0	35.4				
			0.00	58.92	17.22	1846.40
12+50	0	28.23				
			0.00	42.71	17.22	1889.11
13+00	0	17.9				
			0.00	24.23	17.22	1913.34
13+50	0	8.27				
			0.83	7.66	18.06	1921.00
14+00	0.9	0				
			0.83	2.58	18.89	1923.58
14+50	0	2.79				
			0.00	13.44	18.89	1937.03
15+00	0	11.73				
			0.00	43.63	18.89	1980.66
15+50	0	35.39				
			0.00	98.34	18.89	2079.00
16+00	0	70.82				
			0.00	156.34	18.89	2235.34
16+50	0	98.03				
			0.00	203.06	18.89	2438.41
17+00	0	121.28				
			0.00	246.56	18.89	2684.97
17+50	0	145.01				
			0.00	289.83	18.89	2974.81
18+00	0	168.01				
			0.00	319.81	18.89	3294.62
18+50	0	177.39				
			0.00	331.12	18.89	3625.74
19+00	0	180.22				
			0.00	336.40	18.89	3962.14
19+50	0	183.09				
			0.00	341.70	18.89	4303.84
20+00	0	185.95				
			0.00	347.28	18.89	4651.12
20+50	0	189.11				
			0.00	353.31	18.89	5004.44
21+00	0	192.47				
			0.00	349.05	18.89	5353.48
21+50	0	184.5				
			0.00	326.52	18.89	5680.00
22+00	0	168.14				
			0.00	333.31	18.89	6013.31
22+50	0	191.84				
			0.00	400.20	18.89	6413.52
23+00	0	240.38				
			0.00	494.77	18.89	6908.29
23+50	0	293.97				
			0.00	601.04	18.89	7509.32
24+00	0	355.15				
			0.00	705.21	18.89	8214.54
24+50	0	406.48				
			0.00	799.90	18.89	9014.44

25+00	0	457.41				
			0.00	881.39	18.89	9895.82
25+50	0	494.49				
			0.00	937.32	18.89	10833.15
26+00	0	517.82				
			0.00	954.06	18.89	11787.21
26+50	0	512.57				
			0.00	929.99	18.89	12717.20
27+00	0	491.82				
			0.00	885.56	18.89	13602.76
27+50	0	464.58				
			0.00	836.56	18.89	14439.32
28+00	0	438.91				
			0.00	810.44	18.89	15249.76
28+50	0	436.36				
			0.00	813.13	18.89	16062.89
29+00	0	441.82				
			0.00	807.05	18.89	16869.94
29+50	0	429.79				
			0.00	778.37	18.89	17648.31
30+00	0	410.85				
			0.00	756.62	18.89	18404.93
30+50	0	406.3				
			0.00	751.31	18.89	19156.24
31+00	0	405.12				
			0.00	773.83	18.89	19930.07
31+50	0	430.62				
			0.00	836.93	18.89	20767.00
32+00	0	473.26				
			0.00	895.98	18.89	21662.98
32+50	0	494.4				
			0.00	924.31	18.89	22587.30
33+00	0	503.86				
			0.00	942.57	18.89	23529.87
33+50	0	514.12				
			0.00	963.56	18.89	24493.43
34+00	0	526.52				
			0.00	986.15	18.89	25479.57
34+50	0	538.52				
			0.00	1007.46	18.89	26487.04
35+00	0	549.54				
			0.00	1022.79	18.89	27509.82
35+50	0	555.07				
			0.00	1023.37	18.89	28533.19
36+00	0	550.17				
			0.00	1006.06	18.89	29539.25
36+50	0	536.37				
			0.00	985.72	18.89	30524.97
37+00	0	528.21				
			0.00	983.18	18.89	31508.15
37+50	0	533.62				
			0.00	998.32	18.89	32506.47

38+00	0	544.57				
			0.00	1002.25	18.89	33508.72
38+50	0	537.86				
			0.00	979.93	18.89	34488.65
39+00	0	520.46				
			0.00	964.14	18.89	35452.79
39+50	0	520.81				
			0.00	975.08	18.89	36427.87
40+00	0	532.28				
			0.00	993.98	18.89	37421.85
40+50	0	541.22				
			0.00	1004.73	18.89	38426.58
41+00	0	543.89				
			0.00	992.09	18.89	39418.68
41+50	0	527.57				
			0.00	954.64	18.89	40373.31
42+00	0	503.44				
			0.00	910.61	18.89	41283.93
42+50	0	480.02				
			0.00	867.68	18.89	42151.60
43+00	0	457.07				
			0.00	825.62	18.89	42977.22
43+50	0	434.6				
			0.00	784.45	18.89	43761.68
44+00	0	412.61				
			0.00	747.17	18.89	44508.84
44+50	0	394.33				
			0.00	713.13	18.89	45221.97
45+00	0	375.85				
			0.00	673.31	18.89	45895.28
45+50	0	351.32				
			0.00	624.93	18.89	46520.20
46+00	0	323.6				
			0.00	558.46	18.89	47078.67
46+50	0	279.54				
			0.00	472.74	18.89	47551.41
47+00	0	231.02				
			0.00	386.02	18.89	47937.43
47+50	0	185.88				
			0.00	305.64	18.89	48243.06
48+00	0	144.21				
			0.00	243.97	18.89	48487.04
48+50	0	119.28				
			0.00	205.05	18.89	48692.08
49+00	0	102.17				
			0.00	174.06	18.89	48866.14
49+50	0	85.81				
			0.00	144.46	18.89	49010.60
50+00	0	70.21				
			0.00	116.68	18.89	49127.28
50+50	0	55.8				
			0.00	91.40	18.89	49218.68

51+00	0	42.91				
			0.00	76.85	18.89	49295.53
51+50	0	40.09				
			0.00	75.10	18.89	49370.63
52+00	0	41.02				
			0.00	67.55	18.89	49438.18
52+50	0	31.93				
			0.00	46.78	18.89	49484.95
53+00	0	18.59				
			0.00	26.82	18.89	49511.78
53+50	0	10.38				
			0.00	16.01	18.89	49527.79
54+00	0	6.91				
			0.00	8.69	18.89	49536.47
54+50	0	2.47				
			4.48	2.29	23.37	49538.76
55+00	4.84	0				
			12.62	0.00	35.99	49538.76
55+50	8.79	0				
			17.81	0.00	53.81	49538.76
56+00	10.45	0				
			21.91	0.00	75.71	49538.76
56+50	13.21	0				
			19.74	0.00	95.45	49538.76
57+00	8.11	0				
			7.51	5.56	102.96	49544.31
57+50	0	6				
			0.00	19.96	102.96	49564.28
58+00	0	15.56				
			0.00	35.38	102.96	49599.66
58+50	0	22.65				
			0.00	48.64	102.96	49648.30
59+00	0	29.88				
			0.00	62.33	102.96	49710.63
59+50	0	37.44				
			0.00	76.51	102.96	49787.14
60+00	0	45.19				
			0.00	91.05	102.96	49878.19
60+50	0	53.14				
			0.00	106.12	102.96	49984.31
61+00	0	61.47				
			0.00	121.49	102.96	50105.80
61+50	0	69.74				
			0.00	136.45	102.96	50242.25
62+00	0	77.63				
			0.00	151.90	102.96	50394.15
62+50	0	86.42				
			0.00	158.65	102.96	50552.80
63+00	0	84.92				
			0.00	149.48	102.96	50702.28
63+50	0	76.52				
			0.00	134.12	102.96	50836.40

64+00	0	68.33				
			0.00	120.19	102.96	50956.58
64+50	0	61.47				
			0.00	107.53	102.96	51064.11
65+00	0	54.66				
			0.00	95.02	102.96	51159.13
65+50	0	47.96				
			0.00	81.67	102.96	51240.80
66+00	0	40.24				
			0.00	67.41	102.96	51308.20
66+50	0	32.56				
			0.00	58.94	102.96	51367.15
67+00	0	31.1				
			0.00	60.95	102.96	51428.10
67+50	0	34.73				
			0.00	62.32	102.96	51490.43
68+00	0	32.58				
			0.00	53.56	102.96	51543.99
68+50	0	25.27				
			0.00	40.43	102.96	51584.42
69+00	0	18.39				
			0.00	27.93	102.96	51612.34
69+50	0	11.77				
			0.00	20.07	102.96	51632.42
70+00	0	9.91				
			0.00	16.12	102.96	51648.54
70+50	0	7.5				
			0.00	9.56	102.96	51658.10
71+00	0	2.83				
			0.00	6.44	102.96	51664.55
71+50	0	4.13				
			0.00	5.84	102.96	51670.39
72+00	0	2.18				
			3.04	2.02	106.00	51672.41
72+50	3.28	0				
			6.11	0.00	112.11	51672.41
73+00	3.32	0				
			10.44	0.00	122.56	51672.41
73+50	7.96	0				
			18.65	0.00	141.20	51672.41
74+00	12.18	0				
			22.15	0.00	163.35	51672.41
74+50	11.74	0				
			27.26	0.00	190.61	51672.41
75+00	17.7	0				
			35.57	0.00	226.19	51672.41
75+50	20.72	0				
			38.81	0.00	265.00	51672.41
76+00	21.2	0				
			48.61	0.00	313.61	51672.41
76+50	31.3	0				
			70.63	0.00	384.24	51672.41

77+00	44.98	0				
			95.96	0.00	480.20	51672.41
77+50	58.66	0				
			119.74	0.00	599.94	51672.41
78+00	70.66	0				
			131.85	0.00	731.80	51672.41
78+50	71.74	0				
			132.81	0.00	864.60	51672.41
79+00	71.69	0				
			143.14	0.00	1007.74	51672.41
79+50	82.9	0				
			167.27	0.00	1175.01	51672.41
80+00	97.75	0				
			193.88	0.00	1368.89	51672.41
80+50	111.64	0				
			217.20	0.00	1586.09	51672.41
81+00	122.94	0				
			231.02	0.00	1817.11	51672.41
81+50	126.56	0				
			236.06	0.00	2053.17	51672.41
82+00	128.38	0				
			247.56	0.00	2300.72	51672.41
82+50	138.98	0				
			271.39	0.00	2572.11	51672.41
83+00	154.12	0				
			293.19	0.00	2865.31	51672.41
83+50	162.53	0				
			293.83	0.00	3159.14	51672.41
84+00	154.81	0				
			280.23	0.00	3439.37	51672.41
84+50	147.84	0				
			278.93	0.00	3718.30	51672.41
85+00	153.4	0				
			292.39	0.00	4010.69	51672.41
85+50	162.38	0				
			308.76	0.00	4319.44	51672.41
86+00	171.08	0				
			325.34	0.00	4644.79	51672.41
86+50	180.29	0				
			342.54	0.00	4987.32	51672.41
87+00	189.65	0				
			360.25	0.00	5347.57	51672.41
87+50	199.42	0				
			378.74	0.00	5726.31	51672.41
88+00	209.62	0				
			403.64	0.00	6129.95	51672.41
88+50	226.31	0				
			434.67	0.00	6564.62	51672.41
89+00	243.13	0				
			455.59	0.00	7020.21	51672.41
89+50	248.91	0				
			460.87	0.00	7481.08	51672.41

90+00	248.83	0				
			469.96	0.00	7951.05	51672.41
90+50	258.73	0				
			482.23	0.00	8433.28	51672.41
91+00	262.08	0				
			465.98	0.00	8899.26	51672.41
91+50	241.18	0				
			429.10	0.00	9328.36	51672.41
92+00	222.25	0				
			380.69	0.00	9709.06	51672.41
92+50	188.9	0				
			311.60	0.00	10020.66	51672.41
93+00	147.63	0				
			240.77	0.00	10261.43	51672.41
93+50	112.4	0				
			177.39	0.00	10438.81	51672.41
94+00	79.18	0				
			122.35	0.00	10561.17	51672.41
94+50	52.96	0				
			83.74	0.00	10644.91	51672.41
95+00	37.48	0				
			61.46	0.00	10706.37	51672.41
95+50	28.9	0				
			50.11	0.00	10756.48	51672.41
96+00	25.22	0				
			48.90	0.00	10805.38	51672.41
96+50	27.59	0				
			58.08	0.00	10863.46	51672.41
97+00	35.14	0				
			75.93	0.00	10939.39	51672.41
97+50	46.86	0				
			93.93	0.00	11033.31	51672.41
98+00	54.58	0				
			113.78	0.00	11147.09	51672.41
98+50	68.3	0				
			138.66	0.00	11285.75	51672.41
99+00	81.45	0				
			153.91	0.00	11439.66	51672.41
99+50	84.77	0				
			143.23	0.00	11582.89	51672.41
100+00	69.92	0				
			113.06	0.00	11695.94	51672.41
100+50	52.18	0				
			79.52	0.00	11775.46	51672.41
101+00	33.7	0				
			39.53	0.18	11814.99	51672.58
101+50	8.99	0.19				
			8.32	19.57	11823.31	51692.16
102+00	0	20.95				
			0.00	74.26	11823.31	51766.42
102+50	0	59.25				
			0.00	148.80	11823.31	51915.21

103+00	0	101.45				
			0.00	224.75	11823.31	52139.96
103+50	0	141.28				
			0.00	302.11	11823.31	52442.07
104+00	0	185				
			0.00	386.67	11823.31	52828.74
104+50	0	232.6				
			0.00	478.94	11823.31	53307.68
105+00	0	284.65				
			0.00	579.32	11823.31	53887.00
105+50	0	341.02				
			0.00	679.85	11823.31	54566.85
106+00	0	393.22				
			0.00	759.80	11823.31	55326.65
106+50	0	427.36				
			0.00	824.47	11823.31	56151.12
107+00	0	463.07				
			0.00	896.05	11823.31	57047.17
107+50	0	504.66				
			0.00	962.27	11823.31	58009.44
108+00	0	534.59				
			0.00	1010.77	11823.31	59020.20
108+50	0	557.04				
			0.00	1050.72	11823.31	60070.93
109+00	0	577.74				
			0.00	1066.17	11823.31	61137.09
109+50	0	573.72				
			0.00	1048.82	11823.31	62185.92
110+00	0	559.01				
			0.00	1026.44	11823.31	63212.35
110+50	0	549.54				
			0.00	1011.48	11823.31	64223.83
111+00	0	542.86				
			0.00	1002.65	11823.31	65226.48
111+50	0	540				
			0.00	996.48	11823.31	66222.96
112+00	0	536.2				
			0.00	976.44	11823.31	67199.40
112+50	0	518.35				
			0.00	925.90	11823.31	68125.30
113+00	0	481.62				
			0.00	868.94	11823.31	68994.24
113+50	0	456.84				
			0.00	836.79	11823.31	69831.03
114+00	0	446.89				
			0.00	819.64	11823.31	70650.67
114+50	0	438.32				
			0.00	803.69	11823.31	71454.36
115+00	0	429.67				
			0.00	788.96	11823.31	72243.32
115+50	0	422.41				
			0.00	786.06	11823.31	73029.38

116+00	0	426.53				
			0.00	813.64	11823.31	73843.02
116+50	0	452.2				
			0.00	862.65	11823.31	74705.67
117+00	0	479.46				
			0.00	894.58	11823.31	75600.25
117+50	0	486.69				
			0.00	878.99	11823.31	76479.24
118+00	0	462.62				
			0.00	829.69	11823.31	77308.93
118+50	0	433.44				
			0.00	789.08	11823.31	78098.01
119+00	0	418.77				
			0.00	757.12	11823.31	78855.13
119+50	0	398.92				
			0.00	688.82	11823.31	79543.95
120+00	0	345.01				
			0.00	584.38	11823.31	80128.33
120+50	0	286.12				
			0.00	483.53	11823.31	80611.86
121+00	0	236.09				
			0.00	378.88	11823.31	80990.74
121+50	0	173.1				
			0.00	280.58	11823.31	81271.32
122+00	0	129.93				
			0.00	229.57	11823.31	81500.90
122+50	0	118.01				
			0.00	209.89	11823.31	81710.79
123+00	0	108.67				
			0.00	192.82	11823.31	81903.61
123+50	0	99.58				
			0.00	178.53	11823.31	82082.14
124+00	0	93.23				
			0.00	180.82	11823.31	82262.96
124+50	0	102.06				
			0.00	197.93	11823.31	82460.89
125+00	0	111.7				
			0.00	215.91	11823.31	82676.80
125+50	0	121.48				
			0.00	235.19	11823.31	82911.98
126+00	0	132.52				
			0.00	260.43	11823.31	83172.41
126+50	0	148.74				
			0.00	285.10	11823.31	83457.51
127+00	0	159.17				
			0.00	285.92	11823.31	83743.43
127+50	0	149.62				
			0.00	265.09	11823.31	84008.52
128+00	0	136.68				
			0.00	243.19	11823.31	84251.71
128+50	0	125.97				
			0.00	223.81	11823.31	84475.53

129+00	0	115.75				
			0.00	195.14	11823.31	84670.67
129+50	0	95				
			0.00	151.81	11823.31	84822.47
130+00	0	68.95				
			0.00	105.65	11823.31	84928.12
130+50	0	45.15				
			0.00	63.44	11823.31	84991.56
131+00	0	23.37				
			0.00	30.48	11823.31	85022.05
131+50	0	9.55				
			0.00	11.86	11823.31	85033.91
132+00	0	3.26				
			2.66	3.02	11825.97	85036.93
132+50	2.87	0				
			11.73	0.00	11837.70	85036.93
133+00	9.8	0				
			25.63	0.00	11863.33	85036.93
133+50	17.88	0				
			42.19	0.00	11905.52	85036.93
134+00	27.68	0				
			61.47	0.00	11966.99	85036.93
134+50	38.71	0				
			75.46	0.00	12042.45	85036.93
135+00	42.79	0				
			77.49	0.00	12119.94	85036.93
135+50	40.9	0				
			69.83	0.00	12189.78	85036.93
136+00	34.52	0				
			58.98	0.00	12248.76	85036.93
136+50	29.18	0				
			50.63	0.00	12299.39	85036.93
137+00	25.5	0				
			44.75	0.00	12344.14	85036.93
137+50	22.83	0				
			34.45	0.00	12378.59	85036.93
138+00	14.38	0				
			14.85	0.00	12393.44	85036.93
138+50	1.66	0				
			2.10	0.00	12395.55	85036.93
139+00	0.61	0				
			0.97	0.00	12396.52	85036.93
139+50	0.44	0				
			0.41	0.00	12396.93	85036.93
140+00	0	0				
			0.00	0.22	12396.93	85037.15
140+50	0	0.24				
			0.00	4.39	12396.93	85041.54
141+00	0	4.5				
			0.00	18.14	12396.93	85059.68
141+50	0	15.09				
			0.00	35.67	12396.93	85095.34

142+00	0	23.43				
			0.00	45.94	12396.93	85141.29
142+50	0	26.19				
			0.00	44.19	12396.93	85185.48
143+00	0	21.54				
			0.00	33.28	12396.93	85218.76
143+50	0	14.4				
			0.00	26.57	12396.93	85245.33
144+00	0	14.3				
			0.00	30.96	12396.93	85276.30
144+50	0	19.14				
			0.00	40.66	12396.93	85316.95
145+00	0	24.77				
			0.00	51.22	12396.93	85368.18
145+50	0	30.55				
			0.00	62.60	12396.93	85430.78
146+00	0	37.06				
			0.00	75.45	12396.93	85506.23
146+50	0	44.43				
			0.00	90.55	12396.93	85596.78
147+00	0	53.36				
			0.00	119.63	12396.93	85716.41
147+50	0	75.84				
			0.00	165.08	12396.93	85881.49
148+00	0	102.45				
			0.00	214.31	12396.93	86095.81
148+50	0	129.01				
			0.00	266.55	12396.93	86362.35
149+00	0	158.86				
			0.00	323.83	12396.93	86686.19
149+50	0	190.88				
			0.00	384.13	12396.93	87070.31
150+00	0	223.98				
			0.00	450.03	12396.93	87520.34
150+50	0	262.05				
			0.00	523.20	12396.93	88043.55
151+00	0	303.01				
			0.00	586.99	12396.93	88630.54
151+50	0	330.94				
			0.00	617.60	12396.93	89248.14
152+00	0	336.07				
			0.00	622.81	12396.93	89870.95
152+50	0	336.57				
			0.00	625.50	12396.93	90496.45
153+00	0	338.97				
			0.00	626.54	12396.93	91122.99
153+50	0	337.69				
			0.00	623.79	12396.93	91746.78
154+00	0	336				
			0.00	622.50	12396.93	92369.28
154+50	0	336.3				
			0.00	622.77	12396.93	92992.05

155+00	0	336.29				
			0.00	618.28	12396.93	93610.32
155+50	0	331.45				
			0.00	596.69	12396.93	94207.02
156+00	0	312.98				
			0.00	559.38	12396.93	94766.40
156+50	0	291.15				
			0.00	542.97	12396.93	95309.37
157+00	0	295.26				
			0.00	569.90	12396.93	95879.27
157+50	0	320.23				
			0.00	623.15	12396.93	96502.42
158+00	0	352.77				
			0.00	687.85	12396.93	97190.27
158+50	0	390.11				
			0.00	768.32	12396.93	97958.59
159+00	0	439.68				
			0.00	882.11	12396.93	98840.70
159+50	0	513				
			0.00	1042.73	12396.93	99883.44
160+00	0	613.15				
			0.00	1256.34	12396.93	101139.78
160+50	0	743.7				
			0.00	1540.75	12396.93	102680.53
161+00	0	920.31				
			0.00	1941.69	12396.93	104622.21
161+50	0	1176.71				
			0.00	2443.56	12396.93	107065.78
162+00	0	1462.34				
			0.00	3003.98	12396.93	110069.76
162+50	0	1781.96				
			0.00	3595.49	12396.93	113665.25
163+00	0	2101.17				
			0.00	4104.56	12396.93	117769.81
163+50	0	2331.76				
			0.00	4419.84	12396.93	122189.66
164+00	0	2441.67				
			0.00	4501.18	12396.93	126690.83
164+50	0	2419.6				
			0.00	4277.05	12396.93	130967.88
165+00	0	2199.61				
			0.00	3914.86	12396.93	134882.74
165+50	0	2028.44				
			0.00	3531.81	12396.93	138414.56
166+00	0	1785.92				
			0.00	3073.11	12396.93	141487.67
166+50	0	1533.04				
			0.00	2616.25	12396.93	144103.92
167+00	0	1292.51				
			0.00	2123.94	12396.93	146227.86
167+50	0	1001.35				
			0.00	1592.07	12396.93	147819.94

168+00	0	718.09				
			0.00	1118.84	12396.93	148938.78
168+50	0	490.26				
			0.00	729.74	12396.93	149668.52
169+00	0	297.86				
			0.00	411.31	12396.93	150079.82
169+50	0	146.35				
			0.00	188.19	12396.93	150268.01
170+00	0	56.89				
			0.00	70.04	12396.93	150338.05
170+50	0	18.75				
			1.21	18.80	12398.14	150356.84
171+00	1.31	1.55				
			9.66	1.44	12407.80	150358.28
171+50	9.12	0				
			24.11	0.00	12431.91	150358.28
172+00	16.92	0				
			33.93	0.00	12465.83	150358.28
172+50	19.72	0				
			37.19	0.00	12503.02	150358.28
173+00	20.44	0				
			38.28	0.00	12541.30	150358.28
173+50	20.9	0				
			38.14	0.00	12579.44	150358.28
174+00	20.29	0				
			37.54	0.00	12616.97	150358.28
174+50	20.25	0				
			37.87	0.00	12654.84	150358.28
175+00	20.65	0				
			39.16	0.00	12694.00	150358.28
175+50	21.64	0				
			41.05	0.00	12735.05	150358.28
176+00	22.69	0				
			42.48	0.00	12777.53	150358.28
176+50	23.19	0				
			42.81	0.00	12820.34	150358.28
177+00	23.05	0				
			41.13	0.00	12861.47	150358.28
177+50	21.37	0				
			37.08	0.00	12898.56	150358.28
178+00	18.68	0				
			30.72	0.00	12929.28	150358.28
178+50	14.5	0				
			21.21	0.00	12950.49	150358.28
179+00	8.41	0				
			9.90	0.75	12960.39	150359.03
179+50	2.28	0.81				
			2.11	6.33	12962.50	150365.36
180+00	0	6.03				
			0.00	18.92	12962.50	150384.28
180+50	0	14.4				
			0.00	35.16	12962.50	150419.44

181+00	0	23.57				
			0.00	53.13	12962.50	150472.56
181+50	0	33.81				
			0.00	73.89	12962.50	150546.45
182+00	0	45.99				
			0.00	98.10	12962.50	150644.56
182+50	0	59.96				
			0.00	121.30	12962.50	150765.85
183+00	0	71.04				
			0.00	141.90	12962.50	150907.75
183+50	0	82.21				
			0.00	164.30	12962.50	151072.05
184+00	0	95.23				
			0.00	176.56	12962.50	151248.60
184+50	0	95.45				
			0.00	175.00	12962.50	151423.60
185+00	0	93.55				
			0.00	175.34	12962.50	151598.94
185+50	0	95.82				
			0.00	172.94	12962.50	151771.89
186+00	0	90.96				
			0.00	161.87	12962.50	151933.76
186+50	0	83.86				
			0.00	155.52	12962.50	152089.28
187+00	0	84.1				
			0.00	157.86	12962.50	152247.14
187+50	0	86.39				
			0.00	160.80	12962.50	152407.94
188+00	0	87.27				
			0.00	160.73	12962.50	152568.67
188+50	0	86.32				
			0.00	158.29	12962.50	152726.95
189+00	0	84.63				
			0.00	154.49	12962.50	152881.44
189+50	0	82.22				
			0.00	149.08	12962.50	153030.53
190+00	0	78.79				
			0.00	142.77	12962.50	153173.30
190+50	0	75.4				
			0.00	135.06	12962.50	153308.35
191+00	0	70.46				
			0.00	125.67	12962.50	153434.02
191+50	0	65.26				
			0.00	115.54	12962.50	153549.56
192+00	0	59.52				
			0.00	104.67	12962.50	153654.22
192+50	0	53.52				
			0.00	93.44	12962.50	153747.67
193+00	0	47.4				
			0.00	81.43	12962.50	153829.09
193+50	0	40.54				
			0.00	68.56	12962.50	153897.66

194+00	0	33.51				
			0.00	55.84	12962.50	153953.50
194+50	0	26.8				
			0.00	42.78	12962.50	153996.28
195+00	0	19.4				
			0.00	26.93	12962.50	154023.20
195+50	0	9.68				
			1.55	9.27	12964.05	154032.47
196+00	1.67	0.33				
			13.13	0.31	12977.18	154032.78
196+50	12.51	0				
			33.22	0.00	13010.40	154032.78
197+00	23.37	0				
			52.97	0.00	13063.37	154032.78
197+50	33.84	0				
			70.44	0.00	13133.81	154032.78
198+00	42.24	0				
			82.82	0.00	13216.64	154032.78
198+50	47.21	0				
			88.56	0.00	13305.20	154032.78
199+00	48.44	0				
			86.03	0.00	13391.23	154032.78
199+50	44.47	0				
			75.95	0.00	13467.19	154032.78
200+00	37.56	0				
			60.89	0.00	13528.07	154032.78
200+50	28.2	0				
			41.48	0.00	13569.56	154032.78
201+00	16.6	0				
			18.10	0.00	13587.66	154032.78
201+50	2.95	0				
			2.73	11.57	13590.39	154044.35
202+00	0	12.5				
			0.00	37.23	13590.39	154081.58
202+50	0	27.71				
			0.00	66.98	13590.39	154148.56
203+00	0	44.63				
			0.00	104.90	13590.39	154253.46
203+50	0	68.66				
			0.00	144.79	13590.39	154398.25
204+00	0	87.71				
			0.00	172.10	13590.39	154570.35
204+50	0	98.16				
			0.00	190.21	13590.39	154760.56
205+00	0	107.27				
			0.00	209.29	13590.39	154969.85
205+50	0	118.76				
			0.00	224.64	13590.39	155194.49
206+00	0	123.85				
			0.00	229.14	13590.39	155423.63
206+50	0	123.62				
			0.00	220.51	13590.39	155644.14

207+00	0	114.53				
			0.00	201.07	13590.39	155845.21
207+50	0	102.63				
			0.00	178.67	13590.39	156023.88
208+00	0	90.33				
			0.00	160.99	13590.39	156184.87
208+50	0	83.54				
			0.00	141.94	13590.39	156326.81
209+00	0	69.75				
			0.00	116.37	13590.39	156443.18
209+50	0	55.93				
			0.00	92.27	13590.39	156535.44
210+00	0	43.72				
			0.00	71.88	13590.39	156607.32
210+50	0	33.91				
			0.00	55.99	13590.39	156663.31
211+00	0	26.56				
			0.00	43.20	13590.39	156706.52
211+50	0	20.1				
			0.00	32.07	13590.39	156738.59
212+00	0	14.54				
			0.00	22.77	13590.39	156761.36
212+50	0	10.05				
			0.00	15.33	13590.39	156776.69
213+00	0	6.51				
			0.00	9.09	13590.39	156785.79
213+50	0	3.31				
			0.38	4.22	13590.77	156790.01
214+00	0.41	1.25				
			1.42	1.55	13592.19	156791.56
214+50	1.12	0.42				
			2.49	0.60	13594.68	156792.16
215+00	1.57	0.23				
			2.85	0.45	13597.53	156792.61
215+50	1.51	0.26				
			2.19	0.79	13599.71	156793.40
216+00	0.85	0.59				
			1.06	1.84	13600.78	156795.24
216+50	0.3	1.4				
			0.28	4.60	13601.06	156799.84
217+00	0	3.57				
			0.00	9.36	13601.06	156809.20
217+50	0	6.54				
			0.00	15.44	13601.06	156824.64
218+00	0	10.13				
			0.00	22.08	13601.06	156846.72
218+50	0	13.72				
			0.00	28.69	13601.06	156875.41
219+00	0	17.26				
			0.00	35.37	13601.06	156910.78
219+50	0	20.94				
			0.00	42.97	13601.06	156953.75

220+00	0	25.47				
			0.00	52.53	13601.06	157006.28
220+50	0	31.26				
			0.00	64.08	13601.06	157070.36
221+00	0	37.95				
			0.00	77.50	13601.06	157147.86
221+50	0	45.75				
			0.00	94.08	13601.06	157241.94
222+00	0	55.86				
			0.00	115.21	13601.06	157357.16
222+50	0	68.57				
			0.00	141.41	13601.06	157498.56
223+00	0	84.15				
			0.00	175.11	13601.06	157673.68
223+50	0	104.97				
			0.00	218.81	13601.06	157892.48
224+00	0	131.34				
			0.00	273.59	13601.06	158166.07
224+50	0	164.14				
			0.00	342.11	13601.06	158508.19
225+00	0	205.34				
			0.00	424.32	13601.06	158932.51
225+50	0	252.93				
			0.00	515.26	13601.06	159447.77
226+00	0	303.55				
			0.00	608.00	13601.06	160055.77
226+50	0	353.09				
			0.00	700.87	13601.06	160756.64
227+00	0	403.85				
			0.00	797.33	13601.06	161553.97
227+50	0	457.27				
			0.00	895.17	13601.06	162449.14
228+00	0	509.51				
			0.00	981.26	13601.06	163430.40
228+50	0	550.25				
			0.00	1061.45	13601.06	164491.85
229+00	0	596.12				
			0.00	1141.76	13601.06	165633.61
229+50	0	636.98				
			0.00	1195.47	13601.06	166829.08
230+00	0	654.13				
			0.00	1200.23	13601.06	168029.31
230+50	0	642.12				
			0.00	1186.13	13601.06	169215.44
231+00	0	638.9				
			0.00	1221.63	13601.06	170437.07
231+50	0	680.46				
			0.00	1289.44	13601.06	171726.51
232+00	0	712.13				
			0.00	1325.40	13601.06	173051.91
232+50	0	719.3				
			0.00	1300.79	13601.06	174352.69

233+00	0	685.55				
			0.00	1183.75	13601.06	175536.44
233+50	0	592.9				
			0.00	976.21	13601.06	176512.66
234+00	0	461.41				
			0.00	701.61	13601.06	177214.27
234+50	0	296.33				
			0.00	423.99	13601.06	177638.26
235+00	0	161.58				
			0.00	217.95	13601.06	177856.21
235+50	0	73.81				
			0.00	89.58	13601.06	177945.80
236+00	0	22.94				
			0.00	21.54	13601.06	177967.33
236+50	0	0.32				
			20.49	0.30	13621.55	177967.63
237+00	22.13	0				
			50.75	0.00	13672.30	177967.63
237+50	32.68	0				
			69.52	0.00	13741.81	177967.63
238+00	42.4	0				
			85.24	0.00	13827.06	177967.63
238+50	49.66	0				
			96.51	0.00	13923.56	177967.63
239+00	54.57	0				
			104.64	0.00	14028.20	177967.63
239+50	58.44	0				
			111.53	0.00	14139.73	177967.63
240+00	62.01	0				
			117.37	0.00	14257.10	177967.63
240+50	64.75	0				
			121.52	0.00	14378.62	177967.63
241+00	66.49	0				
			122.81	0.00	14501.44	177967.63
241+50	66.15	0				
			119.60	0.00	14621.04	177967.63
242+00	63.02	0				
			112.76	0.00	14733.80	177967.63
242+50	58.76	0				
			104.46	0.00	14838.26	177967.63
243+00	54.06	0				
			95.93	0.00	14934.19	177967.63
243+50	49.54	0				
			86.54	0.00	15020.72	177967.63
244+00	43.92	0				
			76.03	0.00	15096.75	177967.63
244+50	38.19	0				
			66.48	0.00	15163.23	177967.63
245+00	33.61	0				
			58.78	0.00	15222.01	177967.63
245+50	29.87	0				
			52.00	0.00	15274.01	177967.63

246+00	26.29	0				
			44.80	0.00	15318.81	177967.63
246+50	22.09	0				
			35.92	0.00	15354.72	177967.63
247+00	16.7	0				
			28.91	0.00	15383.63	177967.63
247+50	14.52	0				
			27.50	0.00	15411.13	177967.63
248+00	15.18	0				
			28.22	0.00	15439.35	177967.63
248+50	15.3	0				
			28.82	0.00	15468.18	177967.63
249+00	15.83	0				
			29.41	0.00	15497.58	177967.63
249+50	15.93	0				
			28.93	0.00	15526.51	177967.63
250+00	15.31	0				
			26.71	0.00	15553.22	177967.63
250+50	13.54	0				
			21.36	0.00	15574.58	177967.63
251+00	9.53	0				
			13.78	0.00	15588.36	177967.63
251+50	5.35	0				
			8.32	0.09	15596.69	177967.72
252+00	3.64	0.1				
			6.05	0.39	15602.73	177968.11
252+50	2.89	0.32				
			4.86	0.83	15607.59	177968.94
253+00	2.36	0.58				
			4.05	1.37	15611.64	177970.31
253+50	2.01	0.9				
			3.03	2.27	15614.67	177972.58
254+00	1.26	1.55				
			1.82	3.69	15616.49	177976.28
254+50	0.71	2.44				
			0.90	5.63	15617.39	177981.91
255+00	0.26	3.64				
			0.26	8.48	15617.65	177990.39
255+50	0.02	5.52				
			0.02	12.10	15617.67	178002.49
256+00	0	7.55				
			0.00	15.61	15617.67	178018.10
256+50	0	9.31				
			0.00	18.55	15617.67	178036.65
257+00	0	10.72				
			0.00	21.00	15617.67	178057.65
257+50	0	11.96				
			0.00	22.12	15617.67	178079.77
258+00	0	11.93				
			0.00	22.47	15617.67	178102.24
258+50	0	12.34				
			0.00	22.43	15617.67	178124.67

259+00	0	11.88				
			0.00	20.85	15617.67	178145.52
259+50	0	10.64				
			0.00	18.36	15617.67	178163.88
260+00	0	9.19				
			0.00	16.31	15617.67	178180.19
260+50	0	8.42				
			0.00	15.04	15617.67	178195.22
261+00	0	7.82				
			0.00	14.34	15617.67	178209.56
261+50	0	7.67				
			0.00	14.47	15617.67	178224.04
262+00	0	7.96				
			0.00	16.82	15617.67	178240.86
262+50	0	10.21				
			0.00	20.56	15617.67	178261.43
263+00	0	12				
			0.00	23.80	15617.67	178285.22
263+50	0	13.7				
			0.00	27.42	15617.67	178312.64
264+00	0	15.91				
			0.00	31.81	15617.67	178344.44
264+50	0	18.44				
			0.00	37.98	15617.67	178382.43
265+00	0	22.58				
			0.00	46.36	15617.67	178428.79
265+50	0	27.49				
			0.00	53.77	15617.67	178482.56
266+00	0	30.58				
			0.00	60.02	15617.67	178542.57
266+50	0	34.24				
			0.00	67.43	15617.67	178610.00
267+00	0	38.58				
			0.00	76.49	15617.67	178686.49
267+50	0	44.03				
			0.00	88.06	15617.67	178774.55
268+00	0	51.07				
			0.00	99.02	15617.67	178873.56
268+50	0	55.87				
			0.00	107.78	15617.67	178981.34
269+00	0	60.53				
			0.00	116.34	15617.67	179097.69
269+50	0	65.12				
			0.00	126.51	15617.67	179224.19
270+00	0	71.51				
			0.00	140.28	15617.67	179364.47
270+50	0	79.99				
			0.00	157.68	15617.67	179522.15
271+00	0	90.3				
			0.00	178.07	15617.67	179700.22
271+50	0	102.02				
			0.00	202.22	15617.67	179902.44

272+00	0	116.38				
			0.00	230.90	15617.67	180133.34
272+50	0	132.99				
			0.00	265.86	15617.67	180399.20
273+00	0	154.14				
			0.00	309.77	15617.67	180708.97
273+50	0	180.41				
			0.00	364.89	15617.67	181073.86
274+00	0	213.67				
			0.00	433.44	15617.67	181507.30
274+50	0	254.44				
			0.00	517.37	15617.67	182024.67
275+00	0	304.32				
			0.00	609.00	15617.67	182633.67
275+50	0	353.4				
			0.00	706.93	15617.67	183340.59
276+00	0	410.08				
			0.00	824.03	15617.67	184164.62
276+50	0	479.87				
			0.00	958.41	15617.67	185123.03
277+00	0	555.21				
			0.00	1087.62	15617.67	186210.65
277+50	0	619.42				
			0.00	1188.79	15617.67	187399.44
278+00	0	664.47				
			0.00	1263.25	15617.67	188662.69
278+50	0	699.84				
			0.00	1332.95	15617.67	189995.64
279+00	0	739.75				
			0.00	1425.89	15617.67	191421.53
279+50	0	800.21				
			0.00	1524.76	15617.67	192946.29
280+00	0	846.53				
			0.00	1534.21	15617.67	194480.50
280+50	0	810.42				
			0.00	1446.20	15617.67	195926.70
281+00	0	751.48				
			0.00	1352.27	15617.67	197278.97
281+50	0	708.97				
			0.00	1284.47	15617.67	198563.44
282+00	0	678.26				
			0.00	1222.07	15617.67	199785.52
282+50	0	641.58				
			0.00	1150.10	15617.67	200935.62
283+00	0	600.53				
			0.00	1072.82	15617.67	202008.44
283+50	0	558.12				
			0.00	993.63	15617.67	203002.07
284+00	0	515				
			0.00	913.12	15617.67	203915.19
284+50	0	471.17				
			0.00	826.98	15617.67	204742.18

285+00	0	421.97				
			0.00	732.46	15617.67	205474.64
285+50	0	369.09				
			0.00	639.61	15617.67	206114.25
286+00	0	321.69				
			0.00	560.69	15617.67	206674.94
286+50	0	283.85				
			0.00	496.87	15617.67	207171.81
287+00	0	252.77				
			0.00	442.73	15617.67	207614.54
287+50	0	225.38				
			0.00	394.64	15617.67	208009.18
288+00	0	200.83				
			0.00	356.74	15617.67	208365.92
288+50	0	184.45				
			0.00	334.25	15617.67	208700.17
289+00	0	176.54				
			0.00	319.99	15617.67	209020.16
289+50	0	169.05				
			0.00	305.68	15617.67	209325.83
290+00	0	161.08				
			0.00	292.81	15617.67	209618.65
290+50	0	155.16				
			0.00	282.84	15617.67	209901.49
291+00	0	150.31				
			0.00	275.89	15617.67	210177.38
291+50	0	147.65				
			0.00	272.77	15617.67	210450.15
292+00	0	146.94				
			0.00	271.86	15617.67	210722.01
292+50	0	146.67				
			0.00	270.56	15617.67	210992.56
293+00	0	145.53				
			0.00	267.47	15617.67	211260.04
293+50	0	143.34				
			0.00	263.21	15617.67	211523.25
294+00	0	140.93				
			0.00	258.79	15617.67	211782.04
294+50	0	138.56				
			0.00	255.31	15617.67	212037.34
295+00	0	137.17				
			0.00	254.52	15617.67	212291.86
295+50	0	137.71				
			0.00	255.03	15617.67	212546.89
296+00	0	137.72				
			0.00	256.17	15617.67	212803.06
296+50	0	138.94				
			0.00	259.31	15617.67	213062.37
297+00	0	141.12				
			0.00	262.64	15617.67	213325.01
297+50	0	142.53				
			0.00	265.38	15617.67	213590.39

298+00	0	144.08				
			0.00	268.15	15617.67	213858.54
298+50	0	145.52				
			0.00	270.72	15617.67	214129.26
299+00	0	146.86				
			0.00	272.51	15617.67	214401.77
299+50	0	147.45				
			0.00	273.60	15617.67	214675.37
300+00	0	148.04				
			0.00	275.35	15617.67	214950.72
300+50	0	149.34				
			0.00	277.69	15617.67	215228.41
301+00	0	150.56				
			0.00	279.81	15617.67	215508.22
301+50	0	151.64				
			0.00	282.75	15617.67	215790.97
302+00	0	153.73				
			0.00	288.40	15617.67	216079.37
302+50	0	157.74				
			0.00	297.62	15617.67	216376.99
303+00	0	163.69				
			0.00	308.97	15617.67	216685.96
303+50	0	170				
			0.00	322.20	15617.67	217008.17
304+00	0	177.98				
			0.00	342.17	15617.67	217350.33
304+50	0	191.56				
			0.00	369.40	15617.67	217719.73
305+00	0	207.39				
			0.00	400.62	15617.67	218120.35
305+50	0	225.28				
			0.00	440.13	15617.67	218560.48
306+00	0	250.06				
			0.00	490.80	15617.67	219051.28
306+50	0	280				
			0.00	552.74	15617.67	219604.02
307+00	0	316.96				
			0.00	626.97	15617.67	220230.99
307+50	0	360.17				
			0.00	720.90	15617.67	220951.89
308+00	0	418.4				
			0.00	809.00	15617.67	221760.89
308+50	0	455.32				
			0.00	860.68	15617.67	222621.56
309+00	0	474.21				
			0.00	887.07	15617.67	223508.64
309+50	0	483.83				
			0.00	889.75	15617.67	224398.39
310+00	0	477.1				
			0.00	865.85	15617.67	225264.24
310+50	0	458.02				
			0.00	816.26	15617.67	226080.50

311+00	0	423.54				
			0.00	749.06	15617.67	226829.56
311+50	0	385.45				
			0.00	681.31	15617.67	227510.87
312+00	0	350.36				
			0.00	619.05	15617.67	228129.92
312+50	0	318.21				
			0.00	565.31	15617.67	228695.23
313+00	0	292.33				
			0.00	524.71	15617.67	229219.94
313+50	0	274.36				
			0.00	497.58	15617.67	229717.53
314+00	0	263.03				
			0.00	479.31	15617.67	230196.83
314+50	0	254.62				
			0.00	468.49	15617.67	230665.32
315+00	0	251.35				
			0.00	464.65	15617.67	231129.97
315+50	0	250.47				
			0.00	464.11	15617.67	231594.08
316+00	0	250.77				
			0.00	463.81	15617.67	232057.90
316+50	0	250.15				
			0.00	461.79	15617.67	232519.69
317+00	0	248.58				
			0.00	458.63	15617.67	232978.31
317+50	0	246.74				
			0.00	455.72	15617.67	233434.04
318+00	0	245.44				
			0.00	454.56	15617.67	233888.60
318+50	0	245.49				
			0.00	454.38	15617.67	234342.98
319+00	0	245.24				
			0.00	454.31	15617.67	234797.30
319+50	0	245.42				
			0.00	455.58	15617.67	235252.88
320+00	0	246.61				
			0.00	458.02	15617.67	235710.90
320+50	0	248.05				
			0.00	461.07	15617.67	236171.97
321+00	0	249.91				
			0.00	464.81	15617.67	236636.79
321+50	0	252.09				
			0.00	468.74	15617.67	237105.53
322+00	0	254.15				
			0.00	472.87	15617.67	237578.40
322+50	0	256.55				
			0.00	477.72	15617.67	238056.12
323+00	0	259.39				
			0.00	484.05	15617.67	238540.17
323+50	0	263.38				
			0.00	492.15	15617.67	239032.31

324+00	0	268.14				
			0.00	500.69	15617.67	239533.00
324+50	0	272.6				
			0.00	507.63	15617.67	240040.63
325+00	0	275.64				
			0.00	512.50	15617.67	240553.13
325+50	0	277.86				
			0.00	516.05	15617.67	241069.18
326+00	0	279.47				
			0.00	519.68	15617.67	241588.85
326+50	0	281.78				
			0.00	524.03	15617.67	242112.88
327+00	0	284.17				
			0.00	528.27	15617.67	242641.15
327+50	0	286.36				
			0.00	532.83	15617.67	243173.98
328+00	0	289.1				
			0.00	537.89	15617.67	243711.87
328+50	0	291.82				
			0.00	543.13	15617.67	244255.00
329+00	0	294.76				
			0.00	548.94	15617.67	244803.94
329+50	0	298.09				
			0.00	554.36	15617.67	245358.30
330+00	0	300.62				
			0.00	559.64	15617.67	245917.94
330+50	0	303.79				
			0.00	565.94	15617.67	246483.87
331+00	0	307.42				
			0.00	573.65	15617.67	247057.52
331+50	0	312.12				
			0.00	582.27	15617.67	247639.79
332+00	0	316.73				
			0.00	589.59	15617.67	248229.38
332+50	0	320.03				
			0.00	596.15	15617.67	248825.53
333+00	0	323.81				
			0.00	602.62	15617.67	249428.15
333+50	0	327.02				
			0.00	609.01	15617.67	250037.16
334+00	0	330.71				
			0.00	615.21	15617.67	250652.37
334+50	0	333.72				
			0.00	620.83	15617.67	251273.20
335+00	0	336.78				
			0.00	628.43	15617.67	251901.63
335+50	0	341.92				
			0.00	639.65	15617.67	252541.28
336+00	0	348.9				
			0.00	652.80	15617.67	253194.07
336+50	0	356.12				
			0.00	667.95	15617.67	253862.03

337+00	0	365.27				
			0.00	685.69	15617.67	254547.72
337+50	0	375.28				
			0.00	701.99	15617.67	255249.71
338+00	0	382.87				
			0.00	712.10	15617.67	255961.81
338+50	0	386.2				
			0.00	710.06	15617.67	256671.87
339+00	0	380.66				
			0.00	697.42	15617.67	257369.29
339+50	0	372.55				
			0.00	683.42	15617.67	258052.70
340+00	0	365.54				
			0.00	671.44	15617.67	258724.14
340+50	0	359.61				
			0.00	659.82	15617.67	259383.96
341+00	0	353				
			0.00	642.94	15617.67	260026.90
341+50	0	341.37				
			0.00	621.56	15617.67	260648.46
342+00	0	329.92				
			0.00	599.99	15617.67	261248.45
342+50	0	318.07				
			0.00	574.61	15617.67	261823.06
343+00	0	302.51				
			0.00	548.15	15617.67	262371.21
343+50	0	289.49				
			0.00	523.70	15617.67	262894.92
344+00	0	276.11				
			0.00	497.88	15617.67	263392.80
344+50	0	261.6				
			0.00	468.19	15617.67	263860.99
345+00	0	244.05				
			0.00	434.69	15617.67	264295.69
345+50	0	225.42				
			0.00	400.10	15617.67	264695.79
346+00	0	206.69				
			0.00	365.96	15617.67	265061.75
346+50	0	188.55				
			0.00	334.82	15617.67	265396.57
347+00	0	173.06				
			0.00	309.24	15617.67	265705.81
347+50	0	160.92				
			0.00	290.73	15617.67	265996.55
348+00	0	153.07				
			0.00	278.99	15617.67	266275.54
348+50	0	148.24				
			0.00	270.77	15617.67	266546.31
349+00	0	144.19				
			0.00	263.71	15617.67	266810.02
349+50	0	140.62				
			0.00	258.99	15617.67	267069.01

350+00	0	139.09				
			0.00	257.52	15617.67	267326.53
350+50	0	139.03				
			0.00	259.04	15617.67	267585.56
351+00	0	140.73				
			0.00	264.07	15617.67	267849.64
351+50	0	144.47				
			0.00	271.58	15617.67	268121.22
352+00	0	148.84				
			0.00	282.18	15617.67	268403.40
352+50	0	155.91				
			0.00	296.62	15617.67	268700.02
353+00	0	164.44				
			0.00	312.55	15617.67	269012.56
353+50	0	173.11				
			0.00	327.74	15617.67	269340.31
354+00	0	180.85				
			0.00	342.15	15617.67	269682.45
354+50	0	188.67				
			0.00	356.31	15617.67	270038.77
355+00	0	196.15				
			0.00	370.40	15617.67	270409.17
355+50	0	203.88				
			0.00	384.80	15617.67	270793.96
356+00	0	211.7				
			0.00	400.27	15617.67	271194.23
356+50	0	220.59				
			0.00	416.51	15617.67	271610.74
357+00	0	229.24				
			0.00	432.68	15617.67	272043.42
357+50	0	238.05				
			0.00	448.72	15617.67	272492.14
358+00	0	246.57				
			0.00	463.36	15617.67	272955.50
358+50	0	253.86				
			0.00	475.31	15617.67	273430.81
359+00	0	259.48				
			0.00	482.94	15617.67	273913.76
359+50	0	262.1				
			0.00	486.30	15617.67	274400.06
360+00	0	263.1				
			0.00	485.56	15617.67	274885.61
360+50	0	261.3				
			0.00	481.27	15617.67	275366.88
361+00	0	258.47				
			0.00	476.61	15617.67	275843.49
361+50	0	256.27				
			0.00	476.20	15617.67	276319.69
362+00	0	258.03				
			0.00	483.04	15617.67	276802.73
362+50	0	263.65				
			0.00	494.50	15617.67	277297.23

363+00	0	270.41				
			0.00	505.48	15617.67	277802.71
363+50	0	275.51				
			0.00	511.37	15617.67	278314.08
364+00	0	276.77				
			0.00	513.20	15617.67	278827.29
364+50	0	277.49				
			0.00	516.82	15617.67	279344.11
365+00	0	280.68				
			0.00	519.87	15617.67	279863.98
365+50	0	280.78				
			0.00	519.48	15617.67	280383.46
366+00	0	280.26				
			0.00	516.55	15617.67	280900.01
366+50	0	277.61				
			0.00	506.35	15617.67	281406.36
367+00	0	269.25				
			0.00	485.06	15617.67	281891.42
367+50	0	254.61				
			0.00	456.22	15617.67	282347.64
368+00	0	238.11				
			0.00	424.64	15617.67	282772.28
368+50	0	220.5				
			0.00	398.52	15617.67	283170.80
369+00	0	209.9				
			0.00	380.94	15617.67	283551.73
369+50	0	201.51				
			0.00	369.16	15617.67	283920.89
370+00	0	197.18				
			0.00	361.35	15617.67	284282.24
370+50	0	193.08				
			0.00	350.75	15617.67	284632.99
371+00	0	185.73				
			0.00	337.51	15617.67	284970.50
371+50	0	178.78				
			0.00	322.16	15617.67	285292.66
372+00	0	169.15				
			0.00	301.83	15617.67	285594.49
372+50	0	156.83				
			0.00	278.85	15617.67	285873.34
373+00	0	144.33				
			0.00	257.20	15617.67	286130.55
373+50	0	133.45				
			0.00	237.40	15617.67	286367.94
374+00	0	122.94				
			0.00	218.20	15617.67	286586.15
374+50	0	112.72				
			0.00	202.22	15617.67	286788.37
375+00	0	105.68				
			0.00	191.38	15617.67	286979.75
375+50	0	101.01				
			0.00	183.52	15617.67	287163.27

376+00	0	97.19				
			0.00	177.60	15617.67	287340.87
376+50	0	94.62				
			0.00	173.44	15617.67	287514.31
377+00	0	92.7				
			0.00	170.69	15617.67	287685.00
377+50	0	91.64				
			0.00	168.44	15617.67	287853.44
378+00	0	90.27				
			0.00	166.09	15617.67	288019.53
378+50	0	89.11				
			0.00	163.86	15617.67	288183.39
379+00	0	87.86				
			0.00	160.20	15617.67	288343.59
379+50	0	85.16				
			0.00	156.20	15617.67	288499.80
380+00	0	83.54				
			0.00	152.44	15617.67	288652.24
380+50	0	81.1				
			0.00	148.10	15617.67	288800.34
381+00	0	78.85				
			0.00	144.06	15617.67	288944.41
381+50	0	76.74				
			0.00	140.26	15617.67	289084.67
382+00	0	74.74				
			0.00	135.70	15617.67	289220.37
382+50	0	71.82				
			0.00	130.84	15617.67	289351.21
383+00	0	69.49				
			0.00	126.25	15617.67	289477.46
383+50	0	66.86				
			0.00	121.40	15617.67	289598.86
384+00	0	64.25				
			0.00	117.45	15617.67	289716.31
384+50	0	62.6				
			0.00	114.94	15617.67	289831.25
385+00	0	61.53				
			0.00	112.65	15617.67	289943.90
385+50	0	60.13				
			0.00	109.28	15617.67	290053.18
386+00	0	57.89				
			0.00	104.40	15617.67	290157.57
386+50	0	54.86				
			0.00	99.34	15617.67	290256.92
387+00	0	52.43				
			0.00	94.42	15617.67	290351.33
387+50	0	49.54				
			0.00	89.41	15617.67	290440.74
388+00	0	47.02				
			0.00	85.51	15617.67	290526.25
388+50	0	45.33				
			0.00	82.26	15617.67	290608.51

389+00	0	43.51				
			0.00	79.24	15617.67	290687.75
389+50	0	42.07				
			0.00	77.37	15617.67	290765.12
390+00	0	41.49				
			0.00	77.73	15617.67	290842.85
390+50	0	42.46				
			0.00	79.69	15617.67	290922.55
391+00	0	43.61				
			0.00	82.10	15617.67	291004.65
391+50	0	45.06				
			0.00	85.26	15617.67	291089.91
392+00	0	47.02				
			0.00	88.90	15617.67	291178.81
392+50	0	48.99				
			0.00	92.61	15617.67	291271.42
393+00	0	51.03				
			0.00	96.84	15617.67	291368.26
393+50	0	53.56				
			0.00	101.56	15617.67	291469.81
394+00	0	56.12				
			0.00	106.56	15617.67	291576.37
394+50	0	58.96				
			0.00	110.91	15617.67	291687.28
395+00	0	60.82				
			0.00	114.72	15617.67	291802.00
395+50	0	63.08				
			0.00	119.21	15617.67	291921.21
396+00	0	65.67				
			0.00	123.22	15617.67	292044.44
396+50	0	67.41				
			0.00	127.09	15617.67	292171.53
397+00	0	69.85				
			0.00	131.97	15617.67	292303.50
397+50	0	72.68				
			0.00	136.77	15617.67	292440.27
398+00	0	75.03				
			0.00	140.01	15617.67	292580.28
398+50	0	76.18				
			0.00	141.92	15617.67	292722.19
399+00	0	77.09				
			0.00	143.58	15617.67	292865.78
399+50	0	77.98				
			0.00	145.33	15617.67	293011.11
400+00	0	78.98				
			0.00	147.25	15617.67	293158.36
400+50	0	80.05				
			0.00	149.47	15617.67	293307.83
401+00	0	81.38				
			0.00	151.38	15617.67	293459.21
401+50	0	82.11				
			0.00	152.05	15617.67	293611.26

402+00	0	82.1				
			0.00	151.67	15617.67	293762.93
402+50	0	81.7				
			0.00	150.62	15617.67	293913.55
403+00	0	80.97				
			0.00	149.86	15617.67	294063.41
403+50	0	80.88				
			0.00	149.44	15617.67	294212.85
404+00	0	80.52				
			0.00	148.26	15617.67	294361.11
404+50	0	79.6				
			0.00	146.43	15617.67	294507.54
405+00	0	78.54				
			0.00	144.21	15617.67	294651.75
405+50	0	77.21				
			0.00	141.78	15617.67	294793.53
406+00	0	75.91				
			0.00	139.21	15617.67	294932.74
406+50	0	74.44				
			0.00	136.35	15617.67	295069.09
407+00	0	72.82				
			0.00	133.05	15617.67	295202.14
407+50	0	70.87				
			0.00	130.45	15617.67	295332.59
408+00	0	70.02				
			0.00	128.64	15617.67	295461.23
408+50	0	68.91				
			0.00	126.62	15617.67	295587.85
409+00	0	67.84				
			0.00	124.43	15617.67	295712.28
409+50	0	66.54				
			0.00	122.14	15617.67	295834.42
410+00	0	65.37				
			0.00	119.75	15617.67	295954.17
410+50	0	63.96				
			0.00	116.66	15617.67	296070.82
411+00	0	62.03				
			0.00	112.85	15617.67	296183.68
411+50	0	59.85				
			0.00	109.14	15617.67	296292.81
412+00	0	58.02				
			0.00	105.13	15617.67	296397.94
412+50	0	55.52				
			0.00	99.84	15617.67	296497.79
413+00	0	52.31				
			0.00	94.44	15617.67	296592.22
413+50	0	49.68				
			0.00	89.29	15617.67	296681.51
414+00	0	46.75				
			0.00	83.97	15617.67	296765.48
414+50	0	43.94				
			0.00	78.73	15617.67	296844.21

415+00	0	41.09				
			0.00	73.24	15617.67	296917.45
415+50	0	38.01				
			0.00	67.44	15617.67	296984.90
416+00	0	34.83				
			0.00	62.28	15617.67	297047.18
416+50	0	32.43				
			0.00	56.39	15617.67	297103.56
417+00	0	28.47				
			0.00	47.13	15617.67	297150.69
417+50	0	22.43				
			0.00	36.10	15617.67	297186.80
418+00	0	16.56				
			0.00	25.98	15617.67	297212.78
418+50	0	11.5				
			0.00	17.03	15617.67	297229.81
419+00	0	6.89				
			0.00	8.33	15617.67	297238.14
419+50	0	2.11				
			1.94	1.95	15619.61	297240.09
420+00	2.1	0				
			7.91	0.00	15627.52	297240.09
420+50	6.44	0				
			15.70	0.00	15643.22	297240.09
421+00	10.52	0				
			22.91	0.00	15666.13	297240.09
421+50	14.22	0				
			29.57	0.00	15695.70	297240.09
422+00	17.72	0				
			35.88	0.00	15731.58	297240.09
422+50	21.03	0				
			42.01	0.00	15773.59	297240.09
423+00	24.34	0				
			48.68	0.00	15822.27	297240.09
423+50	28.23	0				
			55.31	0.00	15877.58	297240.09
424+00	31.51	0				
			61.53	0.00	15939.11	297240.09
424+50	34.94	0				
			68.51	0.00	16007.62	297240.09
425+00	39.05	0				
			75.82	0.00	16083.44	297240.09
425+50	42.84	0				
			82.84	0.00	16166.29	297240.09
426+00	46.63	0				
			89.66	0.00	16255.94	297240.09
426+50	50.2	0				
			96.28	0.00	16352.22	297240.09
427+00	53.78	0				
			102.83	0.00	16455.06	297240.09
427+50	57.28	0				
			109.79	0.00	16564.84	297240.09

428+00	61.29	0				
			117.44	0.00	16682.28	297240.09
428+50	65.54	0				
			125.56	0.00	16807.83	297240.09
429+00	70.06	0				
			135.14	0.00	16942.97	297240.09
429+50	75.89	0				
			146.09	0.00	17089.06	297240.09
430+00	81.89	0				
			156.92	0.00	17245.98	297240.09
430+50	87.58	0				
			166.54	0.00	17412.52	297240.09
431+00	92.28	0				
			175.73	0.00	17588.25	297240.09
431+50	97.51	0				
			186.00	0.00	17774.25	297240.09
432+00	103.37	0				
			196.22	0.00	17970.47	297240.09
432+50	108.55	0				
			205.59	0.00	18176.06	297240.09
433+00	113.49	0				
			215.04	0.00	18391.10	297240.09
433+50	118.75	0				
			224.30	0.00	18615.40	297240.09
434+00	123.49	0				
			232.55	0.00	18847.94	297240.09
434+50	127.66	0				
			243.46	0.00	19091.41	297240.09
435+00	135.28	0				
			262.61	0.00	19354.02	297240.09
435+50	148.34	0				
			289.30	0.00	19643.31	297240.09
436+00	164.1	0				
			317.88	0.00	19961.19	297240.09
436+50	179.21	0				
			345.28	0.00	20306.47	297240.09
437+00	193.69	0				
			369.86	0.00	20676.33	297240.09
437+50	205.76	0				
			387.63	0.00	21063.96	297240.09
438+00	212.88	0				
			393.56	0.00	21457.53	297240.09
438+50	212.17	0				
			386.07	0.00	21843.60	297240.09
439+00	204.79	0				
			366.06	0.00	22209.67	297240.09
439+50	190.56	0				
			335.71	0.00	22545.38	297240.09
440+00	172.01	0				
			300.17	0.00	22845.55	297240.09
440+50	152.17	0				
			263.19	0.00	23108.74	297240.09

441+00	132.08	0				
			235.11	0.00	23343.85	297240.09
441+50	121.84	0				
			112.81	67.27	23456.67	297307.36
442+00	0	72.65				
			0.00	515.68	23456.67	297823.04
442+50	0	484.28				
			0.00	914.86	23456.67	298737.90
443+00	0	503.77				
			0.00	776.77	23456.67	299514.67
443+50	0	335.14				
			0.00	394.70	23456.67	299909.37
444+00	0	91.14				
			4.65	100.82	23461.31	300010.19
444+50	5.02	17.75				
			4.65	92.17	23465.96	300102.36
445+00	0	81.79				
			0.00	272.45	23465.96	300374.81
445+50	0	212.46				
			0.00	486.74	23465.96	300861.56
446+00	0	313.22				
			0.00	645.35	23465.96	301506.91
446+50	0	383.76				
			0.00	730.69	23465.96	302237.59
447+00	0	405.38				
			0.00	754.40	23465.96	302991.99
447+50	0	409.37				
			0.00	735.12	23465.96	303727.11
448+00	0	384.56				
			0.00	628.75	23465.96	304355.86
448+50	0	294.49				
			0.00	429.84	23465.96	304785.70
449+00	0	169.74				
			0.00	233.62	23465.96	305019.32
449+50	0	82.57				
			0.00	106.44	23465.96	305125.76
450+00	0	32.38				
			1.08	37.84	23467.05	305163.60
450+50	1.17	8.49				
			6.01	8.23	23473.06	305171.83
451+00	5.32	0.4				
			14.57	0.37	23487.63	305172.20
451+50	10.42	0				
			20.92	0.00	23508.55	305172.20
452+00	12.17	0				
			20.52	0.00	23529.06	305172.20
452+50	9.99	0				
			14.30	0.03	23543.36	305172.23
453+00	5.45	0.03				
			6.13	1.96	23549.49	305174.19
453+50	1.17	2.09				
			1.08	7.51	23550.57	305181.70

454+00	0	6.02				
			0.00	18.01	23550.57	305199.71
454+50	0	13.43				
			0.00	35.59	23550.57	305235.31
455+00	0	25.01				
			0.00	59.29	23550.57	305294.59
455+50	0	39.02				
			0.00	84.94	23550.57	305379.53
456+00	0	52.71				
			0.00	108.39	23550.57	305487.92
456+50	0	64.35				
			0.00	125.79	23550.57	305613.70
457+00	0	71.5				
			0.00	138.74	23550.57	305752.44
457+50	0	78.34				
			0.00	148.98	23550.57	305901.43
458+00	0	82.56				
			0.00	149.29	23550.57	306050.71
458+50	0	78.67				
			0.00	137.98	23550.57	306188.69
459+00	0	70.35				
			0.00	122.38	23550.57	306311.07
459+50	0	61.82				
			0.00	106.73	23550.57	306417.81
460+00	0	53.45				
			0.00	91.29	23550.57	306509.09
460+50	0	45.14				
			0.00	77.08	23550.57	306586.18
461+00	0	38.11				
			0.00	63.31	23550.57	306649.48
461+50	0	30.26				
			0.00	50.68	23550.57	306700.16
462+00	0	24.47				
			0.00	43.12	23550.57	306743.28
462+50	0	22.1				
			0.00	42.58	23550.57	306785.86
463+00	0	23.89				
			0.00	48.03	23550.57	306833.89
463+50	0	27.98				
			0.00	57.44	23550.57	306891.32
464+00	0	34.05				
			0.00	66.04	23550.57	306957.36
464+50	0	37.27				
			0.00	70.12	23550.57	307027.48
465+00	0	38.46				
			0.00	73.69	23550.57	307101.18
465+50	0	41.13				
			0.00	78.89	23550.57	307180.06
466+00	0	44.07				
			0.00	82.93	23550.57	307262.99
466+50	0	45.49				
			0.00	82.12	23550.57	307345.11

467+00	0	43.2				
			0.00	73.42	23550.57	307418.53
467+50	0	36.09				
			0.00	58.67	23550.57	307477.19
468+00	0	27.27				
			0.00	43.65	23550.57	307520.84
468+50	0	19.87				
			0.00	31.47	23550.57	307552.31
469+00	0	14.12				
			0.00	22.48	23550.57	307574.80
469+50	0	10.16				
			0.00	16.07	23550.57	307590.87
470+00	0	7.2				
			0.35	9.79	23550.93	307600.66
470+50	0.38	3.37				
			3.73	3.27	23554.66	307603.93
471+00	3.65	0.16				
			16.55	0.15	23571.20	307604.07
471+50	14.22	0				
			40.83	0.00	23612.04	307604.07
472+00	29.88	0				
			73.21	0.00	23685.25	307604.07
472+50	49.19	0				
			109.09	0.00	23794.34	307604.07
473+00	68.63	0				
			141.30	0.00	23935.64	307604.07
473+50	83.97	0				
			161.27	0.00	24096.91	307604.07
474+00	90.2	0				
			167.78	0.00	24264.69	307604.07
474+50	91	0				
			168.60	0.00	24433.29	307604.07
475+00	91.09	0				
			166.48	0.00	24599.77	307604.07
475+50	88.71	0				
			161.23	0.00	24761.00	307604.07
476+00	85.42	0				
			155.69	0.00	24916.69	307604.07
476+50	82.72	0				
			151.30	0.00	25067.98	307604.07
477+00	80.68	0				
			148.06	0.00	25216.04	307604.07
477+50	79.22	0				
			146.17	0.00	25362.20	307604.07
478+00	78.64	0				
			145.73	0.00	25507.94	307604.07
478+50	78.75	0				
			145.89	0.00	25653.82	307604.07
479+00	78.81	0				
			146.16	0.00	25799.98	307604.07
479+50	79.04	0				
			145.21	0.00	25945.19	307604.07

480+00	77.79	0				
			138.88	0.00	26084.07	307604.07
480+50	72.2	0				
			124.89	0.00	26208.96	307604.07
481+00	62.68	0				
			107.81	0.00	26316.77	307604.07
481+50	53.75	0				
			93.94	0.00	26410.70	307604.07
482+00	47.7	0				
			84.87	0.00	26495.57	307604.07
482+50	43.96	0				
			81.08	0.00	26576.66	307604.07
483+00	43.61	0				
			80.50	0.00	26657.16	307604.07
483+50	43.33	0				
			78.57	0.00	26735.73	307604.07
484+00	41.53	0				
			75.48	0.00	26811.21	307604.07
484+50	39.99	0				
			71.13	0.00	26882.34	307604.07
485+00	36.83	0				
			64.52	0.00	26946.86	307604.07
485+50	32.85	0				
			56.46	0.00	27003.32	307604.07
486+00	28.13	0				
			46.32	0.00	27049.65	307604.07
486+50	21.9	0				
			34.56	0.00	27084.20	307604.07
487+00	15.42	0				
			23.39	0.00	27107.59	307604.07
487+50	9.84	0				
			13.72	0.00	27121.31	307604.07
488+00	4.98	0				
			4.61	1.06	27125.93	307605.14
488+50	0	1.15				
			0.00	6.56	27125.93	307611.70
489+00	0	5.94				
			0.00	16.79	27125.93	307628.49
489+50	0	12.19				
			0.00	28.17	27125.93	307656.66
490+00	0	18.23				
			0.00	38.37	27125.93	307695.03
490+50	0	23.21				
			0.00	47.49	27125.93	307742.52
491+00	0	28.08				
			0.00	54.65	27125.93	307797.17
491+50	0	30.94				
			0.00	58.73	27125.93	307855.90
492+00	0	32.49				
			0.00	68.94	27125.93	307924.84
492+50	0	41.97				
			0.00	87.36	27125.93	308012.20

493+00	0	52.38				
			0.00	96.68	27125.93	308108.88
493+50	0	52.03				
			0.00	81.56	27125.93	308190.44
494+00	0	36.06				
			26.64	33.39	27152.56	308223.83
494+50	28.77	0				
			163.94	0.00	27316.51	308223.83
495+00	148.29	0				
			392.17	0.00	27708.68	308223.83
495+50	275.25	0				
			588.17	0.00	28296.84	308223.83
496+00	359.97	0				
			710.31	0.00	29007.16	308223.83
496+50	407.17	0				
			795.38	0.00	29802.54	308223.83
497+00	451.84	0				
			878.56	0.00	30681.10	308223.83
497+50	497.01	0				
			962.42	0.00	31643.52	308223.83
498+00	542.4	0				
			1046.10	0.00	32689.62	308223.83
498+50	587.39	0				
			1129.94	0.00	33819.56	308223.83
499+00	632.94	0				
			1216.05	0.00	35035.60	308223.83
499+50	680.39	0				
			1300.55	0.00	36336.15	308223.83
500+00	724.2	0				
			1379.56	0.00	37715.70	308223.83
500+50	765.72	0				
			1454.46	0.00	39170.17	308223.83
501+00	805.1	0				
			1527.23	0.00	40697.40	308223.83
501+50	844.31	0				
			1599.78	0.00	42297.18	308223.83
502+00	883.45	0				
			1671.33	0.00	43968.51	308223.83
502+50	921.59	0				
			1744.24	0.00	45712.75	308223.83
503+00	962.19	0				
			1823.02	0.00	47535.77	308223.83
503+50	1006.67	0				
			1912.86	0.00	49448.63	308223.83
504+00	1059.22	0				
			2020.57	0.00	51469.20	308223.83
504+50	1123	0				
			2144.89	0.00	53614.09	308223.83
505+00	1193.48	0				
			2279.21	0.00	55893.31	308223.83
505+50	1268.07	0				
			2417.29	0.00	58310.59	308223.83

506+00	1342.6	0				
			2559.30	0.00	60869.89	308223.83
506+50	1421.44	0				
			2706.60	0.00	63576.49	308223.83
507+00	1501.69	0				
			2855.52	0.00	66432.01	308223.83
507+50	1582.27	0				
			3003.90	0.00	69435.91	308223.83
508+00	1661.94	0				
			3147.31	0.00	72583.22	308223.83
508+50	1737.16	0				
			3279.23	0.00	75862.45	308223.83
509+00	1804.41	0				
			3397.89	0.00	79260.34	308223.83
509+50	1865.31	0				
			3506.84	0.00	82767.19	308223.83
510+00	1922.08	0				
			3600.86	0.00	86368.05	308223.83
510+50	1966.85	0				
			3667.88	0.00	90035.93	308223.83
511+00	1994.46	0				
			3711.22	0.00	93747.15	308223.83
511+50	2013.66	0				
			3740.10	0.00	97487.25	308223.83
512+00	2025.65	0				
			3756.87	0.00	101244.12	308223.83
512+50	2031.77	0				
			3759.39	0.00	105003.51	308223.83
513+00	2028.37	0				
			3748.03	0.00	108751.54	308223.83
513+50	2019.5	0				
			3723.77	0.00	112475.31	308223.83
514+00	2002.17	0				
			3683.51	0.00	116158.81	308223.83
514+50	1976.02	0				
			3632.89	0.00	119791.70	308223.83
515+00	1947.5	0				
			3575.13	0.00	123366.83	308223.83
515+50	1913.64	0				
			3481.81	0.00	126848.64	308223.83
516+00	1846.71	0				
			3356.07	0.00	130204.71	308223.83
516+50	1777.85	0				
			3224.49	0.00	133429.20	308223.83
517+00	1704.6	0				
			3087.74	0.00	136516.94	308223.83
517+50	1630.16	0				
			2941.02	0.00	139457.96	308223.83
518+00	1546.14	0				
			2775.31	0.00	142233.27	308223.83
518+50	1451.19	0				
			2598.34	0.00	144831.61	308223.83

519+00	1355.02	0				
			2420.99	0.00	147252.60	308223.83
519+50	1259.65	0				
			2241.70	0.00	149494.31	308223.83
520+00	1161.39	0				
			2063.31	0.00	151557.62	308223.83
520+50	1066.99	0				
			1897.03	0.00	153454.65	308223.83
521+00	981.8	0				
			1747.50	0.00	155202.15	308223.83
521+50	905.5	0				
			1613.19	0.00	156815.33	308223.83
522+00	836.74	0				
			1489.63	0.00	158304.96	308223.83
522+50	772.06	0				
			1374.45	0.00	159679.42	308223.83
523+00	712.35	0				
			1244.75	0.00	160924.17	308223.83
523+50	631.98	0				
			1091.97	0.00	162016.14	308223.83
524+00	547.35	0				
			943.96	0.00	162960.10	308223.83
524+50	472.13	0				
			809.69	0.00	163769.79	308223.83
525+00	402.33	0				
			676.57	0.00	164446.36	308223.83
525+50	328.37	0				
			525.89	0.00	164972.25	308223.83
526+00	239.59	0				
			376.56	0.00	165348.81	308223.83
526+50	167.09	0				
			299.14	0.00	165647.94	308223.83
527+00	155.98	0				
			312.86	0.00	165960.81	308223.83
527+50	181.91	0				
			379.55	0.00	166340.35	308223.83
528+00	228	0				
			470.58	0.00	166810.94	308223.83
528+50	280.23	0				
			552.73	0.00	167363.67	308223.83
529+00	316.72	0				
			610.23	0.00	167973.90	308223.83
529+50	342.33	0				
			650.78	0.00	168624.68	308223.83
530+00	360.51	0				
			682.47	0.00	169307.15	308223.83
530+50	376.56	0				
			710.74	0.00	170017.89	308223.83
531+00	391.04	0				
			730.34	0.00	170748.23	308223.83
531+50	397.73	0				
			736.98	0.00	171485.21	308223.83

532+00	398.21	0				
			735.45	0.00	172220.67	308223.83
532+50	396.08	0				
			730.38	0.00	172951.05	308223.83
533+00	392.73	0				
			714.78	0.00	173665.82	308223.83
533+50	379.23	0				
			686.94	0.00	174352.76	308223.83
534+00	362.66	0				
			654.54	0.00	175007.30	308223.83
534+50	344.24	0				
			614.91	0.00	175622.20	308223.83
535+00	319.86	0				
			551.74	0.00	176173.94	308223.83
535+50	276.02	0				
			459.85	0.00	176633.80	308223.83
536+00	220.62	0				
			360.54	0.00	176994.33	308223.83
536+50	168.76	0				
			265.53	0.00	177259.86	308223.83
537+00	118.01	0				
			178.53	0.00	177438.39	308223.83
537+50	74.8	0				
			100.39	0.00	177538.78	308223.83
538+00	33.62	0				
			31.13	13.55	177569.91	308237.38
538+50	0	14.63				
			0.00	61.25	177569.91	308298.63
539+00	0	51.52				
			0.00	89.07	177569.91	308387.70
539+50	0	44.68				
			27.39	41.37	177597.30	308429.07
540+00	29.58	0				
			161.05	0.00	177758.34	308429.07
540+50	144.35	0				
			361.49	0.00	178119.83	308429.07
541+00	246.06	0				
			512.84	0.00	178632.68	308429.07
541+50	307.81	0				
			602.98	0.00	179235.66	308429.07
542+00	343.41	0				
			649.86	0.00	179885.52	308429.07
542+50	358.44	0				
			670.73	0.00	180556.25	308429.07
543+00	365.95	0				
			683.25	0.00	181239.50	308429.07
543+50	371.96	0				
			692.61	0.00	181932.11	308429.07
544+00	376.06	0				
			698.53	0.00	182630.64	308429.07
544+50	378.35	0				
			699.07	0.00	183329.71	308429.07

545+00	376.65	0				
			692.19	0.00	184021.90	308429.07
545+50	370.91	0				
			679.22	0.00	184701.12	308429.07
546+00	362.65	0				
			662.48	0.00	185363.60	308429.07
546+50	352.83	0				
			642.72	0.00	186006.32	308429.07
547+00	341.31	0				
			619.73	0.00	186626.06	308429.07
547+50	328	0				
			594.94	0.00	187221.00	308429.07
548+00	314.54	0				
			569.50	0.00	187790.50	308429.07
548+50	300.52	0				
			543.87	0.00	188334.37	308429.07
549+00	286.86	0				
			519.46	0.00	188853.83	308429.07
549+50	274.16	0				
			496.41	0.00	189350.24	308429.07
550+00	261.96	0				
			473.41	0.00	189823.65	308429.07
550+50	249.32	0				
			449.81	0.00	190273.45	308429.07
551+00	236.47	0				
			425.92	0.00	190699.37	308429.07
551+50	223.52	0				
			400.68	0.00	191100.05	308429.07
552+00	209.21	0				
			373.45	0.00	191473.50	308429.07
552+50	194.12	0				
			345.88	0.00	191819.38	308429.07
553+00	179.43	0				
			316.81	0.00	192136.19	308429.07
553+50	162.72	0				
			282.22	0.00	192418.41	308429.07
554+00	142.08	0				
			239.69	0.00	192658.10	308429.07
554+50	116.79	0				
			188.51	0.00	192846.61	308429.07
555+00	86.8	0				
			133.55	0.00	192980.16	308429.07
555+50	57.43	0				
			80.25	0.00	193060.41	308429.07
556+00	29.24	0				
			29.14	1.04	193089.55	308430.11
556+50	2.23	1.12				
			2.06	25.47	193091.61	308455.58
557+00	0	26.39				
			0.00	64.56	193091.61	308520.15
557+50	0	43.34				
			0.00	87.36	193091.61	308607.51

558+00	0	51.01				
			0.00	94.72	193091.61	308702.23
558+50	0	51.29				
			0.00	86.70	193091.61	308788.94
559+00	0	42.35				
			0.00	70.45	193091.61	308859.39
559+50	0	33.74				
			0.00	60.45	193091.61	308919.84
560+00	0	31.55				
			0.00	57.11	193091.61	308976.95
560+50	0	30.13				
			0.00	52.03	193091.61	309028.98
561+00	0	26.06				
			0.00	44.70	193091.61	309073.69
561+50	0	22.22				
			0.00	37.19	193091.61	309110.87
562+00	0	17.94				
			0.00	28.13	193091.61	309139.00
562+50	0	12.44				
			0.00	17.74	193091.61	309156.74
563+00	0	6.72				
			0.00	7.81	193091.61	309164.55
563+50	0	1.71				
			0.04	0.73	193091.65	309165.28
563+71.90	0.1	0.1				

Alternative 1 Floodplain

ALT 1 - FLOODPLAIN AREAS						
	CUTA	FILLA	CUTV	FILLV	CUMCUTV	CUMFILLV
			0.00	0.00	0.00	0.00
158+50	0	390.11	0.00	768.32	0.00	768.32
159+00	0	439.68	0.00	882.11	0.00	1650.44
159+50	0	513	0.00	1042.73	0.00	2693.17
160+00	0	613.15	0.00	1256.34	0.00	3949.51
160+50	0	743.7	0.00	1540.75	0.00	5490.26
161+00	0	920.31	0.00	1941.69	0.00	7431.94
161+50	0	1176.71	0.00	2443.56	0.00	9875.51
162+00	0	1462.34	0.00	3003.98	0.00	12879.49
162+50	0	1781.96	0.00	3595.49	0.00	16474.98
163+00	0	2101.17	0.00	4104.56	0.00	20579.55
163+50	0	2331.76	0.00	4419.84	0.00	24999.39
164+00	0	2441.67	0.00	4501.18	0.00	29500.56
164+50	0	2419.6	0.00	4277.05	0.00	33777.61
165+00	0	2199.61	0.00	3914.86	0.00	37692.47
165+50	0	2028.44	0.00	3531.81	0.00	41224.29
166+00	0	1785.92	0.00	3073.11	0.00	44297.40
166+50	0	1533.04	0.00	2616.25	0.00	46913.65
167+00	0	1292.51	0.00	2123.94	0.00	49037.59
167+50	0	1001.35	0.00	1592.07	0.00	50629.67
168+00	0	718.09	0.00	1118.84	0.00	51748.51
168+50	0	490.26	0.00	729.74	0.00	52478.25
169+00	0	297.86	0.00	411.31	0.00	52889.56
169+50	0	146.35	0.00	188.19	0.00	53077.74
170+00	0	56.89				

			0.00	0.00	0.00	0.00
221+00	0	37.95	0.00	77.50	0.00	77.50
221+50	0	45.75	0.00	94.08	0.00	171.58
222+00	0	55.86	0.00	115.21	0.00	286.80
222+50	0	68.57	0.00	141.41	0.00	428.20
223+00	0	84.15	0.00	175.11	0.00	603.31
223+50	0	104.97	0.00	218.81	0.00	822.12
224+00	0	131.34	0.00	273.59	0.00	1095.71
224+50	0	164.14	0.00	342.11	0.00	1437.82
225+00	0	205.34	0.00	424.32	0.00	1862.15
225+50	0	252.93	0.00	515.26	0.00	2377.41
226+00	0	303.55	0.00	608.00	0.00	2985.41
226+50	0	353.09	0.00	700.87	0.00	3686.28
227+00	0	403.85	0.00	797.33	0.00	4483.61
227+50	0	457.27	0.00	895.17	0.00	5378.78
228+00	0	509.51	0.00	981.26	0.00	6360.04
228+50	0	550.25	0.00	1061.45	0.00	7421.49
229+00	0	596.12	0.00	1141.76	0.00	8563.25
229+50	0	636.98	0.00	1195.47	0.00	9758.72
230+00	0	654.13	0.00	1200.23	0.00	10958.95
230+50	0	642.12	0.00	1186.13	0.00	12145.08
231+00	0	638.9	0.00	1221.63	0.00	13366.71
231+50	0	680.46	0.00	1289.44	0.00	14656.15
232+00	0	712.13	0.00	1325.40	0.00	15981.55
232+50	0	719.3	0.00	1300.79	0.00	17282.33
233+00	0	685.55	0.00	1183.75	0.00	18466.08

233+50	0	592.9				
			0.00	976.21	0.00	19442.30
234+00	0	461.41				
			0.00	701.61	0.00	20143.91
234+50	0	296.33				
			0.00	423.99	0.00	20567.90
235+00	0	161.58				
			0.00	217.95	0.00	20785.85
235+50	0	73.81				
			0.00	0.00	0.00	0.00
268+50	0	55.87				
			0.00	107.78	0.00	107.78
269+00	0	60.53				
			0.00	116.34	0.00	224.12
269+50	0	65.12				
			0.00	126.51	0.00	350.63
270+00	0	71.51				
			0.00	140.28	0.00	490.91
270+50	0	79.99				
			0.00	157.68	0.00	648.58
271+00	0	90.3				
			0.00	178.07	0.00	826.66
271+50	0	102.02				
			0.00	202.22	0.00	1028.88
272+00	0	116.38				
			0.00	230.90	0.00	1259.78
272+50	0	132.99				
			0.00	265.86	0.00	1525.64
273+00	0	154.14				
			0.00	309.77	0.00	1835.41
273+50	0	180.41				
			0.00	364.89	0.00	2200.30
274+00	0	213.67				
			0.00	433.44	0.00	2633.73
274+50	0	254.44				
			0.00	517.37	0.00	3151.10
275+00	0	304.32				
			0.00	609.00	0.00	3760.10
275+50	0	353.4				
			0.00	706.93	0.00	4467.03
276+00	0	410.08				
			0.00	824.03	0.00	5291.06
276+50	0	479.87				
			0.00	958.41	0.00	6249.46
277+00	0	555.21				
			0.00	1087.62	0.00	7337.08
277+50	0	619.42				
			0.00	1188.79	0.00	8525.87
278+00	0	664.47				
			0.00	1263.25	0.00	9789.12

278+50	0	699.84				
			0.00	1332.95	0.00	11122.07
279+00	0	739.75				
			0.00	1425.89	0.00	12547.96
279+50	0	800.21				
			0.00	1524.76	0.00	14072.72
280+00	0	846.53				
			0.00	1534.21	0.00	15606.94
280+50	0	810.42				
			0.00	1446.20	0.00	17053.14
281+00	0	751.48				
			0.00	1352.27	0.00	18405.41
281+50	0	708.97				
			0.00	1284.47	0.00	19689.88
282+00	0	678.26				
			0.00	1222.07	0.00	20911.95
282+50	0	641.58				
			0.00	1150.10	0.00	22062.06
283+00	0	600.53				
			0.00	1072.82	0.00	23134.88
283+50	0	558.12				
			0.00	993.63	0.00	24128.51
284+00	0	515				
			0.00	913.12	0.00	25041.63
284+50	0	471.17				
			0.00	826.98	0.00	25868.61
285+00	0	421.97				
			0.00	732.46	0.00	26601.07
285+50	0	369.09				
			0.00	639.61	0.00	27240.69
286+00	0	321.69				
			0.00	560.69	0.00	27801.37
286+50	0	283.85				
			0.00	496.87	0.00	28298.24
287+00	0	252.77				
			0.00	442.73	0.00	28740.97
287+50	0	225.38				
			0.00	394.64	0.00	29135.61
288+00	0	200.83				
			0.00	356.74	0.00	29492.35
288+50	0	184.45				
			0.00	334.25	0.00	29826.60
289+00	0	176.54				
			0.00	319.99	0.00	30146.59
289+50	0	169.05				
			0.00	305.68	0.00	30452.27
290+00	0	161.08				
			0.00	292.81	0.00	30745.08
290+50	0	155.16				
			0.00	282.84	0.00	31027.93
291+00	0	150.31				
			0.00	275.89	0.00	31303.81

291+50	0	147.65				
			0.00	272.77	0.00	31576.58
292+00	0	146.94				
			0.00	271.86	0.00	31848.44
292+50	0	146.67				
			0.00	270.56	0.00	32119.00
293+00	0	145.53				
			0.00	0.00	0.00	0.00
440+50	152.17	0				
			263.19	0.00	263.19	0.00
441+00	132.08	0				
			235.11	0.00	498.31	0.00
441+50	121.84	0				
			112.81	67.27	611.12	67.27
442+00	0	72.65				
			0.00	515.68	611.12	582.94
442+50	0	484.28				
			0.00	914.86	611.12	1497.81
443+00	0	503.77				
			0.00	776.77	611.12	2274.57
443+50	0	335.14				
			0.00	394.70	611.12	2669.28
444+00	0	91.14				
			4.65	100.82	615.77	2770.10
444+50	5.02	17.75				
			4.65	92.17	620.42	2862.27
445+00	0	81.79				
			0.00	272.45	620.42	3134.72
445+50	0	212.46				
			0.00	486.74	620.42	3621.46
446+00	0	313.22				
			0.00	645.35	620.42	4266.81
446+50	0	383.76				
			0.00	730.69	620.42	4997.50
447+00	0	405.38				
			0.00	754.40	620.42	5751.90
447+50	0	409.37				
			0.00	735.12	620.42	6487.02
448+00	0	384.56				
			0.00	628.75	620.42	7115.77
448+50	0	294.49				
			0.00	429.84	620.42	7545.61
449+00	0	169.74				
			0.00	233.62	620.42	7779.23
449+50	0	82.57				
			0.00	106.44	620.42	7885.67
450+00	0	32.38				
			1.08	37.84	621.50	7923.51
450+50	1.17	8.49				
			6.01	8.23	627.51	7931.74
451+00	5.32	0.4				

			14.57	0.37	642.08	7932.11
451+50	10.42	0				
			20.92	0.00	663.00	7932.11
452+00	12.17	0				
			20.52	0.00	683.52	7932.11
452+50	9.99	0				
			14.30	0.03	697.81	7932.14
453+00	5.45	0.03				
			6.13	1.96	703.94	7934.10
453+50	1.17	2.09				
			1.08	7.51	705.03	7941.61
454+00	0	6.02				
			0.00	18.01	705.03	7959.62
454+50	0	13.43				
			0.00	35.59	705.03	7995.21
455+00	0	25.01				
			0.00	59.29	705.03	8054.50
455+50	0	39.02				
			0.00	84.94	705.03	8139.44
456+00	0	52.71				
			0.00	108.39	705.03	8247.82
456+50	0	64.35				
			0.00	125.79	705.03	8373.61
457+00	0	71.5				
			0.00	138.74	705.03	8512.35
457+50	0	78.34				
			0.00	148.98	705.03	8661.33
458+00	0	82.56				
			0.00	149.29	705.03	8810.62
458+50	0	78.67				
			0.00	137.98	705.03	8948.60
459+00	0	70.35				
			0.00	122.38	705.03	9070.98
459+50	0	61.82				
			0.00	106.73	705.03	9177.71
460+00	0	53.45				
			0.00	91.29	705.03	9269.00
460+50	0	45.14				
			0.00	77.08	705.03	9346.08
461+00	0	38.11				
			0.00	63.31	705.03	9409.39
461+50	0	30.26				
			0.00	50.68	705.03	9460.06
462+00	0	24.47				
			0.00	43.12	705.03	9503.19
462+50	0	22.1				
			0.00	42.58	705.03	9545.77
463+00	0	23.89				
			0.00	48.03	705.03	9593.80
463+50	0	27.98				
			0.00	57.44	705.03	9651.23
464+00	0	34.05				

			0.00	66.04	705.03	9717.27
464+50	0	37.27				
			0.00	70.12	705.03	9787.39
465+00	0	38.46				
			0.00	73.69	705.03	9861.08
465+50	0	41.13				
			0.00	78.89	705.03	9939.97
466+00	0	44.07				
			0.00	82.93	705.03	10022.90
466+50	0	45.49				
			0.00	82.12	705.03	10105.02
467+00	0	43.2				
			0.00	73.42	705.03	10178.44
467+50	0	36.09				
			0.00	58.67	705.03	10237.10
468+00	0	27.27				
			0.00	43.65	705.03	10280.75
468+50	0	19.87				
			0.00	31.47	705.03	10312.22
469+00	0	14.12				
			0.00	22.48	705.03	10334.70
469+50	0	10.16				
			0.00	16.07	705.03	10350.78
470+00	0	7.2				
			0.35	9.79	705.38	10360.56
470+50	0.38	3.37				
			3.73	3.27	709.11	10363.83
471+00	3.65	0.16				
			16.55	0.15	725.66	10363.98
471+50	14.22	0				
			40.83	0.00	766.49	10363.98
472+00	29.88	0				
			73.21	0.00	839.70	10363.98
472+50	49.19	0				
			109.09	0.00	948.80	10363.98
473+00	68.63	0				
			141.30	0.00	1090.09	10363.98
473+50	83.97	0				
			161.27	0.00	1251.36	10363.98
474+00	90.2	0				
			167.78	0.00	1419.14	10363.98
474+50	91	0				
			168.60	0.00	1587.74	10363.98
475+00	91.09	0				
			166.48	0.00	1754.22	10363.98
475+50	88.71	0				
			161.23	0.00	1915.45	10363.98
476+00	85.42	0				
			155.69	0.00	2071.14	10363.98
476+50	82.72	0				
			151.30	0.00	2222.44	10363.98
477+00	80.68	0				

			148.06	0.00	2370.49	10363.98
477+50	79.22	0				
			146.17	0.00	2516.66	10363.98
478+00	78.64	0				
			145.73	0.00	2662.39	10363.98
478+50	78.75	0				
			145.89	0.00	2808.28	10363.98
479+00	78.81	0				
			146.16	0.00	2954.44	10363.98
479+50	79.04	0				
			145.21	0.00	3099.65	10363.98
480+00	77.79	0				
			138.88	0.00	3238.53	10363.98
480+50	72.2	0				
			124.89	0.00	3363.42	10363.98
481+00	62.68	0				
			107.81	0.00	3471.22	10363.98
481+50	53.75	0				
			93.94	0.00	3565.16	10363.98
482+00	47.7	0				
			84.87	0.00	3650.03	10363.98
482+50	43.96	0				
			81.08	0.00	3731.11	10363.98
483+00	43.61	0				
			80.50	0.00	3811.61	10363.98
483+50	43.33	0				
			78.57	0.00	3890.19	10363.98
484+00	41.53	0				
			75.48	0.00	3965.67	10363.98
484+50	39.99	0				
			71.13	0.00	4036.80	10363.98
485+00	36.83	0				
			64.52	0.00	4101.31	10363.98
485+50	32.85	0				
			56.46	0.00	4157.78	10363.98
486+00	28.13	0				
			46.32	0.00	4204.10	10363.98
486+50	21.9	0				
			34.56	0.00	4238.66	10363.98
487+00	15.42	0				
			23.39	0.00	4262.05	10363.98
487+50	9.84	0				
			13.72	0.00	4275.77	10363.98
488+00	4.98	0				
			4.61	1.06	4280.38	10365.05
488+50	0	1.15				
			0.00	6.56	4280.38	10371.61
489+00	0	5.94				
			0.00	0.00	0.00	0.00
498+50	587.39	0				

			1129.94	0.00	1129.94	0.00
499+00	632.94	0				
			1216.05	0.00	2345.98	0.00
499+50	680.39	0				
			1300.55	0.00	3646.53	0.00
500+00	724.2	0				
			1379.56	0.00	5026.08	0.00
500+50	765.72	0				
			1454.46	0.00	6480.55	0.00
501+00	805.1	0				
			1527.23	0.00	8007.78	0.00
501+50	844.31	0				
			1599.78	0.00	9607.56	0.00
502+00	883.45	0				
			1671.33	0.00	11278.89	0.00
502+50	921.59	0				
			1744.24	0.00	13023.13	0.00
503+00	962.19	0				
			1823.02	0.00	14846.15	0.00
503+50	1006.67	0				
			1912.86	0.00	16759.01	0.00
504+00	1059.22	0				
			2020.57	0.00	18779.58	0.00
504+50	1123	0				
			2144.89	0.00	20924.47	0.00
505+00	1193.48	0				
			2279.21	0.00	23203.69	0.00
505+50	1268.07	0				
			2417.29	0.00	25620.97	0.00
506+00	1342.6	0				
			2559.30	0.00	28180.27	0.00
506+50	1421.44	0				
			2706.60	0.00	30886.87	0.00
507+00	1501.69	0				
			2855.52	0.00	33742.39	0.00
507+50	1582.27	0				
			3003.90	0.00	36746.29	0.00
508+00	1661.94	0				
			3147.31	0.00	39893.60	0.00
508+50	1737.16	0				
			3279.23	0.00	43172.83	0.00
509+00	1804.41	0				
			3397.89	0.00	46570.72	0.00
509+50	1865.31	0				
			3506.84	0.00	50077.56	0.00
510+00	1922.08	0				
			3600.86	0.00	53678.43	0.00
510+50	1966.85	0				
			3667.88	0.00	57346.31	0.00
511+00	1994.46	0				
			3711.22	0.00	61057.53	0.00
511+50	2013.66	0				

			3740.10	0.00	64797.63	0.00
512+00	2025.65	0				
			3756.87	0.00	68554.50	0.00
512+50	2031.77	0				
			3759.39	0.00	72313.89	0.00
513+00	2028.37	0				
			3748.03	0.00	76061.92	0.00
513+50	2019.5	0				
			3723.77	0.00	79785.69	0.00
514+00	2002.17	0				
			3683.51	0.00	83469.19	0.00
514+50	1976.02	0				
			3632.89	0.00	87102.08	0.00
515+00	1947.5	0				
			3575.13	0.00	90677.21	0.00
515+50	1913.64	0				
			3481.81	0.00	94159.02	0.00
516+00	1846.71	0				
			3356.07	0.00	97515.09	0.00
516+50	1777.85	0				
			3224.49	0.00	100739.58	0.00
517+00	1704.6	0				
			3087.74	0.00	103827.32	0.00
517+50	1630.16	0				
			2941.02	0.00	106768.34	0.00
518+00	1546.14	0				
			2775.31	0.00	109543.65	0.00
518+50	1451.19	0				
			2598.34	0.00	112141.99	0.00
519+00	1355.02	0				
			2420.99	0.00	114562.98	0.00
519+50	1259.65	0				
			2241.70	0.00	116804.69	0.00
520+00	1161.39	0				
			2063.31	0.00	118868.00	0.00
520+50	1066.99	0				
			1897.03	0.00	120765.03	0.00
521+00	981.8	0				
			1747.50	0.00	122512.53	0.00
521+50	905.5	0				
			1613.19	0.00	124125.71	0.00
522+00	836.74	0				
			1489.63	0.00	125615.34	0.00
522+50	772.06	0				
			1374.45	0.00	126989.80	0.00
523+00	712.35	0				
			1244.75	0.00	128234.55	0.00
523+50	631.98	0				
			1091.97	0.00	129326.52	0.00
524+00	547.35	0				
					133606.90	116354.20

Alternative 2 Earthwork

ALT 2 - EARTHWORK						
	CUTA	FILLA	CUTV	FILLV	CUMCUTV	CUMFILLV
0+00	0.00	0.00				
			20.79	0.00	20.79	0.00
0+50	22.45	0.00				
			54.96	0.00	75.75	0.00
1+00	36.91	0.00				
			83.83	0.00	159.58	0.00
1+50	53.63	0.00				
			120.68	0.00	280.26	0.00
2+00	76.70	0.00				
			164.73	0.00	444.99	0.00
2+50	101.21	0.00				
			206.64	0.00	651.63	0.00
3+00	121.96	0.00				
			239.29	0.00	890.92	0.00
3+50	136.47	0.00				
			257.86	0.00	1148.78	0.00
4+00	142.02	0.00				
			266.12	0.00	1414.90	0.00
4+50	145.39	0.00				
			262.72	0.00	1677.62	0.00
5+00	138.35	0.00				
			217.38	0.00	1895.00	0.00
5+50	96.42	0.00				
			144.44	0.00	2039.44	0.00
6+00	59.58	0.00				
			99.72	0.00	2139.17	0.00
6+50	48.12	0.00				
			81.74	0.00	2220.91	0.00
7+00	40.16	0.00				
			68.76	0.00	2289.67	0.00
7+50	34.10	0.00				
			60.75	0.00	2350.42	0.00
8+00	31.51	0.00				
			67.56	0.00	2417.97	0.00
8+50	41.45	0.00				
			76.79	0.00	2494.76	0.00
9+00	41.48	0.00				
			69.07	0.00	2563.83	0.00
9+50	33.12	0.00				
			50.90	0.00	2614.73	0.00
10+00	21.85	0.00				
			23.55	7.39	2638.28	7.39
10+50	3.58	7.98				
			3.31	46.46	2641.59	53.85
11+00	0.00	42.20				
			0.00	98.21	2641.59	152.06
11+50	0.00	63.87				
			0.00	125.61	2641.59	277.68

12+00	0.00	71.79				
			0.00	161.73	2641.59	439.41
12+50	0.00	102.88				
			0.00	214.81	2641.59	654.21
13+00	0.00	129.11				
			0.00	229.64	2641.59	883.85
13+50	0.00	118.90				
			0.00	206.76	2641.59	1090.61
14+00	0.00	104.40				
			0.00	182.20	2641.59	1272.81
14+50	0.00	92.38				
			0.00	139.18	2641.59	1411.99
15+00	0.00	57.93				
			0.00	87.23	2641.59	1499.22
15+50	0.00	36.28				
			0.00	59.01	2641.59	1558.23
16+00	0.00	27.45				
			0.00	42.29	2641.59	1600.52
16+50	0.00	18.22				
			0.00	28.88	2641.59	1629.40
17+00	0.00	12.97				
			0.21	18.06	2641.81	1647.45
17+50	0.23	6.53				
			9.48	6.05	2651.29	1653.50
18+00	10.01	0.00				
			45.39	0.00	2696.68	1653.50
18+50	39.01	0.00				
			88.03	0.00	2784.70	1653.50
19+00	56.06	0.00				
			101.49	0.00	2886.19	1653.50
19+50	53.55	0.00				
			71.67	0.06	2957.86	1653.56
20+00	23.85	0.07				
			23.57	12.13	2981.44	1665.69
20+50	1.61	13.03				
			1.49	44.82	2982.93	1710.52
21+00	0.00	35.38				
			0.00	88.17	2982.93	1798.69
21+50	0.00	59.84				
			0.00	155.84	2982.93	1954.53
22+00	0.00	108.47				
			0.00	260.81	2982.93	2215.33
22+50	0.00	173.20				
			0.00	375.48	2982.93	2590.81
23+00	0.00	232.32				
			0.00	524.01	2982.93	3114.82
23+50	0.00	333.61				
			0.00	746.89	2982.93	3861.71
24+00	0.00	473.03				
			0.00	997.35	2982.93	4859.06
24+50	0.00	604.11				
			0.00	1185.80	2982.93	6044.86

25+00	0.00	676.55				
			0.00	1309.38	2982.93	7354.24
25+50	0.00	737.58				
			0.00	1417.64	2982.93	8771.88
26+00	0.00	793.47				
			0.00	1499.10	2982.93	10270.98
26+50	0.00	825.56				
			0.00	1547.46	2982.93	11818.44
27+00	0.00	845.70				
			0.00	1604.42	2982.93	13422.86
27+50	0.00	887.07				
			0.00	1706.80	2982.93	15129.66
28+00	0.00	956.27				
			0.00	1825.94	2982.93	16955.60
28+50	0.00	1015.75				
			0.00	1901.01	2982.93	18856.61
29+00	0.00	1037.34				
			0.00	1903.33	2982.93	20759.94
29+50	0.00	1018.26				
			0.00	1874.87	2982.93	22634.81
30+00	0.00	1006.60				
			0.00	1866.72	2982.93	24501.54
30+50	0.00	1009.46				
			0.00	1876.39	2982.93	26377.93
31+00	0.00	1017.04				
			0.00	1902.69	2982.93	28280.62
31+50	0.00	1037.87				
			0.00	1968.94	2982.93	30249.56
32+00	0.00	1088.58				
			0.00	2108.88	2982.93	32358.44
32+50	0.00	1189.01				
			0.00	2458.31	2982.93	34816.74
33+00	0.00	1465.96				
			0.00	3026.96	2982.93	37843.70
33+50	0.00	1803.16				
			0.00	3708.70	2982.93	41552.41
34+00	0.00	2202.24				
			0.00	4486.81	2982.93	46039.22
34+50	0.00	2643.52				
			0.00	5291.88	2982.93	51331.10
35+00	0.00	3071.71				
			0.00	6066.56	2982.93	57397.67
35+50	0.00	3480.18				
			0.00	6597.02	2982.93	63994.69
36+00	0.00	3644.60				
			0.00	6883.41	2982.93	70878.09
36+50	0.00	3789.48				
			0.00	7172.62	2982.93	78050.71
37+00	0.00	3956.95				
			0.00	7477.24	2982.93	85527.95
37+50	0.00	4118.47				
			0.00	7694.75	2982.93	93222.70

38+00	0.00	4191.86				
			0.00	7835.31	2982.93	101058.02
38+50	0.00	4270.28				
			0.00	8016.29	2982.93	109074.31
39+00	0.00	4387.31				
			0.00	8229.96	2982.93	117304.27
39+50	0.00	4501.05				
			0.00	8409.12	2982.93	125713.39
40+00	0.00	4580.80				
			0.00	8527.23	2982.93	134240.62
40+50	0.00	4628.61				
			0.00	8555.44	2982.93	142796.06
41+00	0.00	4611.26				
			0.00	8505.06	2982.93	151301.12
41+50	0.00	4574.21				
			0.00	8351.22	2982.93	159652.34
42+00	0.00	4445.11				
			0.00	8118.90	2982.93	167771.24
42+50	0.00	4323.30				
			0.00	7937.60	2982.93	175708.84
43+00	0.00	4249.31				
			0.00	7794.77	2982.93	183503.61
43+50	0.00	4169.04				
			0.00	7538.72	2982.93	191042.33
44+00	0.00	3972.78				
			0.00	7077.87	2982.93	198120.20
44+50	0.00	3671.32				
			0.00	6182.69	2982.93	204302.89
45+00	0.00	3005.98				
			0.00	4964.82	2982.93	209267.71
45+50	0.00	2356.03				
			0.00	3828.62	2982.93	213096.33
46+00	0.00	1778.88				
			0.00	2807.56	2982.93	215903.90
46+50	0.00	1253.29				
			0.00	1974.39	2982.93	217878.29
47+00	0.00	879.05				
			0.00	1351.19	2982.93	219229.47
47+50	0.00	580.23				
			0.00	907.28	2982.93	220136.75
48+00	0.00	399.63				
			0.00	612.81	2982.93	220749.56
48+50	0.00	262.21				
			0.00	426.83	2982.93	221176.40
49+00	0.00	198.77				
			0.00	321.94	2982.93	221498.34
49+50	0.00	148.93				
			0.00	243.28	2982.93	221741.62
50+00	0.00	113.81				
			0.00	183.48	2982.93	221925.10
50+50	0.00	84.35				
			0.00	125.21	2982.93	222050.31

51+00	0.00	50.88				
			0.00	66.27	2982.93	222116.58
51+50	0.00	20.69				
			0.49	20.03	2983.42	222136.61
52+00	0.53	0.94				
			11.89	0.87	2995.31	222137.48
52+50	12.31	0.00				
			13.53	0.35	3008.83	222137.83
53+00	2.30	0.38				
			2.13	11.82	3010.96	222149.66
53+50	0.00	12.39				
			0.00	30.83	3010.96	222180.49
54+00	0.00	20.91				
			0.00	47.58	3010.96	222228.07
54+50	0.00	30.48				
			0.00	63.20	3010.96	222291.28
55+00	0.00	37.78				
			0.00	75.18	3010.96	222366.45
55+50	0.00	43.41				
			0.00	76.66	3010.96	222443.11
56+00	0.00	39.38				
			0.00	68.44	3010.96	222511.56
56+50	0.00	34.54				
			0.00	69.81	3010.96	222581.37
57+00	0.00	40.86				
			0.00	86.57	3010.96	222667.94
57+50	0.00	52.64				
			0.00	107.45	3010.96	222775.40
58+00	0.00	63.41				
			0.00	122.07	3010.96	222897.47
58+50	0.00	68.43				
			0.00	128.16	3010.96	223025.63
59+00	0.00	69.98				
			0.00	125.12	3010.96	223150.75
59+50	0.00	65.15				
			0.00	112.02	3010.96	223262.77
60+00	0.00	55.83				
			0.00	94.25	3010.96	223357.02
60+50	0.00	45.96				
			0.00	76.29	3010.96	223433.31
61+00	0.00	36.43				
			0.00	58.83	3010.96	223492.14
61+50	0.00	27.11				
			0.00	40.97	3010.96	223533.11
62+00	0.00	17.14				
			0.63	22.80	3011.59	223555.91
62+50	0.68	7.48				
			13.28	6.93	3024.87	223562.83
63+00	13.66	0.00				
			47.92	0.00	3072.79	223562.83
63+50	38.09	0.00				
			95.74	0.00	3168.53	223562.83

64+00	65.31	0.00				
			151.29	0.00	3319.81	223562.83
64+50	98.08	0.00				
			248.72	0.00	3568.54	223562.83
65+00	170.54	0.00				
			400.98	0.00	3969.52	223562.83
65+50	262.52	0.00				
			538.77	0.00	4508.29	223562.83
66+00	319.35	0.00				
			635.33	0.00	5143.62	223562.83
66+50	366.81	0.00				
			691.82	0.00	5835.44	223562.83
67+00	380.36	0.00				
			708.80	0.00	6544.24	223562.83
67+50	385.14	0.00				
			710.04	0.00	7254.28	223562.83
68+00	381.70	0.00				
			709.98	0.00	7964.26	223562.83
68+50	385.08	0.00				
			740.40	0.00	8704.66	223562.83
69+00	414.55	0.00				
			798.23	0.00	9502.89	223562.83
69+50	447.54	0.00				
			861.37	0.00	10364.26	223562.83
70+00	482.74	0.00				
			969.51	0.00	11333.77	223562.83
70+50	564.33	0.00				
			1062.45	0.00	12396.22	223562.83
71+00	583.12	0.00				
			1094.71	0.00	13490.94	223562.83
71+50	599.17	0.00				
			1138.26	0.00	14629.19	223562.83
72+00	630.15	0.00				
			1193.44	0.00	15822.63	223562.83
72+50	658.76	0.00				
			1245.83	0.00	17068.46	223562.83
73+00	686.74	0.00				
			1301.67	0.00	18370.13	223562.83
73+50	719.06	0.00				
			1357.67	0.00	19727.80	223562.83
74+00	747.22	0.00				
			1398.64	0.00	21126.44	223562.83
74+50	763.31	0.00				
			1421.49	0.00	22547.93	223562.83
75+00	771.90	0.00				
			1451.79	0.00	23999.71	223562.83
75+50	796.03	0.00				
			1503.81	0.00	25503.52	223562.83
76+00	828.08	0.00				
			1559.81	0.00	27063.33	223562.83
76+50	856.52	0.00				
			1599.16	0.00	28662.49	223562.83

77+00	870.57	0.00				
			1605.77	0.00	30268.26	223562.83
77+50	863.66	0.00				
			1560.60	0.00	31828.86	223562.83
78+00	821.79	0.00				
			1445.47	0.00	33274.33	223562.83
78+50	739.32	0.00				
			1280.22	0.00	34554.56	223562.83
79+00	643.32	0.00				
			1158.35	0.00	35712.91	223562.83
79+50	607.70	0.00				
			1103.72	0.00	36816.63	223562.83
80+00	584.32	0.00				
			1041.31	0.00	37857.94	223562.83
80+50	540.30	0.00				
			969.19	0.00	38827.13	223562.83
81+00	506.42	0.00				
			907.45	0.00	39734.58	223562.83
81+50	473.63	0.00				
			835.49	0.00	40570.07	223562.83
82+00	428.70	0.00				
			731.99	0.00	41302.06	223562.83
82+50	361.85	0.00				
			577.26	0.00	41879.32	223562.83
83+00	261.59	0.00				
			403.62	0.00	42282.94	223562.83
83+50	174.32	0.00				
			315.09	0.00	42598.04	223562.83
84+00	165.98	0.00				
			352.43	0.00	42950.46	223562.83
84+50	214.64	0.00				
			452.06	0.00	43402.53	223562.83
85+00	273.59	0.00				
			555.35	0.00	43957.88	223562.83
85+50	326.19	0.00				
			644.60	0.00	44602.48	223562.83
86+00	369.98	0.00				
			718.38	0.00	45320.86	223562.83
86+50	405.87	0.00				
			776.31	0.00	46097.17	223562.83
87+00	432.54	0.00				
			818.42	0.00	46915.58	223562.83
87+50	451.35	0.00				
			842.91	0.00	47758.49	223562.83
88+00	458.99	0.00				
			851.14	0.00	48609.63	223562.83
88+50	460.24	0.00				
			849.89	0.00	49459.52	223562.83
89+00	457.64	0.00				
			841.78	0.00	50301.30	223562.83
89+50	451.48	0.00				
			828.37	0.00	51129.67	223562.83

90+00	443.16	0.00				
			812.53	0.00	51942.19	223562.83
90+50	434.37	0.00				
			795.40	0.00	52737.59	223562.83
91+00	424.66	0.00				
			777.26	0.00	53514.85	223562.83
91+50	414.78	0.00				
			757.68	0.00	54272.53	223562.83
92+00	403.51	0.00				
			737.13	0.00	55009.66	223562.83
92+50	392.59	0.00				
			718.45	0.00	55728.11	223562.83
93+00	383.34	0.00				
			702.41	0.00	56430.52	223562.83
93+50	375.26	0.00				
			689.15	0.00	57119.67	223562.83
94+00	369.02	0.00				
			679.20	0.00	57798.87	223562.83
94+50	364.52	0.00				
			672.27	0.00	58471.14	223562.83
95+00	361.53	0.00				
			667.00	0.00	59138.14	223562.83
95+50	358.83	0.00				
			660.47	0.00	59798.61	223562.83
96+00	354.48	0.00				
			651.63	0.00	60450.24	223562.83
96+50	349.28	0.00				
			640.25	0.00	61090.49	223562.83
97+00	342.19	0.00				
			625.63	0.00	61716.12	223562.83
97+50	333.49	0.00				
			607.78	0.00	62323.90	223562.83
98+00	322.91	0.00				
			584.93	0.00	62908.82	223562.83
98+50	308.81	0.00				
			556.55	0.00	63465.37	223562.83
99+00	292.26	0.00				
			525.49	0.00	63990.86	223562.83
99+50	275.27	0.00				
			492.30	0.00	64483.16	223562.83
100+00	256.41	0.00				
			456.68	0.00	64939.83	223562.83
100+50	236.80	0.00				
			421.23	0.00	65361.06	223562.83
101+00	218.13	0.00				
			388.19	0.00	65749.25	223562.83
101+50	201.11	0.00				
			354.86	0.00	66104.11	223562.83
102+00	182.14	0.00				
			318.94	0.00	66423.05	223562.83
102+50	162.31	0.00				
			280.07	0.00	66703.12	223562.83

103+00	140.17	0.00				
			236.18	0.00	66939.30	223562.83
103+50	114.90	0.00				
			187.65	0.00	67126.94	223562.83
104+00	87.76	0.00				
			136.18	0.00	67263.12	223562.83
104+50	59.31	0.00				
			82.75	0.00	67345.87	223562.83
105+00	30.06	0.00				
			34.06	0.00	67379.93	223562.83
105+50	6.72	0.00				
			6.22	14.77	67386.15	223577.60
106+00	0.00	15.95				
			0.00	53.37	67386.15	223630.97
106+50	0.00	41.69				
			0.00	102.77	67386.15	223733.74
107+00	0.00	69.30				
			0.00	154.93	67386.15	223888.67
107+50	0.00	98.02				
			0.00	215.01	67386.15	224103.68
108+00	0.00	134.19				
			0.00	274.10	67386.15	224377.78
108+50	0.00	161.84				
			0.00	275.79	67386.15	224653.56
109+00	0.00	136.01				
			0.00	207.80	67386.15	224861.36
109+50	0.00	88.41				
			0.00	131.38	67386.15	224992.74
110+00	0.00	53.48				
			0.00	70.38	67386.15	225063.12
110+50	0.00	22.53				
			2.30	21.93	67388.44	225085.05
111+00	2.48	1.15				
			21.77	1.06	67410.21	225086.11
111+50	21.03	0.00				
			54.78	0.00	67464.99	225086.11
112+00	38.13	0.00				
			81.56	0.00	67546.56	225086.11
112+50	49.96	0.00				
			102.30	0.00	67648.85	225086.11
113+00	60.52	0.00				
			121.35	0.00	67770.20	225086.11
113+50	70.54	0.00				
			138.31	0.00	67908.52	225086.11
114+00	78.84	0.00				
			151.47	0.00	68059.99	225086.11
114+50	84.75	0.00				
			160.25	0.00	68220.24	225086.11
115+00	88.32	0.00				
			165.24	0.00	68385.48	225086.11
115+50	90.14	0.00				
			166.63	0.00	68552.11	225086.11

116+00	89.82	0.00				
			164.31	0.00	68716.43	225086.11
116+50	87.64	0.00				
			158.76	0.00	68875.19	225086.11
117+00	83.82	0.00				
			151.71	0.00	69026.90	225086.11
117+50	80.03	0.00				
			144.99	0.00	69171.89	225086.11
118+00	76.56	0.00				
			138.17	0.00	69310.06	225086.11
118+50	72.66	0.00				
			130.40	0.00	69440.45	225086.11
119+00	68.17	0.00				
			119.95	0.00	69560.41	225086.11
119+50	61.38	0.00				
			106.56	0.00	69666.97	225086.11
120+00	53.71	0.00				
			93.63	0.00	69760.60	225086.11
120+50	47.41	0.00				
			84.63	0.00	69845.23	225086.11
121+00	43.99	0.00				
			80.82	0.00	69926.06	225086.11
121+50	43.30	0.00				
			77.21	0.00	70003.27	225086.11
122+00	40.09	0.00				
			61.34	0.00	70064.61	225086.11
122+50	26.16	0.00				
			24.22	20.82	70088.83	225106.94
123+00	0.00	22.49				
			0.00	166.48	70088.83	225273.42
123+50	0.00	157.31				
			0.00	445.60	70088.83	225719.02
124+00	0.00	323.94				
			0.00	715.03	70088.83	226434.05
124+50	0.00	448.29				
			0.00	904.55	70088.83	227338.59
125+00	0.00	528.62				
			0.00	1039.35	70088.83	228377.94
125+50	0.00	593.88				
			0.00	1170.63	70088.83	229548.57
126+00	0.00	670.40				
			0.00	1338.37	70088.83	230886.94
126+50	0.00	775.04				
			0.00	1550.06	70088.83	232437.00
127+00	0.00	899.02				
			0.00	1791.37	70088.83	234228.37
127+50	0.00	1035.66				
			0.00	2051.92	70088.83	236280.29
128+00	0.00	1180.41				
			0.00	2247.40	70088.83	238527.69
128+50	0.00	1246.78				
			0.00	2273.11	70088.83	240800.80

129+00	0.00	1208.18				
			0.00	2153.17	70088.83	242953.96
129+50	0.00	1117.24				
			0.00	1990.60	70088.83	244944.56
130+00	0.00	1032.61				
			0.00	1843.27	70088.83	246787.83
130+50	0.00	958.12				
			0.00	1708.91	70088.83	248496.74
131+00	0.00	887.50				
			0.00	1578.76	70088.83	250075.50
131+50	0.00	817.56				
			0.00	1456.25	70088.83	251531.75
132+00	0.00	755.19				
			0.00	1338.32	70088.83	252870.07
132+50	0.00	690.20				
			0.00	1213.77	70088.83	254083.84
133+00	0.00	620.67				
			0.00	1086.43	70088.83	255170.27
133+50	0.00	552.67				
			0.00	966.46	70088.83	256136.73
134+00	0.00	491.11				
			0.00	857.70	70088.83	256994.44
134+50	0.00	435.21				
			0.00	768.50	70088.83	257762.94
135+00	0.00	394.77				
			0.00	695.97	70088.83	258458.91
135+50	0.00	356.88				
			0.00	628.97	70088.83	259087.88
136+00	0.00	322.41				
			0.00	571.30	70088.83	259659.18
136+50	0.00	294.59				
			0.00	524.83	70088.83	260184.01
137+00	0.00	272.23				
			0.00	482.50	70088.83	260666.51
137+50	0.00	248.87				
			0.00	436.56	70088.83	261103.06
138+00	0.00	222.61				
			0.00	384.60	70088.83	261487.67
138+50	0.00	192.76				
			0.00	331.19	70088.83	261818.85
139+00	0.00	164.92				
			0.00	282.31	70088.83	262101.17
139+50	0.00	139.98				
			0.00	238.27	70088.83	262339.44
140+00	0.00	117.35				
			0.00	199.06	70088.83	262538.50
140+50	0.00	97.64				
			0.00	164.66	70088.83	262703.16
141+00	0.00	80.19				
			0.00	133.71	70088.83	262836.87
141+50	0.00	64.22				
			0.00	106.40	70088.83	262943.27

142+00	0.00	50.69				
			0.00	82.20	70088.83	263025.47
142+50	0.00	38.09				
			0.00	61.19	70088.83	263086.66
143+00	0.00	27.99				
			0.00	43.63	70088.83	263130.29
143+50	0.00	19.13				
			0.00	28.18	70088.83	263158.46
144+00	0.00	11.30				
			0.00	13.84	70088.83	263172.31
144+50	0.00	3.65				
			3.34	3.38	70092.18	263175.69
145+00	3.61	0.00				
			13.63	0.00	70105.81	263175.69
145+50	11.11	0.00				
			27.14	0.00	70132.94	263175.69
146+00	18.20	0.00				
			39.37	0.00	70172.31	263175.69
146+50	24.32	0.00				
			51.29	0.00	70223.60	263175.69
147+00	31.07	0.00				
			63.81	0.00	70287.41	263175.69
147+50	37.84	0.00				
			77.00	0.00	70364.41	263175.69
148+00	45.32	0.00				
			90.85	0.00	70455.26	263175.69
148+50	52.80	0.00				
			104.42	0.00	70559.68	263175.69
149+00	59.97	0.00				
			117.70	0.00	70677.38	263175.69
149+50	67.15	0.00				
			129.99	0.00	70807.37	263175.69
150+00	73.24	0.00				
			140.25	0.00	70947.62	263175.69
150+50	78.23	0.00				
			150.01	0.00	71097.63	263175.69
151+00	83.78	0.00				
			159.28	0.00	71256.91	263175.69
151+50	88.24	0.00				
			166.82	0.00	71423.73	263175.69
152+00	91.93	0.00				
			173.35	0.00	71597.08	263175.69
152+50	95.29	0.00				
			178.64	0.00	71775.72	263175.69
153+00	97.64	0.00				
			183.02	0.00	71958.74	263175.69
153+50	100.02	0.00				
			187.88	0.00	72146.62	263175.69
154+00	102.89	0.00				
			193.38	0.00	72340.00	263175.69
154+50	105.96	0.00				
			198.73	0.00	72538.73	263175.69

155+00	108.67	0.00				
			203.82	0.00	72742.56	263175.69
155+50	111.46	0.00				
			208.93	0.00	72951.48	263175.69
156+00	114.18	0.00				
			214.44	0.00	73165.93	263175.69
156+50	117.42	0.00				
			219.60	0.00	73385.53	263175.69
157+00	119.75	0.00				
			223.88	0.00	73609.41	263175.69
157+50	122.04	0.00				
			227.63	0.00	73837.04	263175.69
158+00	123.80	0.00				
			230.27	0.00	74067.31	263175.69
158+50	124.89	0.00				
			231.55	0.00	74298.85	263175.69
159+00	125.18	0.00				
			232.19	0.00	74531.05	263175.69
159+50	125.59	0.00				
			232.82	0.00	74763.87	263175.69
160+00	125.86	0.00				
			234.76	0.00	74998.63	263175.69
160+50	127.68	0.00				
			237.70	0.00	75236.33	263175.69
161+00	129.04	0.00				
			240.13	0.00	75476.46	263175.69
161+50	130.30	0.00				
			241.65	0.00	75718.11	263175.69
162+00	130.68	0.00				
			242.62	0.00	75960.73	263175.69
162+50	131.35	0.00				
			243.58	0.00	76204.31	263175.69
163+00	131.72	0.00				
			242.90	0.00	76447.21	263175.69
163+50	130.61	0.00				
			239.65	0.00	76686.86	263175.69
164+00	128.21	0.00				
			234.84	0.00	76921.70	263175.69
164+50	125.42	0.00				
			229.67	0.00	77151.37	263175.69
165+00	122.62	0.00				
			223.22	0.00	77374.59	263175.69
165+50	118.46	0.00				
			215.30	0.00	77589.89	263175.69
166+00	114.06	0.00				
			207.76	0.00	77797.65	263175.69
166+50	110.32	0.00				
			199.99	0.00	77997.64	263175.69
167+00	105.67	0.00				
			190.48	0.00	78188.12	263175.69
167+50	100.05	0.00				
			179.15	0.00	78367.27	263175.69

168+00	93.43	0.00				
			165.92	0.00	78533.19	263175.69
168+50	85.76	0.00				
			151.29	0.00	78684.47	263175.69
169+00	77.63	0.00				
			135.62	0.00	78820.09	263175.69
169+50	68.84	0.00				
			118.62	0.00	78938.71	263175.69
170+00	59.27	0.00				
			99.69	0.00	79038.40	263175.69
170+50	48.39	0.00				
			79.20	0.00	79117.60	263175.69
171+00	37.15	0.00				
			57.95	0.00	79175.56	263175.69
171+50	25.44	0.00				
			47.13	0.00	79222.69	263175.69
172+00	25.46	0.00				
			23.57	8.23	79246.26	263183.92
172+50	0.00	8.89				
			0.00	166.87	79246.26	263350.79
173+00	0.00	171.33				
			0.00	598.86	79246.26	263949.65
173+50	0.00	475.44				
			0.00	1049.77	79246.26	264999.42
174+00	0.00	658.31				
			0.00	1240.00	79246.26	266239.42
174+50	0.00	680.89				
			0.00	1225.21	79246.26	267464.63
175+00	0.00	642.34				
			0.00	1151.08	79246.26	268615.71
175+50	0.00	600.83				
			0.00	1087.27	79246.26	269702.98
176+00	0.00	573.42				
			0.00	1035.45	79246.26	270738.44
176+50	0.00	544.87				
			0.00	968.07	79246.26	271706.51
177+00	0.00	500.65				
			0.00	880.38	79246.26	272586.89
177+50	0.00	450.16				
			0.00	786.83	79246.26	273373.72
178+00	0.00	399.62				
			0.00	695.56	79246.26	274069.29
178+50	0.00	351.59				
			0.00	611.94	79246.26	274681.23
179+00	0.00	309.31				
			0.00	529.31	79246.26	275210.54
179+50	0.00	262.34				
			0.00	440.95	79246.26	275651.49
180+00	0.00	213.89				
			0.00	357.81	79246.26	276009.31
180+50	0.00	172.55				
			0.00	287.84	79246.26	276297.15

181+00	0.00	138.32				
			0.00	229.71	79246.26	276526.86
181+50	0.00	109.77				
			0.00	183.33	79246.26	276710.19
182+00	0.00	88.23				
			0.00	157.82	79246.26	276868.02
182+50	0.00	82.22				
			0.00	148.32	79246.26	277016.34
183+00	0.00	77.97				
			0.00	141.09	79246.26	277157.44
183+50	0.00	74.41				
			0.00	135.56	79246.26	277293.00
184+00	0.00	72.00				
			0.00	131.22	79246.26	277424.22
184+50	0.00	69.72				
			0.00	126.98	79246.26	277551.20
185+00	0.00	67.42				
			0.00	122.69	79246.26	277673.90
185+50	0.00	65.09				
			0.00	117.79	79246.26	277791.69
186+00	0.00	62.12				
			0.00	112.85	79246.26	277904.54
186+50	0.00	59.76				
			0.00	108.11	79246.26	278012.65
187+00	0.00	57.00				
			0.00	103.20	79246.26	278115.85
187+50	0.00	54.46				
			0.00	99.69	79246.26	278215.54
188+00	0.00	53.20				
			0.00	98.60	79246.26	278314.14
188+50	0.00	53.29				
			0.00	98.89	79246.26	278413.03
189+00	0.00	53.51				
			0.00	100.55	79246.26	278513.57
189+50	0.00	55.08				
			0.00	103.38	79246.26	278616.95
190+00	0.00	56.57				
			0.00	105.71	79246.26	278722.67
190+50	0.00	57.60				
			0.00	107.59	79246.26	278830.26
191+00	0.00	58.60				
			0.00	109.46	79246.26	278939.72
191+50	0.00	59.62				
			0.00	111.30	79246.26	279051.02
192+00	0.00	60.58				
			0.00	113.10	79246.26	279164.12
192+50	0.00	61.57				
			0.00	114.49	79246.26	279278.61
193+00	0.00	62.08				
			0.00	115.35	79246.26	279393.96
193+50	0.00	62.50				
			0.00	116.74	79246.26	279510.70

194+00	0.00	63.58				
			0.00	118.95	79246.26	279629.66
194+50	0.00	64.89				
			0.00	121.04	79246.26	279750.69
195+00	0.00	65.83				
			0.00	123.70	79246.26	279874.40
195+50	0.00	67.77				
			0.00	129.11	79246.26	280003.51
196+00	0.00	71.67				
			0.00	137.82	79246.26	280141.33
196+50	0.00	77.18				
			0.00	148.02	79246.26	280289.35
197+00	0.00	82.68				
			0.00	160.81	79246.26	280450.17
197+50	0.00	91.00				
			0.00	180.48	79246.26	280630.65
198+00	0.00	103.92				
			0.00	205.96	79246.26	280836.61
198+50	0.00	118.52				
			0.00	235.18	79246.26	281071.79
199+00	0.00	135.47				
			0.00	271.05	79246.26	281342.83
199+50	0.00	157.26				
			0.00	316.15	79246.26	281658.98
200+00	0.00	184.18				
			0.00	371.80	79246.26	282030.78
200+50	0.00	217.36				
			0.00	437.75	79246.26	282468.53
201+00	0.00	255.41				
			0.00	519.41	79246.26	282987.94
201+50	0.00	305.55				
			0.00	590.77	79246.26	283578.70
202+00	0.00	332.48				
			0.00	630.65	79246.26	284209.35
202+50	0.00	348.62				
			0.00	651.83	79246.26	284861.19
203+00	0.00	355.36				
			0.00	650.06	79246.26	285511.24
203+50	0.00	346.70				
			0.00	624.26	79246.26	286135.50
204+00	0.00	327.50				
			0.00	576.56	79246.26	286712.06
204+50	0.00	295.18				
			0.00	516.30	79246.26	287228.35
205+00	0.00	262.42				
			0.00	458.47	79246.26	287686.82
205+50	0.00	232.73				
			0.00	406.19	79246.26	288093.01
206+00	0.00	205.95				
			0.00	362.19	79246.26	288455.19
206+50	0.00	185.21				
			0.00	330.18	79246.26	288785.37

207+00	0.00	171.38				
			0.00	309.08	79246.26	289094.45
207+50	0.00	162.43				
			0.00	295.02	79246.26	289389.47
208+00	0.00	156.19				
			0.00	287.15	79246.26	289676.62
208+50	0.00	153.93				
			0.00	284.79	79246.26	289961.41
209+00	0.00	153.64				
			0.00	284.84	79246.26	290246.25
209+50	0.00	153.99				
			0.00	284.58	79246.26	290530.83
210+00	0.00	153.36				
			0.00	282.92	79246.26	290813.75
210+50	0.00	152.19				
			0.00	280.49	79246.26	291094.24
211+00	0.00	150.74				
			0.00	278.47	79246.26	291372.71
211+50	0.00	150.01				
			0.00	278.01	79246.26	291650.72
212+00	0.00	150.24				
			0.00	278.18	79246.26	291928.90
212+50	0.00	150.19				
			0.00	278.66	79246.26	292207.56
213+00	0.00	150.76				
			0.00	280.31	79246.26	292487.86
213+50	0.00	151.97				
			0.00	282.63	79246.26	292770.49
214+00	0.00	153.27				
			0.00	285.47	79246.26	293055.96
214+50	0.00	155.04				
			0.00	288.96	79246.26	293344.93
215+00	0.00	157.04				
			0.00	292.48	79246.26	293637.41
215+50	0.00	158.84				
			0.00	296.27	79246.26	293933.68
216+00	0.00	161.13				
			0.00	300.78	79246.26	294234.45
216+50	0.00	163.71				
			0.00	306.66	79246.26	294541.11
217+00	0.00	167.48				
			0.00	314.02	79246.26	294855.13
217+50	0.00	171.66				
			0.00	321.48	79246.26	295176.61
218+00	0.00	175.54				
			0.00	327.45	79246.26	295504.06
218+50	0.00	178.11				
			0.00	331.60	79246.26	295835.67
219+00	0.00	180.02				
			0.00	334.78	79246.26	296170.44
219+50	0.00	181.54				
			0.00	338.03	79246.26	296508.47

220+00	0.00	183.53				
			0.00	341.90	79246.26	296850.37
220+50	0.00	185.72				
			0.00	346.05	79246.26	297196.42
221+00	0.00	188.01				
			0.00	350.55	79246.26	297546.96
221+50	0.00	190.58				
			0.00	355.12	79246.26	297902.08
222+00	0.00	192.95				
			0.00	359.96	79246.26	298262.05
222+50	0.00	195.81				
			0.00	365.22	79246.26	298627.27
223+00	0.00	198.63				
			0.00	370.00	79246.26	298997.27
223+50	0.00	200.97				
			0.00	375.12	79246.26	299372.39
224+00	0.00	204.16				
			0.00	380.71	79246.26	299753.10
224+50	0.00	207.01				
			0.00	386.86	79246.26	300139.96
225+00	0.00	210.80				
			0.00	393.96	79246.26	300533.93
225+50	0.00	214.68				
			0.00	400.58	79246.26	300934.51
226+00	0.00	217.95				
			0.00	406.83	79246.26	301341.34
226+50	0.00	221.43				
			0.00	412.37	79246.26	301753.71
227+00	0.00	223.93				
			0.00	417.09	79246.26	302170.81
227+50	0.00	226.53				
			0.00	421.32	79246.26	302592.13
228+00	0.00	228.50				
			0.00	425.56	79246.26	303017.69
228+50	0.00	231.11				
			0.00	432.20	79246.26	303449.90
229+00	0.00	235.67				
			0.00	441.93	79246.26	303891.82
229+50	0.00	241.61				
			0.00	453.33	79246.26	304345.16
230+00	0.00	247.99				
			0.00	466.59	79246.26	304811.75
230+50	0.00	255.93				
			0.00	481.45	79246.26	305293.20
231+00	0.00	264.04				
			0.00	493.96	79246.26	305787.17
231+50	0.00	269.44				
			0.00	499.50	79246.26	306286.67
232+00	0.00	270.02				
			0.00	495.68	79246.26	306782.34
232+50	0.00	265.31				
			0.00	485.57	79246.26	307267.92

233+00	0.00	259.11				
			0.00	474.61	79246.26	307742.53
233+50	0.00	253.47				
			0.00	464.55	79246.26	308207.07
234+00	0.00	248.24				
			0.00	453.88	79246.26	308660.95
234+50	0.00	241.95				
			0.00	438.06	79246.26	309099.01
235+00	0.00	231.15				
			0.00	417.69	79246.26	309516.70
235+50	0.00	219.96				
			0.00	396.23	79246.26	309912.94
236+00	0.00	207.97				
			0.00	372.98	79246.26	310285.92
236+50	0.00	194.85				
			0.00	355.00	79246.26	310640.92
237+00	0.00	188.55				
			0.00	342.90	79246.26	310983.81
237+50	0.00	181.78				
			0.00	326.79	79246.26	311310.60
238+00	0.00	171.15				
			0.00	305.01	79246.26	311615.61
238+50	0.00	158.26				
			0.00	280.29	79246.26	311895.90
239+00	0.00	144.45				
			0.00	254.31	79246.26	312150.20
239+50	0.00	130.20				
			0.00	228.38	79246.26	312378.58
240+00	0.00	116.45				
			0.00	205.59	79246.26	312584.18
240+50	0.00	105.59				
			0.00	187.80	79246.26	312771.97
241+00	0.00	97.23				
			0.00	174.33	79246.26	312946.31
241+50	0.00	91.05				
			0.00	164.98	79246.26	313111.29
242+00	0.00	87.13				
			0.00	157.70	79246.26	313268.99
242+50	0.00	83.19				
			0.00	151.90	79246.26	313420.89
243+00	0.00	80.86				
			0.00	149.46	79246.26	313570.35
243+50	0.00	80.56				
			0.00	149.95	79246.26	313720.31
244+00	0.00	81.39				
			0.00	153.25	79246.26	313873.56
244+50	0.00	84.12				
			0.00	159.10	79246.26	314032.66
245+00	0.00	87.71				
			0.00	166.66	79246.26	314199.31
245+50	0.00	92.28				
			0.00	177.28	79246.26	314376.59

246+00	0.00	99.18				
			0.00	191.34	79246.26	314567.94
246+50	0.00	107.47				
			0.00	206.23	79246.26	314774.17
247+00	0.00	115.26				
			0.00	220.56	79246.26	314994.73
247+50	0.00	122.95				
			0.00	234.67	79246.26	315229.40
248+00	0.00	130.49				
			0.00	247.80	79246.26	315477.19
248+50	0.00	137.13				
			0.00	260.31	79246.26	315737.51
249+00	0.00	144.01				
			0.00	273.46	79246.26	316010.97
249+50	0.00	151.33				
			0.00	287.37	79246.26	316298.34
250+00	0.00	159.03				
			0.00	300.77	79246.26	316599.11
250+50	0.00	165.80				
			0.00	312.53	79246.26	316911.64
251+00	0.00	171.73				
			0.00	321.31	79246.26	317232.95
251+50	0.00	175.29				
			0.00	329.57	79246.26	317562.53
252+00	0.00	180.65				
			0.00	336.70	79246.26	317899.23
252+50	0.00	182.99				
			0.00	340.09	79246.26	318239.32
253+00	0.00	184.31				
			0.00	341.25	79246.26	318580.57
253+50	0.00	184.24				
			0.00	340.61	79246.26	318921.19
254+00	0.00	183.62				
			0.00	340.82	79246.26	319262.01
254+50	0.00	184.47				
			0.00	344.27	79246.26	319606.28
255+00	0.00	187.34				
			0.00	352.43	79246.26	319958.70
255+50	0.00	193.28				
			0.00	364.09	79246.26	320322.80
256+00	0.00	199.94				
			0.00	373.18	79246.26	320695.97
256+50	0.00	203.09				
			0.00	376.32	79246.26	321072.30
257+00	0.00	203.34				
			0.00	374.01	79246.26	321446.31
257+50	0.00	200.59				
			0.00	367.19	79246.26	321813.50
258+00	0.00	195.98				
			0.00	361.01	79246.26	322174.51
258+50	0.00	193.91				
			0.00	356.45	79246.26	322530.96

259+00	0.00	191.06				
			0.00	349.23	79246.26	322880.19
259+50	0.00	186.11				
			0.00	338.82	79246.26	323219.02
260+00	0.00	179.82				
			0.00	324.83	79246.26	323543.85
260+50	0.00	171.00				
			0.00	306.96	79246.26	323850.81
261+00	0.00	160.52				
			0.00	286.85	79246.26	324137.67
261+50	0.00	149.28				
			0.00	270.87	79246.26	324408.54
262+00	0.00	143.26				
			0.00	264.78	79246.26	324673.31
262+50	0.00	142.70				
			0.00	264.56	79246.26	324937.88
263+00	0.00	143.03				
			0.00	268.53	79246.26	325206.41
263+50	0.00	146.98				
			0.00	270.33	79246.26	325476.74
264+00	0.00	144.98				
			0.00	262.69	79246.26	325739.43
264+50	0.00	138.72				
			0.00	249.50	79246.26	325988.93
265+00	0.00	130.74				
			0.00	233.47	79246.26	326222.40
265+50	0.00	121.41				
			0.00	216.55	79246.26	326438.94
266+00	0.00	112.46				
			0.00	199.43	79246.26	326638.37
266+50	0.00	102.92				
			0.00	182.25	79246.26	326820.62
267+00	0.00	93.91				
			0.00	167.05	79246.26	326987.67
267+50	0.00	86.50				
			0.00	153.92	79246.26	327141.58
268+00	0.00	79.73				
			0.00	142.19	79246.26	327283.78
268+50	0.00	73.84				
			0.00	131.28	79246.26	327415.06
269+00	0.00	67.94				
			0.00	121.69	79246.26	327536.74
269+50	0.00	63.48				
			0.00	114.24	79246.26	327650.98
270+00	0.00	59.90				
			0.00	108.02	79246.26	327759.00
270+50	0.00	56.76				
			0.00	102.71	79246.26	327861.71
271+00	0.00	54.17				
			0.00	97.69	79246.26	327959.40
271+50	0.00	51.33				
			0.00	93.26	79246.26	328052.66

272+00	0.00	49.39				
			0.00	89.16	79246.26	328141.81
272+50	0.00	46.90				
			0.00	84.50	79246.26	328226.31
273+00	0.00	44.36				
			0.00	79.87	79246.26	328306.19
273+50	0.00	41.90				
			0.00	75.30	79246.26	328381.48
274+00	0.00	39.42				
			0.00	71.27	79246.26	328452.75
274+50	0.00	37.55				
			0.00	67.79	79246.26	328520.54
275+00	0.00	35.66				
			0.00	64.24	79246.26	328584.78
275+50	0.00	33.72				
			0.00	60.67	79246.26	328645.44
276+00	0.00	31.80				
			0.00	57.18	79246.26	328702.62
276+50	0.00	29.95				
			0.00	53.94	79246.26	328756.56
277+00	0.00	28.30				
			0.00	50.71	79246.26	328807.27
277+50	0.00	26.47				
			0.00	47.47	79246.26	328854.74
278+00	0.00	24.80				
			0.00	44.55	79246.26	328899.29
278+50	0.00	23.31				
			0.00	41.32	79246.26	328940.61
279+00	0.00	21.32				
			0.00	37.58	79246.26	328978.19
279+50	0.00	19.27				
			0.00	34.82	79246.26	329013.02
280+00	0.00	18.34				
			0.00	32.59	79246.26	329045.61
280+50	0.00	16.86				
			0.00	29.31	79246.26	329074.92
281+00	0.00	14.79				
			0.00	25.52	79246.26	329100.44
281+50	0.00	12.77				
			0.00	21.45	79246.26	329121.89
282+00	0.00	10.40				
			0.00	17.18	79246.26	329139.06
282+50	0.00	8.15				
			0.00	12.92	79246.26	329151.98
283+00	0.00	5.80				
			0.00	9.08	79246.26	329161.06
283+50	0.00	4.01				
			0.00	6.16	79246.26	329167.22
284+00	0.00	2.64				
			0.00	3.29	79246.26	329170.51
284+50	0.00	0.91				
			0.02	1.02	79246.28	329171.53

285+00	0.02	0.19				
			0.30	0.18	79246.57	329171.70
285+50	0.30	0.00				
			0.89	0.00	79247.46	329171.70
286+00	0.66	0.00				
			1.19	0.00	79248.66	329171.70
286+50	0.63	0.00				
			0.70	0.19	79249.36	329171.89
287+00	0.13	0.20				
			0.12	1.17	79249.48	329173.06
287+50	0.00	1.06				
			0.00	2.61	79249.48	329175.67
288+00	0.00	1.76				
			0.00	4.05	79249.48	329179.71
288+50	0.00	2.61				
			0.00	5.80	79249.48	329185.51
289+00	0.00	3.65				
			0.00	8.04	79249.48	329193.55
289+50	0.00	5.03				
			0.00	10.82	79249.48	329204.37
290+00	0.00	6.66				
			0.00	13.56	79249.48	329217.94
290+50	0.00	7.99				
			0.00	15.93	79249.48	329233.86
291+00	0.00	9.21				
			0.00	18.08	79249.48	329251.94
291+50	0.00	10.32				
			0.00	19.98	79249.48	329271.93
292+00	0.00	11.26				
			0.00	21.50	79249.48	329293.43
292+50	0.00	11.96				
			0.00	22.99	79249.48	329316.42
293+00	0.00	12.87				
			0.00	25.05	79249.48	329341.46
293+50	0.00	14.18				
			0.00	27.53	79249.48	329368.99
294+00	0.00	15.55				
			0.00	29.49	79249.48	329398.48
294+50	0.00	16.30				
			0.00	30.80	79249.48	329429.28
295+00	0.00	16.96				
			0.00	32.08	79249.48	329461.36
295+50	0.00	17.69				
			0.00	33.69	79249.48	329495.06
296+00	0.00	18.70				
			0.00	35.64	79249.48	329530.69
296+50	0.00	19.79				
			0.00	37.25	79249.48	329567.94
297+00	0.00	20.44				
			0.00	38.20	79249.48	329606.15
297+50	0.00	20.82				
			0.00	38.34	79249.48	329644.49

298+00	0.00	20.59				
			0.00	38.39	79249.48	329682.88
298+50	0.00	20.87				
			0.00	38.06	79249.48	329720.94
299+00	0.00	20.23				
			0.00	36.83	79249.48	329757.77
299+50	0.00	19.55				
			0.00	36.19	79249.48	329793.95
300+00	0.00	19.53				
			0.00	35.70	79249.48	329829.66
300+50	0.00	19.03				
			0.00	34.79	79249.48	329864.44
301+00	0.00	18.54				
			0.00	33.67	79249.48	329898.11
301+50	0.00	17.82				
			0.00	32.40	79249.48	329930.51
302+00	0.00	17.17				
			0.00	30.96	79249.48	329961.47
302+50	0.00	16.27				
			0.00	28.89	79249.48	329990.36
303+00	0.00	14.93				
			0.00	26.24	79249.48	330016.60
303+50	0.00	13.41				
			0.00	23.69	79249.48	330040.29
304+00	0.00	12.17				
			0.00	20.71	79249.48	330061.00
304+50	0.00	10.20				
			0.00	16.71	79249.48	330077.71
305+00	0.00	7.85				
			0.00	12.76	79249.48	330090.47
305+50	0.00	5.93				
			0.00	8.98	79249.48	330099.45
306+00	0.00	3.77				
			0.00	4.96	79249.48	330104.42
306+50	0.00	1.59				
			0.62	1.47	79250.10	330105.89
307+00	0.67	0.00				
			3.56	0.00	79253.67	330105.89
307+50	3.18	0.00				
			8.30	0.00	79261.96	330105.89
308+00	5.78	0.00				
			12.51	0.00	79274.47	330105.89
308+50	7.73	0.00				
			17.57	0.00	79292.05	330105.89
309+00	11.25	0.00				
			25.88	0.00	79317.93	330105.89
309+50	16.70	0.00				
			36.06	0.00	79353.98	330105.89
310+00	22.24	0.00				
			45.80	0.00	79399.78	330105.89
310+50	27.22	0.00				
			54.80	0.00	79454.57	330105.89

311+00	31.96	0.00				
			63.93	0.00	79518.50	330105.89
311+50	37.08	0.00				
			73.04	0.00	79591.54	330105.89
312+00	41.80	0.00				
			81.90	0.00	79673.44	330105.89
312+50	46.65	0.00				
			90.64	0.00	79764.07	330105.89
313+00	51.24	0.00				
			98.69	0.00	79862.77	330105.89
313+50	55.35	0.00				
			106.03	0.00	79968.80	330105.89
314+00	59.16	0.00				
			112.89	0.00	80081.69	330105.89
314+50	62.76	0.00				
			119.56	0.00	80201.25	330105.89
315+00	66.37	0.00				
			126.85	0.00	80328.10	330105.89
315+50	70.63	0.00				
			134.13	0.00	80462.23	330105.89
316+00	74.23	0.00				
			140.93	0.00	80603.16	330105.89
316+50	77.97	0.00				
			148.56	0.00	80751.71	330105.89
317+00	82.47	0.00				
			156.56	0.00	80908.28	330105.89
317+50	86.62	0.00				
			164.25	0.00	81072.53	330105.89
318+00	90.77	0.00				
			171.67	0.00	81244.19	330105.89
318+50	94.63	0.00				
			178.81	0.00	81423.01	330105.89
319+00	98.49	0.00				
			185.88	0.00	81608.89	330105.89
319+50	102.26	0.00				
			193.40	0.00	81802.29	330105.89
320+00	106.61	0.00				
			201.62	0.00	82003.91	330105.89
320+50	111.14	0.00				
			210.34	0.00	82214.25	330105.89
321+00	116.03	0.00				
			220.70	0.00	82434.95	330105.89
321+50	122.33	0.00				
			232.53	0.00	82667.48	330105.89
322+00	128.80	0.00				
			244.19	0.00	82911.68	330105.89
322+50	134.93	0.00				
			254.57	0.00	83166.25	330105.89
323+00	140.01	0.00				
			264.51	0.00	83430.76	330105.89
323+50	145.66	0.00				
			275.62	0.00	83706.38	330105.89

324+00	152.01	0.00				
			286.80	0.00	83993.18	330105.89
324+50	157.73	0.00				
			297.21	0.00	84290.39	330105.89
325+00	163.26	0.00				
			307.60	0.00	84597.99	330105.89
325+50	168.95	0.00				
			317.52	0.00	84915.51	330105.89
326+00	173.97	0.00				
			326.48	0.00	85241.99	330105.89
326+50	178.63	0.00				
			339.19	0.00	85581.19	330105.89
327+00	187.70	0.00				
			361.30	0.00	85942.48	330105.89
327+50	202.50	0.00				
			390.71	0.00	86333.19	330105.89
328+00	219.47	0.00				
			420.40	0.00	86753.59	330105.89
328+50	234.56	0.00				
			447.64	0.00	87201.23	330105.89
329+00	248.89	0.00				
			472.31	0.00	87673.54	330105.89
329+50	261.20	0.00				
			490.44	0.00	88163.97	330105.89
330+00	268.47	0.00				
			496.47	0.00	88660.44	330105.89
330+50	267.72	0.00				
			488.66	0.00	89149.10	330105.89
331+00	260.03	0.00				
			468.01	0.00	89617.11	330105.89
331+50	245.42	0.00				
			436.68	0.00	90053.79	330105.89
332+00	226.19	0.00				
			398.90	0.00	90452.69	330105.89
332+50	204.62	0.00				
			357.35	0.00	90810.04	330105.89
333+00	181.32	0.00				
			329.16	0.00	91139.19	330105.89
333+50	174.17	0.00				
			202.57	0.00	91341.77	330105.89
334+00	44.61	0.00				
			41.31	287.16	91383.07	330393.05
334+50	0.00	310.13				
			0.00	694.44	91383.07	331087.49
335+00	0.00	439.87				
			0.00	788.48	91383.07	331875.97
335+50	0.00	411.69				
			0.00	546.21	91383.07	332422.19
336+00	0.00	178.22				
			62.55	165.02	91445.62	332587.20
336+50	67.55	0.00				
			223.70	0.00	91669.32	332587.20

337+00	174.05	0.00				
			305.96	0.00	91975.29	332587.20
337+50	156.39	0.00				
			257.68	0.00	92232.96	332587.20
338+00	121.90	0.00				
			205.16	0.00	92438.12	332587.20
338+50	99.67	0.00				
			176.99	0.00	92615.11	332587.20
339+00	91.48	0.00				
			180.65	0.00	92795.76	332587.20
339+50	103.62	0.00				
			222.16	0.00	93017.92	332587.20
340+00	136.31	0.00				
			278.47	0.00	93296.39	332587.20
340+50	164.44	0.00				
			318.91	0.00	93615.30	332587.20
341+00	179.98	0.00				
			344.19	0.00	93959.48	332587.20
341+50	191.74	0.00				
			360.56	0.00	94320.04	332587.20
342+00	197.66	0.00				
			363.68	0.00	94683.71	332587.20
342+50	195.11	0.00				
			355.69	0.00	95039.41	332587.20
343+00	189.04	0.00				
			341.03	0.00	95380.44	332587.20
343+50	179.27	0.00				
			322.69	0.00	95703.12	332587.20
344+00	169.23	0.00				
			303.08	0.00	96006.20	332587.20
344+50	158.10	0.00				
			278.34	0.00	96284.55	332587.20
345+00	142.51	0.00				
			247.84	0.00	96532.39	332587.20
345+50	125.16	0.00				
			213.12	0.00	96745.51	332587.20
346+00	105.01	0.00				
			173.86	0.00	96919.37	332587.20
346+50	82.76	0.00				
			127.95	0.00	97047.32	332587.20
347+00	55.43	0.00				
			79.55	0.00	97126.87	332587.20
347+50	30.48	0.00				
			32.86	0.00	97159.73	332587.20
348+00	5.01	0.00				
			4.64	18.06	97164.37	332605.26
348+50	0.00	19.50				
			0.00	51.59	97164.37	332656.85
349+00	0.00	36.22				
			0.00	73.06	97164.37	332729.92
349+50	0.00	42.69				
			0.00	81.58	97164.37	332811.50

350+00	0.00	45.42				
			0.00	78.56	97164.37	332890.06
350+50	0.00	39.42				
			0.00	66.02	97164.37	332956.07
351+00	0.00	31.88				
			0.00	53.23	97164.37	333009.31
351+50	0.00	25.61				
			0.00	41.57	97164.37	333050.88
352+00	0.00	19.29				
			0.00	29.12	97164.37	333080.00
352+50	0.00	12.16				
			0.00	15.55	97164.37	333095.55
353+00	0.00	4.63				
			0.93	4.31	97165.30	333099.85
353+50	1.00	0.02				
			4.84	0.02	97170.14	333099.87
354+00	4.23	0.00				
			7.36	0.00	97177.50	333099.87
354+50	3.72	0.00				
			3.96	0.19	97181.46	333100.06
355+00	0.56	0.21				
			0.52	6.07	97181.98	333106.14
355+50	0.00	6.35				
			0.00	16.35	97181.98	333122.49
356+00	0.00	11.31				
			0.00	23.16	97181.98	333145.65
356+50	0.00	13.70				
			0.00	28.66	97181.98	333174.31
357+00	0.00	17.25				
			0.00	35.03	97181.98	333209.33
357+50	0.00	20.58				
			0.00	40.64	97181.98	333249.97
358+00	0.00	23.31				
			0.00	44.51	97181.98	333294.48
358+50	0.00	24.76				
			0.00	42.83	97181.98	333337.31
359+00	0.00	21.50				
			0.00	34.77	97181.98	333372.08
359+50	0.00	16.05				
			0.00	24.57	97181.98	333396.66
360+00	0.00	10.49				
			0.00	16.05	97181.98	333412.70
360+50	0.00	6.84				
			0.18	10.60	97182.16	333423.31
361+00	0.19	4.61				
			0.83	7.08	97182.99	333430.39
361+50	0.71	3.04				
			2.21	4.25	97185.20	333434.64
362+00	1.68	1.55				
			7.02	1.47	97192.22	333436.11
362+50	5.90	0.04				
			18.96	0.04	97211.19	333436.15

363+00	14.58	0.00				
			41.23	0.00	97252.42	333436.15
363+50	29.95	0.00				
			74.91	0.00	97327.32	333436.15
364+00	50.95	0.00				
			117.69	0.00	97445.02	333436.15
364+50	76.16	0.00				
			159.23	0.00	97604.25	333436.15
365+00	95.81	0.00				
			191.40	0.00	97795.65	333436.15
365+50	110.90	0.00				
			212.82	0.00	98008.47	333436.15
366+00	118.95	0.00				
			219.90	0.00	98228.37	333436.15
366+50	118.54	0.00				
			217.30	0.00	98445.67	333436.15
367+00	116.14	0.00				
			211.94	0.00	98657.60	333436.15
367+50	112.75	0.00				
			205.30	0.00	98862.90	333436.15
368+00	108.97	0.00				
			198.48	0.00	99061.38	333436.15
368+50	105.39	0.00				
			191.05	0.00	99252.43	333436.15
369+00	100.94	0.00				
			183.24	0.00	99435.67	333436.15
369+50	96.96	0.00				
			175.74	0.00	99611.41	333436.15
370+00	92.84	0.00				
			166.55	0.00	99777.95	333436.15
370+50	87.03	0.00				
			157.68	0.00	99935.63	333436.15
371+00	83.26	0.00				
			149.98	0.00	100085.61	333436.15
371+50	78.72	0.00				
			141.35	0.00	100226.96	333436.15
372+00	73.94	0.00				
			131.63	0.00	100358.59	333436.15
372+50	68.22	0.00				
			120.30	0.00	100478.89	333436.15
373+00	61.70	0.00				
			106.75	0.00	100585.64	333436.15
373+50	53.59	0.00				
			90.44	0.00	100676.08	333436.15
374+00	44.09	0.00				
			77.11	0.00	100753.19	333436.15
374+50	39.19	0.00				
			70.76	0.00	100823.95	333436.15
375+00	37.23	0.00				
			66.51	0.00	100890.46	333436.15
375+50	34.60	0.00				
			62.31	0.00	100952.77	333436.15

376+00	32.69	0.00				
			59.53	0.00	101012.30	333436.15
376+50	31.60	0.00				
			62.73	0.00	101075.03	333436.15
377+00	36.15	0.00				
			72.69	0.00	101147.72	333436.15
377+50	42.36	0.00				
			80.56	0.00	101228.29	333436.15
378+00	44.65	0.00				
			80.56	0.00	101308.84	333436.15
378+50	42.35	0.00				
			74.31	0.00	101383.16	333436.15
379+00	37.91	0.00				
			65.59	0.00	101448.75	333436.15
379+50	32.93	0.00				
			55.48	0.00	101504.23	333436.15
380+00	26.99	0.00				
			43.44	0.00	101547.68	333436.15
380+50	19.93	0.00				
			32.33	0.00	101580.01	333436.15
381+00	14.99	0.00				
			22.71	0.00	101602.72	333436.15
381+50	9.54	0.00				
			10.59	0.00	101613.31	333436.15
382+00	1.90	0.00				
			0.40	0.00	101613.71	333436.15
382+11.29	0.00	0.00				

Alternative 2 Floodplain

ALT 2 - FLOODPLAIN AREAS						
	CUTA	FILLA	CUTV	FILLV	CUMCUTV	CUMFILLV
			0.00	0.00	0.00	0.00
36+00	0.00	3644.60	0.00	6883.41	0.00	6883.41
36+50	0.00	3789.48	0.00	7172.62	0.00	14056.03
37+00	0.00	3956.95	0.00	7477.24	0.00	21533.27
37+50	0.00	4118.47	0.00	7694.75	0.00	29228.02
38+00	0.00	4191.86	0.00	7835.31	0.00	37063.33
38+50	0.00	4270.28	0.00	8016.29	0.00	45079.62
39+00	0.00	4387.31	0.00	8229.96	0.00	53309.58
39+50	0.00	4501.05	0.00	8409.12	0.00	61718.70
40+00	0.00	4580.80	0.00	8527.23	0.00	70245.94
40+50	0.00	4628.61	0.00	8555.44	0.00	78801.37
41+00	0.00	4611.26	0.00	8505.06	0.00	87306.44
41+50	0.00	4574.21	0.00	8351.22	0.00	95657.66
42+00	0.00	4445.11	0.00	8118.90	0.00	103776.56
42+50	0.00	4323.30	0.00	7937.60	0.00	111714.16
43+00	0.00	4249.31	0.00	7794.77	0.00	119508.93
43+50	0.00	4169.04	0.00	7538.72	0.00	127047.65
44+00	0.00	3972.78	0.00	7077.87	0.00	134125.52
44+50	0.00	3671.32	0.00	6182.69	0.00	140308.20
45+00	0.00	3005.98	0.00	4964.82	0.00	145273.03
45+50	0.00	2356.03	0.00	3828.62	0.00	149101.65
46+00	0.00	1778.88	0.00	2807.56	0.00	151909.21
46+50	0.00	1253.29				
			0.00	0.00	0.00	0.00

125+50	0.00	593.88				
			0.00	1170.63	0.00	1170.63
126+00	0.00	670.40				
			0.00	1338.37	0.00	2509.00
126+50	0.00	775.04				
			0.00	1550.06	0.00	4059.06
127+00	0.00	899.02				
			0.00	1791.37	0.00	5850.43
127+50	0.00	1035.66				
			0.00	2051.92	0.00	7902.34
128+00	0.00	1180.41				
			0.00	2247.40	0.00	10149.74
128+50	0.00	1246.78				
			0.00	2273.11	0.00	12422.85
129+00	0.00	1208.18				
			0.00	2153.17	0.00	14576.02
129+50	0.00	1117.24				
			0.00	1990.60	0.00	16566.62
130+00	0.00	1032.61				
			0.00	1843.27	0.00	18409.89
130+50	0.00	958.12				
			0.00	1708.91	0.00	20118.80
131+00	0.00	887.50				
			0.00	1578.76	0.00	21697.56
131+50	0.00	817.56				
			0.00	1456.25	0.00	23153.81
132+00	0.00	755.19				
			0.00	1338.32	0.00	24492.13
132+50	0.00	690.20				
			0.00	1213.77	0.00	25705.90
133+00	0.00	620.67				
			0.00	1086.43	0.00	26792.32
133+50	0.00	552.67				
			0.00	966.46	0.00	27758.79
134+00	0.00	491.11				
			0.00	857.70	0.00	28616.49
134+50	0.00	435.21				
			0.00	768.50	0.00	29384.99
135+00	0.00	394.77				
			0.00	695.97	0.00	30080.96
135+50	0.00	356.88				
			0.00	628.97	0.00	30709.94
136+00	0.00	322.41				
			0.00	571.30	0.00	31281.23
136+50	0.00	294.59				
			0.00	524.83	0.00	31806.06
137+00	0.00	272.23				
			0.00	482.50	0.00	32288.56
137+50	0.00	248.87				

			0.00	0.00	0.00	0.00
170+50	48.39	0.00				
			79.20	0.00	79.20	0.00
171+00	37.15	0.00				
			57.95	0.00	137.16	0.00
171+50	25.44	0.00				
			47.13	0.00	184.29	0.00
172+00	25.46	0.00				
			23.57	8.23	207.86	8.23
172+50	0.00	8.89				
			0.00	166.87	207.86	175.10
173+00	0.00	171.33				
			0.00	598.86	207.86	773.96
173+50	0.00	475.44				
			0.00	1049.77	207.86	1823.73
174+00	0.00	658.31				
			0.00	1240.00	207.86	3063.73
174+50	0.00	680.89				
			0.00	1225.21	207.86	4288.94
175+00	0.00	642.34				
			0.00	1151.08	207.86	5440.03
175+50	0.00	600.83				
			0.00	1087.27	207.86	6527.30
176+00	0.00	573.42				
			0.00	1035.45	207.86	7562.75
176+50	0.00	544.87				
			0.00	968.07	207.86	8530.82
177+00	0.00	500.65				
			0.00	880.38	207.86	9411.20
177+50	0.00	450.16				
			0.00	786.83	207.86	10198.04
178+00	0.00	399.62				
			0.00	695.56	207.86	10893.60
178+50	0.00	351.59				
			0.00	611.94	207.86	11505.55
179+00	0.00	309.31				
			0.00	529.31	207.86	12034.85
179+50	0.00	262.34				
			0.00	440.95	207.86	12475.81
180+00	0.00	213.89				
			0.00	357.81	207.86	12833.62
180+50	0.00	172.55				
			0.00	287.84	207.86	13121.46
181+00	0.00	138.32				
			0.00	229.71	207.86	13351.18
181+50	0.00	109.77				
			0.00	183.33	207.86	13534.51
182+00	0.00	88.23				
			0.00	157.82	207.86	13692.33
182+50	0.00	82.22				
			0.00	148.32	207.86	13840.66
183+00	0.00	77.97				

			0.00	141.09	207.86	13981.75
183+50	0.00	74.41				
			0.00	135.56	207.86	14117.31
184+00	0.00	72.00				
			0.00	131.22	207.86	14248.54
184+50	0.00	69.72				
			0.00	126.98	207.86	14375.52
185+00	0.00	67.42				
			0.00	122.69	207.86	14498.21
185+50	0.00	65.09				
			0.00	117.79	207.86	14616.00
186+00	0.00	62.12				
			0.00	112.85	207.86	14728.85
186+50	0.00	59.76				
			0.00	108.11	207.86	14836.96
187+00	0.00	57.00				
			0.00	103.20	207.86	14940.17
187+50	0.00	54.46				
			0.00	0.00	0.00	0.00
322+50	134.93	0.00				
			254.57	0.00	254.57	0.00
323+00	140.01	0.00				
			264.51	0.00	519.08	0.00
323+50	145.66	0.00				
			275.62	0.00	794.70	0.00
324+00	152.01	0.00				
			286.80	0.00	1081.50	0.00
324+50	157.73	0.00				
			297.21	0.00	1378.71	0.00
325+00	163.26	0.00				
			307.60	0.00	1686.31	0.00
325+50	168.95	0.00				
			317.52	0.00	2003.83	0.00
326+00	173.97	0.00				
			326.48	0.00	2330.31	0.00
326+50	178.63	0.00				
			339.19	0.00	2669.51	0.00
327+00	187.70	0.00				
			361.30	0.00	3030.81	0.00
327+50	202.50	0.00				
			390.71	0.00	3421.52	0.00
328+00	219.47	0.00				
			420.40	0.00	3841.92	0.00
328+50	234.56	0.00				
			447.64	0.00	4289.56	0.00
329+00	248.89	0.00				
			472.31	0.00	4761.86	0.00
329+50	261.20	0.00				
			490.44	0.00	5252.30	0.00
330+00	268.47	0.00				

			496.47	0.00	5748.77	0.00
330+50	267.72	0.00				
			488.66	0.00	6237.43	0.00
331+00	260.03	0.00				
			468.01	0.00	6705.44	0.00
331+50	245.42	0.00				
			436.68	0.00	7142.11	0.00
332+00	226.19	0.00				
			398.90	0.00	7541.01	0.00
332+50	204.62	0.00				
			357.35	0.00	7898.36	0.00
333+00	181.32	0.00				
			329.16	0.00	8227.52	0.00
333+50	174.17	0.00				
			202.57	0.00	8430.09	0.00
334+00	44.61	0.00				
			41.31	287.16	8471.40	287.16
334+50	0.00	310.13				
			0.00	694.44	8471.40	981.60
335+00	0.00	439.87				
			0.00	788.48	8471.40	1770.08
335+50	0.00	411.69				
			0.00	546.21	8471.40	2316.30
336+00	0.00	178.22				
			62.55	165.02	8533.94	2481.31
336+50	67.55	0.00				
			223.70	0.00	8757.65	2481.31
337+00	174.05	0.00				
			305.96	0.00	9063.61	2481.31
337+50	156.39	0.00				
			257.68	0.00	9321.29	2481.31
338+00	121.90	0.00				
			205.16	0.00	9526.44	2481.31
338+50	99.67	0.00				
			176.99	0.00	9703.44	2481.31
339+00	91.48	0.00				
			180.65	0.00	9884.08	2481.31
339+50	103.62	0.00				
			222.16	0.00	10106.24	2481.31
340+00	136.31	0.00				
			278.47	0.00	10384.71	2481.31
340+50	164.44	0.00				
			318.91	0.00	10703.62	2481.31
341+00	179.98	0.00				
			344.19	0.00	11047.81	2481.31
341+50	191.74	0.00				
			360.56	0.00	11408.36	2481.31
342+00	197.66	0.00				
			363.68	0.00	11772.04	2481.31
342+50	195.11	0.00				
			355.69	0.00	12127.73	2481.31
343+00	189.04	0.00				

			341.03	0.00	12468.76	2481.31
343+50	179.27	0.00				
			322.69	0.00	12791.44	2481.31
344+00	169.23	0.00				
			303.08	0.00	13094.53	2481.31
344+50	158.10	0.00				
			278.34	0.00	13372.87	2481.31
345+00	142.51	0.00				
			247.84	0.00	13620.71	2481.31
345+50	125.16	0.00				
			213.12	0.00	13833.83	2481.31
346+00	105.01	0.00				
			173.86	0.00	14007.69	2481.31
346+50	82.76	0.00				
			127.95	0.00	14135.65	2481.31
347+00	55.43	0.00				
			79.55	0.00	14215.19	2481.31
347+50	30.48	0.00				
			32.86	0.00	14248.06	2481.31
348+00	5.01	0.00				
			4.64	18.06	14252.69	2499.37
348+50	0.00	19.50				
			0.00	51.59	14252.69	2550.96
349+00	0.00	36.22				
			0.00	73.06	14252.69	2624.03
349+50	0.00	42.69				
			0.00	81.58	14252.69	2705.61
350+00	0.00	45.42				
			0.00	78.56	14252.69	2784.17
350+50	0.00	39.42				
			0.00	66.02	14252.69	2850.19
351+00	0.00	31.88				
			0.00	53.23	14252.69	2903.42
351+50	0.00	25.61				
			0.00	41.57	14252.69	2944.99
352+00	0.00	19.29				
			0.00	29.12	14252.69	2974.11
352+50	0.00	12.16				
			0.00	15.55	14252.69	2989.66
353+00	0.00	4.63				
			0.93	4.31	14253.62	2993.96
353+50	1.00	0.02				
			4.84	0.02	14258.46	2993.98
354+00	4.23	0.00				
			7.36	0.00	14265.82	2993.98
354+50	3.72	0.00				
			3.96	0.19	14269.79	2994.18
355+00	0.56	0.21				
			0.52	6.07	14270.31	3000.25
355+50	0.00	6.35				
			0.00	16.35	14270.31	3016.60
356+00	0.00	11.31				

			0.00	23.16	14270.31	3039.76
356+50	0.00	13.70				
			0.00	28.66	14270.31	3068.42
357+00	0.00	17.25				
			0.00	35.03	14270.31	3103.44
357+50	0.00	20.58				
			0.00	40.64	14270.31	3144.08
358+00	0.00	23.31				
			0.00	44.51	14270.31	3188.59
358+50	0.00	24.76				
			0.00	42.83	14270.31	3231.43
359+00	0.00	21.50				
			0.00	34.77	14270.31	3266.19
359+50	0.00	16.05				
			0.00	24.57	14270.31	3290.77
360+00	0.00	10.49				
			0.00	16.05	14270.31	3306.81
360+50	0.00	6.84				
			0.18	10.60	14270.48	3317.42
361+00	0.19	4.61				
			0.83	7.08	14271.31	3324.50
361+50	0.71	3.04				
			2.21	4.25	14273.53	3328.75
362+00	1.68	1.55				
			7.02	1.47	14280.55	3330.22
362+50	5.90	0.04				
			18.96	0.04	14299.51	3330.26
363+00	14.58	0.00				
			41.23	0.00	14340.74	3330.26
363+50	29.95	0.00				
			74.91	0.00	14415.65	3330.26
364+00	50.95	0.00				
			117.69	0.00	14533.34	3330.26
364+50	76.16	0.00				
			159.23	0.00	14692.57	3330.26
365+00	95.81	0.00				
			191.40	0.00	14883.97	3330.26
365+50	110.90	0.00				
			212.82	0.00	15096.80	3330.26
366+00	118.95	0.00				
			219.90	0.00	15316.69	3330.26
366+50	118.54	0.00				
			217.30	0.00	15533.99	3330.26
367+00	116.14	0.00				
			211.94	0.00	15745.93	3330.26
367+50	112.75	0.00				
			205.30	0.00	15951.22	3330.26
368+00	108.97	0.00				
			198.48	0.00	16149.70	3330.26
368+50	105.39	0.00				
			191.05	0.00	16340.75	3330.26
369+00	100.94	0.00				

			183.24	0.00	16523.99	3330.26
369+50	96.96	0.00				
			175.74	0.00	16699.73	3330.26
370+00	92.84	0.00				
			166.55	0.00	16866.28	3330.26
370+50	87.03	0.00				
			157.68	0.00	17023.95	3330.26
371+00	83.26	0.00				
			149.98	0.00	17173.94	3330.26
371+50	78.72	0.00				
			141.35	0.00	17315.29	3330.26
372+00	73.94	0.00				
			131.63	0.00	17446.92	3330.26
372+50	68.22	0.00				
			120.30	0.00	17567.21	3330.26
373+00	61.70	0.00				
			106.75	0.00	17673.96	3330.26
373+50	53.59	0.00				
			90.44	0.00	17764.41	3330.26
374+00	44.09	0.00				
			77.11	0.00	17841.52	3330.26
374+50	39.19	0.00				
			70.76	0.00	17912.28	3330.26
375+00	37.23	0.00				
			66.51	0.00	17978.79	3330.26
375+50	34.60	0.00				
			62.31	0.00	18041.09	3330.26
376+00	32.69	0.00				
			59.53	0.00	18100.62	3330.26
376+50	31.60	0.00				
			62.73	0.00	18163.35	3330.26
377+00	36.15	0.00				
			72.69	0.00	18236.05	3330.26
377+50	42.36	0.00				
			80.56	0.00	18316.61	3330.26
378+00	44.65	0.00				
			80.56	0.00	18397.17	3330.26
378+50	42.35	0.00				
			74.31	0.00	18471.48	3330.26
379+00	37.91	0.00				
			65.59	0.00	18537.07	3330.26
379+50	32.93	0.00				
			55.48	0.00	18592.56	3330.26
380+00	26.99	0.00				
			43.44	0.00	18636.00	3330.26
380+50	19.93	0.00				
			32.33	0.00	18668.33	3330.26
381+00	14.99	0.00				
			22.71	0.00	18691.05	3330.26
381+50	9.54	0.00				
			10.59	0.00	18701.64	3330.26
382+00	1.90	0.00				

			0.40	0.00	18702.04	3330.26
382+11.29	0.00	0.00				
					18909.90	202468.20

Alternative 3 Earthwork

ALT 3 - EARTHWORK						
	CUTA	FILLA	CUTV	FILLV	CUMCUTV	CUMFILLV
0+00	0	0				
			0.00	34.90	0.00	34.90
0+50	0	37.69				
			0.00	92.76	0.00	127.66
1+00	0	62.49				
			0.00	191.04	0.00	318.69
1+50	0	143.83				
			0.00	370.85	0.00	689.55
2+00	0	256.69				
			0.00	526.58	0.00	1216.13
2+50	0	312.02				
			0.00	568.55	0.00	1784.68
3+00	0	302.01				
			0.00	552.81	0.00	2337.48
3+50	0	295.02				
			0.00	629.99	0.00	2967.47
4+00	0	385.37				
			0.00	762.79	0.00	3730.26
4+50	0	438.44				
			0.00	867.36	0.00	4597.62
5+00	0	498.31				
			0.00	1052.05	0.00	5649.67
5+50	0	637.9				
			0.00	1294.96	0.00	6944.63
6+00	0	760.66				
			0.00	1500.00	0.00	8444.63
6+50	0	859.34				
			0.00	1641.58	0.00	10086.21
7+00	0	913.57				
			0.00	1734.31	0.00	11820.52
7+50	0	959.48				
			0.00	1780.57	0.00	13601.09
8+00	0	963.54				
			0.00	1791.42	0.00	15392.51
8+50	0	971.19				
			0.00	1829.91	0.00	17222.42
9+00	0	1005.11				
			0.00	1814.74	0.00	19037.16
9+50	0	954.81				
			0.00	1697.07	0.00	20734.23
10+00	0	878.03				
			0.00	1514.79	0.00	22249.02
10+50	0	757.94				
			0.00	1330.99	0.00	23580.01
11+00	0	679.53				
			0.00	1228.82	0.00	24808.83
11+50	0	647.6				
			0.00	1180.96	0.00	25989.80

12+00	0	627.84				
			0.00	1117.14	0.00	27106.94
12+50	0	578.67				
			0.00	1071.46	0.00	28178.40
13+00	0	578.51				
			0.00	1106.10	0.00	29284.50
13+50	0	616.08				
			0.00	1232.60	0.00	30517.10
14+00	0	715.13				
			0.00	1440.44	0.00	31957.54
14+50	0	840.54				
			0.00	1630.75	0.00	33588.29
15+00	0	920.67				
			0.00	1707.59	0.00	35295.88
15+50	0	923.53				
			0.00	1631.44	0.00	36927.31
16+00	0	838.42				
			0.00	1487.10	0.00	38414.42
16+50	0	767.65				
			0.00	1380.75	0.00	39795.17
17+00	0	723.56				
			0.00	1314.81	0.00	41109.97
17+50	0	696.43				
			0.00	1339.16	0.00	42449.13
18+00	0	749.86				
			0.00	1440.93	0.00	43890.06
18+50	0	806.34				
			0.00	1616.85	0.00	45506.91
19+00	0	939.86				
			0.00	1882.32	0.00	47389.23
19+50	0	1093.05				
			0.00	2280.35	0.00	49669.58
20+00	0	1369.73				
			0.00	2826.93	0.00	52496.51
20+50	0	1683.35				
			0.00	3468.05	0.00	55964.56
21+00	0	2062.14				
			0.00	4141.86	0.00	60106.42
21+50	0	2411.07				
			0.00	4663.08	0.00	64769.50
22+00	0	2625.06				
			0.00	5011.30	0.00	69780.80
22+50	0	2787.14				
			0.00	5167.03	0.00	74947.82
23+00	0	2793.25				
			0.00	5116.66	0.00	80064.48
23+50	0	2732.74				
			0.00	4888.04	0.00	84952.52
24+00	0	2546.34				
			0.00	4547.40	0.00	89499.92
24+50	0	2364.85				
			0.00	4214.39	0.00	93714.31

25+00	0	2186.69				
			0.00	3946.03	0.00	97660.33
25+50	0	2075.02				
			0.00	3830.53	0.00	101490.86
26+00	0	2061.95				
			0.00	3742.90	0.00	105233.76
26+50	0	1980.38				
			0.00	3612.96	0.00	108846.72
27+00	0	1921.62				
			0.00	3534.44	0.00	112381.16
27+50	0	1895.57				
			0.00	3534.35	0.00	115915.51
28+00	0	1921.53				
			0.00	3556.58	0.00	119472.09
28+50	0	1919.58				
			0.00	3502.36	0.00	122974.45
29+00	0	1862.97				
			0.00	3439.78	0.00	126414.23
29+50	0	1851.99				
			0.00	3461.37	0.00	129875.60
30+00	0	1886.29				
			0.00	3501.66	0.00	133377.26
30+50	0	1895.5				
			0.00	3499.69	0.00	136876.94
31+00	0	1884.16				
			0.00	3502.39	0.00	140379.33
31+50	0	1898.42				
			0.00	3553.13	0.00	143932.46
32+00	0	1938.96				
			0.00	3605.84	0.00	147538.31
32+50	0	1955.35				
			0.00	3624.76	0.00	151163.06
33+00	0	1959.39				
			0.00	3705.41	0.00	154868.47
33+50	0	2042.45				
			0.00	3974.78	0.00	158843.25
34+00	0	2250.31				
			0.00	4395.90	0.00	163239.15
34+50	0	2497.26				
			0.00	4859.31	0.00	168098.46
35+00	0	2750.8				
			0.00	5310.45	0.00	173408.92
35+50	0	2984.49				
			0.00	5698.72	0.00	179107.64
36+00	0	3170.13				
			0.00	5979.59	0.00	185087.23
36+50	0	3287.83				
			0.00	6102.86	0.00	191190.09
37+00	0	3303.26				
			0.00	5980.03	0.00	197170.12
37+50	0	3155.17				
			0.00	5574.76	0.00	202744.88

38+00	0	2865.57				
			0.00	4940.01	0.00	207684.89
38+50	0	2469.64				
			0.00	4208.00	0.00	211892.89
39+00	0	2075				
			0.00	3552.09	0.00	215444.98
39+50	0	1761.26				
			0.00	3038.02	0.00	218483.00
40+00	0	1519.8				
			0.00	2660.39	0.00	221143.39
40+50	0	1353.42				
			0.00	2439.80	0.00	223583.19
41+00	0	1281.56				
			0.00	2341.71	0.00	225924.90
41+50	0	1247.49				
			0.00	2286.27	0.00	228211.17
42+00	0	1221.68				
			0.00	2251.38	0.00	230462.55
42+50	0	1209.81				
			0.00	2255.85	0.00	232718.40
43+00	0	1226.51				
			0.00	2320.28	0.00	235038.68
43+50	0	1279.39				
			0.00	2442.92	0.00	237481.59
44+00	0	1358.96				
			0.00	2579.47	0.00	240061.06
44+50	0	1426.87				
			0.00	2715.37	0.00	242776.44
45+00	0	1505.73				
			0.00	2874.10	0.00	245650.54
45+50	0	1598.3				
			0.00	3026.03	0.00	248676.56
46+00	0	1669.81				
			0.00	3128.20	0.00	251804.77
46+50	0	1708.65				
			0.00	3188.05	0.00	254992.81
47+00	0	1734.44				
			0.00	3225.19	0.00	258218.01
47+50	0	1748.77				
			0.00	3216.67	0.00	261434.68
48+00	0	1725.23				
			0.00	3142.28	0.00	264576.95
48+50	0	1668.43				
			0.00	3052.91	0.00	267629.86
49+00	0	1628.71				
			0.00	3029.41	0.00	270659.27
49+50	0	1643.05				
			0.00	3053.94	0.00	273713.21
50+00	0	1655.21				
			0.00	3069.92	0.00	276783.13
50+50	0	1660.3				
			0.00	3091.87	0.00	279875.00

51+00	0	1678.92				
			0.00	3136.21	0.00	283011.21
51+50	0	1708.19				
			0.00	3162.19	0.00	286173.41
52+00	0	1706.98				
			0.00	3128.44	0.00	289301.84
52+50	0	1671.73				
			0.00	3072.11	0.00	292373.95
53+00	0	1646.15				
			0.00	3034.93	0.00	295408.88
53+50	0	1631.57				
			0.00	3038.57	0.00	298447.45
54+00	0	1650.09				
			0.00	3069.69	0.00	301517.14
54+50	0	1665.17				
			0.00	3048.51	0.00	304565.65
55+00	0	1627.22				
			0.00	2980.05	0.00	307545.69
55+50	0	1591.23				
			0.00	2945.15	0.00	310490.84
56+00	0	1589.53				
			0.00	2971.64	0.00	313462.48
56+50	0	1619.84				
			0.00	2998.92	0.00	316461.40
57+00	0	1618.99				
			0.00	2950.93	0.00	319412.32
57+50	0	1568.01				
			0.00	2859.12	0.00	322271.44
58+00	0	1519.84				
			0.00	2798.73	0.00	325070.18
58+50	0	1502.79				
			0.00	2712.17	0.00	327782.34
59+00	0	1426.35				
			0.00	2440.13	0.00	330222.47
59+50	0	1208.99				
			0.00	2057.31	0.00	332279.78
60+00	0	1012.9				
			0.00	1765.16	0.00	334044.94
60+50	0	893.47				
			0.00	1578.23	0.00	335623.17
61+00	0	811.02				
			0.00	1446.94	0.00	337070.11
61+50	0	751.68				
			0.00	1349.02	0.00	338419.13
62+00	0	705.26				
			0.00	1267.48	0.00	339686.61
62+50	0	663.62				
			0.00	1205.91	0.00	340892.52
63+00	0	638.76				
			0.00	1158.66	0.00	342051.18
63+50	0	612.59				
			0.00	1093.82	0.00	343145.00

64+00	0	568.74				
			0.00	1020.94	0.00	344165.94
64+50	0	533.88				
			0.00	986.24	0.00	345152.19
65+00	0	531.26				
			0.00	989.47	0.00	346141.66
65+50	0	537.37				
			0.00	948.43	0.00	347090.08
66+00	0	486.93				
			0.00	859.22	0.00	347949.31
66+50	0	441.03				
			0.00	823.94	0.00	348773.24
67+00	0	448.82				
			0.00	850.44	0.00	349623.69
67+50	0	469.66				
			0.00	856.24	0.00	350479.93
68+00	0	455.08				
			0.00	819.91	0.00	351299.83
68+50	0	430.42				
			0.00	791.98	0.00	352091.81
69+00	0	424.92				
			0.00	784.79	0.00	352876.60
69+50	0	422.65				
			0.00	774.00	0.00	353650.60
70+00	0	413.27				
			0.00	755.16	0.00	354405.76
70+50	0	402.3				
			0.00	734.66	0.00	355140.42
71+00	0	391.13				
			0.00	714.22	0.00	355854.64
71+50	0	380.23				
			0.00	705.58	0.00	356560.22
72+00	0	381.8				
			0.00	717.54	0.00	357277.76
72+50	0	393.14				
			0.00	727.26	0.00	358005.02
73+00	0	392.3				
			0.00	717.56	0.00	358722.57
73+50	0	382.66				
			0.00	712.38	0.00	359434.95
74+00	0	386.71				
			0.00	727.27	0.00	360162.22
74+50	0	398.74				
			0.00	732.57	0.00	360894.80
75+00	0	392.44				
			0.00	713.53	0.00	361608.32
75+50	0	378.17				
			0.00	707.87	0.00	362316.19
76+00	0	386.33				
			0.00	728.70	0.00	363044.90
76+50	0	400.67				
			0.00	745.81	0.00	363790.70

77+00	0	404.8				
			0.00	749.27	0.00	364539.97
77+50	0	404.41				
			0.00	743.68	0.00	365283.65
78+00	0	398.76				
			0.00	730.49	0.00	366014.14
78+50	0	390.17				
			0.00	701.27	0.00	366715.41
79+00	0	367.2				
			0.00	651.21	0.00	367366.62
79+50	0	336.11				
			0.00	619.48	0.00	367986.10
80+00	0	332.93				
			0.00	628.09	0.00	368614.19
80+50	0	345.41				
			0.00	640.28	0.00	369254.47
81+00	0	346.09				
			0.00	638.97	0.00	369893.44
81+50	0	344				
			0.00	643.77	0.00	370537.21
82+00	0	351.27				
			0.00	655.58	0.00	371192.80
82+50	0	356.76				
			0.00	656.36	0.00	371849.16
83+00	0	352.11				
			0.00	651.78	0.00	372500.94
83+50	0	351.81				
			0.00	648.48	0.00	373149.42
84+00	0	348.55				
			0.00	644.79	0.00	373794.20
84+50	0	347.82				
			0.00	644.18	0.00	374438.38
85+00	0	347.89				
			0.00	645.29	0.00	375083.67
85+50	0	349.02				
			0.00	634.88	0.00	375718.55
86+00	0	336.65				
			0.00	597.47	0.00	376316.02
86+50	0	308.62				
			0.00	554.63	0.00	376870.65
87+00	0	290.38				
			0.00	535.11	0.00	377405.76
87+50	0	287.54				
			0.00	517.36	0.00	377923.12
88+00	0	271.21				
			0.00	464.09	0.00	378387.21
88+50	0	230.01				
			0.00	386.47	0.00	378773.69
89+00	0	187.38				
			0.00	328.28	0.00	379101.96
89+50	0	167.16				
			0.00	300.35	0.00	379402.31

90+00	0	157.22				
			0.00	291.19	0.00	379693.50
90+50	0	157.26				
			0.00	298.26	0.00	379991.76
91+00	0	164.86				
			0.00	300.41	0.00	380292.17
91+50	0	159.58				
			0.00	293.02	0.00	380585.19
92+00	0	156.88				
			0.00	169.73	0.00	380754.92
92+50	0	26.43				
			0.00	33.47	0.00	380788.39
93+00	0	9.72				
			2.06	10.84	2.06	380799.23
93+50	2.22	1.99				
			16.41	1.84	18.46	380801.07
94+00	15.5	0				
			40.31	0.00	58.78	380801.07
94+50	28.04	0				
			66.66	0.00	125.44	380801.07
95+00	43.95	0				
			113.01	0.00	238.44	380801.07
95+50	78.1	0				
			147.87	0.00	386.31	380801.07
96+00	81.6	0				
			148.28	0.00	534.59	380801.07
96+50	78.54	0				
			101.71	0.00	636.31	380801.07
97+00	31.31	0				
			28.99	41.75	665.30	380842.82
97+50	0	45.09				
			0.00	177.44	665.30	381020.26
98+00	0	146.54				
			0.00	369.31	665.30	381389.56
98+50	0	252.31				
			0.00	559.44	665.30	381949.00
99+00	0	351.88				
			0.00	719.46	665.30	382668.46
99+50	0	425.14				
			0.00	808.95	665.30	383477.42
100+00	0	448.53				
			0.00	797.06	665.30	384274.47
100+50	0	412.29				
			0.00	681.51	665.30	384955.98
101+00	0	323.74				
			0.00	507.22	665.30	385463.20
101+50	0	224.06				
			0.00	330.33	665.30	385793.54
102+00	0	132.7				
			0.00	171.27	665.30	385964.81
102+50	0	52.27				
			18.14	48.92	683.44	386013.72

103+00	19.59	0.56				
			103.98	0.52	787.42	386014.24
103+50	92.71	0				
			249.26	0.00	1036.68	386014.24
104+00	176.49	0				
			408.32	0.00	1445.00	386014.24
104+50	264.5	0				
			555.93	0.00	2000.93	386014.24
105+00	335.9	0				
			663.61	0.00	2664.54	386014.24
105+50	380.8	0				
			713.17	0.00	3377.70	386014.24
106+00	389.42	0				
			709.23	0.00	4086.94	386014.24
106+50	376.55	0				
			657.07	0.00	4744.01	386014.24
107+00	333.09	0				
			517.06	0.00	5261.07	386014.24
107+50	225.34	0				
			307.42	0.00	5568.49	386014.24
108+00	106.67	0				
			110.24	0.39	5678.73	386014.63
108+50	12.39	0.42				
			11.47	79.73	5690.20	386094.36
109+00	0	85.69				
			0.00	302.23	5690.20	386396.59
109+50	0	240.72				
			0.00	604.07	5690.20	387000.67
110+00	0	411.68				
			0.00	878.54	5690.20	387879.20
110+50	0	537.14				
			0.00	1106.31	5690.20	388985.52
111+00	0	657.68				
			0.00	1319.31	5690.20	390304.83
111+50	0	767.18				
			0.00	1485.56	5690.20	391790.39
112+00	0	837.22				
			0.00	1451.46	5690.20	393241.85
112+50	0	730.36				
			0.00	1140.46	5690.20	394382.31
113+00	0	501.34				
			0.00	754.91	5690.20	395137.22
113+50	0	313.96				
			0.00	464.32	5690.20	395601.55
114+00	0	187.51				
			0.00	283.20	5690.20	395884.75
114+50	0	118.35				
			0.00	187.00	5690.20	396071.75
115+00	0	83.61				
			0.00	138.18	5690.20	396209.93
115+50	0	65.62				
			0.00	112.52	5690.20	396322.44

116+00	0	55.9				
			0.00	102.70	5690.20	396425.15
116+50	0	55.02				
			0.00	106.61	5690.20	396531.76
117+00	0	60.12				
			0.00	126.49	5690.20	396658.25
117+50	0	76.49				
			0.00	170.69	5690.20	396828.94
118+00	0	107.86				
			0.00	267.68	5690.20	397096.62
118+50	0	181.23				
			0.00	446.97	5690.20	397543.59
119+00	0	301.5				
			0.00	751.13	5690.20	398294.72
119+50	0	509.72				
			0.00	1178.59	5690.20	399473.31
120+00	0	763.16				
			0.00	1632.29	5690.20	401105.60
120+50	0	999.71				
			0.00	2089.96	5690.20	403195.56
121+00	0	1257.45				
			0.00	2557.95	5690.20	405753.52
121+50	0	1505.14				
			0.00	2964.04	5690.20	408717.56
122+00	0	1696.02				
			0.00	3253.59	5690.20	411971.15
122+50	0	1817.86				
			0.00	3450.44	5690.20	415421.58
123+00	0	1908.61				
			0.00	3568.79	5690.20	418990.37
123+50	0	1945.68				
			0.00	3616.00	5690.20	422606.37
124+00	0	1959.6				
			0.00	3626.00	5690.20	426232.37
124+50	0	1956.48				
			0.00	3603.71	5690.20	429836.08
125+00	0	1935.53				
			0.00	3550.81	5690.20	433386.90
125+50	0	1899.35				
			0.00	3467.06	5690.20	436853.96
126+00	0	1845.08				
			0.00	3340.26	5690.20	440194.22
126+50	0	1762.4				
			0.00	3217.26	5690.20	443411.48
127+00	0	1712.24				
			0.00	3180.36	5690.20	446591.84
127+50	0	1722.55				
			0.00	3198.59	5690.20	449790.44
128+00	0	1731.93				
			0.00	3201.51	5690.20	452991.94
128+50	0	1725.7				
			0.00	3154.92	5690.20	456146.86

129+00	0	1681.61				
			0.00	3049.18	5690.20	459196.04
129+50	0	1611.5				
			0.00	2889.84	5690.20	462085.88
130+00	0	1509.53				
			0.00	2657.84	5690.20	464743.72
130+50	0	1360.94				
			0.00	2311.00	5690.20	467054.72
131+00	0	1134.94				
			0.00	1816.30	5690.20	468871.02
131+50	0	826.66				
			0.00	1203.56	5690.20	470074.58
132+00	0	473.19				
			0.00	539.95	5690.20	470614.54
132+50	0	109.96				
			115.19	101.81	5805.40	470716.35
133+00	124.41	0				
			432.44	0.00	6237.83	470716.35
133+50	342.62	0				
			813.08	0.00	7050.92	470716.35
134+00	535.51	0				
			1134.56	0.00	8185.47	470716.35
134+50	689.81	0				
			1438.32	0.00	9623.80	470716.35
135+00	863.58	0				
			1703.84	0.00	11327.64	470716.35
135+50	976.57	0				
			1837.73	0.00	13165.37	470716.35
136+00	1008.18	0				
			1845.31	0.00	15010.69	470716.35
136+50	984.76	0				
			1764.62	0.00	16775.31	470716.35
137+00	921.03	0				
			1598.06	0.00	18373.37	470716.35
137+50	804.88	0				
			1329.24	0.00	19702.61	470716.35
138+00	630.7	0				
			998.50	0.00	20701.11	470716.35
138+50	447.68	0				
			673.10	0.00	21374.21	470716.35
139+00	279.27	0				
			401.14	0.00	21775.35	470716.35
139+50	153.96	0				
			356.29	0.00	22131.64	470716.35
140+00	230.83	0				
			640.49	0.00	22772.13	470716.35
140+50	460.9	0				
			1094.05	0.00	23866.18	470716.35
141+00	720.67	0				
			1541.95	0.00	25408.13	470716.35
141+50	944.64	0				
			1909.32	0.00	27317.45	470716.35

142+00	1117.43	0				
			2205.49	0.00	29522.94	470716.35
142+50	1264.5	0				
			2454.46	0.00	31977.41	470716.35
143+00	1386.32	0				
			2656.50	0.00	34633.91	470716.35
143+50	1482.7	0				
			2837.31	0.00	37471.22	470716.35
144+00	1581.6	0				
			3028.87	0.00	40500.09	470716.35
144+50	1689.58	0				
			3219.91	0.00	43720.00	470716.35
145+00	1787.92	0				
			3343.21	0.00	47063.21	470716.35
145+50	1822.75	0				
			3272.68	0.00	50335.89	470716.35
146+00	1711.74	0				
			2929.02	0.00	53264.91	470716.35
146+50	1451.6	0				
			2403.21	0.00	55668.12	470716.35
147+00	1143.87	0				
			1838.31	0.00	57506.43	470716.35
147+50	841.5	0				
			1281.42	0.00	58787.84	470716.35
148+00	542.43	0				
			817.88	0.00	59605.72	470716.35
148+50	340.88	0				
			515.47	0.00	60121.19	470716.35
149+00	215.83	0				
			339.65	0.00	60460.84	470716.35
149+50	150.99	0				
			285.02	0.00	60745.86	470716.35
150+00	156.83	0				
			350.19	0.00	61096.06	470716.35
150+50	221.38	0				
			498.90	0.00	61594.95	470716.35
151+00	317.43	0				
			669.60	0.00	62264.56	470716.35
151+50	405.74	0				
			819.31	0.00	63083.87	470716.35
152+00	479.12	0				
			956.79	0.00	64040.66	470716.35
152+50	554.21	0				
			1104.60	0.00	65145.26	470716.35
153+00	638.76	0				
			1246.27	0.00	66391.53	470716.35
153+50	707.21	0				
			1339.05	0.00	67730.57	470716.35
154+00	738.96	0				
			1354.43	0.00	69085.00	470716.35
154+50	723.82	0				
			1290.88	0.00	70375.88	470716.35

155+00	670.33	0				
			1170.17	0.00	71546.05	470716.35
155+50	593.45	0				
			1014.56	0.00	72560.61	470716.35
156+00	502.28	0				
			845.41	0.00	73406.02	470716.35
156+50	410.76	0				
			678.19	0.00	74084.21	470716.35
157+00	321.69	0				
			509.10	0.00	74593.31	470716.35
157+50	228.14	0				
			328.93	0.00	74922.24	470716.35
158+00	127.1	0				
			128.97	1.13	75051.21	470717.48
158+50	12.19	1.22				
			11.29	123.36	75062.50	470840.84
159+00	0	132.01				
			0.00	299.77	75062.50	471140.61
159+50	0	191.74				
			0.00	264.48	75062.50	471405.09
160+00	0	93.9				
			2.93	87.82	75065.43	471492.92
160+50	3.16	0.95				
			82.44	0.88	75147.87	471493.80
161+00	85.88	0				
			229.07	0.00	75376.94	471493.80
161+50	161.52	0				
			353.69	0.00	75730.64	471493.80
162+00	220.47	0				
			450.56	0.00	76181.20	471493.80
162+50	266.14	0				
			538.97	0.00	76720.18	471493.80
163+00	315.95	0				
			635.50	0.00	77355.68	471493.80
163+50	370.39	0				
			708.85	0.00	78064.53	471493.80
164+00	395.17	0				
			725.80	0.00	78790.32	471493.80
164+50	388.69	0				
			706.75	0.00	79497.07	471493.80
165+00	374.6	0				
			655.06	0.00	80152.13	471493.80
165+50	332.86	0				
			557.12	0.00	80709.25	471493.80
166+00	268.83	0				
			435.72	0.00	81144.97	471493.80
166+50	201.75	0				
			309.53	0.00	81454.50	471493.80
167+00	132.54	0				
			178.04	0.00	81632.54	471493.80
167+50	59.74	0				
			55.31	6.04	81687.85	471499.83

168+00	0	6.52				
			0.00	61.75	81687.85	471561.58
168+50	0	60.17				
			0.00	137.77	81687.85	471699.35
169+00	0	88.62				
			0.00	166.91	81687.85	471866.26
169+50	0	91.64				
			0.00	164.19	81687.85	472030.44
170+00	0	85.68				
			0.00	151.75	81687.85	472182.19
170+50	0	78.21				
			0.00	139.36	81687.85	472321.56
171+00	0	72.3				
			0.00	127.32	81687.85	472448.88
171+50	0	65.21				
			0.00	115.78	81687.85	472564.66
172+00	0	59.83				
			0.00	114.69	81687.85	472679.34
172+50	0	64.03				
			0.00	93.07	81687.85	472772.42
173+00	0	36.49				
			17.55	33.79	81705.40	472806.20
173+50	18.95	0				
			94.02	0.00	81799.42	472806.20
174+00	82.59	0				
			213.95	0.00	82013.37	472806.20
174+50	148.48	0				
			328.11	0.00	82341.48	472806.20
175+00	205.88	0				
			423.00	0.00	82764.48	472806.20
175+50	250.96	0				
			511.71	0.00	83276.19	472806.20
176+00	301.69	0				
			614.90	0.00	83891.09	472806.20
176+50	362.4	0				
			742.48	0.00	84633.57	472806.20
177+00	439.48	0				
			902.04	0.00	85535.61	472806.20
177+50	534.72	0				
			1085.74	0.00	86621.35	472806.20
178+00	637.88	0				
			1285.10	0.00	87906.45	472806.20
178+50	750.03	0				
			1497.35	0.00	89403.81	472806.20
179+00	867.11	0				
			1706.69	0.00	91110.49	472806.20
179+50	976.11	0				
			1883.53	0.00	92994.02	472806.20
180+00	1058.1	0				
			1985.02	0.00	94979.04	472806.20
180+50	1085.72	0				
			2005.50	0.00	96984.54	472806.20

181+00	1080.22	0				
			1938.53	0.00	98923.06	472806.20
181+50	1013.39	0				
			1784.51	0.00	100707.57	472806.20
182+00	913.88	0				
			1625.38	0.00	102332.95	472806.20
182+50	841.53	0				
			1502.21	0.00	103835.17	472806.20
183+00	780.86	0				
			1374.83	0.00	105210.00	472806.20
183+50	703.96	0				
			1231.83	0.00	106441.83	472806.20
184+00	626.42	0				
			1095.90	0.00	107537.73	472806.20
184+50	557.15	0				
			981.06	0.00	108518.80	472806.20
185+00	502.4	0				
			883.44	0.00	109402.24	472806.20
185+50	451.72	0				
			794.09	0.00	110196.33	472806.20
186+00	405.9	0				
			723.75	0.00	110920.08	472806.20
186+50	375.75	0				
			669.34	0.00	111589.43	472806.20
187+00	347.14	0				
			618.95	0.00	112208.38	472806.20
187+50	321.33	0				
			575.28	0.00	112783.66	472806.20
188+00	299.97	0				
			539.11	0.00	113322.77	472806.20
188+50	282.27	0				
			511.72	0.00	113834.49	472806.20
189+00	270.39	0				
			497.41	0.00	114331.90	472806.20
189+50	266.81	0				
			494.06	0.00	114825.96	472806.20
190+00	266.78	0				
			491.93	0.00	115317.89	472806.20
190+50	264.5	0				
			483.61	0.00	115801.50	472806.20
191+00	257.8	0				
			470.14	0.00	116271.64	472806.20
191+50	249.95	0				
			460.10	0.00	116731.74	472806.20
192+00	246.96	0				
			461.44	0.00	117193.19	472806.20
192+50	251.4	0				
			472.44	0.00	117665.62	472806.20
193+00	258.83	0				
			468.50	0.00	118134.12	472806.20
193+50	247.15	0				
			447.94	0.00	118582.06	472806.20

194+00	236.63	0				
			421.14	0.00	119003.20	472806.20
194+50	218.2	0				
			384.92	0.00	119388.12	472806.20
195+00	197.51	0				
			383.29	0.00	119771.41	472806.20
195+50	216.44	0				
			408.49	0.00	120179.90	472806.20
196+00	224.73	0				
			418.63	0.00	120598.53	472806.20
196+50	227.39	0				
			435.77	0.00	121034.30	472806.20
197+00	243.24	0				
			467.35	0.00	121501.65	472806.20
197+50	261.5	0				
			499.25	0.00	122000.90	472806.20
198+00	277.69	0				
			531.06	0.00	122531.95	472806.20
198+50	295.85	0				
			562.58	0.00	123094.54	472806.20
199+00	311.74	0				
			591.82	0.00	123686.36	472806.20
199+50	327.43	0				
			622.30	0.00	124308.66	472806.20
200+00	344.65	0				
			655.53	0.00	124964.19	472806.20
200+50	363.32	0				
			688.01	0.00	125652.19	472806.20
201+00	379.73	0				
			717.15	0.00	126369.34	472806.20
201+50	394.79	0				
			747.04	0.00	127116.38	472806.20
202+00	412.01	0				
			778.15	0.00	127894.53	472806.20
202+50	428.39	0				
			808.30	0.00	128702.82	472806.20
203+00	444.57	0				
			828.15	0.00	129530.97	472806.20
203+50	449.83	0				
			831.30	0.00	130362.27	472806.20
204+00	447.97	0				
			825.17	0.00	131187.44	472806.20
204+50	443.21	0				
			814.59	0.00	132002.03	472806.20
205+00	436.55	0				
			797.43	0.00	132799.45	472806.20
205+50	424.67	0				
			768.99	0.00	133568.44	472806.20
206+00	405.84	0				
			728.08	0.00	134296.53	472806.20
206+50	380.49	0				
			709.33	0.00	135005.86	472806.20

207+00	385.59	0				
			720.21	0.00	135726.07	472806.20
207+50	392.24	0				
			709.56	0.00	136435.63	472806.20
208+00	374.08	0				
			663.98	0.00	137099.61	472806.20
208+50	343.02	0				
			613.82	0.00	137713.44	472806.20
209+00	319.91	0				
			576.42	0.00	138289.85	472806.20
209+50	302.62	0				
			543.83	0.00	138833.69	472806.20
210+00	284.72	0				
			506.10	0.00	139339.79	472806.20
210+50	261.87	0				
			457.56	0.00	139797.35	472806.20
211+00	232.3	0				
			403.06	0.00	140200.41	472806.20
211+50	203	0				
			351.69	0.00	140552.09	472806.20
212+00	176.82	0				
			306.82	0.00	140858.92	472806.20
212+50	154.55	0				
			265.62	0.00	141124.54	472806.20
213+00	132.32	0				
			223.95	0.00	141348.49	472806.20
213+50	109.55	0				
			183.57	0.00	141532.06	472806.20
214+00	88.71	0				
			144.85	0.00	141676.92	472806.20
214+50	67.73	0				
			103.08	0.00	141780.00	472806.20
215+00	43.6	0				
			59.64	0.00	141839.64	472806.20
215+50	20.81	0				
			20.30	0.02	141859.94	472806.22
216+00	1.11	0.02				
			1.03	24.70	141860.96	472830.93
216+50	0	26.66				
			0.00	94.56	141860.96	472925.48
217+00	0	75.46				
			0.00	187.80	141860.96	473113.28
217+50	0	127.36				
			0.00	242.62	141860.96	473355.90
218+00	0	134.67				
			0.00	208.56	141860.96	473564.46
218+50	0	90.58				
			0.00	116.21	141860.96	473680.68
219+00	0	34.93				
			9.06	33.12	141870.03	473713.80
219+50	9.79	0.84				
			72.07	0.78	141942.10	473714.57

220+00	68.05	0				
			156.74	0.00	142098.84	473714.57
220+50	101.23	0				
			208.68	0.00	142307.52	473714.57
221+00	124.14	0				
			234.37	0.00	142541.89	473714.57
221+50	128.98	0				
			241.31	0.00	142783.19	473714.57
222+00	131.63	0				
			253.27	0.00	143036.46	473714.57
222+50	141.9	0				
			266.78	0.00	143303.24	473714.57
223+00	146.22	0				
			272.30	0.00	143575.54	473714.57
223+50	147.86	0				
			273.92	0.00	143849.45	473714.57
224+00	147.97	0				
			270.31	0.00	144119.77	473714.57
224+50	143.97	0				
			261.65	0.00	144381.42	473714.57
225+00	138.61	0				
			249.06	0.00	144630.48	473714.57
225+50	130.38	0				
			229.81	0.00	144860.30	473714.57
226+00	117.82	0				
			200.58	0.00	145060.88	473714.57
226+50	98.81	0				
			162.98	0.00	145223.86	473714.57
227+00	77.21	0				
			122.08	0.00	145345.94	473714.57
227+50	54.64	0				
			80.70	0.00	145426.65	473714.57
228+00	32.52	0				
			40.38	0.00	145467.03	473714.57
228+50	11.09	0				
			10.27	7.06	145477.30	473721.64
229+00	0	7.63				
			0.00	32.60	145477.30	473754.24
229+50	0	27.58				
			0.00	85.69	145477.30	473839.94
230+00	0	64.97				
			0.00	159.60	145477.30	473999.54
230+50	0	107.4				
			0.00	241.84	145477.30	474241.38
231+00	0	153.79				
			0.00	329.47	145477.30	474570.85
231+50	0	202.04				
			0.00	415.42	145477.30	474986.27
232+00	0	246.61				
			0.00	495.06	145477.30	475481.33
232+50	0	288.06				
			0.00	573.76	145477.30	476055.09

233+00	0	331.6				
			0.00	657.57	145477.30	476712.67
233+50	0	378.58				
			0.00	746.61	145477.30	477459.28
234+00	0	427.76				
			0.00	837.44	145477.30	478296.71
234+50	0	476.67				
			0.00	929.23	145477.30	479225.94
235+00	0	526.9				
			0.00	1025.13	145477.30	480251.07
235+50	0	580.24				
			0.00	1130.68	145477.30	481381.75
236+00	0	640.89				
			0.00	1247.23	145477.30	482628.98
236+50	0	706.12				
			0.00	1358.16	145477.30	483987.14
237+00	0	760.69				
			0.00	1436.06	145477.30	485423.20
237+50	0	790.26				
			0.00	1360.55	145477.30	486783.75
238+00	0	679.13				
			0.00	851.74	145477.30	487635.49
238+50	0	240.75				
			0.00	247.00	145477.30	487882.49
239+00	0	26.01				
			38.10	24.08	145515.40	487906.57
239+50	41.15	0				
			125.53	0.00	145640.93	487906.57
240+00	94.42	0				
			241.69	0.00	145882.61	487906.57
240+50	166.6	0				
			367.30	0.00	146249.91	487906.57
241+00	230.08	0				
			458.16	0.00	146708.06	487906.57
241+50	264.73	0				
			506.53	0.00	147214.59	487906.57
242+00	282.32	0				
			531.32	0.00	147745.92	487906.57
242+50	291.51	0				
			538.98	0.00	148284.90	487906.57
243+00	290.59	0				
			534.31	0.00	148819.21	487906.57
243+50	286.47	0				
			523.85	0.00	149343.06	487906.57
244+00	279.29	0				
			508.69	0.00	149851.75	487906.57
244+50	270.09	0				
			490.55	0.00	150342.30	487906.57
245+00	259.7	0				
			470.94	0.00	150813.23	487906.57
245+50	248.91	0				
			450.38	0.00	151263.61	487906.57

246+00	237.5	0				
			429.59	0.00	151693.20	487906.57
246+50	226.46	0				
			409.44	0.00	152102.65	487906.57
247+00	215.74	0				
			388.05	0.00	152490.69	487906.57
247+50	203.35	0				
			366.48	0.00	152857.18	487906.57
248+00	192.45	0				
			346.32	0.00	153203.50	487906.57
248+50	181.58	0				
			326.10	0.00	153529.60	487906.57
249+00	170.61	0				
			305.43	0.00	153835.03	487906.57
249+50	159.25	0				
			284.54	0.00	154119.56	487906.57
250+00	148.05	0				
			263.84	0.00	154383.41	487906.57
250+50	136.9	0				
			244.01	0.00	154627.42	487906.57
251+00	126.63	0				
			226.02	0.00	154853.44	487906.57
251+50	117.47	0				
			207.43	0.00	155060.86	487906.57
252+00	106.55	0				
			187.00	0.00	155247.86	487906.57
252+50	95.41	0				
			166.16	0.00	155414.02	487906.57
253+00	84.04	0				
			146.42	0.00	155560.44	487906.57
253+50	74.09	0				
			129.15	0.00	155689.58	487906.57
254+00	65.39	0				
			114.03	0.00	155803.61	487906.57
254+50	57.76	0				
			98.80	0.00	155902.41	487906.57
255+00	48.94	0				
			82.66	0.00	155985.06	487906.57
255+50	40.33	0				
			67.23	0.00	156052.30	487906.57
256+00	32.28	0				
			52.57	0.00	156104.87	487906.57
256+50	24.5	0				
			37.45	0.00	156142.32	487906.57
257+00	15.95	0				
			21.41	0.00	156163.73	487906.57
257+50	7.17	0				
			7.08	0.78	156170.81	487907.35
258+00	0.48	0.84				
			0.44	7.74	156171.26	487915.09
258+50	0	7.52				
			0.00	19.96	156171.26	487935.06

259+00	0	14.04				
			0.00	31.44	156171.26	487966.50
259+50	0	19.92				
			0.00	41.89	156171.26	488008.39
260+00	0	25.32				
			0.00	51.31	156171.26	488059.69
260+50	0	30.09				
			0.00	59.48	156171.26	488119.18
261+00	0	34.15				
			0.00	67.41	156171.26	488186.58
261+50	0	38.65				
			0.00	75.24	156171.26	488261.82
262+00	0	42.61				
			0.00	83.59	156171.26	488345.42
262+50	0	47.67				
			0.00	93.62	156171.26	488439.04
263+00	0	53.44				
			0.00	104.64	156171.26	488543.68
263+50	0	59.57				
			0.00	116.45	156171.26	488660.13
264+00	0	66.2				
			0.00	127.70	156171.26	488787.83
264+50	0	71.72				
			0.00	137.11	156171.26	488924.94
265+00	0	76.36				
			0.00	145.90	156171.26	489070.84
265+50	0	81.21				
			0.00	155.63	156171.26	489226.47
266+00	0	86.87				
			0.00	167.11	156171.26	489393.58
266+50	0	93.61				
			0.00	176.46	156171.26	489570.05
267+00	0	96.97				
			0.00	181.84	156171.26	489751.89
267+50	0	99.42				
			0.00	185.71	156171.26	489937.60
268+00	0	101.15				
			0.00	189.31	156171.26	490126.91
268+50	0	103.3				
			0.00	192.72	156171.26	490319.63
269+00	0	104.84				
			0.00	191.94	156171.26	490511.57
269+50	0	102.46				
			0.00	184.90	156171.26	490696.47
270+00	0	97.23				
			0.00	177.11	156171.26	490873.58
270+50	0	94.05				
			0.00	175.00	156171.26	491048.58
271+00	0	94.95				
			0.00	179.13	156171.26	491227.71
271+50	0	98.51				
			0.00	185.62	156171.26	491413.33

272+00	0	101.96				
			0.00	189.73	156171.26	491603.06
272+50	0	102.95				
			0.00	187.08	156171.26	491790.15
273+00	0	99.1				
			0.00	179.47	156171.26	491969.62
273+50	0	94.73				
			0.00	176.81	156171.26	492146.44
274+00	0	96.23				
			0.00	180.87	156171.26	492327.31
274+50	0	99.11				
			0.00	181.37	156171.26	492508.68
275+00	0	96.77				
			0.00	176.13	156171.26	492684.81
275+50	0	93.45				
			0.00	174.56	156171.26	492859.36
276+00	0	95.07				
			0.00	180.66	156171.26	493040.02
276+50	0	100.04				
			0.00	189.41	156171.26	493229.43
277+00	0	104.52				
			0.00	194.88	156171.26	493424.31
277+50	0	105.95				
			0.00	195.69	156171.26	493619.99
278+00	0	105.39				
			0.00	195.76	156171.26	493815.75
278+50	0	106.03				
			0.00	199.22	156171.26	494014.97
279+00	0	109.13				
			0.00	207.27	156171.26	494222.24
279+50	0	114.72				
			0.00	218.94	156171.26	494441.18
280+00	0	121.73				
			0.00	233.04	156171.26	494674.21
280+50	0	129.95				
			0.00	249.47	156171.26	494923.69
281+00	0	139.48				
			0.00	267.81	156171.26	495191.49
281+50	0	149.75				
			0.00	286.06	156171.26	495477.55
282+00	0	159.19				
			0.00	303.66	156171.26	495781.20
282+50	0	168.76				
			0.00	320.89	156171.26	496102.09
283+00	0	177.8				
			0.00	336.87	156171.26	496438.96
283+50	0	186.02				
			0.00	352.39	156171.26	496791.35
284+00	0	194.56				
			0.00	368.24	156171.26	497159.59
284+50	0	203.14				
			0.00	383.60	156171.26	497543.19

285+00	0	211.15				
			0.00	397.81	156171.26	497941.01
285+50	0	218.49				
			0.00	408.99	156171.26	498350.00
286+00	0	223.22				
			0.00	417.25	156171.26	498767.25
286+50	0	227.41				
			0.00	425.07	156171.26	499192.32
287+00	0	231.67				
			0.00	430.57	156171.26	499622.90
287+50	0	233.35				
			0.00	432.71	156171.26	500055.61
288+00	0	233.98				
			0.00	432.76	156171.26	500488.37
288+50	0	233.4				
			0.00	432.05	156171.26	500920.42
289+00	0	233.21				
			0.00	433.69	156171.26	501354.11
289+50	0	235.18				
			0.00	439.31	156171.26	501793.42
290+00	0	239.27				
			0.00	449.55	156171.26	502242.96
290+50	0	246.24				
			0.00	460.63	156171.26	502703.59
291+00	0	251.24				
			0.00	466.44	156171.26	503170.03
291+50	0	252.51				
			0.00	465.93	156171.26	503635.95
292+00	0	250.69				
			0.00	458.87	156171.26	504094.82
292+50	0	244.89				
			0.00	448.87	156171.26	504543.69
293+00	0	239.89				
			0.00	440.36	156171.26	504984.06
293+50	0	235.7				
			0.00	430.95	156171.26	505415.01
294+00	0	229.73				
			0.00	417.43	156171.26	505832.44
294+50	0	221.09				
			0.00	401.48	156171.26	506233.92
295+00	0	212.51				
			0.00	383.12	156171.26	506617.04
295+50	0	201.26				
			0.00	361.51	156171.26	506978.55
296+00	0	189.17				
			0.00	339.66	156171.26	507318.20
296+50	0	177.66				
			0.00	326.90	156171.26	507645.10
297+00	0	175.39				
			0.00	323.87	156171.26	507968.97
297+50	0	174.39				
			0.00	325.72	156171.26	508294.69

298+00	0	177.39				
			0.00	330.84	156171.26	508625.54
298+50	0	179.92				
			0.00	329.31	156171.26	508954.84
299+00	0	175.73				
			0.00	320.44	156171.26	509275.29
299+50	0	170.35				
			0.00	307.04	156171.26	509582.32
300+00	0	161.25				
			0.00	289.82	156171.26	509872.15
300+50	0	151.76				
			0.00	271.68	156171.26	510143.82
301+00	0	141.65				
			0.00	252.76	156171.26	510396.58
301+50	0	131.33				
			0.00	235.44	156171.26	510632.03
302+00	0	122.95				
			0.00	220.70	156171.26	510852.73
302+50	0	115.41				
			0.00	207.73	156171.26	511060.46
303+00	0	108.94				
			0.00	195.80	156171.26	511256.26
303+50	0	102.52				
			0.00	184.53	156171.26	511440.79
304+00	0	96.77				
			0.00	174.96	156171.26	511615.75
304+50	0	92.19				
			0.00	167.19	156171.26	511782.94
305+00	0	88.38				
			0.00	160.78	156171.26	511943.72
305+50	0	85.26				
			0.00	154.91	156171.26	512098.63
306+00	0	82.04				
			0.00	149.48	156171.26	512248.11
306+50	0	79.4				
			0.00	144.64	156171.26	512392.75
307+00	0	76.81				
			0.00	139.44	156171.26	512532.19
307+50	0	73.78				
			0.00	133.94	156171.26	512666.13
308+00	0	70.88				
			0.00	128.57	156171.26	512794.70
308+50	0	67.98				
			0.00	123.60	156171.26	512918.31
309+00	0	65.51				
			0.00	119.19	156171.26	513037.50
309+50	0	63.22				
			0.00	114.99	156171.26	513152.49
310+00	0	60.97				
			0.00	110.69	156171.26	513263.18
310+50	0	58.57				
			0.00	106.46	156171.26	513369.64

311+00	0	56.41				
			0.00	102.47	156171.26	513472.11
311+50	0	54.26				
			0.00	98.55	156171.26	513570.66
312+00	0	52.17				
			0.00	94.72	156171.26	513665.38
312+50	0	50.13				
			0.00	90.90	156171.26	513756.28
313+00	0	48.04				
			0.00	87.23	156171.26	513843.51
313+50	0	46.17				
			0.00	83.13	156171.26	513926.64
314+00	0	43.61				
			0.00	79.02	156171.26	514005.66
314+50	0	41.73				
			0.00	76.19	156171.26	514081.85
315+00	0	40.56				
			0.00	72.96	156171.26	514154.81
315+50	0	38.24				
			0.00	68.65	156171.26	514223.46
316+00	0	35.9				
			0.00	64.07	156171.26	514287.54
316+50	0	33.3				
			0.00	59.31	156171.26	514346.85
317+00	0	30.76				
			0.00	54.26	156171.26	514401.11
317+50	0	27.84				
			0.00	49.27	156171.26	514450.38
318+00	0	25.37				
			0.00	45.26	156171.26	514495.64
318+50	0	23.51				
			0.00	41.76	156171.26	514537.40
319+00	0	21.59				
			0.00	38.31	156171.26	514575.71
319+50	0	19.79				
			0.00	35.77	156171.26	514611.48
320+00	0	18.84				
			0.00	34.29	156171.26	514645.77
320+50	0	18.19				
			0.00	33.16	156171.26	514678.93
321+00	0	17.62				
			0.00	32.55	156171.26	514711.47
321+50	0	17.53				
			0.00	33.12	156171.26	514744.59
322+00	0	18.24				
			0.00	34.46	156171.26	514779.06
322+50	0	18.98				
			0.00	35.87	156171.26	514814.93
323+00	0	19.76				
			0.00	37.64	156171.26	514852.56
323+50	0	20.89				
			0.00	39.86	156171.26	514892.43

324+00	0	22.16				
			0.00	42.85	156171.26	514935.28
324+50	0	24.12				
			0.00	46.48	156171.26	514981.76
325+00	0	26.08				
			0.00	49.73	156171.26	515031.49
325+50	0	27.63				
			0.00	52.60	156171.26	515084.09
326+00	0	29.18				
			0.00	55.12	156171.26	515139.21
326+50	0	30.35				
			0.00	57.02	156171.26	515196.23
327+00	0	31.23				
			0.00	58.86	156171.26	515255.09
327+50	0	32.34				
			0.00	61.14	156171.26	515316.23
328+00	0	33.69				
			0.00	63.65	156171.26	515379.88
328+50	0	35.05				
			0.00	66.04	156171.26	515445.92
329+00	0	36.27				
			0.00	67.72	156171.26	515513.64
329+50	0	36.87				
			0.00	68.72	156171.26	515582.36
330+00	0	37.35				
			0.00	69.76	156171.26	515652.12
330+50	0	37.99				
			0.00	71.14	156171.26	515723.26
331+00	0	38.84				
			0.00	72.72	156171.26	515795.98
331+50	0	39.7				
			0.00	74.08	156171.26	515870.06
332+00	0	40.31				
			0.00	74.68	156171.26	515944.74
332+50	0	40.34				
			0.00	74.49	156171.26	516019.23
333+00	0	40.11				
			0.00	74.07	156171.26	516093.31
333+50	0	39.89				
			0.00	72.76	156171.26	516166.06
334+00	0	38.69				
			0.00	70.88	156171.26	516236.94
334+50	0	37.86				
			0.00	69.46	156171.26	516306.41
335+00	0	37.16				
			0.00	68.18	156171.26	516374.58
335+50	0	36.47				
			0.00	66.68	156171.26	516441.26
336+00	0	35.54				
			0.00	64.94	156171.26	516506.20
336+50	0	34.6				
			0.00	63.17	156171.26	516569.37

337+00	0	33.62				
			0.00	61.06	156171.26	516630.44
337+50	0	32.33				
			0.00	58.17	156171.26	516688.60
338+00	0	30.49				
			0.00	54.91	156171.26	516743.51
338+50	0	28.81				
			0.00	51.79	156171.26	516795.30
339+00	0	27.12				
			0.00	47.93	156171.26	516843.22
339+50	0	24.64				
			0.00	43.19	156171.26	516886.41
340+00	0	22				
			0.00	38.49	156171.26	516924.90
340+50	0	19.57				
			0.00	33.94	156171.26	516958.83
341+00	0	17.08				
			0.00	29.22	156171.26	516988.06
341+50	0	14.48				
			0.00	24.53	156171.26	517012.58
342+00	0	12.01				
			0.00	19.57	156171.26	517032.16
342+50	0	9.13				
			0.00	14.51	156171.26	517046.67
343+00	0	6.54				
			0.00	10.06	156171.26	517056.73
343+50	0	4.33				
			0.22	4.10	156171.48	517060.83
344+00	0.24	0.1				
			5.34	0.09	156176.82	517060.93
344+50	5.53	0				
			15.19	0.00	156192.02	517060.93
345+00	10.88	0				
			24.49	0.00	156216.51	517060.93
345+50	15.57	0				
			33.29	0.00	156249.80	517060.93
346+00	20.38	0				
			42.27	0.00	156292.06	517060.93
346+50	25.27	0				
			51.17	0.00	156343.23	517060.93
347+00	29.99	0				
			59.92	0.00	156403.15	517060.93
347+50	34.72	0				
			68.39	0.00	156471.54	517060.93
348+00	39.14	0				
			76.25	0.00	156547.79	517060.93
348+50	43.21	0				
			83.36	0.00	156631.15	517060.93
349+00	46.82	0				
			89.95	0.00	156721.10	517060.93
349+50	50.33	0				
			96.73	0.00	156817.83	517060.93

350+00	54.14	0				
			104.02	0.00	156921.85	517060.93
350+50	58.2	0				
			111.18	0.00	157033.03	517060.93
351+00	61.87	0				
			118.11	0.00	157151.14	517060.93
351+50	65.69	0				
			125.56	0.00	157276.69	517060.93
352+00	69.91	0				
			133.05	0.00	157409.74	517060.93
352+50	73.78	0				
			140.31	0.00	157550.06	517060.93
353+00	77.76	0				
			147.62	0.00	157697.68	517060.93
353+50	81.67	0				
			154.98	0.00	157852.66	517060.93
354+00	85.71	0				
			162.39	0.00	158015.05	517060.93
354+50	89.67	0				
			170.37	0.00	158185.42	517060.93
355+00	94.33	0				
			178.87	0.00	158364.29	517060.93
355+50	98.85	0				
			187.99	0.00	158552.28	517060.93
356+00	104.18	0				
			198.71	0.00	158750.99	517060.93
356+50	110.43	0				
			210.90	0.00	158961.89	517060.93
357+00	117.34	0				
			223.37	0.00	159185.26	517060.93
357+50	123.9	0				
			234.63	0.00	159419.89	517060.93
358+00	129.5	0				
			245.35	0.00	159665.24	517060.93
358+50	135.48	0				
			257.02	0.00	159922.26	517060.93
359+00	142.1	0				
			269.35	0.00	160191.61	517060.93
359+50	148.8	0				
			280.68	0.00	160472.29	517060.93
360+00	154.33	0				
			290.75	0.00	160763.04	517060.93
360+50	159.68	0				
			299.83	0.00	161062.87	517060.93
361+00	164.14	0				
			309.34	0.00	161372.21	517060.93
361+50	169.95	0				
			326.26	0.00	161698.47	517060.93
362+00	182.41	0				
			351.36	0.00	162049.83	517060.93
362+50	197.06	0				
			379.13	0.00	162428.96	517060.93

363+00	212.4	0				
			406.26	0.00	162835.22	517060.93
363+50	226.36	0				
			431.96	0.00	163267.19	517060.93
364+00	240.16	0				
			455.04	0.00	163722.22	517060.93
364+50	251.28	0				
			469.99	0.00	164192.21	517060.93
365+00	256.31	0				
			472.31	0.00	164664.52	517060.93
365+50	253.78	0				
			462.15	0.00	165126.67	517060.93
366+00	245.34	0				
			440.20	0.00	165566.87	517060.93
366+50	230.08	0				
			407.92	0.00	165974.79	517060.93
367+00	210.47	0				
			369.34	0.00	166344.13	517060.93
367+50	188.42	0				
			328.18	0.00	166672.31	517060.93
368+00	166.01	0				
			288.92	0.00	166961.22	517060.93
368+50	146.02	0				
			139.71	23.12	167100.94	517084.05
369+00	4.87	24.97				
			4.51	340.59	167105.44	517424.64
369+50	0	342.87				
			0.00	740.50	167105.44	518165.14
370+00	0	456.87				
			0.00	779.53	167105.44	518944.67
370+50	0	385.02				
			0.00	481.99	167105.44	519426.66
371+00	0	135.53				
			75.85	125.49	167181.30	519552.15
371+50	81.92	0				
			247.85	0.00	167429.15	519552.15
372+00	185.76	0				
			321.67	0.00	167750.81	519552.15
372+50	161.64	0				
			268.93	0.00	168019.74	519552.15
373+00	128.8	0				
			222.24	0.00	168241.98	519552.15
373+50	111.22	0				
			199.68	0.00	168441.66	519552.15
374+00	104.43	0				
			209.31	0.00	168650.96	519552.15
374+50	121.62	0				
			254.94	0.00	168905.90	519552.15
375+00	153.71	0				
			299.41	0.00	169205.31	519552.15
375+50	169.65	0				
			325.77	0.00	169531.07	519552.15

376+00	182.18	0				
			344.43	0.00	169875.50	519552.15
376+50	189.8	0				
			354.06	0.00	170229.56	519552.15
377+00	192.58	0				
			352.34	0.00	170581.90	519552.15
377+50	187.95	0				
			340.38	0.00	170922.28	519552.15
378+00	179.66	0				
			322.73	0.00	171245.01	519552.15
378+50	168.89	0				
			303.13	0.00	171548.14	519552.15
379+00	158.49	0				
			281.40	0.00	171829.54	519552.15
379+50	145.42	0				
			254.32	0.00	172083.86	519552.15
380+00	129.25	0				
			223.48	0.00	172307.34	519552.15
380+50	112.11	0				
			189.69	0.00	172497.03	519552.15
381+00	92.75	0				
			150.60	0.00	172647.63	519552.15
381+50	69.9	0				
			105.31	0.00	172752.94	519552.15
382+00	43.84	0				
			59.46	0.00	172812.41	519552.15
382+50	20.38	0				
			18.87	3.83	172831.28	519555.98
383+00	0	4.14				
			0.00	29.61	172831.28	519585.59
383+50	0	27.84				
			0.00	64.25	172831.28	519649.84
384+00	0	41.55				
			0.00	81.74	172831.28	519731.58
384+50	0	46.73				
			0.00	86.69	172831.28	519818.28
385+00	0	46.9				
			0.00	79.66	172831.28	519897.94
385+50	0	39.13				
			0.00	65.81	172831.28	519963.74
386+00	0	31.94				
			0.00	53.01	172831.28	520016.75
386+50	0	25.31				
			0.00	40.38	172831.28	520057.13
387+00	0	18.3				
			0.00	26.24	172831.28	520083.37
387+50	0	10.04				
			0.00	11.56	172831.28	520094.94
388+00	0	2.45				
			2.02	2.27	172833.30	520097.20
388+50	2.18	0				
			5.48	0.00	172838.78	520097.20

389+00	3.74	0				
			5.08	0.00	172843.86	520097.20
389+50	1.75	0				
			1.62	2.77	172845.48	520099.97
390+00	0	2.99				
			0.00	12.34	172845.48	520112.31
390+50	0	10.34				
			0.00	22.97	172845.48	520135.29
391+00	0	14.47				
			0.00	29.68	172845.48	520164.96
391+50	0	17.58				
			0.00	36.00	172845.48	520200.96
392+00	0	21.3				
			0.00	42.68	172845.48	520243.64
392+50	0	24.79				
			0.00	48.71	172845.48	520292.35
393+00	0	27.82				
			0.00	52.80	172845.48	520345.15
393+50	0	29.2				
			0.00	51.13	172845.48	520396.28
394+00	0	26.02				
			0.00	44.23	172845.48	520440.51
394+50	0	21.75				
			0.00	36.00	172845.48	520476.51
395+00	0	17.13				
			0.00	28.60	172845.48	520505.11
395+50	0	13.76				
			0.00	23.17	172845.48	520528.28
396+00	0	11.26				
			0.00	18.49	172845.48	520546.77
396+50	0	8.71				
			0.12	12.91	172845.60	520559.68
397+00	0.13	5.23				
			2.65	5.84	172848.25	520565.52
397+50	2.73	1.08				
			13.78	1.00	172862.03	520566.52
398+00	12.15	0				
			38.69	0.00	172900.71	520566.52
398+50	29.63	0				
			76.74	0.00	172977.45	520566.52
399+00	53.25	0				
			122.69	0.00	173100.15	520566.52
399+50	79.26	0				
			164.62	0.00	173264.77	520566.52
400+00	98.53	0				
			197.60	0.00	173462.37	520566.52
400+50	114.88	0				
			219.28	0.00	173681.65	520566.52
401+00	121.94	0				
			225.00	0.00	173906.65	520566.52
401+50	121.06	0				
			222.30	0.00	174128.94	520566.52

402+00	119.02	0				
			217.56	0.00	174346.51	520566.52
402+50	115.95	0				
			211.56	0.00	174558.06	520566.52
403+00	112.53	0				
			205.15	0.00	174763.21	520566.52
403+50	109.03	0				
			197.92	0.00	174961.13	520566.52
404+00	104.72	0				
			191.31	0.00	175152.44	520566.52
404+50	101.89	0				
			185.26	0.00	175337.69	520566.52
405+00	98.19	0				
			176.78	0.00	175514.47	520566.52
405+50	92.73	0				
			165.86	0.00	175680.33	520566.52
406+00	86.4	0				
			156.08	0.00	175836.42	520566.52
406+50	82.17	0				
			149.21	0.00	175985.63	520566.52
407+00	78.98	0				
			139.91	0.00	176125.54	520566.52
407+50	72.12	0				
			126.97	0.00	176252.51	520566.52
408+00	65.01	0				
			111.99	0.00	176364.50	520566.52
408+50	55.94	0				
			96.28	0.00	176460.78	520566.52
409+00	48.04	0				
			85.61	0.00	176546.39	520566.52
409+50	44.42	0				
			78.62	0.00	176625.01	520566.52
410+00	40.49	0				
			71.67	0.00	176696.68	520566.52
410+50	36.91	0				
			69.79	0.00	176766.46	520566.52
411+00	38.46	0				
			75.12	0.00	176841.58	520566.52
411+50	42.67	0				
			84.56	0.00	176926.15	520566.52
412+00	48.66	0				
			93.69	0.00	177019.84	520566.52
412+50	52.53	0				
			97.22	0.00	177117.06	520566.52
413+00	52.47	0				
			94.07	0.00	177211.14	520566.52
413+50	49.13	0				
			86.59	0.00	177297.73	520566.52
414+00	44.39	0				
			76.76	0.00	177374.49	520566.52
414+50	38.51	0				
			64.91	0.00	177439.40	520566.52

415+00	31.59	0				
			52.44	0.00	177491.83	520566.52
415+50	25.04	0				
			41.81	0.00	177533.65	520566.52
416+00	20.12	0				
			30.54	0.00	177564.19	520566.52
416+50	12.86	0				
			15.66	0.00	177579.84	520566.52
417+00	4.05	0				
			3.75	0.00	177583.59	520566.52
417+50	0	0				
			0.00	0.00	177583.59	520566.52
418+00	0	0				
			0.00	0.00	177583.59	520566.52
418+50	0	0				
			0.00	0.00	177583.59	520566.52
419+00	0	0				
			0.00	0.00	177583.59	520566.52
419+50	0	0				
			0.00	0.00	177583.59	520566.52
420+00	0	0				
			0.00	0.00	177583.59	520566.52
420+50	0	0				
			0.00	0.00	177583.59	520566.52
421+00	0	0				
			0.00	0.00	177583.59	520566.52
421+50	0	0				
			0.00	0.00	177583.59	520566.52
422+00	0	0				
			0.00	0.00	177583.59	520566.52
422+50	0	0				
			0.00	0.00	177583.59	520566.52
423+00	0	0				
			0.00	0.00	177583.59	520566.52
423+50	0	0				
			0.00	0.00	177583.59	520566.52
424+00	0	0				
			0.00	0.00	177583.59	520566.52
424+50	0	0				
			0.00	0.00	177583.59	520566.52
425+00	0	0				
			0.00	0.00	177583.59	520566.52
425+50	0	0				
			0.00	0.00	177583.59	520566.52
426+00	0	0				
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426+50	0	0				
			0.00	0.00	177583.59	520566.52
427+00	0	0				
			0.00	0.00	177583.59	520566.52
427+50	0	0				
			0.00	0.00	177583.59	520566.52

428+00	0	0				
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428+50	0	0				
			0.00	0.00	177583.59	520566.52
429+00	0	0				
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429+50	0	0				
			0.00	0.00	177583.59	520566.52
430+00	0	0				
			0.00	0.00	177583.59	520566.52
430+50	0	0				
			0.00	0.00	177583.59	520566.52
431+00	0	0				
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431+50	0	0				
			0.00	0.00	177583.59	520566.52
432+00	0	0				
			0.00	0.00	177583.59	520566.52
432+50	0	0				
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433+00	0	0				
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433+50	0	0				
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434+00	0	0				
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434+50	0	0				
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435+00	0	0				
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435+50	0	0				
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436+00	0	0				
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436+50	0	0				
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437+00	0	0				
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437+50	0	0				
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438+00	0	0				
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438+50	0	0				
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439+00	0	0				
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439+50	0	0				
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440+00	0	0				
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440+50	0	0				
			0.00	0.00	177583.59	520566.52

441+00	0	0				
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441+50	0	0				
			0.00	0.00	177583.59	520566.52
442+00	0	0				
			0.00	0.00	177583.59	520566.52
442+50	0	0				
			0.00	0.00	177583.59	520566.52
443+00	0	0				
			0.00	0.00	177583.59	520566.52
443+50	0	0				
			0.00	0.00	177583.59	520566.52
444+00	0	0				
			0.00	0.00	177583.59	520566.52
444+50	0	0				
			0.00	0.00	177583.59	520566.52
445+00	0	0				
			0.00	0.00	177583.59	520566.52
445+50	0	0				
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446+00	0	0				
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446+50	0	0				
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447+00	0	0				
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447+50	0	0				
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448+00	0	0				
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448+50	0	0				
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449+00	0	0				
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449+50	0	0				
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450+00	0	0				
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450+50	0	0				
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451+00	0	0				
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451+50	0	0				
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452+00	0	0				
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452+50	0	0				
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453+00	0	0				
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453+50	0	0				
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454+00	0	0				
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455+00	0	0				
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455+50	0	0				
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456+00	0	0				
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456+50	0	0				
			0.00	0.00	177583.59	520566.52
457+00	0	0				
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457+50	0	0				
			0.00	0.00	177583.59	520566.52
458+00	0	0				
			0.00	0.00	177583.59	520566.52
458+50	0	0				
			0.00	0.00	177583.59	520566.52
459+00	0	0				
			0.00	0.00	177583.59	520566.52
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460+00	0	0				
			0.00	0.00	177583.59	520566.52
460+50	0	0				
			0.00	0.00	177583.59	520566.52
461+00	0	0				
			0.00	0.00	177583.59	520566.52
461+50	0	0				
			0.00	0.00	177583.59	520566.52
462+00	0	0				
			0.00	0.00	177583.59	520566.52
462+50	0	0				
			0.00	0.00	177583.59	520566.52
463+00	0	0				
			0.00	0.00	177583.59	520566.52
463+50	0	0				
			0.00	0.00	177583.59	520566.52
464+00	0	0				
			0.00	0.00	177583.59	520566.52
464+50	0	0				
			0.00	0.00	177583.59	520566.52
465+00	0	0				
			0.00	0.00	177583.59	520566.52
465+50	0	0				
			0.00	0.00	177583.59	520566.52
466+00	0	0				
			0.00	0.00	177583.59	520566.52
466+50	0	0				
			0.00	0.00	177583.59	520566.52

467+00	0	0				
			0.00	0.00	177583.59	520566.52
467+50	0	0				
			0.00	0.00	177583.59	520566.52
468+00	0	0				
			0.00	0.00	177583.59	520566.52
468+50	0	0				
			0.00	0.00	177583.59	520566.52
469+00	0	0				
			0.00	0.00	177583.59	520566.52
469+50	0	0				
			0.00	0.00	177583.59	520566.52
470+00	0	0				
			0.00	0.00	177583.59	520566.52
470+50	0	0				
			0.00	0.00	177583.59	520566.52
471+00	0	0				
			0.00	0.00	177583.59	520566.52
471+50	0	0				
			0.00	0.00	177583.59	520566.52
472+00	0	0				
			0.00	0.00	177583.59	520566.52
472+50	0	0				
			0.00	0.00	177583.59	520566.52
473+00	0	0				
			0.00	0.00	177583.59	520566.52
473+50	0	0				
			0.00	0.00	177583.59	520566.52
474+00	0	0				
			0.00	0.00	177583.59	520566.52
474+50	0	0				
			0.00	0.00	177583.59	520566.52
475+00	0	0				
			0.00	0.00	177583.59	520566.52
475+50	0	0				
			0.00	0.00	177583.59	520566.52
476+00	0	0				
			0.00	0.00	177583.59	520566.52
476+50	0	0				
			0.00	0.00	177583.59	520566.52
477+00	0	0				
			0.00	0.00	177583.59	520566.52
477+50	0	0				
			0.00	0.00	177583.59	520566.52
478+00	0	0				
			0.00	0.00	177583.59	520566.52
478+50	0	0				
			0.00	0.00	177583.59	520566.52
479+00	0	0				
			0.00	0.00	177583.59	520566.52
479+50	0	0				
			0.00	0.00	177583.59	520566.52

480+00	0	0				
			0.00	0.00	177583.59	520566.52
480+50	0	0				
			0.00	0.00	177583.59	520566.52
481+00	0	0				
			0.00	0.00	177583.59	520566.52
481+50	0	0				
			0.00	0.00	177583.59	520566.52
482+00	0	0				
			0.00	0.00	177583.59	520566.52
482+50	0	0				
			0.00	0.00	177583.59	520566.52
483+00	0	0				
			0.00	0.00	177583.59	520566.52
483+50	0	0				
			0.00	0.00	177583.59	520566.52
484+00	0	0				
			0.00	0.00	177583.59	520566.52
484+50	0	0				
			0.00	0.00	177583.59	520566.52
485+00	0	0				
			0.00	0.00	177583.59	520566.52
485+50	0	0				
			0.00	0.00	177583.59	520566.52
486+00	0	0				
			0.00	0.00	177583.59	520566.52
486+50	0	0				
			0.00	0.00	177583.59	520566.52
487+00	0	0				
			0.00	0.00	177583.59	520566.52
487+50	0	0				
			0.00	0.00	177583.59	520566.52
488+00	0	0				
			0.00	0.00	177583.59	520566.52
488+50	0	0				
			0.00	0.00	177583.59	520566.52
489+00	0	0				
			0.00	0.00	177583.59	520566.52
489+50	0	0				
			0.00	0.00	177583.59	520566.52
490+00	0	0				
			0.00	0.00	177583.59	520566.52
490+50	0	0				
			0.00	0.00	177583.59	520566.52
491+00	0	0				
			0.00	0.00	177583.59	520566.52
491+22.69	0	0				

Alternative 3 Floodplain

ALT 3 - FLOODPLAIN AREAS						
	CUTA	FILLA	CUTV	FILLV	CUMCUTV	CUMFILLV
			0.00	0.00	0.00	0.00
111+50	0	767.18				
			0.00	1485.56	0.00	1485.56
112+00	0	837.22				
			0.00	1451.46	0.00	2937.02
112+50	0	730.36				
			0.00	1140.46	0.00	4077.48
113+00	0	501.34				
			0.00	754.91	0.00	4832.39
113+50	0	313.96				
			0.00	464.32	0.00	5296.71
114+00	0	187.51				
			0.00	283.20	0.00	5579.92
114+50	0	118.35				
			0.00	187.00	0.00	5766.92
115+00	0	83.61				
			0.00	138.18	0.00	5905.09
115+50	0	65.62				
			0.00	0.00	0.00	0.00
120+50	0	999.71				
			0.00	2089.96	0.00	2089.96
121+00	0	1257.45				
			0.00	2557.95	0.00	4647.92
121+50	0	1505.14				
			0.00	2964.04	0.00	7611.95
122+00	0	1696.02				
			0.00	3253.59	0.00	10865.55
122+50	0	1817.86				
			0.00	3450.44	0.00	14315.98
123+00	0	1908.61				
			0.00	3568.79	0.00	17884.77
123+50	0	1945.68				
			0.00	3616.00	0.00	21500.77
124+00	0	1959.6				
			0.00	3626.00	0.00	25126.77
124+50	0	1956.48				
			0.00	3603.71	0.00	28730.48
125+00	0	1935.53				
			0.00	3550.81	0.00	32281.30
125+50	0	1899.35				
			0.00	3467.06	0.00	35748.36
126+00	0	1845.08				
			0.00	3340.26	0.00	39088.62
126+50	0	1762.4				
			0.00	3217.26	0.00	42305.88
127+00	0	1712.24				

			0.00	3180.36	0.00	45486.24
127+50	0	1722.55				
			0.00	3198.59	0.00	48684.83
128+00	0	1731.93				
			0.00	3201.51	0.00	51886.34
128+50	0	1725.7				
			0.00	3154.92	0.00	55041.26
129+00	0	1681.61				
			0.00	3049.18	0.00	58090.44
129+50	0	1611.5				
			0.00	2889.84	0.00	60980.28
130+00	0	1509.53				
			0.00	2657.84	0.00	63638.12
130+50	0	1360.94				
			0.00	2311.00	0.00	65949.12
131+00	0	1134.94				
			0.00	1816.30	0.00	67765.42
131+50	0	826.66				
			0.00	1203.56	0.00	68968.98
132+00	0	473.19				
			0.00	539.95	0.00	69508.94
132+50	0	109.96				
			0.00	0.00	0.00	0.00
170+00	0	85.68				
			0.00	151.75	0.00	151.75
170+50	0	78.21				
			0.00	139.36	0.00	291.11
171+00	0	72.3				
			0.00	127.32	0.00	418.44
171+50	0	65.21				
			0.00	115.78	0.00	534.21
172+00	0	59.83				
			0.00	114.69	0.00	648.90
172+50	0	64.03				
			0.00	93.07	0.00	741.97
173+00	0	36.49				
			17.55	33.79	17.55	775.76
173+50	18.95	0				
			94.02	0.00	111.56	775.76
174+00	82.59	0				
			213.95	0.00	325.52	775.76
174+50	148.48	0				
			328.11	0.00	653.63	775.76
175+00	205.88	0				
			423.00	0.00	1076.63	775.76
175+50	250.96	0				

			0.00	0.00	0.00	0.00
212+00	176.82	0				
			306.82	0.00	306.82	0.00
212+50	154.55	0				
			265.62	0.00	572.44	0.00
213+00	132.32	0				
			223.95	0.00	796.40	0.00
213+50	109.55	0				
			183.57	0.00	979.97	0.00
214+00	88.71	0				
			144.85	0.00	1124.82	0.00
214+50	67.73	0				
			103.08	0.00	1227.91	0.00
215+00	43.6	0				
			59.64	0.00	1287.55	0.00
215+50	20.81	0				
			20.30	0.02	1307.84	0.02
216+00	1.11	0.02				
			1.03	24.70	1308.87	24.72
216+50	0	26.66				
			0.00	94.56	1308.87	119.28
217+00	0	75.46				
			0.00	187.80	1308.87	307.07
217+50	0	127.36				
			0.00	242.62	1308.87	549.69
218+00	0	134.67				
			0.00	208.56	1308.87	758.26
218+50	0	90.58				
			0.00	116.21	1308.87	874.47
219+00	0	34.93				
			9.06	33.12	1317.94	907.59
219+50	9.79	0.84				
			72.07	0.78	1390.01	908.37
220+00	68.05	0				
			156.74	0.00	1546.75	908.37
220+50	101.23	0				
			208.68	0.00	1755.43	908.37
221+00	124.14	0				
			234.37	0.00	1989.80	908.37
221+50	128.98	0				
			241.31	0.00	2231.10	908.37
222+00	131.63	0				
			253.27	0.00	2484.37	908.37
222+50	141.9	0				
			266.78	0.00	2751.15	908.37
223+00	146.22	0				
			272.30	0.00	3023.44	908.37
223+50	147.86	0				
			273.92	0.00	3297.36	908.37
224+00	147.97	0				
			270.31	0.00	3567.68	908.37
224+50	143.97	0				

			261.65	0.00	3829.32	908.37
225+00	138.61	0				
			249.06	0.00	4078.39	908.37
225+50	130.38	0				
			229.81	0.00	4308.20	908.37
226+00	117.82	0				
			200.58	0.00	4508.79	908.37
226+50	98.81	0				
			162.98	0.00	4671.77	908.37
227+00	77.21	0				
			122.08	0.00	4793.85	908.37
227+50	54.64	0				
			80.70	0.00	4874.56	908.37
228+00	32.52	0				
			40.38	0.00	4914.94	908.37
228+50	11.09	0				
			10.27	7.06	4925.20	915.44
229+00	0	7.63				
			0.00	32.60	4925.20	948.04
229+50	0	27.58				
			0.00	85.69	4925.20	1033.73
230+00	0	64.97				
			0.00	159.60	4925.20	1193.33
230+50	0	107.4				
			0.00	241.84	4925.20	1435.18
231+00	0	153.79				
			0.00	329.47	4925.20	1764.65
231+50	0	202.04				
			0.00	415.42	4925.20	2180.06
232+00	0	246.61				
			0.00	495.06	4925.20	2675.13
232+50	0	288.06				
			0.00	573.76	4925.20	3248.89
233+00	0	331.6				
			0.00	657.57	4925.20	3906.46
233+50	0	378.58				
			0.00	746.61	4925.20	4653.07
234+00	0	427.76				
			0.00	837.44	4925.20	5490.51
234+50	0	476.67				
			0.00	929.23	4925.20	6419.74
235+00	0	526.9				
			0.00	1025.13	4925.20	7444.87
235+50	0	580.24				
			0.00	1130.68	4925.20	8575.55
236+00	0	640.89				
			0.00	1247.23	4925.20	9822.78
236+50	0	706.12				
			0.00	1358.16	4925.20	11180.94
237+00	0	760.69				
			0.00	1436.06	4925.20	12617.00
237+50	0	790.26				

			0.00	1360.55	4925.20	13977.55
238+00	0	679.13				
			0.00	851.74	4925.20	14829.29
238+50	0	240.75				
			0.00	247.00	4925.20	15076.29
239+00	0	26.01				
			0.00	0.00	0.00	0.00
367+50	188.42	0				
			328.18	0.00	328.18	0.00
368+00	166.01	0				
			288.92	0.00	617.09	0.00
368+50	146.02	0				
			139.71	23.12	756.81	23.12
369+00	4.87	24.97				
			4.51	340.59	761.31	363.71
369+50	0	342.87				
			0.00	740.50	761.31	1104.21
370+00	0	456.87				
			0.00	779.53	761.31	1883.74
370+50	0	385.02				
			0.00	481.99	761.31	2365.73
371+00	0	135.53				
			75.85	125.49	837.17	2491.22
371+50	81.92	0				
			247.85	0.00	1085.02	2491.22
372+00	185.76	0				
			321.67	0.00	1406.69	2491.22
372+50	161.64	0				
			268.93	0.00	1675.61	2491.22
373+00	128.8	0				
			222.24	0.00	1897.85	2491.22
373+50	111.22	0				
			199.68	0.00	2097.53	2491.22
374+00	104.43	0				
			209.31	0.00	2306.83	2491.22
374+50	121.62	0				
			254.94	0.00	2561.77	2491.22
375+00	153.71	0				
			299.41	0.00	2861.18	2491.22
375+50	169.65	0				
			325.77	0.00	3186.94	2491.22
376+00	182.18	0				
			344.43	0.00	3531.37	2491.22
376+50	189.8	0				
			354.06	0.00	3885.43	2491.22
377+00	192.58	0				
			352.34	0.00	4237.77	2491.22
377+50	187.95	0				

			340.38	0.00	4578.15	2491.22
378+00	179.66	0				
			322.73	0.00	4900.88	2491.22
378+50	168.89	0				
			303.13	0.00	5204.01	2491.22
379+00	158.49	0				
			281.40	0.00	5485.41	2491.22
379+50	145.42	0				
			254.32	0.00	5739.73	2491.22
380+00	129.25	0				
			223.48	0.00	5963.21	2491.22
380+50	112.11	0				
			189.69	0.00	6152.90	2491.22
381+00	92.75	0				
			150.60	0.00	6303.50	2491.22
381+50	69.9	0				
			105.31	0.00	6408.81	2491.22
382+00	43.84	0				
			59.46	0.00	6468.28	2491.22
382+50	20.38	0				
			18.87	3.83	6487.15	2495.06
383+00	0	4.14				
			0.00	29.61	6487.15	2524.67
383+50	0	27.84				
			0.00	64.25	6487.15	2588.92
384+00	0	41.55				
			0.00	81.74	6487.15	2670.66
384+50	0	46.73				
			0.00	86.69	6487.15	2757.35
385+00	0	46.9				
			0.00	79.66	6487.15	2837.01
385+50	0	39.13				
			0.00	65.81	6487.15	2902.81
386+00	0	31.94				
			0.00	53.01	6487.15	2955.82
386+50	0	25.31				
			0.00	40.38	6487.15	2996.20
387+00	0	18.3				
			0.00	26.24	6487.15	3022.44
387+50	0	10.04				
			0.00	11.56	6487.15	3034.01
388+00	0	2.45				
			2.02	2.27	6489.17	3036.28
388+50	2.18	0				
			5.48	0.00	6494.65	3036.28
389+00	3.74	0				
			5.08	0.00	6499.73	3036.28
389+50	1.75	0				
			1.62	2.77	6501.35	3039.05
390+00	0	2.99				
			0.00	12.34	6501.35	3051.39
390+50	0	10.34				

			0.00	22.97	6501.35	3074.36
391+00	0	14.47				
			0.00	29.68	6501.35	3104.04
391+50	0	17.58				
			0.00	36.00	6501.35	3140.04
392+00	0	21.3				
			0.00	42.68	6501.35	3182.71
392+50	0	24.79				
			0.00	48.71	6501.35	3231.43
393+00	0	27.82				
			0.00	52.80	6501.35	3284.22
393+50	0	29.2				
			0.00	51.13	6501.35	3335.35
394+00	0	26.02				
			0.00	44.23	6501.35	3379.58
394+50	0	21.75				
			0.00	36.00	6501.35	3415.58
395+00	0	17.13				
			0.00	28.60	6501.35	3444.19
395+50	0	13.76				
			0.00	23.17	6501.35	3467.35
396+00	0	11.26				
			0.00	18.49	6501.35	3485.84
396+50	0	8.71				
			0.12	12.91	6501.47	3498.75
397+00	0.13	5.23				
			2.65	5.84	6504.12	3504.59
397+50	2.73	1.08				
			13.78	1.00	6517.90	3505.59
398+00	12.15	0				
			38.69	0.00	6556.58	3505.59
398+50	29.63	0				
			76.74	0.00	6633.32	3505.59
399+00	53.25	0				
			122.69	0.00	6756.02	3505.59
399+50	79.26	0				
			164.62	0.00	6920.64	3505.59
400+00	98.53	0				
			197.60	0.00	7118.24	3505.59
400+50	114.88	0				
			219.28	0.00	7337.52	3505.59
401+00	121.94	0				
			225.00	0.00	7562.52	3505.59
401+50	121.06	0				
			222.30	0.00	7784.81	3505.59
402+00	119.02	0				
			217.56	0.00	8002.38	3505.59
402+50	115.95	0				
			211.56	0.00	8213.94	3505.59
403+00	112.53	0				
			205.15	0.00	8419.08	3505.59
403+50	109.03	0				

			197.92	0.00	8617.00	3505.59
404+00	104.72	0				
			191.31	0.00	8808.31	3505.59
404+50	101.89	0				
			185.26	0.00	8993.56	3505.59
405+00	98.19	0				
			176.78	0.00	9170.34	3505.59
405+50	92.73	0				
			165.86	0.00	9336.20	3505.59
406+00	86.4	0				
			156.08	0.00	9492.29	3505.59
406+50	82.17	0				
			149.21	0.00	9641.50	3505.59
407+00	78.98	0				
			139.91	0.00	9781.41	3505.59
407+50	72.12	0				
			126.97	0.00	9908.38	3505.59
408+00	65.01	0				
			111.99	0.00	10020.37	3505.59
408+50	55.94	0				
			96.28	0.00	10116.65	3505.59
409+00	48.04	0				
			85.61	0.00	10202.26	3505.59
409+50	44.42	0				
			78.62	0.00	10280.88	3505.59
410+00	40.49	0				
			71.67	0.00	10352.55	3505.59
410+50	36.91	0				
			69.79	0.00	10422.33	3505.59
411+00	38.46	0				
			75.12	0.00	10497.45	3505.59
411+50	42.67	0				
			84.56	0.00	10582.02	3505.59
412+00	48.66	0				
			93.69	0.00	10675.71	3505.59
412+50	52.53	0				
			97.22	0.00	10772.94	3505.59
413+00	52.47	0				
			94.07	0.00	10867.01	3505.59
413+50	49.13	0				
			86.59	0.00	10953.60	3505.59
414+00	44.39	0				
			76.76	0.00	11030.36	3505.59
414+50	38.51	0				
			64.91	0.00	11095.27	3505.59
415+00	31.59	0				
			52.44	0.00	11147.70	3505.59
415+50	25.04	0				
			41.81	0.00	11189.52	3505.59
416+00	20.12	0				
			30.54	0.00	11220.06	3505.59
416+50	12.86	0				

			15.66	0.00	11235.71	3505.59
417+00	4.05	0				
			3.75	0.00	11239.46	3505.59
417+50	0	0				
			0.00	0.00	11239.46	3505.59
418+00	0	0				
			0.00	0.00	11239.46	3505.59
418+50	0	0				
			0.00	0.00	11239.46	3505.59
419+00	0	0				
			0.00	0.00	11239.46	3505.59
419+50	0	0				
			0.00	0.00	11239.46	3505.59
420+00	0	0				
			0.00	0.00	11239.46	3505.59
420+50	0	0				
			0.00	0.00	11239.46	3505.59
421+00	0	0				
			0.00	0.00	11239.46	3505.59
421+50	0	0				
			0.00	0.00	11239.46	3505.59
422+00	0	0				
			0.00	0.00	11239.46	3505.59
422+50	0	0				
			0.00	0.00	11239.46	3505.59
423+00	0	0				
			0.00	0.00	11239.46	3505.59
423+50	0	0				
			0.00	0.00	11239.46	3505.59
424+00	0	0				
			0.00	0.00	11239.46	3505.59
424+50	0	0				
			0.00	0.00	11239.46	3505.59
425+00	0	0				
			0.00	0.00	11239.46	3505.59
425+50	0	0				
			0.00	0.00	11239.46	3505.59
426+00	0	0				
452+00	0	0				
			0.00	0.00	0.00	0.00
452+50	0	0				
			0.00	0.00	0.00	0.00
453+00	0	0				
			0.00	0.00	0.00	0.00
453+50	0	0				
			0.00	0.00	0.00	0.00
454+00	0	0				
			0.00	0.00	0.00	0.00

454+50	0	0				
			0.00	0.00	0.00	0.00
455+00	0	0				
			0.00	0.00	0.00	0.00
455+50	0	0				
			0.00	0.00	0.00	0.00
456+00	0	0				
			0.00	0.00	0.00	0.00
456+50	0	0				
			0.00	0.00	0.00	0.00
457+00	0	0				
			0.00	0.00	0.00	0.00
457+50	0	0				
			0.00	0.00	0.00	0.00
458+00	0	0				
			0.00	0.00	0.00	0.00
458+50	0	0				
			0.00	0.00	0.00	0.00
459+00	0	0				
			0.00	0.00	0.00	0.00
459+50	0	0				
			0.00	0.00	0.00	0.00
460+00	0	0				
			0.00	0.00	0.00	0.00
460+50	0	0				
			0.00	0.00	0.00	0.00
461+00	0	0				
			0.00	0.00	0.00	0.00
461+50	0	0				
			0.00	0.00	0.00	0.00
462+00	0	0				
			0.00	0.00	0.00	0.00
462+50	0	0				
			0.00	0.00	0.00	0.00
463+00	0	0				
			0.00	0.00	0.00	0.00
463+50	0	0				
			0.00	0.00	0.00	0.00
464+00	0	0				
			0.00	0.00	0.00	0.00
464+50	0	0				
			0.00	0.00	0.00	0.00
465+00	0	0				
			0.00	0.00	0.00	0.00
465+50	0	0				
			0.00	0.00	0.00	0.00
466+00	0	0				
			0.00	0.00	0.00	0.00
466+50	0	0				
			0.00	0.00	0.00	0.00
467+00	0	0				
			0.00	0.00	0.00	0.00

467+50	0	0				
			0.00	0.00	0.00	0.00
468+00	0	0				
			0.00	0.00	0.00	0.00
468+50	0	0				
			0.00	0.00	0.00	0.00
469+00	0	0				
			0.00	0.00	0.00	0.00
469+50	0	0				
			0.00	0.00	0.00	0.00
470+00	0	0				
			0.00	0.00	0.00	0.00
470+50	0	0				
			0.00	0.00	0.00	0.00
471+00	0	0				
			0.00	0.00	0.00	0.00
471+50	0	0				
			0.00	0.00	0.00	0.00
472+00	0	0				
			0.00	0.00	0.00	0.00
472+50	0	0				
			0.00	0.00	0.00	0.00
473+00	0	0				
			0.00	0.00	0.00	0.00
473+50	0	0				
			0.00	0.00	0.00	0.00
474+00	0	0				
			0.00	0.00	0.00	0.00
474+50	0	0				
			0.00	0.00	0.00	0.00
475+00	0	0				
			0.00	0.00	0.00	0.00
475+50	0	0				
			0.00	0.00	0.00	0.00
476+00	0	0				
			0.00	0.00	0.00	0.00
476+50	0	0				
			0.00	0.00	0.00	0.00
477+00	0	0				
			0.00	0.00	0.00	0.00
477+50	0	0				
			0.00	0.00	0.00	0.00
478+00	0	0				
			0.00	0.00	0.00	0.00
478+50	0	0				
			0.00	0.00	0.00	0.00
479+00	0	0				
			0.00	0.00	0.00	0.00
479+50	0	0				
			0.00	0.00	0.00	0.00
480+00	0	0				
			0.00	0.00	0.00	0.00

480+50	0	0				
			0.00	0.00	0.00	0.00
481+00	0	0				
			0.00	0.00	0.00	0.00
481+50	0	0				
			0.00	0.00	0.00	0.00
482+00	0	0				
			0.00	0.00	0.00	0.00
482+50	0	0				
			0.00	0.00	0.00	0.00
483+00	0	0				
			0.00	0.00	0.00	0.00
483+50	0	0				
			0.00	0.00	0.00	0.00
484+00	0	0				
			0.00	0.00	0.00	0.00
484+50	0	0				
			0.00	0.00	0.00	0.00
485+00	0	0				
			0.00	0.00	0.00	0.00
485+50	0	0				
			0.00	0.00	0.00	0.00
486+00	0	0				
			0.00	0.00	0.00	0.00
486+50	0	0				
			0.00	0.00	0.00	0.00
487+00	0	0				
			0.00	0.00	0.00	0.00
487+50	0	0				
			0.00	0.00	0.00	0.00
488+00	0	0				
			0.00	0.00	0.00	0.00
488+50	0	0				
			0.00	0.00	0.00	0.00
489+00	0	0				
			0.00	0.00	0.00	0.00
489+50	0	0				
			0.00	0.00	0.00	0.00
490+00	0	0				
			0.00	0.00	0.00	0.00
490+50	0	0				
			0.00	0.00	0.00	0.00
491+00	0	0				
			0.00	0.00	0.00	0.00
491+22.69	0	0				
					17241.30	94771.67

Eastern Bypass Route Earthwork

EASTERN BYPASS - EARTHWORK						
	CUTA	FILLA	CUTV	FILLV	CUMCUTV	CUMFILLV
0+00	0	0				
			0.00	9.46	0.00	9.46
0+50	0	10.22				
			7.95	9.46	7.95	18.93
1+00	8.59	0				
			60.07	0.00	68.03	18.93
1+50	56.29	0				
			105.19	0.00	173.22	18.93
2+00	57.32	0				
			81.19	0.00	254.42	18.93
2+50	30.37	0				
			28.12	20.48	282.54	39.41
3+00	0	22.12				
			0.00	30.68	282.54	70.08
3+50	0	11.01				
			0.00	21.88	282.54	91.96
4+00	0	12.62				
			0.00	36.55	282.54	128.51
4+50	0	26.85				
			0.00	53.10	282.54	181.61
5+00	0	30.5				
			0.00	58.13	282.54	239.74
5+50	0	32.28				
			0.00	82.76	282.54	322.50
6+00	0	57.1				
			0.00	139.95	282.54	462.45
6+50	0	94.05				
			0.00	180.35	282.54	642.81
7+00	0	100.73				
			0.00	135.69	282.54	778.50
7+50	0	45.82				
			0.31	44.67	282.85	823.17
8+00	0.34	2.42				
			9.56	2.24	292.41	825.41
8+50	9.98	0				
			21.63	0.00	314.04	825.41
9+00	13.38	0				
			36.31	0.00	350.35	825.41
9+50	25.84	0				
			58.10	0.00	408.45	825.41
10+00	36.91	0				
			80.18	0.00	488.63	825.41
10+50	49.68	0				
			107.03	0.00	595.66	825.41
11+00	65.91	0				
			135.07	0.00	730.73	825.41
11+50	79.97	0				
			154.03	0.00	884.76	825.41

12+00	86.38	0				
			158.25	0.00	1043.01	825.41
12+50	84.53	0				
			170.06	0.00	1213.06	825.41
13+00	99.13	0				
			231.94	0.00	1445.01	825.41
13+50	151.37	0				
			331.97	0.00	1776.98	825.41
14+00	207.16	0				
			430.60	0.00	2207.58	825.41
14+50	257.89	0				
			528.23	0.00	2735.81	825.41
15+00	312.6	0				
			618.96	0.00	3354.78	825.41
15+50	355.88	0				
			697.09	0.00	4051.87	825.41
16+00	396.98	0				
			753.96	0.00	4805.83	825.41
16+50	417.3	0				
			799.83	0.00	5605.67	825.41
17+00	446.52	0				
			808.61	0.00	6414.28	825.41
17+50	426.78	0				
			774.05	0.00	7188.32	825.41
18+00	409.19	0				
			757.87	0.00	7946.19	825.41
18+50	409.31	0				
			743.32	0.00	8689.52	825.41
19+00	393.48	0				
			651.77	0.00	9341.29	825.41
19+50	310.43	0				
			491.19	0.00	9832.47	825.41
20+00	220.05	0				
			294.99	0.00	10127.46	825.41
20+50	98.54	0				
			93.41	0.00	10220.87	825.41
21+00	2.34	0				
			2.17	95.50	10223.04	920.91
21+50	0	103.14				
			0.00	330.18	10223.04	1251.08
22+00	0	253.45				
			0.00	663.08	10223.04	1914.17
22+50	0	462.68				
			0.00	1081.01	10223.04	2995.18
23+00	0	704.81				
			0.00	1545.83	10223.04	4541.01
23+50	0	964.69				
			0.00	1967.75	10223.04	6508.76
24+00	0	1160.48				
			0.00	2165.77	10223.04	8674.53
24+50	0	1178.55				
			0.00	2101.73	10223.04	10776.26

25+00	0	1091.32				
			0.00	1772.96	10223.04	12549.22
25+50	0	823.48				
			0.00	1282.72	10223.04	13831.94
26+00	0	561.86				
			0.00	792.88	10223.04	14624.82
26+50	0	294.45				
			0.00	361.47	10223.04	14986.30
27+00	0	95.94				
			1.13	93.54	10224.17	15079.83
27+50	1.22	5.08				
			27.19	4.70	10251.35	15084.54
28+00	28.14	0				
			26.06	64.48	10277.41	15149.02
28+50	0	69.64				
			0.00	272.89	10277.41	15421.91
29+00	0	225.08				
			0.00	637.31	10277.41	16059.21
29+50	0	463.21				
			0.00	1118.66	10277.41	17177.87
30+00	0	744.94				
			0.00	1641.91	10277.41	18819.78
30+50	0	1028.32				
			0.00	2188.85	10277.41	21008.63
31+00	0	1335.64				
			0.00	2788.19	10277.41	23796.82
31+50	0	1675.61				
			0.00	3456.02	10277.41	27252.84
32+00	0	2056.89				
			0.00	4172.97	10277.41	31425.81
32+50	0	2449.92				
			0.00	4932.50	10277.41	36358.31
33+00	0	2877.18				
			0.00	5779.71	10277.41	42138.03
33+50	0	3364.91				
			0.00	6686.81	10277.41	48824.83
34+00	0	3856.84				
			0.00	7517.49	10277.41	56342.32
34+50	0	4262.05				
			0.00	8052.68	10277.41	64395.00
35+00	0	4434.84				
			0.00	8095.86	10277.41	72490.86
35+50	0	4308.69				
			0.00	7801.69	10277.41	80292.56
36+00	0	4117.14				
			0.00	7479.08	10277.41	87771.64
36+50	0	3960.27				
			0.00	7163.25	10277.41	94934.89
37+00	0	3776.04				
			0.00	6819.76	10277.41	101754.65
37+50	0	3589.3				
			0.00	6491.00	10277.41	108245.65

38+00	0	3420.98				
			0.00	6191.30	10277.41	114436.94
38+50	0	3265.62				
			0.00	5939.07	10277.41	120376.02
39+00	0	3148.58				
			0.00	5746.23	10277.41	126122.25
39+50	0	3057.35				
			0.00	5576.68	10277.41	131698.93
40+00	0	2965.46				
			0.00	5437.63	10277.41	137136.56
40+50	0	2907.18				
			0.00	5350.15	10277.41	142486.70
41+00	0	2870.98				
			0.00	5274.09	10277.41	147760.80
41+50	0	2825.04				
			0.00	5189.50	10277.41	152950.30
42+00	0	2779.62				
			0.00	5084.17	10277.41	158034.46
42+50	0	2711.28				
			0.00	4928.99	10277.41	162963.45
43+00	0	2612.03				
			0.00	4707.92	10277.41	167671.37
43+50	0	2472.52				
			0.00	4416.06	10277.41	172087.44
44+00	0	2296.83				
			0.00	4100.15	10277.41	176187.58
44+50	0	2131.33				
			0.00	3763.34	10277.41	179950.93
45+00	0	1933.08				
			0.00	3479.00	10277.41	183429.93
45+50	0	1824.24				
			0.00	3312.66	10277.41	186742.58
46+00	0	1753.43				
			0.00	3180.93	10277.41	189923.51
46+50	0	1681.97				
			0.00	3018.16	10277.41	192941.67
47+00	0	1577.64				
			0.00	2857.68	10277.41	195799.34
47+50	0	1508.65				
			0.00	2781.30	10277.41	198580.64
48+00	0	1495.15				
			0.00	2701.08	10277.41	201281.72
48+50	0	1422.02				
			0.00	2483.39	10277.41	203765.11
49+00	0	1260.04				
			0.00	2208.63	10277.41	205973.74
49+50	0	1125.28				
			0.00	1988.30	10277.41	207962.04
50+00	0	1022.08				
			0.00	1820.43	10277.41	209782.46
50+50	0	943.98				
			0.00	1701.33	10277.41	211483.80

51+00	0	893.46				
			0.00	1591.64	10277.41	213075.44
51+50	0	825.51				
			0.00	1449.22	10277.41	214524.66
52+00	0	739.65				
			0.00	1306.57	10277.41	215831.23
52+50	0	671.45				
			0.00	1197.08	10277.41	217028.31
53+00	0	621.4				
			0.00	1072.46	10277.41	218100.78
53+50	0	536.86				
			0.00	893.16	10277.41	218993.94
54+00	0	427.75				
			0.00	675.76	10277.41	219669.69
54+50	0	302.07				
			0.00	441.62	10277.41	220111.31
55+00	0	174.88				
			0.00	245.13	10277.41	220356.44
55+50	0	89.86				
			0.00	108.11	10277.41	220464.56
56+00	0	26.9				
			68.08	24.91	10345.49	220489.46
56+50	73.53	0				
			299.09	0.00	10644.58	220489.46
57+00	249.49	0				
			660.87	0.00	11305.45	220489.46
57+50	464.25	0				
			1088.19	0.00	12393.64	220489.46
58+00	710.99	0				
			1473.79	0.00	13867.43	220489.46
58+50	880.7	0				
			1732.80	0.00	15600.22	220489.46
59+00	990.72	0				
			1863.64	0.00	17463.86	220489.46
59+50	1022.01	0				
			1879.88	0.00	19343.74	220489.46
60+00	1008.26	0				
			1838.18	0.00	21181.92	220489.46
60+50	976.97	0				
			1775.24	0.00	22957.16	220489.46
61+00	940.29	0				
			1722.90	0.00	24680.06	220489.46
61+50	920.44	0				
			1692.76	0.00	26372.81	220489.46
62+00	907.74	0				
			1664.97	0.00	28037.79	220489.46
62+50	890.43	0				
			1627.51	0.00	29665.30	220489.46
63+00	867.28	0				
			1550.04	0.00	31215.33	220489.46
63+50	806.76	0				
			1425.06	0.00	32640.40	220489.46

64+00	732.31	0				
			1304.58	0.00	33944.98	220489.46
64+50	676.64	0				
			1210.98	0.00	35155.96	220489.46
65+00	631.22	0				
			1131.13	0.00	36287.09	220489.46
65+50	590.4	0				
			1057.34	0.00	37344.44	220489.46
66+00	551.53	0				
			986.01	0.00	38330.44	220489.46
66+50	513.36	0				
			915.96	0.00	39246.41	220489.46
67+00	475.88	0				
			847.31	0.00	40093.72	220489.46
67+50	439.22	0				
			780.69	0.00	40874.42	220489.46
68+00	403.93	0				
			716.70	0.00	41591.12	220489.46
68+50	370.11	0				
			655.22	0.00	42246.34	220489.46
69+00	337.53	0				
			596.27	0.00	42842.61	220489.46
69+50	306.44	0				
			539.96	0.00	43382.57	220489.46
70+00	276.72	0				
			480.71	0.00	43863.29	220489.46
70+50	242.45	0				
			407.57	0.00	44270.86	220489.46
71+00	197.73	0				
			334.53	0.00	44605.39	220489.46
71+50	163.56	0				
			290.80	0.00	44896.19	220489.46
72+00	150.5	0				
			258.84	0.00	45155.03	220489.46
72+50	129.05	0				
			222.23	0.00	45377.26	220489.46
73+00	110.96	0				
			197.28	0.00	45574.54	220489.46
73+50	102.1	0				
			179.82	0.00	45754.36	220489.46
74+00	92.11	0				
			164.90	0.00	45919.26	220489.46
74+50	85.98	0				
			156.26	0.00	46075.52	220489.46
75+00	82.78	0				
			142.04	0.00	46217.56	220489.46
75+50	70.62	0				
			128.35	0.00	46345.91	220489.46
76+00	68	0				
			129.10	0.00	46475.01	220489.46
76+50	71.43	0				
			131.27	0.00	46606.28	220489.46

77+00	70.34	0				
			126.10	0.00	46732.38	220489.46
77+50	65.85	0				
			117.91	0.00	46850.29	220489.46
78+00	61.49	0				
			109.83	0.00	46960.12	220489.46
78+50	57.13	0				
			104.26	0.00	47064.38	220489.46
79+00	55.47	0				
			111.01	0.00	47175.39	220489.46
79+50	64.42	0				
			126.76	0.00	47302.15	220489.46
80+00	72.48	0				
			135.83	0.00	47437.98	220489.46
80+50	74.22	0				
			148.73	0.00	47586.71	220489.46
81+00	86.41	0				
			180.02	0.00	47766.73	220489.46
81+50	108.01	0				
			222.94	0.00	47989.68	220489.46
82+00	132.77	0				
			266.52	0.00	48256.19	220489.46
82+50	155.07	0				
			314.39	0.00	48570.58	220489.46
83+00	184.47	0				
			382.12	0.00	48952.70	220489.46
83+50	228.22	0				
			466.62	0.00	49419.32	220489.46
84+00	275.73	0				
			557.56	0.00	49976.89	220489.46
84+50	326.44	0				
			651.34	0.00	50628.23	220489.46
85+00	377.01	0				
			740.72	0.00	51368.95	220489.46
85+50	422.97	0				
			817.54	0.00	52186.49	220489.46
86+00	459.97	0				
			848.65	0.00	53035.14	220489.46
86+50	456.57	0				
			840.75	0.00	53875.89	220489.46
87+00	451.44	0				
			848.06	0.00	54723.94	220489.46
87+50	464.46	0				
			877.08	0.00	55601.03	220489.46
88+00	482.79	0				
			893.26	0.00	56494.29	220489.46
88+50	481.93	0				
			886.45	0.00	57380.74	220489.46
89+00	475.44	0				
			881.18	0.00	58261.92	220489.46
89+50	476.23	0				
			888.46	0.00	59150.38	220489.46

90+00	483.31	0				
			892.62	0.00	60043.00	220489.46
90+50	480.72	0				
			883.68	0.00	60926.68	220489.46
91+00	473.65	0				
			859.17	0.00	61785.84	220489.46
91+50	454.25	0				
			820.78	0.00	62606.62	220489.46
92+00	432.19	0				
			789.83	0.00	63396.45	220489.46
92+50	420.83	0				
			772.27	0.00	64168.72	220489.46
93+00	413.22	0				
			758.22	0.00	64926.94	220489.46
93+50	405.66	0				
			743.65	0.00	65670.59	220489.46
94+00	397.48	0				
			723.43	0.00	66394.02	220489.46
94+50	383.82	0				
			700.73	0.00	67094.75	220489.46
95+00	372.97	0				
			684.50	0.00	67779.25	220489.46
95+50	366.29	0				
			671.26	0.00	68450.51	220489.46
96+00	358.67	0				
			640.94	0.00	69091.45	220489.46
96+50	333.55	0				
			594.07	0.00	69685.53	220489.46
97+00	308.05	0				
			561.73	0.00	70247.26	220489.46
97+50	298.62	0				
			544.80	0.00	70792.06	220489.46
98+00	289.76	0				
			529.56	0.00	71321.62	220489.46
98+50	282.17	0				
			514.57	0.00	71836.19	220489.46
99+00	273.57	0				
			486.15	0.00	72322.34	220489.46
99+50	251.47	0				
			448.20	0.00	72770.55	220489.46
100+00	232.59	0				
			427.50	0.00	73198.05	220489.46
100+50	229.11	0				
			418.32	0.00	73616.37	220489.46
101+00	222.68	0				
			379.75	0.00	73996.12	220489.46
101+50	187.45	0				
			312.34	0.00	74308.46	220489.46
102+00	149.88	0				
			248.31	0.00	74556.78	220489.46
102+50	118.3	0				
			194.44	0.00	74751.22	220489.46

103+00	91.7	0				
			148.25	0.00	74899.47	220489.46
103+50	68.41	0				
			107.28	0.00	75006.75	220489.46
104+00	47.45	0				
			72.47	0.00	75079.22	220489.46
104+50	30.82	0				
			40.70	0.00	75119.93	220489.46
105+00	13.14	0				
			12.17	12.72	75132.09	220502.19
105+50	0	13.74				
			0.00	50.96	75132.09	220553.15
106+00	0	41.3				
			0.00	94.27	75132.09	220647.42
106+50	0	60.51				
			0.00	127.94	75132.09	220775.36
107+00	0	77.67				
			0.00	147.90	75132.09	220923.26
107+50	0	82.06				
			0.00	161.07	75132.09	221084.33
108+00	0	91.9				
			0.00	191.35	75132.09	221275.69
108+50	0	114.76				
			0.00	230.30	75132.09	221505.98
109+00	0	133.96				
			0.00	251.46	75132.09	221757.44
109+50	0	137.62				
			0.00	263.49	75132.09	222020.94
110+00	0	146.95				
			0.00	296.41	75132.09	222317.34
110+50	0	173.17				
			0.00	342.44	75132.09	222659.79
111+00	0	196.67				
			0.00	381.81	75132.09	223041.60
111+50	0	215.69				
			0.00	406.93	75132.09	223448.53
112+00	0	223.79				
			0.00	397.40	75132.09	223845.93
112+50	0	205.4				
			0.00	351.36	75132.09	224197.29
113+00	0	174.07				
			0.00	277.92	75132.09	224475.20
113+50	0	126.08				
			0.00	192.40	75132.09	224667.60
114+00	0	81.71				
			0.00	109.85	75132.09	224777.45
114+50	0	36.93				
			2.63	35.74	75134.72	224813.19
115+00	2.84	1.67				
			44.24	1.55	75178.96	224814.74
115+50	44.94	0				
			111.46	0.00	75290.43	224814.74

116+00	75.44	0				
			138.96	0.00	75429.39	224814.74
116+50	74.64	0				
			140.40	0.00	75569.79	224814.74
117+00	76.99	0				
			138.37	0.00	75708.16	224814.74
117+50	72.45	0				
			130.02	0.00	75838.18	224814.74
118+00	67.97	0				
			121.80	0.00	75959.97	224814.74
118+50	63.57	0				
			113.69	0.00	76073.66	224814.74
119+00	59.21	0				
			105.64	0.00	76179.30	224814.74
119+50	54.88	0				
			97.69	0.00	76276.99	224814.74
120+00	50.63	0				
			89.89	0.00	76366.88	224814.74
120+50	46.45	0				
			82.18	0.00	76449.06	224814.74
121+00	42.3	0				
			78.97	0.00	76528.03	224814.74
121+50	42.99	0				
			89.85	0.00	76617.88	224814.74
122+00	54.05	0				
			95.02	0.00	76712.90	224814.74
122+50	48.57	0				
			87.75	0.00	76800.65	224814.74
123+00	46.2	0				
			83.88	0.00	76884.53	224814.74
123+50	44.39	0				
			81.62	0.00	76966.15	224814.74
124+00	43.76	0				
			80.73	0.00	77046.88	224814.74
124+50	43.43	0				
			78.87	0.00	77125.75	224814.74
125+00	41.75	0				
			76.00	0.00	77201.75	224814.74
125+50	40.33	0				
			73.84	0.00	77275.59	224814.74
126+00	39.42	0				
			71.75	0.00	77347.34	224814.74
126+50	38.07	0				
			69.10	0.00	77416.44	224814.74
127+00	36.56	0				
			66.11	0.00	77482.56	224814.74
127+50	34.84	0				
			62.56	0.00	77545.11	224814.74
128+00	32.72	0				
			58.18	0.00	77603.29	224814.74
128+50	30.11	0				
			53.70	0.00	77656.99	224814.74

129+00	27.89	0				
			49.27	0.00	77706.26	224814.74
129+50	25.32	0				
			44.54	0.00	77750.80	224814.74
130+00	22.78	0				
			39.53	0.00	77790.32	224814.74
130+50	19.91	0				
			34.71	0.00	77825.04	224814.74
131+00	17.58	0				
			30.29	0.00	77855.32	224814.74
131+50	15.13	0				
			25.58	0.00	77880.91	224814.74
132+00	12.5	0				
			20.60	0.00	77901.51	224814.74
132+50	9.75	0				
			15.44	0.00	77916.94	224814.74
133+00	6.92	0				
			10.90	0.00	77927.84	224814.74
133+50	4.85	0				
			6.71	0.00	77934.56	224814.74
134+00	2.4	0				
			2.23	0.31	77936.79	224815.06
134+50	0.01	0.34				
			0.01	3.15	77936.80	224818.20
135+00	0	3.06				
			0.00	8.23	77936.80	224826.44
135+50	0	5.83				
			0.00	13.66	77936.80	224840.09
136+00	0	8.92				
			0.00	19.15	77936.80	224859.24
136+50	0	11.76				
			0.00	24.69	77936.80	224883.93
137+00	0	14.9				
			0.00	30.79	77936.80	224914.71
137+50	0	18.35				
			0.00	37.76	77936.80	224952.47
138+00	0	22.43				
			0.00	45.65	77936.80	224998.12
138+50	0	26.87				
			0.00	54.23	77936.80	225052.35
139+00	0	31.7				
			0.00	63.68	77936.80	225116.03
139+50	0	37.07				
			0.00	74.17	77936.80	225190.19
140+00	0	43.03				
			0.00	87.45	77936.80	225277.65
140+50	0	51.42				
			0.00	104.13	77936.80	225381.78
141+00	0	61.04				
			0.00	123.06	77936.80	225504.83
141+50	0	71.86				
			0.00	144.38	77936.80	225649.21

142+00	0	84.07				
			0.00	168.00	77936.80	225817.21
142+50	0	97.37				
			0.00	193.65	77936.80	226010.86
143+00	0	111.77				
			0.00	221.79	77936.80	226232.65
143+50	0	127.76				
			0.00	255.74	77936.80	226488.39
144+00	0	148.44				
			0.00	299.14	77936.80	226787.53
144+50	0	174.63				
			0.00	354.82	77936.80	227142.35
145+00	0	208.58				
			0.00	420.06	77936.80	227562.42
145+50	0	245.09				
			0.00	486.58	77936.80	228049.00
146+00	0	280.42				
			0.00	552.60	77936.80	228601.60
146+50	0	316.39				
			0.00	622.48	77936.80	229224.08
147+00	0	355.89				
			0.00	697.69	77936.80	229921.78
147+50	0	397.62				
			0.00	776.54	77936.80	230698.31
148+00	0	441.04				
			0.00	859.11	77936.80	231557.43
148+50	0	486.8				
			0.00	948.31	77936.80	232505.74
149+00	0	537.38				
			0.00	1046.03	77936.80	233551.77
149+50	0	592.33				
			0.00	1151.11	77936.80	234702.88
150+00	0	650.87				
			0.00	1263.79	77936.80	235966.67
150+50	0	714.02				
			0.00	1385.86	77936.80	237352.53
151+00	0	782.71				
			0.00	1516.24	77936.80	238868.77
151+50	0	854.83				
			0.00	1654.46	77936.80	240523.23
152+00	0	931.99				
			0.00	1808.26	77936.80	242331.49
152+50	0	1020.93				
			0.00	2019.57	77936.80	244351.06
153+00	0	1160.21				
			0.00	2325.31	77936.80	246676.37
153+50	0	1351.12				
			0.00	2637.56	77936.80	249313.94
154+00	0	1497.45				
			0.00	2811.19	77936.80	252125.13
154+50	0	1538.64				
			0.00	2871.67	77936.80	254996.80

155+00	0	1562.76				
			0.00	2922.31	77936.80	257919.10
155+50	0	1593.33				
			0.00	2993.56	77936.80	260912.66
156+00	0	1639.71				
			0.00	3105.19	77936.80	264017.85
156+50	0	1713.9				
			0.00	3270.57	77936.80	267288.43
157+00	0	1818.32				
			0.00	3468.58	77936.80	270757.01
157+50	0	1927.75				
			0.00	3648.50	77936.80	274405.51
158+00	0	2012.63				
			0.00	3786.06	77936.80	278191.57
158+50	0	2076.32				
			0.00	3900.02	77936.80	282091.59
159+00	0	2135.7				
			0.00	4008.25	77936.80	286099.84
159+50	0	2193.21				
			0.00	4108.98	77936.80	290208.82
160+00	0	2244.49				
			0.00	4175.86	77936.80	294384.69
160+50	0	2265.44				
			0.00	4194.39	77936.80	298579.07
161+00	0	2264.5				
			0.00	4226.77	77936.80	302805.84
161+50	0	2300.41				
			0.00	4355.32	77936.80	307161.17
162+00	0	2403.34				
			0.00	4608.37	77936.80	311769.54
162+50	0	2573.7				
			0.00	4909.57	77936.80	316679.11
163+00	0	2728.64				
			0.00	5092.29	77936.80	321771.40
163+50	0	2771.03				
			0.00	5085.35	77936.80	326856.75
164+00	0	2721.15				
			0.00	4823.41	77936.80	331680.16
164+50	0	2488.13				
			0.00	4231.75	77936.80	335911.91
165+00	0	2082.16				
			0.00	3381.75	77936.80	339293.66
165+50	0	1570.13				
			0.00	2667.38	77936.80	341961.04
166+00	0	1310.64				
			0.00	2326.87	77936.80	344287.91
166+50	0	1202.38				
			0.00	2143.52	77936.80	346431.43
167+00	0	1112.62				
			0.00	1982.94	77936.80	348414.37
167+50	0	1028.96				
			0.00	1827.82	77936.80	350242.19

168+00	0	945.09				
			0.00	1677.93	77936.80	351920.12
168+50	0	867.07				
			0.00	1548.87	77936.80	353468.99
169+00	0	805.71				
			0.00	1452.54	77936.80	354921.53
169+50	0	763.03				
			0.00	1386.44	77936.80	356307.96
170+00	0	734.32				
			0.00	1343.34	77936.80	357651.31
170+50	0	716.49				
			0.00	1317.60	77936.80	358968.91
171+00	0	706.52				
			0.00	1303.71	77936.80	360272.62
171+50	0	701.49				
			0.00	1296.04	77936.80	361568.66
172+00	0	698.23				
			0.00	1287.50	77936.80	362856.16
172+50	0	692.27				
			0.00	1273.88	77936.80	364130.04
173+00	0	683.52				
			0.00	1255.43	77936.80	365385.46
173+50	0	672.34				
			0.00	1235.26	77936.80	366620.72
174+00	0	661.74				
			0.00	1218.98	77936.80	367839.70
174+50	0	654.76				
			0.00	1205.70	77936.80	369045.41
175+00	0	647.4				
			0.00	1192.90	77936.80	370238.31
175+50	0	640.93				
			0.00	1180.96	77936.80	371419.27
176+00	0	634.51				
			0.00	1169.31	77936.80	372588.58
176+50	0	628.35				
			0.00	1159.29	77936.80	373747.87
177+00	0	623.68				
			0.00	1150.81	77936.80	374898.69
177+50	0	619.2				
			0.00	1143.40	77936.80	376042.08
178+00	0	615.67				
			0.00	1131.75	77936.80	377173.83
178+50	0	606.62				
			0.00	1109.75	77936.80	378283.58
179+00	0	591.91				
			0.00	1074.12	77936.80	379357.70
179+50	0	568.14				
			0.00	1025.50	77936.80	380383.20
180+00	0	539.4				
			0.00	974.59	77936.80	381357.80
180+50	0	513.16				
			0.00	928.33	77936.80	382286.13

181+00	0	489.44				
			0.00	884.69	77936.80	383170.82
181+50	0	466.03				
			0.00	839.69	77936.80	384010.51
182+00	0	440.83				
			0.00	789.66	77936.80	384800.17
182+50	0	412				
			0.00	738.51	77936.80	385538.68
183+00	0	385.59				
			0.00	692.48	77936.80	386231.16
183+50	0	362.29				
			0.00	650.74	77936.80	386881.90
184+00	0	340.51				
			0.00	610.90	77936.80	387492.80
184+50	0	319.26				
			0.00	570.85	77936.80	388063.65
185+00	0	297.26				
			0.00	532.87	77936.80	388596.52
185+50	0	278.24				
			0.00	498.05	77936.80	389094.56
186+00	0	259.65				
			0.00	465.67	77936.80	389560.23
186+50	0	243.27				
			0.00	440.81	77936.80	390001.04
187+00	0	232.8				
			0.00	422.31	77936.80	390423.34
187+50	0	223.29				
			0.00	404.83	77936.80	390828.18
188+00	0	213.93				
			0.00	387.91	77936.80	391216.08
188+50	0	205.01				
			0.00	370.72	77936.80	391586.81
189+00	0	195.37				
			0.00	352.49	77936.80	391939.30
189+50	0	185.32				
			0.00	334.23	77936.80	392273.53
190+00	0	175.65				
			0.00	318.56	77936.80	392592.09
190+50	0	168.4				
			0.00	305.18	77936.80	392897.27
191+00	0	161.19				
			0.00	292.26	77936.80	393189.53
191+50	0	154.45				
			0.00	278.91	77936.80	393468.44
192+00	0	146.77				
			0.00	262.85	77936.80	393731.29
192+50	0	137.11				
			0.00	244.62	77936.80	393975.91
193+00	0	127.08				
			0.00	225.76	77936.80	394201.67
193+50	0	116.74				
			0.00	205.97	77936.80	394407.64

194+00	0	105.71				
			0.00	185.50	77936.80	394593.14
194+50	0	94.63				
			0.00	166.49	77936.80	394759.63
195+00	0	85.18				
			0.00	149.60	77936.80	394909.23
195+50	0	76.39				
			0.00	134.00	77936.80	395043.23
196+00	0	68.33				
			0.00	119.55	77936.80	395162.78
196+50	0	60.78				
			0.00	106.02	77936.80	395268.80
197+00	0	53.72				
			0.00	93.07	77936.80	395361.87
197+50	0	46.8				
			0.00	79.82	77936.80	395441.69
198+00	0	39.41				
			0.00	66.69	77936.80	395508.38
198+50	0	32.61				
			0.00	55.16	77936.80	395563.54
199+00	0	26.96				
			0.00	45.33	77936.80	395608.87
199+50	0	22				
			0.00	36.20	77936.80	395645.07
200+00	0	17.1				
			0.00	27.31	77936.80	395672.38
200+50	0	12.39				
			0.00	18.97	77936.80	395691.35
201+00	0	8.1				
			2.29	7.50	77939.08	395698.85
201+50	2.47	0				
			21.13	0.00	77960.21	395698.85
202+00	20.35	0				
			55.27	0.00	78015.48	395698.85
202+50	39.34	0				
			91.03	0.00	78106.51	395698.85
203+00	58.97	0				
			128.48	0.00	78234.99	395698.85
203+50	79.79	0				
			169.11	0.00	78404.10	395698.85
204+00	102.85	0				
			212.50	0.00	78616.60	395698.85
204+50	126.65	0				
			257.71	0.00	78874.31	395698.85
205+00	151.68	0				
			305.37	0.00	79179.69	395698.85
205+50	178.12	0				
			355.60	0.00	79535.29	395698.85
206+00	205.93	0				
			407.49	0.00	79942.78	395698.85
206+50	234.16	0				
			460.39	0.00	80403.17	395698.85

207+00	263.06	0				
			515.55	0.00	80918.71	395698.85
207+50	293.73	0				
			572.90	0.00	81491.61	395698.85
208+00	325	0				
			632.09	0.00	82123.70	395698.85
208+50	357.66	0				
			692.20	0.00	82815.91	395698.85
209+00	389.92	0				
			752.78	0.00	83568.69	395698.85
209+50	423.08	0				
			814.79	0.00	84383.47	395698.85
210+00	456.89	0				
			876.52	0.00	85259.99	395698.85
210+50	489.75	0				
			937.30	0.00	86197.29	395698.85
211+00	522.53	0				
			997.79	0.00	87195.07	395698.85
211+50	555.08	0				
			1057.48	0.00	88252.56	395698.85
212+00	587	0				
			1115.45	0.00	89368.01	395698.85
212+50	617.69	0				
			1169.30	0.00	90537.31	395698.85
213+00	645.15	0				
			1218.06	0.00	91755.37	395698.85
213+50	670.36	0				
			1263.50	0.00	93018.87	395698.85
214+00	694.22	0				
			1309.57	0.00	94328.44	395698.85
214+50	720.12	0				
			1353.66	0.00	95682.10	395698.85
215+00	741.83	0				
			1390.43	0.00	97072.53	395698.85
215+50	759.83	0				
			1418.80	0.00	98491.32	395698.85
216+00	772.47	0				
			1437.33	0.00	99928.66	395698.85
216+50	779.85	0				
			1451.80	0.00	101380.45	395698.85
217+00	788.09	0				
			1473.19	0.00	102853.64	395698.85
217+50	802.95	0				
			1513.31	0.00	104366.94	395698.85
218+00	831.42	0				
			1569.17	0.00	105936.11	395698.85
218+50	863.28	0				
			1630.83	0.00	107566.94	395698.85
219+00	898.02	0				
			1695.67	0.00	109262.61	395698.85
219+50	933.3	0				
			1763.06	0.00	111025.67	395698.85

220+00	970.8	0				
			1833.04	0.00	112858.70	395698.85
220+50	1008.88	0				
			1903.83	0.00	114762.54	395698.85
221+00	1047.26	0				
			1973.22	0.00	116735.76	395698.85
221+50	1083.82	0				
			2039.91	0.00	118775.67	395698.85
222+00	1119.28	0				
			2107.70	0.00	120883.37	395698.85
222+50	1157.04	0				
			2177.61	0.00	123060.98	395698.85
223+00	1194.78	0				
			2242.69	0.00	125303.68	395698.85
223+50	1227.33	0				
			2316.49	0.00	127620.17	395698.85
224+00	1274.48	0				
			2422.25	0.00	130042.42	395698.85
224+50	1341.55	0				
			2564.41	0.00	132606.82	395698.85
225+00	1428.01	0				
			2748.40	0.00	135355.22	395698.85
225+50	1540.26	0				
			2969.71	0.00	138324.94	395698.85
226+00	1667.03	0				
			3223.29	0.00	141548.22	395698.85
226+50	1814.12	0				
			3527.16	0.00	145075.38	395698.85
227+00	1995.21	0				
			3904.96	0.00	148980.34	395698.85
227+50	2222.15	0				
			4334.60	0.00	153314.94	395698.85
228+00	2459.22	0				
			4742.98	0.00	158057.93	395698.85
228+50	2663.2	0				
			5082.75	0.00	163140.68	395698.85
229+00	2826.17	0				
			5351.27	0.00	168491.94	395698.85
229+50	2953.2	0				
			5554.30	0.00	174046.24	395698.85
230+00	3045.44	0				
			5715.31	0.00	179761.55	395698.85
230+50	3127.09	0				
			5858.42	0.00	185619.96	395698.85
231+00	3200	0				
			5984.06	0.00	191604.03	395698.85
231+50	3262.79	0				
			6095.81	0.00	197699.84	395698.85
232+00	3320.69	0				
			6179.62	0.00	203879.46	395698.85
232+50	3353.3	0				
			6225.38	0.00	210104.84	395698.85

233+00	3370.11	0				
			6246.22	0.00	216351.06	395698.85
233+50	3375.81	0				
			6251.35	0.00	222602.42	395698.85
234+00	3375.65	0				
			6250.03	0.00	228852.44	395698.85
234+50	3374.38	0				
			6243.82	0.00	235096.27	395698.85
235+00	3368.95	0				
			6231.12	0.00	241327.39	395698.85
235+50	3360.66	0				
			6219.67	0.00	247547.06	395698.85
236+00	3356.58	0				
			6209.05	0.00	253756.10	395698.85
236+50	3349.19	0				
			6195.14	0.00	259951.24	395698.85
237+00	3341.56	0				
			6186.94	0.00	266138.19	395698.85
237+50	3340.34	0				
			6177.56	0.00	272315.74	395698.85
238+00	3331.42	0				
			6157.49	0.00	278473.23	395698.85
238+50	3318.67	0				
			6122.42	0.00	284595.65	395698.85
239+00	3293.54	0				
			6071.07	0.00	290666.72	395698.85
239+50	3263.22	0				
			6014.13	0.00	296680.85	395698.85
240+00	3232.04	0				
			5966.42	0.00	302647.27	395698.85
240+50	3211.69	0				
			5909.73	0.00	308557.00	395698.85
241+00	3170.82	0				
			5817.79	0.00	314374.79	395698.85
241+50	3112.39	0				
			5640.42	0.00	320015.20	395698.85
242+00	2979.26	0				
			5360.07	0.00	325375.28	395698.85
242+50	2809.62	0				
			5051.43	0.00	330426.70	395698.85
243+00	2645.92	0				
			4779.60	0.00	335206.31	395698.85
243+50	2516.05	0				
			4597.32	0.00	339803.63	395698.85
244+00	2449.06	0				
			4544.47	0.00	344348.10	395698.85
244+50	2458.97	0				
			4638.11	0.00	348986.21	395698.85
245+00	2550.19	0				
			4821.34	0.00	353807.56	395698.85
245+50	2656.86	0				
			4982.36	0.00	358789.92	395698.85

246+00	2724.09	0				
			5035.03	0.00	363824.94	395698.85
246+50	2713.74	0				
			4902.26	0.00	368727.20	395698.85
247+00	2580.7	0				
			4614.35	0.00	373341.56	395698.85
247+50	2402.8	0				
			4254.97	0.00	377596.53	395698.85
248+00	2192.57	0				
			3827.79	0.00	381424.31	395698.85
248+50	1941.44	0				
			3365.22	0.00	384789.54	395698.85
249+00	1693	0				
			2983.21	0.00	387772.75	395698.85
249+50	1528.87	0				
			2722.62	0.00	390495.37	395698.85
250+00	1411.56	0				
			2506.45	0.00	393001.82	395698.85
250+50	1295.41	0				
			2336.90	0.00	395338.72	395698.85
251+00	1228.44	0				
			2297.53	0.00	397636.25	395698.85
251+50	1252.89	0				
			2473.01	0.00	400109.26	395698.85
252+00	1417.96	0				
			2827.67	0.00	402936.93	395698.85
252+50	1635.92	0				
			3178.99	0.00	406115.92	395698.85
253+00	1797.39	0				
			3354.03	0.00	409469.94	395698.85
253+50	1824.96	0				
			3269.11	0.00	412739.06	395698.85
254+00	1705.68	0				
			2983.80	0.00	415722.85	395698.85
254+50	1516.82	0				
			2647.38	0.00	418370.23	395698.85
255+00	1342.35	0				
			2328.83	0.00	420699.06	395698.85
255+50	1172.79	0				
			2011.84	0.00	422710.91	395698.85
256+00	1000	0				
			1702.65	0.00	424413.56	395698.85
256+50	838.86	0				
			1455.01	0.00	425868.56	395698.85
257+00	732.55	0				
			1273.56	0.00	427142.12	395698.85
257+50	642.89	0				
			1213.81	0.00	428355.94	395698.85
258+00	668.03	0				
			1422.31	0.00	429778.25	395698.85
258+50	868.07	0				
			1744.38	0.00	431522.63	395698.85

259+00	1015.86	0				
			1934.80	0.00	433457.43	395698.85
259+50	1073.72	0				
			2047.21	0.00	435504.64	395698.85
260+00	1137.27	0				
			2179.26	0.00	437683.90	395698.85
260+50	1216.33	0				
			2324.69	0.00	440008.58	395698.85
261+00	1294.33	0				
			2447.76	0.00	442456.34	395698.85
261+50	1349.25	0				
			2506.86	0.00	444963.20	395698.85
262+00	1358.16	0				
			2473.77	0.00	447436.97	395698.85
262+50	1313.51	0				
			2348.94	0.00	449785.92	395698.85
263+00	1223.35	0				
			2141.23	0.00	451927.15	395698.85
263+50	1089.18	0				
			1917.21	0.00	453844.36	395698.85
264+00	981.41	0				
			1737.19	0.00	455581.56	395698.85
264+50	894.76	0				
			1574.96	0.00	457156.52	395698.85
265+00	806.2	0				
			1416.13	0.00	458572.65	395698.85
265+50	723.22	0				
			1264.67	0.00	459837.31	395698.85
266+00	642.62	0				
			1142.45	0.00	460979.77	395698.85
266+50	591.23	0				
			1068.35	0.00	462048.12	395698.85
267+00	562.59	0				
			1033.98	0.00	463082.10	395698.85
267+50	554.11	0				
			1023.89	0.00	464105.99	395698.85
268+00	551.69	0				
			1022.73	0.00	465128.72	395698.85
268+50	552.86	0				
			1064.18	0.00	466192.90	395698.85
269+00	596.45	0				
			1163.52	0.00	467356.42	395698.85
269+50	660.15	0				
			1284.81	0.00	468641.22	395698.85
270+00	727.44	0				
			1384.38	0.00	470025.60	395698.85
270+50	767.69	0				
			1437.28	0.00	471462.88	395698.85
271+00	784.57	0				
			1460.79	0.00	472923.67	395698.85
271+50	793.08	0				
			1484.22	0.00	474407.89	395698.85

272+00	809.88	0				
			1554.44	0.00	475962.33	395698.85
272+50	868.92	0				
			1728.98	0.00	477691.31	395698.85
273+00	998.38	0				
			2025.15	0.00	479716.46	395698.85
273+50	1188.78	0				
			2356.88	0.00	482073.34	395698.85
274+00	1356.65	0				
			2552.40	0.00	484625.74	395698.85
274+50	1399.94	0				
			2572.53	0.00	487198.27	395698.85
275+00	1378.39	0				
			2638.09	0.00	489836.36	395698.85
275+50	1470.75	0				
			2799.66	0.00	492636.02	395698.85
276+00	1552.88	0				
			2941.45	0.00	495577.47	395698.85
276+50	1623.89	0				
			3153.93	0.00	498731.40	395698.85
277+00	1782.35	0				
			3424.71	0.00	502156.11	395698.85
277+50	1916.34	0				
			3620.08	0.00	505776.19	395698.85
278+00	1993.35	0				
			3754.06	0.00	509530.26	395698.85
278+50	2061.04	0				
			3917.19	0.00	513447.44	395698.85
279+00	2169.52	0				
			4088.86	0.00	517536.31	395698.85
279+50	2246.45	0				
			4171.06	0.00	521707.36	395698.85
280+00	2258.29	0				
			4167.93	0.00	525875.29	395698.85
280+50	2243.07	0				
			4109.57	0.00	529984.86	395698.85
281+00	2195.27	0				
			4031.43	0.00	534016.29	395698.85
281+50	2158.67	0				
			3990.87	0.00	538007.16	395698.85
282+00	2151.47	0				
			3971.75	0.00	541978.91	395698.85
282+50	2138.02	0				
			3933.86	0.00	545912.77	395698.85
283+00	2110.55	0				
			3875.87	0.00	549788.64	395698.85
283+50	2075.39	0				
			3799.60	0.00	553588.24	395698.85
284+00	2028.18	0				
			3694.90	0.00	557283.14	395698.85
284+50	1962.31	0				
			3570.00	0.00	560853.14	395698.85

285+00	1893.29	0				
			3431.23	0.00	564284.37	395698.85
285+50	1812.44	0				
			3267.52	0.00	567551.89	395698.85
286+00	1716.48	0				
			3081.32	0.00	570633.21	395698.85
286+50	1611.35	0				
			2883.32	0.00	573516.54	395698.85
287+00	1502.64	0				
			2697.95	0.00	576214.49	395698.85
287+50	1411.15	0				
			2539.25	0.00	578753.74	395698.85
288+00	1331.24	0				
			2395.34	0.00	581149.08	395698.85
288+50	1255.73	0				
			2248.73	0.00	583397.81	395698.85
289+00	1172.9	0				
			2100.43	0.00	585498.24	395698.85
289+50	1095.56	0				
			1967.85	0.00	587466.09	395698.85
290+00	1029.72	0				
			1856.69	0.00	589322.78	395698.85
290+50	975.5	0				
			1766.81	0.00	591089.59	395698.85
291+00	932.66	0				
			1687.37	0.00	592776.96	395698.85
291+50	889.7	0				
			1611.79	0.00	594388.75	395698.85
292+00	851.03	0				
			1539.26	0.00	595928.01	395698.85
292+50	811.37	0				
			1472.41	0.00	597400.42	395698.85
293+00	778.83	0				
			1417.69	0.00	598818.11	395698.85
293+50	752.28	0				
			1381.48	0.00	600199.59	395698.85
294+00	739.72	0				
			1375.31	0.00	601574.91	395698.85
294+50	745.62	0				
			1402.81	0.00	602977.71	395698.85
295+00	769.41	0				
			1444.91	0.00	604422.62	395698.85
295+50	791.09	0				
			1479.81	0.00	605902.43	395698.85
296+00	807.1	0				
			1486.60	0.00	607389.03	395698.85
296+50	798.43	0				
			1458.32	0.00	608847.35	395698.85
297+00	776.56	0				
			1412.19	0.00	610259.55	395698.85
297+50	748.61	0				
			1361.57	0.00	611621.12	395698.85

298+00	721.89	0				
			1315.31	0.00	612936.44	395698.85
298+50	698.65	0				
			1300.64	0.00	614237.07	395698.85
299+00	706.04	0				
			1354.31	0.00	615591.38	395698.85
299+50	756.61	0				
			1463.42	0.00	617054.80	395698.85
300+00	823.88	0				
			1559.89	0.00	618614.69	395698.85
300+50	860.8	0				
			1600.75	0.00	620215.44	395698.85
301+00	868.01	0				
			1611.94	0.00	621827.37	395698.85
301+50	872.88	0				
			1622.91	0.00	623450.28	395698.85
302+00	879.86	0				
			1631.44	0.00	625081.72	395698.85
302+50	882.1	0				
			1610.39	0.00	626692.11	395698.85
303+00	857.12	0				
			1497.26	0.00	628189.37	395698.85
303+50	759.92	0				
			1297.70	0.00	629487.07	395698.85
304+00	641.6	0				
			1104.39	0.00	630591.46	395698.85
304+50	551.14	0				
			950.30	0.00	631541.76	395698.85
305+00	475.18	0				
			804.43	0.00	632346.19	395698.85
305+50	393.6	0				
			646.86	0.00	632993.05	395698.85
306+00	305.01	0				
			490.47	0.00	633483.52	395698.85
306+50	224.7	0				
			359.47	0.00	633842.99	395698.85
307+00	163.53	0				
			262.21	0.00	634105.20	395698.85
307+50	119.66	0				
			198.48	0.00	634303.69	395698.85
308+00	94.7	0				
			166.91	0.00	634470.59	395698.85
308+50	85.56	0				
			151.34	0.00	634621.94	395698.85
309+00	77.89	0				
			138.26	0.00	634760.19	395698.85
309+50	71.43	0				
			126.49	0.00	634886.69	395698.85
310+00	65.18	0				
			113.97	0.00	635000.66	395698.85
310+50	57.91	0				
			97.81	0.00	635098.47	395698.85

311+00	47.73	0				
			78.45	0.00	635176.93	395698.85
311+50	37	0				
			59.33	0.00	635236.26	395698.85
312+00	27.08	0				
			42.99	0.00	635279.25	395698.85
312+50	19.35	0				
			30.86	0.00	635310.11	395698.85
313+00	13.98	0				
			21.54	0.00	635331.65	395698.85
313+50	9.28	0				
			13.06	0.00	635344.70	395698.85
314+00	4.82	0				
			4.90	0.07	635349.60	395698.93
314+50	0.47	0.08				
			0.44	4.39	635350.04	395703.31
315+00	0	4.66				
			0.00	13.62	635350.04	395716.94
315+50	0	10.05				
			0.00	21.44	635350.04	395738.38
316+00	0	13.11				
			0.00	25.54	635350.04	395763.92
316+50	0	14.47				
			0.00	32.31	635350.04	395796.22
317+00	0	20.42				
			0.00	56.10	635350.04	395852.32
317+50	0	40.17				
			0.00	96.17	635350.04	395948.49
318+00	0	63.69				
			0.00	138.05	635350.04	396086.54
318+50	0	85.4				
			0.00	176.17	635350.04	396262.70
319+00	0	104.86				
			0.00	209.35	635350.04	396472.06
319+50	0	121.24				
			0.00	237.27	635350.04	396709.32
320+00	0	135.01				
			0.00	263.85	635350.04	396973.18
320+50	0	149.95				
			0.00	294.58	635350.04	397267.76
321+00	0	168.2				
			0.00	332.56	635350.04	397600.31
321+50	0	190.96				
			0.00	380.03	635350.04	397980.34
322+00	0	219.47				
			0.00	435.60	635350.04	398415.94
322+50	0	250.98				
			0.00	495.47	635350.04	398911.42
323+00	0	284.13				
			0.00	557.19	635350.04	399468.60
323+50	0	317.63				
			0.00	626.97	635350.04	400095.57

324+00	0	359.5				
			0.00	715.99	635350.04	400811.56
324+50	0	413.77				
			0.00	820.10	635350.04	401631.67
325+00	0	471.94				
			0.00	934.75	635350.04	402566.42
325+50	0	537.59				
			0.00	1058.85	635350.04	403625.27
326+00	0	605.97				
			0.00	1184.26	635350.04	404809.53
326+50	0	673.03				
			0.00	1305.49	635350.04	406115.02
327+00	0	736.9				
			0.00	1412.78	635350.04	407527.80
327+50	0	788.9				
			0.00	1500.19	635350.04	409027.99
328+00	0	831.31				
			0.00	1574.07	635350.04	410602.06
328+50	0	868.69				
			0.00	1640.46	635350.04	412242.53
329+00	0	903.01				
			0.00	1698.40	635350.04	413940.93
329+50	0	931.26				
			0.00	1757.57	635350.04	415698.50
330+00	0	966.92				
			0.00	1827.72	635350.04	417526.22
330+50	0	1007.02				
			0.00	1904.29	635350.04	419430.51
331+00	0	1049.61				
			0.00	1982.69	635350.04	421413.19
331+50	0	1091.69				
			0.00	2051.92	635350.04	423465.11
332+00	0	1124.38				
			0.00	2108.46	635350.04	425573.57
332+50	0	1152.76				
			0.00	2167.11	635350.04	427740.69
333+00	0	1187.72				
			0.00	2229.52	635350.04	429970.20
333+50	0	1220.16				
			0.00	2258.91	635350.04	432229.11
334+00	0	1219.46				
			0.00	2159.73	635350.04	434388.84
334+50	0	1113.05				
			0.00	1913.40	635350.04	436302.24
335+00	0	953.42				
			0.00	1645.93	635350.04	437948.17
335+50	0	824.18				
			0.00	1371.77	635350.04	439319.94
336+00	0	657.33				
			0.00	1080.76	635350.04	440400.69
336+50	0	509.89				
			0.00	856.76	635350.04	441257.45

337+00	0	415.41				
			0.00	720.17	635350.04	441977.62
337+50	0	362.37				
			0.00	642.43	635350.04	442620.05
338+00	0	331.45				
			0.00	595.56	635350.04	443215.60
338+50	0	311.75				
			0.00	561.92	635350.04	443777.52
339+00	0	295.12				
			0.00	529.08	635350.04	444306.60
339+50	0	276.29				
			0.00	487.50	635350.04	444794.10
340+00	0	250.21				
			0.00	432.71	635350.04	445226.81
340+50	0	217.12				
			0.00	367.99	635350.04	445594.81
341+00	0	180.31				
			0.00	300.31	635350.04	445895.11
341+50	0	144.02				
			0.00	236.06	635350.04	446131.18
342+00	0	110.93				
			0.00	174.99	635350.04	446306.17
342+50	0	78.06				
			0.00	118.27	635350.04	446424.44
343+00	0	49.67				
			0.00	69.54	635350.04	446493.97
343+50	0	25.43				
			0.00	28.88	635350.04	446522.85
344+00	0	5.76				
			8.55	5.33	635358.58	446528.19
344+50	9.23	0				
			28.54	0.00	635387.12	446528.19
345+00	21.59	0				
			50.12	0.00	635437.24	446528.19
345+50	32.54	0				
			67.25	0.00	635504.49	446528.19
346+00	40.09	0				
			77.35	0.00	635581.84	446528.19
346+50	43.45	0				
			80.68	0.00	635662.52	446528.19
347+00	43.68	0				
			81.26	0.00	635743.78	446528.19
347+50	44.08	0				
			83.53	0.00	635827.31	446528.19
348+00	46.13	0				
			86.05	0.00	635913.35	446528.19
348+50	46.8	0				
			85.31	0.00	635998.67	446528.19
349+00	45.34	0				
			82.08	0.00	636080.75	446528.19
349+50	43.31	0				
			79.90	0.00	636160.65	446528.19

350+00	42.98	0				
			77.69	0.00	636238.34	446528.19
350+50	40.93	0				
			72.53	0.00	636310.87	446528.19
351+00	37.4	0				
			65.07	0.00	636375.94	446528.19
351+50	32.88	0				
			57.82	0.00	636433.77	446528.19
352+00	29.57	0				
			51.03	0.00	636484.80	446528.19
352+50	25.54	0				
			43.33	0.00	636528.13	446528.19
353+00	21.26	0				
			35.82	0.00	636563.95	446528.19
353+50	17.43	0				
			29.52	0.00	636593.47	446528.19
354+00	14.45	0				
			25.16	0.00	636618.63	446528.19
354+50	12.72	0				
			23.25	0.00	636641.88	446528.19
355+00	12.39	0				
			23.37	0.00	636665.25	446528.19
355+50	12.85	0				
			23.81	0.00	636689.06	446528.19
356+00	12.86	0				
			25.81	0.00	636714.87	446528.19
356+50	15.02	0				
			31.29	0.00	636746.16	446528.19
357+00	18.77	0				
			39.19	0.00	636785.34	446528.19
357+50	23.55	0				
			49.06	0.00	636834.41	446528.19
358+00	29.44	0				
			59.43	0.00	636893.83	446528.19
358+50	34.74	0				
			71.29	0.00	636965.12	446528.19
359+00	42.25	0				
			86.61	0.00	637051.73	446528.19
359+50	51.29	0				
			103.25	0.00	637154.98	446528.19
360+00	60.22	0				
			119.47	0.00	637274.45	446528.19
360+50	68.81	0				
			134.65	0.00	637409.10	446528.19
361+00	76.61	0				
			148.35	0.00	637557.45	446528.19
361+50	83.61	0				
			161.14	0.00	637718.59	446528.19
362+00	90.42	0				
			172.57	0.00	637891.17	446528.19
362+50	95.96	0				
			182.19	0.00	638073.35	446528.19

363+00	100.8	0				
			188.58	0.00	638261.94	446528.19
363+50	102.87	0				
			191.44	0.00	638453.37	446528.19
364+00	103.88	0				
			191.88	0.00	638645.25	446528.19
364+50	103.35	0				
			190.56	0.00	638835.81	446528.19
365+00	102.46	0				
			188.66	0.00	639024.47	446528.19
365+50	101.29	0				
			185.80	0.00	639210.27	446528.19
366+00	99.37	0				
			182.61	0.00	639392.88	446528.19
366+50	97.85	0				
			179.80	0.00	639572.68	446528.19
367+00	96.33	0				
			176.93	0.00	639749.60	446528.19
367+50	94.75	0				
			173.78	0.00	639923.38	446528.19
368+00	92.93	0				
			170.05	0.00	640093.43	446528.19
368+50	90.72	0				
			166.29	0.00	640259.71	446528.19
369+00	88.87	0				
			162.82	0.00	640422.54	446528.19
369+50	86.98	0				
			159.20	0.00	640581.74	446528.19
370+00	84.96	0				
			155.48	0.00	640737.22	446528.19
370+50	82.96	0				
			151.82	0.00	640889.05	446528.19
371+00	81.01	0				
			148.98	0.00	641038.03	446528.19
371+50	79.89	0				
			147.70	0.00	641185.73	446528.19
372+00	79.63	0				
			147.74	0.00	641333.47	446528.19
372+50	79.93	0				
			148.75	0.00	641482.22	446528.19
373+00	80.72	0				
			150.55	0.00	641632.77	446528.19
373+50	81.87	0				
			153.17	0.00	641785.94	446528.19
374+00	83.55	0				
			156.57	0.00	641942.51	446528.19
374+50	85.55	0				
			161.54	0.00	642104.05	446528.19
375+00	88.91	0				
			168.69	0.00	642272.73	446528.19
375+50	93.27	0				
			177.28	0.00	642450.01	446528.19

376+00	98.19	0				
			187.43	0.00	642637.44	446528.19
376+50	104.23	0				
			199.61	0.00	642837.05	446528.19
377+00	111.35	0				
			213.08	0.00	643050.13	446528.19
377+50	118.78	0				
			226.12	0.00	643276.25	446528.19
378+00	125.43	0				
			238.47	0.00	643514.72	446528.19
378+50	132.12	0				
			250.48	0.00	643765.20	446528.19
379+00	138.4	0				
			262.56	0.00	644027.76	446528.19
379+50	145.16	0				
			274.26	0.00	644302.02	446528.19
380+00	151.04	0				
			284.86	0.00	644586.88	446528.19
380+50	156.61	0				
			295.08	0.00	644881.96	446528.19
381+00	162.08	0				
			304.93	0.00	645186.89	446528.19
381+50	167.24	0				
			315.36	0.00	645502.25	446528.19
382+00	173.35	0				
			326.38	0.00	645828.63	446528.19
382+50	179.14	0				
			336.74	0.00	646165.37	446528.19
383+00	184.54	0				
			347.92	0.00	646513.29	446528.19
383+50	191.21	0				
			359.64	0.00	646872.93	446528.19
384+00	197.2	0				
			370.94	0.00	647243.86	446528.19
384+50	203.41	0				
			381.34	0.00	647625.20	446528.19
385+00	208.44	0				
			390.83	0.00	648016.04	446528.19
385+50	213.66	0				
			402.09	0.00	648418.13	446528.19
386+00	220.6	0				
			415.83	0.00	648833.96	446528.19
386+50	228.5	0				
			430.36	0.00	649264.32	446528.19
387+00	236.29	0				
			444.18	0.00	649708.50	446528.19
387+50	243.42	0				
			457.56	0.00	650166.06	446528.19
388+00	250.74	0				
			469.76	0.00	650635.81	446528.19
388+50	256.6	0				
			479.31	0.00	651115.12	446528.19

389+00	261.05	0				
			487.55	0.00	651602.67	446528.19
389+50	265.5	0				
			496.75	0.00	652099.42	446528.19
390+00	270.99	0				
			506.39	0.00	652605.81	446528.19
390+50	275.91	0				
			514.65	0.00	653120.45	446528.19
391+00	279.91	0				
			521.81	0.00	653642.26	446528.19
391+50	283.64	0				
			527.11	0.00	654169.37	446528.19
392+00	285.64	0				
			527.92	0.00	654697.29	446528.19
392+50	284.51	0				
			525.63	0.00	655222.92	446528.19
393+00	283.17	0				
			522.85	0.00	655745.77	446528.19
393+50	281.51	0				
			519.37	0.00	656265.14	446528.19
394+00	279.41	0				
			515.17	0.00	656780.31	446528.19
394+50	276.97	0				
			509.70	0.00	657290.01	446528.19
395+00	273.51	0				
			501.10	0.00	657791.11	446528.19
395+50	267.68	0				
			490.94	0.00	658282.05	446528.19
396+00	262.53	0				
			482.27	0.00	658764.31	446528.19
396+50	258.32	0				
			473.28	0.00	659237.59	446528.19
397+00	252.82	0				
			463.10	0.00	659700.69	446528.19
397+50	247.33	0				
			453.88	0.00	660154.57	446528.19
398+00	242.86	0				
			447.40	0.00	660601.97	446528.19
398+50	240.33	0				
			446.56	0.00	661048.53	446528.19
399+00	241.95	0				
			469.19	0.00	661517.71	446528.19
399+50	264.77	0				
			489.17	0.00	662006.88	446528.19
400+00	263.53	0				
			481.44	0.00	662488.32	446528.19
400+50	256.43	0				
			467.86	0.00	662956.19	446528.19
401+00	248.86	0				
			452.78	0.00	663408.96	446528.19
401+50	240.14	0				
			437.30	0.00	663846.26	446528.19

402+00	232.14	0				
			423.67	0.00	664269.93	446528.19
402+50	225.42	0				
			411.07	0.00	664681.00	446528.19
403+00	218.54	0				
			398.56	0.00	665079.56	446528.19
403+50	211.9	0				
			386.91	0.00	665466.46	446528.19
404+00	205.96	0				
			376.14	0.00	665842.60	446528.19
404+50	200.27	0				
			366.77	0.00	666209.37	446528.19
405+00	195.84	0				
			358.69	0.00	666568.06	446528.19
405+50	191.55	0				
			350.58	0.00	666918.65	446528.19
406+00	187.08	0				
			342.14	0.00	667260.79	446528.19
406+50	182.43	0				
			333.25	0.00	667594.04	446528.19
407+00	177.48	0				
			323.75	0.00	667917.79	446528.19
407+50	172.17	0				
			313.19	0.00	668230.98	446528.19
408+00	166.08	0				
			301.13	0.00	668532.11	446528.19
408+50	159.14	0				
			286.85	0.00	668818.96	446528.19
409+00	150.66	0				
			271.21	0.00	669090.18	446528.19
409+50	142.25	0				
			256.81	0.00	669346.98	446528.19
410+00	135.1	0				
			244.99	0.00	669591.97	446528.19
410+50	129.49	0				
			234.40	0.00	669826.37	446528.19
411+00	123.66	0				
			223.59	0.00	670049.96	446528.19
411+50	117.82	0				
			212.31	0.00	670262.27	446528.19
412+00	111.47	0				
			200.58	0.00	670462.85	446528.19
412+50	105.16	0				
			188.52	0.00	670651.37	446528.19
413+00	98.44	0				
			175.44	0.00	670826.81	446528.19
413+50	91.03	0				
			160.77	0.00	670987.57	446528.19
414+00	82.6	0				
			146.60	0.00	671134.18	446528.19
414+50	75.73	0				
			134.27	0.00	671268.44	446528.19

415+00	69.28	0				
			122.26	0.00	671390.70	446528.19
415+50	62.76	0				
			110.02	0.00	671500.72	446528.19
416+00	56.06	0				
			97.74	0.00	671598.46	446528.19
416+50	49.5	0				
			85.37	0.00	671683.83	446528.19
417+00	42.7	0				
			73.07	0.00	671756.91	446528.19
417+50	36.22	0				
			61.38	0.00	671818.29	446528.19
418+00	30.07	0				
			49.83	0.00	671868.12	446528.19
418+50	23.75	0				
			39.02	0.00	671907.14	446528.19
419+00	18.39	0				
			29.68	0.00	671936.81	446528.19
419+50	13.66	0				
			22.17	0.00	671958.98	446528.19
420+00	10.28	0				
			16.46	0.00	671975.44	446528.19
420+50	7.5	0				
			11.99	0.00	671987.44	446528.19
421+00	5.45	0				
			8.91	0.00	671996.34	446528.19
421+50	4.17	0				
			6.56	0.01	672002.91	446528.19
422+00	2.92	0.01				
			4.55	0.14	672007.45	446528.33
422+50	1.99	0.14				
			3.39	0.34	672010.84	446528.68
423+00	1.67	0.23				
			5.21	0.21	672016.06	446528.89
423+50	3.96	0				
			9.56	0.00	672025.62	446528.89
424+00	6.37	0				
			13.64	0.00	672039.26	446528.89
424+50	8.36	0				
			17.67	0.00	672056.93	446528.89
425+00	10.72	0				
			23.54	0.00	672080.46	446528.89
425+50	14.7	0				
			30.16	0.00	672110.62	446528.89
426+00	17.87	0				
			37.97	0.00	672148.59	446528.89
426+50	23.14	0				
			54.53	0.00	672203.12	446528.89
427+00	35.75	0				
			82.51	0.00	672285.63	446528.89
427+50	53.36	0				
			116.42	0.00	672402.05	446528.89

428+00	72.37	0				
			154.44	0.00	672556.48	446528.89
428+50	94.42	0				
			198.61	0.00	672755.09	446528.89
429+00	120.08	0				
			250.78	0.00	673005.87	446528.89
429+50	150.76	0				
			315.36	0.00	673321.23	446528.89
430+00	189.83	0				
			406.20	0.00	673727.44	446528.89
430+50	248.87	0				
			542.18	0.00	674269.61	446528.89
431+00	336.68	0				
			719.94	0.00	674989.55	446528.89
431+50	440.85	0				
			915.85	0.00	675905.40	446528.89
432+00	548.27	0				
			1123.83	0.00	677029.23	446528.89
432+50	665.47	0				
			1338.35	0.00	678367.58	446528.89
433+00	779.95	0				
			1543.87	0.00	679911.45	446528.89
433+50	887.43	0				
			1729.06	0.00	681640.52	446528.89
434+00	979.96	0				
			1896.75	0.00	683537.27	446528.89
434+50	1068.53	0				
			2059.62	0.00	685596.89	446528.89
435+00	1155.86	0				
			2211.67	0.00	687808.56	446528.89
435+50	1232.74	0				
			2322.02	0.00	690130.57	446528.89
436+00	1275.04	0				
			2376.51	0.00	692507.08	446528.89
436+50	1291.59	0				
			2385.47	0.00	694892.56	446528.89
437+00	1284.72	0				
			2353.39	0.00	697245.94	446528.89
437+50	1256.94	0				
			2302.01	0.00	699547.95	446528.89
438+00	1229.23	0				
			2251.83	0.00	701799.79	446528.89
438+50	1202.75	0				
			2198.16	0.00	703997.94	446528.89
439+00	1171.26	0				
			2138.41	0.00	706136.35	446528.89
439+50	1138.22	0				
			2075.17	0.00	708211.52	446528.89
440+00	1102.96	0				
			1999.34	0.00	710210.86	446528.89
440+50	1056.33	0				
			1922.01	0.00	712132.87	446528.89

441+00	1019.44	0				
			1853.22	0.00	713986.09	446528.89
441+50	982.04	0				
			1780.25	0.00	715766.34	446528.89
442+00	940.63	0				
			1693.69	0.00	717460.04	446528.89
442+50	888.56	0				
			1595.32	0.00	719055.36	446528.89
443+00	834.39	0				
			1499.68	0.00	720555.04	446528.89
443+50	785.26	0				
			1403.43	0.00	721958.46	446528.89
444+00	730.44	0				
			1303.43	0.00	723261.89	446528.89
444+50	677.26	0				
			1207.29	0.00	724469.18	446528.89
445+00	626.61	0				
			1114.23	0.00	725583.41	446528.89
445+50	576.76	0				
			1026.07	0.00	726609.48	446528.89
446+00	531.4	0				
			948.07	0.00	727557.56	446528.89
446+50	492.52	0				
			889.56	0.00	728447.11	446528.89
447+00	468.2	0				
			856.24	0.00	729303.35	446528.89
447+50	456.54	0				
			841.61	0.00	730144.96	446528.89
448+00	452.4	0				
			842.56	0.00	730987.53	446528.89
448+50	457.57	0				
			859.74	0.00	731847.27	446528.89
449+00	470.95	0				
			886.13	0.00	732733.40	446528.89
449+50	486.07	0				
			915.43	0.00	733648.82	446528.89
450+00	502.59	0				
			944.15	0.00	734592.97	446528.89
450+50	517.09	0				
			973.43	0.00	735566.40	446528.89
451+00	534.21	0				
			1003.58	0.00	736569.98	446528.89
451+50	549.66	0				
			1032.50	0.00	737602.48	446528.89
452+00	565.44	0				
			1058.21	0.00	738660.69	446528.89
452+50	577.43	0				
			1083.54	0.00	739744.23	446528.89
453+00	592.79	0				
			1102.97	0.00	740847.20	446528.89
453+50	598.42	0				
			1109.85	0.00	741957.06	446528.89

454+00	600.22	0				
			1110.60	0.00	743067.66	446528.89
454+50	599.23	0				
			1104.23	0.00	744171.89	446528.89
455+00	593.34	0				
			1087.13	0.00	745259.02	446528.89
455+50	580.76	0				
			1056.74	0.00	746315.76	446528.89
456+00	560.52	0				
			1008.44	0.00	747324.19	446528.89
456+50	528.59	0				
			937.66	0.00	748261.85	446528.89
457+00	484.08	0				
			849.83	0.00	749111.69	446528.89
457+50	433.74	0				
			753.16	0.00	749864.84	446528.89
458+00	379.67	0				
			660.13	0.00	750524.97	446528.89
458+50	333.27	0				
			614.83	0.00	751139.81	446528.89
459+00	330.75	0				
			738.95	0.00	751878.76	446528.89
459+50	467.32	0				
			1044.02	0.00	752922.78	446528.89
460+00	660.22	0				
			1372.19	0.00	754294.97	446528.89
460+50	821.75	0				
			1635.06	0.00	755930.03	446528.89
461+00	944.11	0				
			1832.00	0.00	757762.03	446528.89
461+50	1034.45	0				
			1985.64	0.00	759747.67	446528.89
462+00	1110.04	0				
			2128.98	0.00	761876.65	446528.89
462+50	1189.26	0				
			2258.30	0.00	764134.94	446528.89
463+00	1249.7	0				
			2367.68	0.00	766502.62	446528.89
463+50	1307.39	0				
			2474.47	0.00	768977.09	446528.89
464+00	1365.04	0				
			2595.79	0.00	771572.88	446528.89
464+50	1438.41	0				
			2747.50	0.00	774320.38	446528.89
465+00	1528.89	0				
			2943.93	0.00	777264.31	446528.89
465+50	1650.55	0				
			3166.68	0.00	780430.98	446528.89
466+00	1769.46	0				
			3412.17	0.00	783843.15	446528.89
466+50	1915.68	0				
			3693.69	0.00	787536.84	446528.89

467+00	2073.51	0				
			3990.95	0.00	791527.80	446528.89
467+50	2236.72	0				
			4318.54	0.00	795846.33	446528.89
468+00	2427.3	0				
			4655.24	0.00	800501.57	446528.89
468+50	2600.36	0				
			4902.60	0.00	805404.18	446528.89
469+00	2694.45	0				
			4969.40	0.00	810373.57	446528.89
469+50	2672.5	0				
			4772.95	0.00	815146.53	446528.89
470+00	2482.29	0				
			4293.71	0.00	819440.24	446528.89
470+50	2154.92	0				
			3641.67	0.00	823081.91	446528.89
471+00	1778.08	0				
			2990.71	0.00	826072.62	446528.89
471+50	1451.89	0				
			2446.28	0.00	828518.90	446528.89
472+00	1190.09	0				
			1952.43	0.00	830471.32	446528.89
472+50	918.53	0				
			1454.45	0.00	831925.78	446528.89
473+00	652.28	0				
			991.12	0.00	832916.90	446528.89
473+50	418.13	0				
			592.12	0.00	833509.02	446528.89
474+00	221.36	0				
			303.61	0.00	833812.63	446528.89
474+50	106.54	0				
			154.87	0.00	833967.50	446528.89
475+00	60.72	0				
			88.89	0.00	834056.39	446528.89
475+50	35.28	0				
			50.51	0.00	834106.90	446528.89
476+00	19.27	0				

Eastern Bypass Route Floodplain

EASTERN BYPASS - FLOODPLAIN AREAS						
	CUTA	FILLA	CUTV	FILLV	CUMCUTV	CUMFILLV
			0.00	0.00	0.00	0.00
317+00	0	20.42	0.00	56.10	0.00	56.10
317+50	0	40.17	0.00	96.17	0.00	152.27
318+00	0	63.69	0.00	138.05	0.00	290.31
318+50	0	85.4	0.00	176.17	0.00	466.48
319+00	0	104.86	0.00	209.35	0.00	675.83
319+50	0	121.24	0.00	237.27	0.00	913.10
320+00	0	135.01	0.00	263.85	0.00	1176.95
320+50	0	149.95	0.00	294.58	0.00	1471.54
321+00	0	168.2	0.00	332.56	0.00	1804.09
321+50	0	190.96	0.00	380.03	0.00	2184.12
322+00	0	219.47	0.00	435.60	0.00	2619.72
322+50	0	250.98	0.00	495.47	0.00	3115.19
323+00	0	284.13	0.00	557.19	0.00	3672.38
323+50	0	317.63	0.00	626.97	0.00	4299.35
324+00	0	359.5	0.00	715.99	0.00	5015.34
324+50	0	413.77	0.00	820.10	0.00	5835.44
325+00	0	471.94	0.00	934.75	0.00	6770.19
325+50	0	537.59	0.00	1058.85	0.00	7829.05
326+00	0	605.97	0.00	1184.26	0.00	9013.31
326+50	0	673.03	0.00	1305.49	0.00	10318.80
327+00	0	736.9	0.00	1412.78	0.00	11731.57
327+50	0	788.9	0.00	1500.19	0.00	13231.77
328+00	0	831.31	0.00	1574.07	0.00	14805.84
328+50	0	868.69				

			0.00	1640.46	0.00	16446.31
329+00	0	903.01				
			0.00	1698.40	0.00	18144.70
329+50	0	931.26				
			0.00	1757.57	0.00	19902.28
330+00	0	966.92				
			0.00	1827.72	0.00	21730.00
330+50	0	1007.02				
			0.00	1904.29	0.00	23634.29
331+00	0	1049.61				
			0.00	1982.69	0.00	25616.97
331+50	0	1091.69				
			0.00	2051.92	0.00	27668.89
332+00	0	1124.38				
			0.00	2108.46	0.00	29777.35
332+50	0	1152.76				
			0.00	2167.11	0.00	31944.46
333+00	0	1187.72				
			0.00	2229.52	0.00	34173.98
333+50	0	1220.16				
			0.00	2258.91	0.00	36432.89
334+00	0	1219.46				
			0.00	2159.73	0.00	38592.62
334+50	0	1113.05				
			0.00	1913.40	0.00	40506.02
335+00	0	953.42				
			0.00	1645.93	0.00	42151.94
335+50	0	824.18				
			0.00	1371.77	0.00	43523.71
336+00	0	657.33				
			0.00	1080.76	0.00	44604.47
336+50	0	509.89				
			0.00	856.76	0.00	45461.23
337+00	0	415.41				
			0.00	720.17	0.00	46181.40
337+50	0	362.37				
			0.00	642.43	0.00	46823.82
338+00	0	331.45				
			0.00	595.56	0.00	47419.38
338+50	0	311.75				
			0.00	561.92	0.00	47981.30
339+00	0	295.12				
			0.00	529.08	0.00	48510.38
339+50	0	276.29				

SGR's Modified Medina Dam Route Earthwork

MODIFIED MEDINA DAM - EARTHWORK						
	CUTA	FILLA	CUTV	FILLV	CUMCUTV	CUMFILLV
0+00	244.95	0				
			512.16	0.00	512.16	0.00
0+50	308.18	0				
			634.59	0.00	1146.75	0.00
1+00	377.18	0				
			731.15	0.00	1877.90	0.00
1+50	412.46	0				
			782.85	0.00	2660.75	0.00
2+00	433.02	0				
			752.66	0.00	3413.41	0.00
2+50	379.85	0				
			627.28	0.00	4040.69	0.00
3+00	297.61	0				
			481.42	0.00	4522.10	0.00
3+50	222.32	0				
			352.55	0.00	4874.65	0.00
4+00	158.43	0				
			240.48	0.00	5115.13	0.00
4+50	101.29	0				
			170.18	0.00	5285.31	0.00
5+00	82.5	0				
			165.20	0.00	5450.51	0.00
5+50	95.92	0				
			190.43	0.00	5640.94	0.00
6+00	109.74	0				
			216.47	0.00	5857.41	0.00
6+50	124.05	0				
			243.35	0.00	6100.76	0.00
7+00	138.77	0				
			271.01	0.00	6371.77	0.00
7+50	153.92	0				
			299.50	0.00	6671.27	0.00
8+00	169.54	0				
			328.89	0.00	7000.16	0.00
8+50	185.66	0				
			371.99	0.00	7372.15	0.00
9+00	216.09	0				
			440.90	0.00	7813.05	0.00
9+50	260.08	0				
			509.74	0.00	8322.79	0.00
10+00	290.44	0				
			564.00	0.00	8886.79	0.00
10+50	318.68	0				
			646.15	0.00	9532.94	0.00
11+00	379.16	0				
			744.82	0.00	10277.76	0.00
11+50	425.25	0				
			822.13	0.00	11099.89	0.00

12+00	462.65	0				
			876.19	0.00	11976.07	0.00
12+50	483.63	0				
			937.36	0.00	12913.44	0.00
13+00	528.72	0				
			1043.49	0.00	13956.93	0.00
13+50	598.25	0				
			1224.40	0.00	15181.32	0.00
14+00	724.1	0				
			1477.28	0.00	16658.60	0.00
14+50	871.36	0				
			1750.86	0.00	18409.46	0.00
15+00	1019.57	0				
			1994.62	0.00	20404.08	0.00
15+50	1134.62	0				
			2181.13	0.00	22585.21	0.00
16+00	1221	0				
			2298.00	0.00	24883.21	0.00
16+50	1260.84	0				
			2367.63	0.00	27250.84	0.00
17+00	1296.2	0				
			2433.27	0.00	29684.11	0.00
17+50	1331.73	0				
			2499.57	0.00	32183.69	0.00
18+00	1367.81	0				
			2566.79	0.00	34750.47	0.00
18+50	1404.32	0				
			2634.83	0.00	37385.31	0.00
19+00	1441.3	0				
			2631.69	0.00	40017.00	0.00
19+50	1400.93	0				
			2410.02	0.00	42427.02	0.00
20+00	1201.89	0				
			2049.39	0.00	44476.41	0.00
20+50	1011.45	0				
			1706.87	0.00	46183.28	0.00
21+00	831.97	0				
			1354.92	0.00	47538.19	0.00
21+50	631.34	0				
			985.89	0.00	48524.08	0.00
22+00	433.42	0				
			667.44	0.00	49191.52	0.00
22+50	287.41	0				
			420.61	0.00	49612.13	0.00
23+00	166.85	0				
			207.65	0.00	49819.78	0.00
23+50	57.41	0				
			88.01	0.00	49907.79	0.00
24+00	37.64	0				
			71.69	0.00	49979.48	0.00
24+50	39.79	0				
			106.52	0.00	50086.00	0.00

25+00	75.25	0				
			219.51	0.00	50305.51	0.00
25+50	161.82	0				
			426.68	0.00	50732.19	0.00
26+00	298.99	0				
			759.46	0.00	51491.65	0.00
26+50	521.23	0				
			1224.24	0.00	52715.89	0.00
27+00	800.95	0				
			1723.92	0.00	54439.81	0.00
27+50	1060.88	0				
			2050.63	0.00	56490.44	0.00
28+00	1153.8	0				
			2100.72	0.00	58591.16	0.00
28+50	1114.98	0				
			1826.94	0.00	60418.10	0.00
29+00	858.12	0				
			1365.69	0.00	61783.79	0.00
29+50	616.82	0				
			966.29	0.00	62750.07	0.00
30+00	426.77	0				
			651.20	0.00	63401.28	0.00
30+50	276.53	0				
			394.51	0.00	63795.79	0.00
31+00	149.54	0				
			185.76	0.00	63981.55	0.00
31+50	51.08	0				
			47.30	24.24	64028.84	24.24
32+00	0	26.18				
			0.00	163.90	64028.84	188.14
32+50	0	150.83				
			0.00	433.44	64028.84	621.57
33+00	0	317.28				
			0.00	779.02	64028.84	1400.59
33+50	0	524.06				
			0.00	1197.48	64028.84	2598.07
34+00	0	769.22				
			0.00	1682.20	64028.84	4280.28
34+50	0	1047.56				
			0.00	2140.38	64028.84	6420.66
35+00	0	1264.05				
			0.00	2401.96	64028.84	8822.62
35+50	0	1330.07				
			0.00	2446.41	64028.84	11269.03
36+00	0	1312.05				
			0.00	2413.41	64028.84	13682.44
36+50	0	1294.43				
			0.00	2372.56	64028.84	16055.00
37+00	0	1267.94				
			0.00	2322.44	64028.84	18377.44
37+50	0	1240.3				
			0.00	2266.81	64028.84	20644.26

38+00	0	1207.86				
			0.00	2203.02	64028.84	22847.28
38+50	0	1171.4				
			0.00	2131.70	64028.84	24978.98
39+00	0	1130.84				
			0.00	2053.34	64028.84	27032.32
39+50	0	1086.77				
			0.00	1968.75	64028.84	29001.07
40+00	0	1039.48				
			0.00	1878.56	64028.84	30879.64
40+50	0	989.37				
			0.00	1783.41	64028.84	32663.05
41+00	0	936.71				
			0.00	1684.36	64028.84	34347.41
41+50	0	882.4				
			0.00	1633.84	64028.84	35981.25
42+00	0	882.15				
			0.00	1628.28	64028.84	37609.53
42+50	0	876.39				
			0.00	1592.26	64028.84	39201.79
43+00	0	843.25				
			0.00	1553.44	64028.84	40755.23
43+50	0	834.47				
			0.00	1517.60	64028.84	42272.83
44+00	0	804.54				
			0.00	1456.26	64028.84	43729.09
44+50	0	768.22				
			0.00	1393.16	64028.84	45122.25
45+00	0	736.39				
			0.00	1343.12	64028.84	46465.37
45+50	0	714.18				
			0.00	1299.97	64028.84	47765.34
46+00	0	689.79				
			0.00	1278.62	64028.84	49043.96
46+50	0	691.12				
			0.00	1280.73	64028.84	50324.69
47+00	0	692.07				
			0.00	1271.93	64028.84	51596.62
47+50	0	681.61				
			0.00	1249.18	64028.84	52845.80
48+00	0	667.5				
			0.00	1238.26	64028.84	54084.06
48+50	0	669.82				
			0.00	1232.81	64028.84	55316.87
49+00	0	661.62				
			0.00	1161.19	64028.84	56478.06
49+50	0	592.46				
			0.00	1039.01	64028.84	57517.06
50+00	0	529.67				
			0.00	951.95	64028.84	58469.02
50+50	0	498.44				
			0.00	906.07	64028.84	59375.09

51+00	0	480.12				
			0.00	873.89	64028.84	60248.98
51+50	0	463.68				
			0.00	852.64	64028.84	61101.62
52+00	0	457.17				
			0.00	824.56	64028.84	61926.19
52+50	0	433.36				
			0.00	773.84	64028.84	62700.03
53+00	0	402.39				
			0.00	711.06	64028.84	63411.08
53+50	0	365.55				
			0.00	628.07	64028.84	64039.16
54+00	0	312.77				
			0.00	495.00	64028.84	64534.16
54+50	0	221.83				
			0.00	335.68	64028.84	64869.83
55+00	0	140.7				
			0.00	200.78	64028.84	65070.61
55+50	0	76.14				
			0.00	97.05	64028.84	65167.66
56+00	0	28.67				
			19.26	26.55	64048.10	65194.20
56+50	20.8	0				
			151.89	0.00	64199.99	65194.20
57+00	143.24	0				
			428.41	0.00	64628.40	65194.20
57+50	319.44	0				
			605.10	0.00	65233.50	65194.20
58+00	334.07	0				
			604.16	0.00	65837.66	65194.20
58+50	318.42	0				
			575.44	0.00	66413.09	65194.20
59+00	303.05	0				
			547.22	0.00	66960.31	65194.20
59+50	287.95	0				
			519.53	0.00	67479.84	65194.20
60+00	273.14	0				
			492.36	0.00	67972.20	65194.20
60+50	258.61	0				
			465.70	0.00	68437.91	65194.20
61+00	244.35	0				
			439.56	0.00	68877.46	65194.20
61+50	230.37	0				
			413.92	0.00	69291.38	65194.20
62+00	216.66	0				
			388.81	0.00	69680.19	65194.20
62+50	203.26	0				
			364.22	0.00	70044.42	65194.20
63+00	190.1	0				
			340.15	0.00	70384.56	65194.20
63+50	177.26	0				
			316.59	0.00	70701.16	65194.20

64+00	164.66	0				
			293.55	0.00	70994.70	65194.20
64+50	152.37	0				
			271.03	0.00	71265.73	65194.20
65+00	140.34	0				
			249.02	0.00	71514.75	65194.20
65+50	128.6	0				
			227.53	0.00	71742.28	65194.20
66+00	117.13	0				
			206.56	0.00	71948.83	65194.20
66+50	105.95	0				
			186.09	0.00	72134.93	65194.20
67+00	95.03	0				
			166.16	0.00	72301.08	65194.20
67+50	84.42	0				
			146.73	0.00	72447.81	65194.20
68+00	74.05	0				
			127.83	0.00	72575.65	65194.20
68+50	64.01	0				
			109.45	0.00	72685.10	65194.20
69+00	54.2	0				
			91.57	0.00	72776.68	65194.20
69+50	44.7	0				
			74.21	0.00	72850.89	65194.20
70+00	35.45	0				
			57.38	0.00	72908.27	65194.20
70+50	26.52	0				
			41.07	0.00	72949.34	65194.20
71+00	17.84	0				
			25.27	0.00	72974.61	65194.20
71+50	9.45	0				
			9.97	0.00	72984.58	65194.20
72+00	1.32	0				
			1.22	6.24	72985.81	65200.44
72+50	0	6.74				
			0.00	20.30	72985.81	65220.74
73+00	0	15.18				
			0.00	36.24	72985.81	65256.98
73+50	0	23.96				
			0.00	52.88	72985.81	65309.86
74+00	0	33.15				
			0.00	70.21	72985.81	65380.07
74+50	0	42.68				
			0.00	88.21	72985.81	65468.29
75+00	0	52.59				
			0.00	106.90	72985.81	65575.19
75+50	0	62.86				
			0.00	126.31	72985.81	65701.49
76+00	0	73.55				
			0.00	146.42	72985.81	65847.91
76+50	0	84.58				
			0.00	167.19	72985.81	66015.09

77+00	0	95.98				
			0.00	188.65	72985.81	66203.74
77+50	0	107.76				
			0.00	210.80	72985.81	66414.54
78+00	0	119.9				
			0.00	233.64	72985.81	66648.18
78+50	0	132.43				
			0.00	257.18	72985.81	66905.35
79+00	0	145.32				
			0.00	281.39	72985.81	67186.74
79+50	0	158.58				
			0.00	306.29	72985.81	67493.03
80+00	0	172.21				
			0.00	331.85	72985.81	67824.88
80+50	0	186.19				
			0.00	358.14	72985.81	68183.02
81+00	0	200.6				
			0.00	385.15	72985.81	68568.17
81+50	0	215.36				
			0.00	412.81	72985.81	68980.97
82+00	0	230.47				
			0.00	441.12	72985.81	69422.09
82+50	0	245.94				
			0.00	470.17	72985.81	69892.26
83+00	0	261.84				
			0.00	499.94	72985.81	70392.19
83+50	0	278.09				
			0.00	530.35	72985.81	70922.55
84+00	0	294.69				
			0.00	561.42	72985.81	71483.96
84+50	0	311.64				
			0.00	593.21	72985.81	72077.18
85+00	0	329.03				
			0.00	625.69	72985.81	72702.87
85+50	0	346.72				
			0.00	658.87	72985.81	73361.74
86+00	0	364.86				
			0.00	692.72	72985.81	74054.46
86+50	0	383.28				
			0.00	727.29	72985.81	74781.75
87+00	0	402.19				
			0.00	762.54	72985.81	75544.29
87+50	0	421.35				
			0.00	798.46	72985.81	76342.75
88+00	0	440.99				
			0.00	835.16	72985.81	77177.91
88+50	0	460.98				
			0.00	872.47	72985.81	78050.38
89+00	0	481.29				
			0.00	910.40	72985.81	78960.78
89+50	0	501.94				
			0.00	949.08	72985.81	79909.86

90+00	0	523.07				
			0.00	988.45	72985.81	80898.31
90+50	0	544.46				
			0.00	1028.50	72985.81	81926.81
91+00	0	566.32				
			0.00	1058.39	72985.81	82985.20
91+50	0	576.74				
			0.00	1067.36	72985.81	84052.56
92+00	0	576.01				
			0.00	1066.01	72985.81	85118.57
92+50	0	575.28				
			0.00	1064.67	72985.81	86183.24
93+00	0	574.56				
			0.00	1063.32	72985.81	87246.56
93+50	0	573.83				
			0.00	1061.98	72985.81	88308.55
94+00	0	573.11				
			0.00	1060.64	72985.81	89369.19
94+50	0	572.38				
			0.00	1059.30	72985.81	90428.48
95+00	0	571.66				
			0.00	1057.95	72985.81	91486.44
95+50	0	570.93				
			0.00	1056.61	72985.81	92543.05
96+00	0	570.21				
			0.00	1055.27	72985.81	93598.31
96+50	0	569.48				
			0.00	1053.93	72985.81	94652.24
97+00	0	568.76				
			0.00	1052.59	72985.81	95704.83
97+50	0	568.04				
			0.00	1051.26	72985.81	96756.09
98+00	0	567.32				
			0.00	1049.92	72985.81	97806.01
98+50	0	566.59				
			0.00	1048.57	72985.81	98854.58
99+00	0	565.87				
			0.00	1047.24	72985.81	99901.82
99+50	0	565.15				
			0.00	1045.91	72985.81	100947.73
100+00	0	564.43				
			0.00	1044.57	72985.81	101992.31
100+50	0	563.71				
			0.00	1043.24	72985.81	103035.55
101+00	0	562.99				
			0.00	1041.91	72985.81	104077.45
101+50	0	562.27				
			0.00	1040.57	72985.81	105118.03
102+00	0	561.55				
			0.00	1039.24	72985.81	106157.27
102+50	0	560.83				
			0.00	1037.92	72985.81	107195.19

103+00	0	560.12				
			0.00	1036.59	72985.81	108231.78
103+50	0	559.4				
			0.00	1035.26	72985.81	109267.04
104+00	0	558.68				
			0.00	1033.93	72985.81	110300.96
104+50	0	557.96				
			0.00	1032.60	72985.81	111333.56
105+00	0	557.25				
			0.00	1031.28	72985.81	112364.84
105+50	0	556.53				
			0.00	1029.94	72985.81	113394.79
106+00	0	555.81				
			0.00	1028.62	72985.81	114423.41
106+50	0	555.1				
			0.00	1027.30	72985.81	115450.70
107+00	0	554.38				
			0.00	1025.97	72985.81	116476.68
107+50	0	553.67				
			0.00	1024.65	72985.81	117501.32
108+00	0	552.95				
			0.00	1023.32	72985.81	118524.65
108+50	0	552.24				
			0.00	1022.01	72985.81	119546.66
109+00	0	551.53				
			0.00	1020.69	72985.81	120567.34
109+50	0	550.81				
			0.00	1019.36	72985.81	121586.70
110+00	0	550.1				
			0.00	1012.54	72985.81	122599.24
110+50	0	543.44				
			0.00	985.57	72985.81	123584.81
111+00	0	520.98				
			0.00	943.92	72985.81	124528.73
111+50	0	498.45				
			0.00	914.42	72985.81	125443.15
112+00	0	489.12				
			0.00	900.50	72985.81	126343.65
112+50	0	483.42				
			0.00	887.42	72985.81	127231.06
113+00	0	474.99				
			0.00	872.04	72985.81	128103.10
113+50	0	466.81				
			0.00	858.14	72985.81	128961.24
114+00	0	459.98				
			0.00	845.54	72985.81	129806.78
114+50	0	453.2				
			0.00	833.02	72985.81	130639.80
115+00	0	446.46				
			0.00	820.57	72985.81	131460.37
115+50	0	439.76				
			0.00	808.21	72985.81	132268.58

116+00	0	433.11				
			0.00	795.94	72985.81	133064.52
116+50	0	426.5				
			0.00	783.73	72985.81	133848.25
117+00	0	419.93				
			0.00	771.61	72985.81	134619.86
117+50	0	413.41				
			0.00	759.56	72985.81	135379.43
118+00	0	406.92				
			0.00	747.59	72985.81	136127.02
118+50	0	400.48				
			0.00	735.70	72985.81	136862.72
119+00	0	394.08				
			0.00	723.90	72985.81	137586.62
119+50	0	387.73				
			0.00	712.17	72985.81	138298.79
120+00	0	381.41				
			0.00	700.51	72985.81	138999.30
120+50	0	375.14				
			0.00	688.94	72985.81	139688.24
121+00	0	368.92				
			0.00	677.45	72985.81	140365.69
121+50	0	362.73				
			0.00	666.03	72985.81	141031.72
122+00	0	356.58				
			0.00	652.57	72985.81	141684.30
122+50	0	348.2				
			0.00	637.01	72985.81	142321.31
123+00	0	339.77				
			0.00	621.48	72985.81	142942.79
123+50	0	331.43				
			0.00	606.11	72985.81	143548.90
124+00	0	323.17				
			0.00	590.88	72985.81	144139.78
124+50	0	314.98				
			0.00	575.81	72985.81	144715.58
125+00	0	306.89				
			0.00	560.89	72985.81	145276.47
125+50	0	298.87				
			0.00	548.65	72985.81	145825.12
126+00	0	293.67				
			0.00	542.56	72985.81	146367.69
126+50	0	292.3				
			0.00	540.03	72985.81	146907.71
127+00	0	290.93				
			0.00	537.49	72985.81	147445.20
127+50	0	289.56				
			0.00	534.95	72985.81	147980.16
128+00	0	288.19				
			0.00	532.43	72985.81	148512.58
128+50	0	286.83				
			0.00	529.91	72985.81	149042.49

129+00	0	285.47				
			0.00	527.39	72985.81	149569.88
129+50	0	284.11				
			0.00	524.87	72985.81	150094.75
130+00	0	282.75				
			0.00	522.36	72985.81	150617.11
130+50	0	281.4				
			0.00	519.86	72985.81	151136.97
131+00	0	280.05				
			0.00	517.44	72985.81	151654.41
131+50	0	278.78				
			0.00	516.65	72985.81	152171.06
132+00	0	279.2				
			0.00	521.79	72985.81	152692.84
132+50	0	284.33				
			0.00	539.81	72985.81	153232.66
133+00	0	298.67				
			0.00	566.63	72985.81	153799.29
133+50	0	313.29				
			0.00	593.97	72985.81	154393.26
134+00	0	328.2				
			0.00	621.53	72985.81	155014.79
134+50	0	343.05				
			0.00	648.49	72985.81	155663.28
135+00	0	357.32				
			0.00	675.13	72985.81	156338.41
135+50	0	371.82				
			0.00	702.20	72985.81	157040.61
136+00	0	386.56				
			0.00	729.70	72985.81	157770.31
136+50	0	401.52				
			0.00	757.68	72985.81	158527.99
137+00	0	416.77				
			0.00	786.15	72985.81	159314.14
137+50	0	432.27				
			0.00	815.07	72985.81	160129.21
138+00	0	448.01				
			0.00	844.44	72985.81	160973.65
138+50	0	463.98				
			0.00	874.22	72985.81	161847.87
139+00	0	480.18				
			0.00	904.45	72985.81	162752.32
139+50	0	496.63				
			0.00	935.13	72985.81	163687.45
140+00	0	513.31				
			0.00	966.24	72985.81	164653.69
140+50	0	530.23				
			0.00	997.83	72985.81	165651.53
141+00	0	547.43				
			0.00	1029.89	72985.81	166681.42
141+50	0	564.85				
			0.00	1062.38	72985.81	167743.80

142+00	0	582.52				
			0.00	1095.31	72985.81	168839.11
142+50	0	600.42				
			0.00	1128.69	72985.81	169967.80
143+00	0	618.56				
			0.00	1162.50	72985.81	171130.30
143+50	0	636.94				
			0.00	1196.73	72985.81	172327.03
144+00	0	655.53				
			0.00	1231.23	72985.81	173558.26
144+50	0	674.2				
			0.00	1266.04	72985.81	174824.30
145+00	0	693.12				
			0.00	1301.28	72985.81	176125.57
145+50	0	712.26				
			0.00	1336.94	72985.81	177462.51
146+00	0	731.63				
			0.00	1373.03	72985.81	178835.54
146+50	0	751.24				
			0.00	1409.50	72985.81	180245.04
147+00	0	771.02				
			0.00	1445.91	72985.81	181690.94
147+50	0	790.56				
			0.00	1482.31	72985.81	183173.26
148+00	0	810.34				
			0.00	1519.14	72985.81	184692.40
148+50	0	830.33				
			0.00	1556.37	72985.81	186248.77
149+00	0	850.55				
			0.00	1594.01	72985.81	187842.78
149+50	0	870.98				
			0.00	1632.06	72985.81	189474.83
150+00	0	891.64				
			0.00	1670.52	72985.81	191145.35
150+50	0	912.52				
			0.00	1709.38	72985.81	192854.73
151+00	0	933.61				
			0.00	1748.65	72985.81	194603.38
151+50	0	954.93				
			0.00	1788.33	72985.81	196391.71
152+00	0	976.47				
			0.00	1831.73	72985.81	198223.44
152+50	0	1001.8				
			0.00	1898.07	72985.81	200121.52
153+00	0	1048.12				
			0.00	2000.02	72985.81	202121.54
153+50	0	1111.9				
			0.00	2102.28	72985.81	204223.81
154+00	0	1158.56				
			0.00	2148.43	72985.81	206372.24
154+50	0	1161.74				
			0.00	2152.74	72985.81	208524.98

155+00	0	1163.22				
			0.00	2161.35	72985.81	210686.33
155+50	0	1171.04				
			0.00	2196.44	72985.81	212882.78
156+00	0	1201.12				
			0.00	2263.74	72985.81	215146.52
156+50	0	1243.72				
			0.00	2353.60	72985.81	217500.12
157+00	0	1298.17				
			0.00	2474.55	72985.81	219974.67
157+50	0	1374.34				
			0.00	2622.65	72985.81	222597.31
158+00	0	1458.12				
			0.00	2762.08	72985.81	225359.40
158+50	0	1524.93				
			0.00	2873.06	72985.81	228232.45
159+00	0	1577.97				
			0.00	2959.49	72985.81	231191.94
159+50	0	1618.28				
			0.00	3025.57	72985.81	234217.52
160+00	0	1649.34				
			0.00	3069.08	72985.81	237286.60
160+50	0	1665.27				
			0.00	3091.83	72985.81	240378.44
161+00	0	1673.91				
			0.00	3126.82	72985.81	243505.26
161+50	0	1703.06				
			0.00	3224.55	72985.81	246729.81
162+00	0	1779.45				
			0.00	3397.05	72985.81	250126.85
162+50	0	1889.36				
			0.00	3628.67	72985.81	253755.52
163+00	0	2029.6				
			0.00	3908.63	72985.81	257664.15
163+50	0	2191.72				
			0.00	4197.03	72985.81	261861.18
164+00	0	2341.07				
			0.00	4453.80	72985.81	266314.97
164+50	0	2469.03				
			0.00	4615.49	72985.81	270930.46
165+00	0	2515.7				
			0.00	4485.89	72985.81	275416.35
165+50	0	2329.06				
			0.00	3824.40	72985.81	279240.75
166+00	0	1801.29				
			0.00	2952.66	72985.81	282193.41
166+50	0	1387.58				
			0.00	2485.14	72985.81	284678.55
167+00	0	1296.37				
			0.00	2353.37	72985.81	287031.92
167+50	0	1245.27				
			0.00	2260.37	72985.81	289292.29

168+00	0	1195.93				
			0.00	2170.17	72985.81	291462.45
168+50	0	1147.85				
			0.00	2089.66	72985.81	293552.11
169+00	0	1108.98				
			0.00	2029.82	72985.81	295581.94
169+50	0	1083.23				
			0.00	1978.83	72985.81	297560.77
170+00	0	1053.91				
			0.00	1920.52	72985.81	299481.29
170+50	0	1020.25				
			0.00	1855.94	72985.81	301337.22
171+00	0	984.16				
			0.00	1788.63	72985.81	303125.85
171+50	0	947.56				
			0.00	1721.42	72985.81	304847.27
172+00	0	911.57				
			0.00	1656.31	72985.81	306503.58
172+50	0	877.25				
			0.00	1594.65	72985.81	308098.23
173+00	0	844.97				
			0.00	1536.44	72985.81	309634.67
173+50	0	814.38				
			0.00	1480.65	72985.81	311115.31
174+00	0	784.72				
			0.00	1426.88	72985.81	312542.19
174+50	0	756.31				
			0.00	1371.17	72985.81	313913.36
175+00	0	724.55				
			0.00	1299.33	72985.81	315212.69
175+50	0	678.73				
			0.00	1203.31	72985.81	316416.01
176+00	0	620.85				
			0.00	1096.83	72985.81	317512.84
176+50	0	563.73				
			0.00	993.29	72985.81	318506.13
177+00	0	509.02				
			0.00	894.20	72985.81	319400.33
177+50	0	456.72				
			0.00	799.59	72985.81	320199.93
178+00	0	406.84				
			0.00	709.44	72985.81	320909.37
178+50	0	359.36				
			0.00	623.76	72985.81	321533.13
179+00	0	314.3				
			0.00	542.55	72985.81	322075.68
179+50	0	271.65				
			0.00	465.80	72985.81	322541.47
180+00	0	231.41				
			0.00	393.51	72985.81	322934.98
180+50	0	193.58				
			0.00	325.69	72985.81	323260.68

181+00	0	158.17				
			0.00	266.81	72985.81	323527.48
181+50	0	129.98				
			0.00	245.14	72985.81	323772.62
182+00	0	134.77				
			0.00	254.06	72985.81	324026.68
182+50	0	139.61				
			0.00	263.06	72985.81	324289.74
183+00	0	144.5				
			0.00	272.18	72985.81	324561.92
183+50	0	149.45				
			0.00	281.40	72985.81	324843.31
184+00	0	154.46				
			0.00	290.71	72985.81	325134.03
184+50	0	159.51				
			0.00	300.12	72985.81	325434.15
185+00	0	164.62				
			0.00	309.63	72985.81	325743.78
185+50	0	169.78				
			0.00	319.23	72985.81	326063.01
186+00	0	174.99				
			0.00	328.94	72985.81	326391.94
186+50	0	180.26				
			0.00	338.74	72985.81	326730.69
187+00	0	185.58				
			0.00	348.64	72985.81	327079.32
187+50	0	190.95				
			0.00	358.63	72985.81	327437.95
188+00	0	196.37				
			0.00	368.72	72985.81	327806.68
188+50	0	201.85				
			0.00	378.90	72985.81	328185.57
189+00	0	207.36				
			0.00	384.07	72985.81	328569.65
189+50	0	207.44				
			0.00	376.85	72985.81	328946.50
190+00	0	199.56				
			0.00	361.19	72985.81	329307.69
190+50	0	190.53				
			0.00	344.21	72985.81	329651.91
191+00	0	181.22				
			0.00	326.23	72985.81	329978.14
191+50	0	171.11				
			0.00	307.06	72985.81	330285.19
192+00	0	160.51				
			0.00	287.41	72985.81	330572.60
192+50	0	149.89				
			0.00	268.15	72985.81	330840.75
193+00	0	139.71				
			0.00	248.75	72985.81	331089.50
193+50	0	128.94				
			0.00	228.25	72985.81	331317.75

194+00	0	117.57				
			0.00	207.81	72985.81	331525.56
194+50	0	106.86				
			0.00	188.31	72985.81	331713.86
195+00	0	96.51				
			0.00	169.25	72985.81	331883.11
195+50	0	86.28				
			0.00	150.51	72985.81	332033.62
196+00	0	76.27				
			0.00	132.22	72985.81	332165.84
196+50	0	66.53				
			0.00	114.56	72985.81	332280.41
197+00	0	57.2				
			0.00	97.74	72985.81	332378.15
197+50	0	48.36				
			0.00	82.07	72985.81	332460.22
198+00	0	40.28				
			0.00	67.72	72985.81	332527.94
198+50	0	32.86				
			0.00	53.82	72985.81	332581.77
199+00	0	25.27				
			0.00	39.88	72985.81	332621.65
199+50	0	17.8				
			0.00	26.01	72985.81	332647.66
200+00	0	10.29				
			0.00	12.13	72985.81	332659.79
200+50	0	2.81				
			3.89	2.60	72989.69	332662.39
201+00	4.2	0				
			14.53	0.00	73004.22	332662.39
201+50	11.49	0				
			28.16	0.00	73032.38	332662.39
202+00	18.92	0				
			42.34	0.00	73074.72	332662.39
202+50	26.81	0				
			55.67	0.00	73130.39	332662.39
203+00	33.31	0				
			58.58	0.00	73188.97	332662.39
203+50	29.96	0				
			52.38	0.00	73241.35	332662.39
204+00	26.61	0				
			46.22	0.00	73287.57	332662.39
204+50	23.31	0				
			40.15	0.00	73327.72	332662.39
205+00	20.05	0				
			34.14	0.00	73361.86	332662.39
205+50	16.82	0				
			28.19	0.00	73390.06	332662.39
206+00	13.63	0				
			22.33	0.00	73412.39	332662.39
206+50	10.49	0				
			16.55	0.00	73428.94	332662.39

207+00	7.38	0				
			10.83	0.00	73439.77	332662.39
207+50	4.32	0				
			5.19	0.00	73444.96	332662.39
208+00	1.29	0				
			1.19	1.58	73446.16	332663.97
208+50	0	1.71				
			0.00	5.99	73446.16	332669.96
209+00	0	4.76				
			0.00	11.69	73446.16	332681.65
209+50	0	7.86				
			0.00	17.47	73446.16	332699.12
210+00	0	11.01				
			0.00	23.36	73446.16	332722.48
210+50	0	14.22				
			0.00	29.34	73446.16	332751.82
211+00	0	17.47				
			0.00	35.43	73446.16	332787.25
211+50	0	20.79				
			0.00	41.61	73446.16	332828.86
212+00	0	24.15				
			0.00	47.89	73446.16	332876.75
212+50	0	27.57				
			0.00	51.00	73446.16	332927.75
213+00	0	27.51				
			0.00	49.41	73446.16	332977.16
213+50	0	25.85				
			0.00	46.33	73446.16	333023.49
214+00	0	24.19				
			0.00	43.28	73446.16	333066.77
214+50	0	22.55				
			0.00	40.26	73446.16	333107.03
215+00	0	20.93				
			0.00	37.26	73446.16	333144.29
215+50	0	19.31				
			0.00	34.28	73446.16	333178.56
216+00	0	17.71				
			0.00	31.32	73446.16	333209.89
216+50	0	16.12				
			0.00	28.39	73446.16	333238.28
217+00	0	14.54				
			0.00	25.48	73446.16	333263.76
217+50	0	12.98				
			0.00	22.59	73446.16	333286.35
218+00	0	11.42				
			0.00	19.72	73446.16	333306.07
218+50	0	9.88				
			0.00	16.89	73446.16	333322.96
219+00	0	8.36				
			0.00	14.07	73446.16	333337.04
219+50	0	6.84				
			0.00	11.28	73446.16	333348.31

220+00	0	5.34				
			0.00	8.51	73446.16	333356.82
220+50	0	3.85				
			0.00	5.76	73446.16	333362.58
221+00	0	2.37				
			0.00	3.03	73446.16	333365.61
221+50	0	0.9				
			0.53	0.84	73446.69	333366.45
222+00	0.57	0.01				
			2.40	0.01	73449.08	333366.46
222+50	2.02	0				
			5.11	0.00	73454.19	333366.46
223+00	3.5	0				
			6.27	0.00	73460.46	333366.46
223+50	3.27	0				
			4.16	0.00	73464.62	333366.46
224+00	1.22	0				
			1.17	0.80	73465.79	333367.26
224+50	0.04	0.86				
			0.04	3.45	73465.82	333370.71
225+00	0	2.87				
			0.00	7.24	73465.82	333377.95
225+50	0	4.95				
			0.00	10.44	73465.82	333388.39
226+00	0	6.32				
			0.00	12.04	73465.82	333400.43
226+50	0	6.68				
			0.00	12.42	73465.82	333412.84
227+00	0	6.73				
			0.00	12.48	73465.82	333425.32
227+50	0	6.75				
			0.00	12.28	73465.82	333437.60
228+00	0	6.51				
			0.00	11.45	73465.82	333449.06
228+50	0	5.86				
			0.00	10.18	73465.82	333459.23
229+00	0	5.13				
			0.00	8.82	73465.82	333468.06
229+50	0	4.4				
			5.99	4.07	73471.81	333472.13
230+00	6.47	0				
			29.18	0.00	73500.99	333472.13
230+50	25.04	0				
			64.81	0.00	73565.80	333472.13
231+00	44.95	0				
			102.92	0.00	73668.71	333472.13
231+50	66.2	0				
			143.52	0.00	73812.23	333472.13
232+00	88.8	0				
			186.61	0.00	73998.84	333472.13
232+50	112.74	0				
			231.60	0.00	74230.44	333472.13

233+00	137.39	0				
			241.94	0.00	74472.39	333472.13
233+50	123.91	0				
			205.63	0.00	74678.02	333472.13
234+00	98.17	0				
			159.33	0.00	74837.35	333472.13
234+50	73.91	0				
			115.78	0.00	74953.13	333472.13
235+00	51.13	0				
			75.13	0.00	75028.26	333472.13
235+50	30.01	0				
			37.36	0.00	75065.62	333472.13
236+00	10.34	0				
			9.57	7.60	75075.19	333479.73
236+50	0	8.21				
			0.00	33.69	75075.19	333513.42
237+00	0	28.17				
			0.00	72.44	75075.19	333585.85
237+50	0	50.06				
			0.00	114.79	75075.19	333700.64
238+00	0	73.91				
			0.00	129.83	75075.19	333830.47
238+50	0	66.31				
			0.00	112.26	75075.19	333942.73
239+00	0	54.93				
			0.00	91.58	75075.19	334034.31
239+50	0	43.98				
			0.00	71.72	75075.19	334106.04
240+00	0	33.48				
			0.00	52.69	75075.19	334158.73
240+50	0	23.43				
			0.00	34.49	75075.19	334193.22
241+00	0	13.82				
			0.00	15.44	75075.19	334208.67
241+50	0	2.86				
			12.75	2.65	75087.94	334211.31
242+00	13.77	0				
			39.94	0.00	75127.89	334211.31
242+50	29.37	0				
			71.54	0.00	75199.43	334211.31
243+00	47.89	0				
			94.64	0.00	75294.06	334211.31
243+50	54.32	0				
			97.24	0.00	75391.31	334211.31
244+00	50.7	0				
			90.57	0.00	75481.88	334211.31
244+50	47.12	0				
			83.98	0.00	75565.86	334211.31
245+00	43.58	0				
			77.46	0.00	75643.32	334211.31
245+50	40.08	0				
			71.02	0.00	75714.34	334211.31

246+00	36.62	0				
			64.65	0.00	75778.99	334211.31
246+50	33.2	0				
			58.34	0.00	75837.33	334211.31
247+00	29.81	0				
			52.11	0.00	75889.44	334211.31
247+50	26.47	0				
			45.95	0.00	75935.40	334211.31
248+00	23.16	0				
			39.87	0.00	75975.27	334211.31
248+50	19.9	0				
			33.87	0.00	76009.14	334211.31
249+00	16.68	0				
			27.94	0.00	76037.07	334211.31
249+50	13.49	0				
			22.07	0.00	76059.15	334211.31
250+00	10.35	0				
			16.30	0.00	76075.44	334211.31
250+50	7.25	0				
			10.58	0.00	76086.03	334211.31
251+00	4.18	0				
			4.94	0.00	76090.97	334211.31
251+50	1.16	0				
			1.07	1.71	76092.05	334213.03
252+00	0	1.85				
			0.00	6.24	76092.05	334219.27
252+50	0	4.89				
			0.00	11.94	76092.05	334231.20
253+00	0	8				
			0.00	17.73	76092.05	334248.94
253+50	0	11.15				
			0.00	23.62	76092.05	334272.56
254+00	0	14.36				
			0.00	29.61	76092.05	334302.17
254+50	0	17.62				
			0.00	35.69	76092.05	334337.86
255+00	0	20.93				
			0.00	41.88	76092.05	334379.74
255+50	0	24.3				
			0.00	48.17	76092.05	334427.91
256+00	0	27.72				
			0.00	54.55	76092.05	334482.45
256+50	0	31.19				
			0.00	61.03	76092.05	334543.48
257+00	0	34.72				
			0.00	67.60	76092.05	334611.08
257+50	0	38.29				
			0.00	74.28	76092.05	334685.36
258+00	0	41.93				
			0.00	81.06	76092.05	334766.42
258+50	0	45.61				
			0.00	87.93	76092.05	334854.34

259+00	0	49.35				
			0.00	94.89	76092.05	334949.23
259+50	0	53.13				
			0.00	101.95	76092.05	335051.19
260+00	0	56.98				
			0.00	109.12	76092.05	335160.31
260+50	0	60.87				
			0.00	116.38	76092.05	335276.69
261+00	0	64.82				
			0.00	123.74	76092.05	335400.43
261+50	0	68.82				
			0.00	131.20	76092.05	335531.63
262+00	0	72.88				
			0.00	138.76	76092.05	335670.39
262+50	0	76.98				
			0.00	144.45	76092.05	335814.84
263+00	0	79.03				
			0.00	138.02	76092.05	335952.86
263+50	0	70.03				
			0.00	121.55	76092.05	336074.41
264+00	0	61.24				
			0.00	105.54	76092.05	336179.94
264+50	0	52.74				
			0.00	90.01	76092.05	336269.95
265+00	0	44.47				
			0.00	74.94	76092.05	336344.90
265+50	0	36.47				
			0.00	60.36	76092.05	336405.26
266+00	0	28.72				
			0.00	46.28	76092.05	336451.54
266+50	0	21.26				
			0.00	32.66	76092.05	336484.19
267+00	0	14.01				
			0.00	19.47	76092.05	336503.67
267+50	0	7.02				
			0.00	6.79	76092.05	336510.45
268+00	0	0.31				
			5.90	0.29	76097.94	336510.74
268+50	6.37	0				
			18.14	0.00	76116.08	336510.74
269+00	13.22	0				
			31.02	0.00	76147.10	336510.74
269+50	20.28	0				
			44.26	0.00	76191.36	336510.74
270+00	27.52	0				
			57.85	0.00	76249.21	336510.74
270+50	34.96	0				
			71.80	0.00	76321.01	336510.74
271+00	42.58	0				
			86.10	0.00	76407.11	336510.74
271+50	50.41	0				
			100.76	0.00	76507.87	336510.74

272+00	58.41	0				
			115.75	0.00	76623.62	336510.74
272+50	66.6	0				
			131.13	0.00	76754.75	336510.74
273+00	75.02	0				
			146.86	0.00	76901.61	336510.74
273+50	83.59	0				
			162.93	0.00	77064.54	336510.74
274+00	92.37	0				
			179.38	0.00	77243.92	336510.74
274+50	101.36	0				
			197.37	0.00	77441.29	336510.74
275+00	111.8	0				
			225.56	0.00	77666.84	336510.74
275+50	131.8	0				
			263.83	0.00	77930.68	336510.74
276+00	153.14	0				
			303.89	0.00	78234.56	336510.74
276+50	175.06	0				
			344.91	0.00	78579.47	336510.74
277+00	197.44	0				
			385.94	0.00	78965.41	336510.74
277+50	219.37	0				
			422.39	0.00	79387.80	336510.74
278+00	236.81	0				
			462.06	0.00	79849.85	336510.74
278+50	262.21	0				
			518.68	0.00	80368.53	336510.74
279+00	297.96	0				
			588.61	0.00	80957.14	336510.74
279+50	337.74	0				
			666.31	0.00	81623.45	336510.74
280+00	381.88	0				
			749.89	0.00	82373.34	336510.74
280+50	428	0				
			835.31	0.00	83208.65	336510.74
281+00	474.13	0				
			921.61	0.00	84130.26	336510.74
281+50	521.21	0				
			1012.55	0.00	85142.81	336510.74
282+00	572.34	0				
			1107.43	0.00	86250.23	336510.74
282+50	623.68	0				
			1202.95	0.00	87453.19	336510.74
283+00	675.51	0				
			1300.06	0.00	88753.24	336510.74
283+50	728.55	0				
			1398.32	0.00	90151.56	336510.74
284+00	781.64	0				
			1496.75	0.00	91648.31	336510.74
284+50	834.85	0				
			1594.88	0.00	93243.19	336510.74

285+00	887.62	0				
			1689.87	0.00	94933.06	336510.74
285+50	937.44	0				
			1783.46	0.00	96716.53	336510.74
286+00	988.7	0				
			1877.13	0.00	98593.66	336510.74
286+50	1038.6	0				
			1959.42	0.00	100553.07	336510.74
287+00	1077.57	0				
			2022.72	0.00	102575.80	336510.74
287+50	1106.97	0				
			2070.87	0.00	104646.67	336510.74
288+00	1129.57	0				
			2112.12	0.00	106758.79	336510.74
288+50	1151.52	0				
			2152.94	0.00	108911.73	336510.74
289+00	1173.66	0				
			2194.11	0.00	111105.84	336510.74
289+50	1195.98	0				
			2235.63	0.00	113341.47	336510.74
290+00	1218.5	0				
			2277.52	0.00	115618.99	336510.74
290+50	1241.22	0				
			2319.76	0.00	117938.75	336510.74
291+00	1264.12	0				
			2362.35	0.00	120301.10	336510.74
291+50	1287.22	0				
			2405.31	0.00	122706.41	336510.74
292+00	1310.51	0				
			2448.61	0.00	125155.02	336510.74
292+50	1333.99	0				
			2492.28	0.00	127647.30	336510.74
293+00	1357.67	0				
			2536.30	0.00	130183.59	336510.74
293+50	1381.53	0				
			2580.71	0.00	132764.31	336510.74
294+00	1405.64	0				
			2625.51	0.00	135389.81	336510.74
294+50	1429.91	0				
			2670.56	0.00	138060.37	336510.74
295+00	1454.29	0				
			2715.94	0.00	140776.31	336510.74
295+50	1478.92	0				
			2761.73	0.00	143538.04	336510.74
296+00	1503.75	0				
			2807.89	0.00	146345.93	336510.74
296+50	1528.77	0				
			2854.40	0.00	149200.32	336510.74
297+00	1553.98	0				
			2901.26	0.00	152101.58	336510.74
297+50	1579.38	0				
			2948.53	0.00	155050.11	336510.74

298+00	1605.03	0				
			2996.16	0.00	158046.27	336510.74
298+50	1630.82	0				
			3044.05	0.00	161090.31	336510.74
299+00	1656.75	0				
			3092.29	0.00	164182.60	336510.74
299+50	1682.92	0				
			3140.93	0.00	167323.53	336510.74
300+00	1709.28	0				
			3189.93	0.00	170513.45	336510.74
300+50	1735.84	0				
			3239.28	0.00	173752.73	336510.74
301+00	1762.58	0				
			3288.99	0.00	177041.72	336510.74
301+50	1789.53	0				
			3339.12	0.00	180380.84	336510.74
302+00	1816.72	0				
			3389.51	0.00	183770.35	336510.74
302+50	1843.95	0				
			3440.23	0.00	187210.58	336510.74
303+00	1871.5	0				
			3491.40	0.00	190701.98	336510.74
303+50	1899.21	0				
			3542.89	0.00	194244.87	336510.74
304+00	1927.11	0				
			3594.73	0.00	197839.60	336510.74
304+50	1955.2	0				
			3646.94	0.00	201486.54	336510.74
305+00	1983.49	0				
			3699.50	0.00	205186.04	336510.74
305+50	2011.97	0				
			3752.42	0.00	208938.45	336510.74
306+00	2040.64	0				
			3805.69	0.00	212744.14	336510.74
306+50	2069.5	0				
			3859.31	0.00	216603.44	336510.74
307+00	2098.55	0				
			3913.29	0.00	220516.73	336510.74
307+50	2127.8	0				
			3967.63	0.00	224484.36	336510.74
308+00	2157.24	0				
			4022.32	0.00	228506.69	336510.74
308+50	2186.87	0				
			4077.40	0.00	232584.08	336510.74
309+00	2216.72	0				
			4132.97	0.00	236717.06	336510.74
309+50	2246.89	0				
			4188.68	0.00	240905.73	336510.74
310+00	2276.88	0				
			4244.44	0.00	245150.18	336510.74
310+50	2307.12	0				
			4300.94	0.00	249451.12	336510.74

311+00	2337.9	0				
			4357.95	0.00	253809.07	336510.74
311+50	2368.69	0				
			4415.14	0.00	258224.21	336510.74
312+00	2399.66	0				
			4472.68	0.00	262696.89	336510.74
312+50	2430.83	0				
			4530.59	0.00	267227.48	336510.74
313+00	2462.21	0				
			4588.90	0.00	271816.38	336510.74
313+50	2493.8	0				
			4647.48	0.00	276463.86	336510.74
314+00	2525.48	0				
			4706.39	0.00	281170.25	336510.74
314+50	2557.42	0				
			4765.71	0.00	285935.96	336510.74
315+00	2589.55	0				
			4825.39	0.00	290761.35	336510.74
315+50	2621.87	0				
			4885.42	0.00	295646.77	336510.74
316+00	2654.38	0				
			4945.81	0.00	300592.57	336510.74
316+50	2687.09	0				
			5006.57	0.00	305599.15	336510.74
317+00	2720.01	0				
			5067.64	0.00	310666.79	336510.74
317+50	2753.04	0				
			5129.06	0.00	315795.85	336510.74
318+00	2786.35	0				
			5190.91	0.00	320986.76	336510.74
318+50	2819.83	0				
			5253.07	0.00	326239.83	336510.74
319+00	2853.49	0				
			5315.59	0.00	331555.43	336510.74
319+50	2887.35	0				
			5378.47	0.00	336933.90	336510.74
320+00	2921.4	0				
			5441.70	0.00	342375.60	336510.74
320+50	2955.64	0				
			5505.38	0.00	347880.98	336510.74
321+00	2990.17	0				
			5569.19	0.00	353450.18	336510.74
321+50	3024.56	0				
			5633.41	0.00	359083.58	336510.74
322+00	3059.52	0				
			5698.19	0.00	364781.78	336510.74
322+50	3094.53	0				
			5763.20	0.00	370544.98	336510.74
323+00	3129.73	0				
			5828.57	0.00	376373.56	336510.74
323+50	3165.13	0				
			5894.31	0.00	382267.87	336510.74

324+00	3200.73	0				
			5960.45	0.00	388228.32	336510.74
324+50	3236.56	0				
			6026.86	0.00	394255.19	336510.74
325+00	3272.45	0				
			6093.53	0.00	400348.71	336510.74
325+50	3308.56	0				
			6160.69	0.00	406509.40	336510.74
326+00	3344.98	0				
			6228.25	0.00	412737.65	336510.74
326+50	3381.53	0				
			6296.11	0.00	419033.76	336510.74
327+00	3418.27	0				
			6364.33	0.00	425398.09	336510.74
327+50	3455.21	0				
			6432.91	0.00	431831.00	336510.74
328+00	3492.33	0				
			6501.82	0.00	438332.82	336510.74
328+50	3529.64	0				
			6571.10	0.00	444903.93	336510.74
329+00	3567.15	0				
			6640.74	0.00	451544.67	336510.74
329+50	3604.85	0				
			6710.73	0.00	458255.40	336510.74
330+00	3642.74	0				
			6781.08	0.00	465036.48	336510.74
330+50	3680.83	0				
			6851.79	0.00	471888.27	336510.74
331+00	3719.1	0				
			6922.84	0.00	478811.11	336510.74
331+50	3757.57	0				
			6994.34	0.00	485805.45	336510.74
332+00	3796.32	0				
			7066.02	0.00	492871.47	336510.74
332+50	3834.98	0				
			7138.06	0.00	500009.54	336510.74
333+00	3874.13	0				
			7210.65	0.00	507220.19	336510.74
333+50	3913.37	0				
			7283.49	0.00	514503.68	336510.74
334+00	3952.8	0				
			7356.69	0.00	521860.36	336510.74
334+50	3992.42	0				
			7430.24	0.00	529290.60	336510.74
335+00	4032.24	0				
			7504.15	0.00	536794.75	336510.74
335+50	4072.24	0				
			7578.44	0.00	544373.19	336510.74
336+00	4112.47	0				
			7653.02	0.00	552026.20	336510.74
336+50	4152.79	0				
			7727.96	0.00	559754.17	336510.74

337+00	4193.41	0				
			7803.33	0.00	567557.50	336510.74
337+50	4234.19	0				
			7879.03	0.00	575436.53	336510.74
338+00	4275.16	0				
			7955.07	0.00	583391.60	336510.74
338+50	4316.32	0				
			8031.53	0.00	591423.13	336510.74
339+00	4357.73	0				
			8108.36	0.00	599531.49	336510.74
339+50	4399.3	0				
			8185.41	0.00	607716.90	336510.74
340+00	4440.94	0				
			8262.79	0.00	615979.69	336510.74
340+50	4482.87	0				
			8340.61	0.00	624320.30	336510.74
341+00	4524.99	0				
			8418.79	0.00	632739.08	336510.74
341+50	4567.3	0				
			8497.32	0.00	641236.41	336510.74
342+00	4609.81	0				
			8576.21	0.00	649812.62	336510.74
342+50	4652.5	0				
			8655.52	0.00	658468.14	336510.74
343+00	4695.46	0				
			8735.06	0.00	667203.20	336510.74
343+50	4738.41	0				
			8814.95	0.00	676018.16	336510.74
344+00	4781.74	0				
			8895.32	0.00	684913.48	336510.74
344+50	4825.21	0				
			8976.00	0.00	693889.48	336510.74
345+00	4868.87	0				
			9057.02	0.00	702946.50	336510.74
345+50	4912.71	0				
			9138.39	0.00	712084.89	336510.74
346+00	4956.75	0				
			9220.13	0.00	721305.02	336510.74
346+50	5000.99	0				
			9302.25	0.00	730607.27	336510.74
347+00	5045.44	0				
			9384.69	0.00	739991.95	336510.74
347+50	5090.02	0				
			9467.46	0.00	749459.42	336510.74
348+00	5134.84	0				
			9550.63	0.00	759010.05	336510.74
348+50	5179.84	0				
			9634.15	0.00	768644.19	336510.74
349+00	5225.04	0				
			9718.02	0.00	778362.21	336510.74
349+50	5270.42	0				
			9802.24	0.00	788164.45	336510.74

350+00	5316	0				
			9886.82	0.00	798051.28	336510.74
350+50	5361.77	0				
			9971.84	0.00	808023.12	336510.74
351+00	5407.82	0				
			10057.04	0.00	818080.16	336510.74
351+50	5453.78	0				
			10142.61	0.00	828222.77	336510.74
352+00	5500.24	0				
			10228.67	0.00	838451.44	336510.74
352+50	5546.72	0				
			10297.78	0.00	848749.21	336510.74
353+00	5574.88	0				
			10319.06	0.00	859068.27	336510.74
353+50	5569.7	0				
			10291.42	0.00	869359.69	336510.74
354+00	5545.03	0				
			10244.96	0.00	879604.65	336510.74
354+50	5519.53	0				
			10266.10	0.00	889870.75	336510.74
355+00	5567.86	0				
			10391.81	0.00	900262.56	336510.74
355+50	5655.3	0				
			10549.69	0.00	910812.25	336510.74
356+00	5738.36	0				
			10695.13	0.00	921507.38	336510.74
356+50	5812.38	0				
			10865.37	0.00	932372.75	336510.74
357+00	5922.22	0				
			11058.81	0.00	943431.56	336510.74
357+50	6021.3	0				
			11196.98	0.00	954628.55	336510.74
358+00	6071.44	0				
			11288.71	0.00	965917.26	336510.74
358+50	6120.37	0				
			11379.29	0.00	977296.55	336510.74
359+00	6169.26	0				
			11470.14	0.00	988766.69	336510.74
359+50	6218.49	0				
			11561.48	0.00	1000328.17	336510.74
360+00	6267.91	0				
			11653.19	0.00	1011981.35	336510.74
360+50	6317.53	0				
			11745.24	0.00	1023726.59	336510.74
361+00	6367.33	0				
			11837.65	0.00	1035564.24	336510.74
361+50	6417.33	0				
			11930.46	0.00	1047494.70	336510.74
362+00	6467.57	0				
			12023.52	0.00	1059518.22	336510.74
362+50	6517.83	0				
			12116.94	0.00	1071635.17	336510.74

363+00	6568.47	0				
			12210.84	0.00	1083846.01	336510.74
363+50	6619.24	0				
			12305.04	0.00	1096151.05	336510.74
364+00	6670.2	0				
			12399.58	0.00	1108550.63	336510.74
364+50	6721.35	0				
			12494.48	0.00	1121045.11	336510.74
365+00	6772.69	0				
			12589.74	0.00	1133634.85	336510.74
365+50	6824.23	0				
			12685.35	0.00	1146320.20	336510.74
366+00	6875.95	0				
			12781.31	0.00	1159101.52	336510.74
366+50	6927.87	0				
			12877.64	0.00	1171979.16	336510.74
367+00	6979.98	0				
			12974.32	0.00	1184953.48	336510.74
367+50	7032.29	0				
			12947.12	0.00	1197900.60	336510.74
368+00	6950.6	0				
			12624.06	0.00	1210524.66	336510.74
368+50	6683.38	0				
			12087.89	0.00	1222612.55	336510.74
369+00	6371.54	0				
			11511.05	0.00	1234123.59	336510.74
369+50	6060.39	0				
			10893.55	0.00	1245017.14	336510.74
370+00	5704.64	0				
			10256.05	0.00	1255273.19	336510.74
370+50	5371.89	0				
			9587.09	0.00	1264860.28	336510.74
371+00	4982.17	0				
			8798.30	0.00	1273658.57	336510.74
371+50	4519.99	0				
			8054.47	0.00	1281713.05	336510.74
372+00	4178.84	0				
			7367.13	0.00	1289080.18	336510.74
372+50	3777.66	0				
			6577.06	0.00	1295657.24	336510.74
373+00	3325.57	0				
			5721.13	0.00	1301378.37	336510.74
373+50	2853.25	0				
			4914.36	0.00	1306292.73	336510.74
374+00	2454.26	0				
			4213.89	0.00	1310506.62	336510.74
374+50	2096.74	0				
			3570.26	0.00	1314076.88	336510.74
375+00	1759.14	0				
			2965.98	0.00	1317042.86	336510.74
375+50	1444.12	0				
			2410.64	0.00	1319453.50	336510.74

376+00	1159.37	0				
			1907.96	0.00	1321361.46	336510.74
376+50	901.23	0				
			1458.36	0.00	1322819.82	336510.74
377+00	673.8	0				
			1099.80	0.00	1323919.62	336510.74
377+50	513.98	0				
			820.49	0.00	1324740.11	336510.74
378+00	372.15	0				
			570.94	0.00	1325311.06	336510.74
378+50	244.47	0				
			355.02	0.00	1325666.07	336510.74
379+00	138.95	0				
			183.79	0.00	1325849.86	336510.74
379+50	59.54	0				
			55.14	6.30	1325905.00	336517.04
380+00	0.01	6.8				
			0.01	81.83	1325905.01	336598.87
380+50	0	81.58				
			0.00	250.61	1325905.01	336849.48
381+00	0	189.08				
			0.00	488.55	1325905.01	337338.03
381+50	0	338.55				
			0.00	793.21	1325905.01	338131.24
382+00	0	518.12				
			0.00	1138.34	1325905.01	339269.58
382+50	0	711.29				
			0.00	1423.17	1325905.01	340692.75
383+00	0	825.73				
			0.00	1637.55	1325905.01	342330.30
383+50	0	942.82				
			0.00	1861.71	1325905.01	344192.01
384+00	0	1067.83				
			0.00	2100.48	1325905.01	346292.49
384+50	0	1200.69				
			0.00	2353.82	1325905.01	348646.31
385+00	0	1341.44				
			0.00	2620.53	1325905.01	351266.84
385+50	0	1488.73				
			0.00	2900.08	1325905.01	354166.93
386+00	0	1643.36				
			0.00	3192.23	1325905.01	357359.16
386+50	0	1804.25				
			0.00	3495.45	1325905.01	360854.61
387+00	0	1970.84				
			0.00	3809.44	1325905.01	364664.05
387+50	0	2143.35				
			0.00	4133.66	1325905.01	368797.70
388+00	0	2321				
			0.00	4467.40	1325905.01	373265.10
388+50	0	2503.79				
			0.00	4804.06	1325905.01	378069.16

389+00	0	2684.59				
			0.00	5118.18	1325905.01	383187.33
389+50	0	2843.04				
			0.00	5402.70	1325905.01	388590.04
390+00	0	2991.88				
			0.00	5670.44	1325905.01	394260.47
390+50	0	3132.19				
			0.00	5923.44	1325905.01	400183.91
391+00	0	3265.12				
			0.00	6163.39	1325905.01	406347.30
391+50	0	3391.34				
			0.00	6391.60	1325905.01	412738.90
392+00	0	3511.59				
			0.00	6605.04	1325905.01	419343.94
392+50	0	3621.85				
			0.00	6793.26	1325905.01	426137.19
393+00	0	3714.87				
			0.00	6960.10	1325905.01	433097.30
393+50	0	3802.04				
			0.00	7105.87	1325905.01	440203.17
394+00	0	3872.3				
			0.00	7200.06	1325905.01	447403.22
394+50	0	3903.76				
			0.00	7282.94	1325905.01	454686.16
395+00	0	3961.81				
			0.00	7653.08	1325905.01	462339.24
395+50	0	4303.52				
			0.00	8254.84	1325905.01	470594.08
396+00	0	4611.71				
			0.00	8678.09	1325905.01	479272.18
396+50	0	4760.63				
			0.00	8860.05	1325905.01	488132.22
397+00	0	4808.22				
			0.00	8842.12	1325905.01	496974.34
397+50	0	4741.27				
			0.00	8770.94	1325905.01	505745.29
398+00	0	4731.35				
			0.00	8754.45	1325905.01	514499.74
398+50	0	4723.46				
			0.00	8740.04	1325905.01	523239.78
399+00	0	4715.78				
			0.00	8726.74	1325905.01	531966.52
399+50	0	4709.1				
			0.00	8716.67	1325905.01	540683.19
400+00	0	4704.9				
			0.00	8719.75	1325905.01	549402.94
400+50	0	4712.43				
			0.00	8733.35	1325905.01	558136.29
401+00	0	4719.59				
			0.00	8746.81	1325905.01	566883.10
401+50	0	4726.97				
			0.00	8762.23	1325905.01	575645.33

402+00	0	4736.24				
			0.00	8783.74	1325905.01	584429.07
402+50	0	4750.2				
			0.00	8813.32	1325905.01	593242.40
403+00	0	4768.19				
			0.00	8851.31	1325905.01	602093.71
403+50	0	4791.23				
			0.00	8913.02	1325905.01	611006.73
404+00	0	4834.83				
			0.00	8980.16	1325905.01	619986.89
404+50	0	4863.74				
			0.00	9019.71	1325905.01	629006.60
405+00	0	4877.55				
			0.00	9024.86	1325905.01	638031.46
405+50	0	4869.3				
			0.00	8996.76	1325905.01	647028.22
406+00	0	4847.2				
			0.00	8976.10	1325905.01	656004.32
406+50	0	4846.99				
			0.00	9037.96	1325905.01	665042.29
407+00	0	4914.01				
			0.00	9169.83	1325905.01	674212.12
407+50	0	4989.41				
			0.00	9309.32	1325905.01	683521.44
408+00	0	5064.66				
			0.00	9443.79	1325905.01	692965.23
408+50	0	5134.63				
			0.00	9566.76	1325905.01	702531.99
409+00	0	5197.47				
			0.00	9673.82	1325905.01	712205.81
409+50	0	5250.26				
			0.00	9762.53	1325905.01	721968.34
410+00	0	5293.27				
			0.00	9835.31	1325905.01	731803.65
410+50	0	5328.86				
			0.00	9898.25	1325905.01	741701.90
411+00	0	5361.25				
			0.00	9956.52	1325905.01	751658.42
411+50	0	5391.79				
			0.00	10014.05	1325905.01	761672.46
412+00	0	5423.38				
			0.00	10074.02	1325905.01	771746.48
412+50	0	5456.56				
			0.00	10136.92	1325905.01	781883.40
413+00	0	5491.31				
			0.00	10202.73	1325905.01	792086.13
413+50	0	5527.64				
			0.00	10269.04	1325905.01	802355.17
414+00	0	5562.92				
			0.00	10329.01	1325905.01	812684.18
414+50	0	5592.41				
			0.00	10374.70	1325905.01	823058.88

415+00	0	5612.27				
			0.00	10401.23	1325905.01	833460.11
415+50	0	5621.06				
			0.00	10412.69	1325905.01	843872.80
416+00	0	5624.64				
			0.00	10418.52	1325905.01	854291.31
416+50	0	5627.36				
			0.00	10423.55	1325905.01	864714.86
417+00	0	5630.07				
			0.00	10428.57	1325905.01	875143.44
417+50	0	5632.79				
			0.00	10433.58	1325905.01	885577.02
418+00	0	5635.48				
			0.00	10437.06	1325905.01	896014.08
418+50	0	5636.55				
			0.00	10434.53	1325905.01	906448.61
419+00	0	5632.74				
			0.00	10426.27	1325905.01	916874.88
419+50	0	5627.63				
			0.00	10415.14	1325905.01	927290.02
420+00	0	5620.72				
			0.00	10388.40	1325905.01	937678.42
420+50	0	5598.75				
			0.00	10329.69	1325905.01	948008.11
421+00	0	5557.32				
			0.00	10248.44	1325905.01	958256.55
421+50	0	5510.99				
			0.00	10162.96	1325905.01	968419.51
422+00	0	5465.01				
			0.00	10077.99	1325905.01	978497.50
422+50	0	5419.22				
			0.00	9993.22	1325905.01	988490.72
423+00	0	5373.46				
			0.00	9908.72	1325905.01	998399.44
423+50	0	5327.96				
			0.00	9824.65	1325905.01	1008224.09
424+00	0	5282.66				
			0.00	9740.94	1325905.01	1017965.03
424+50	0	5237.55				
			0.00	9657.56	1325905.01	1027622.59
425+00	0	5192.62				
			0.00	9574.53	1325905.01	1037197.12
425+50	0	5147.87				
			0.00	9491.88	1325905.01	1046689.00
426+00	0	5103.36				
			0.00	9409.60	1325905.01	1056098.60
426+50	0	5059.01				
			0.00	9327.64	1325905.01	1065426.24
427+00	0	5014.84				
			0.00	9246.03	1325905.01	1074672.27
427+50	0	4970.87				
			0.00	9164.78	1325905.01	1083837.05

428+00	0	4927.09				
			0.00	9083.89	1325905.01	1092920.94
428+50	0	4883.51				
			0.00	9003.34	1325905.01	1101924.28
429+00	0	4840.1				
			0.00	8923.16	1325905.01	1110847.44
429+50	0	4796.91				
			0.00	8843.32	1325905.01	1119690.76
430+00	0	4753.88				
			0.00	8763.83	1325905.01	1128454.59
430+50	0	4711.06				
			0.00	8684.46	1325905.01	1137139.06
431+00	0	4668.16				
			0.00	8601.06	1325905.01	1145740.11
431+50	0	4620.98				
			0.00	8508.34	1325905.01	1154248.45
432+00	0	4568.03				
			0.00	8404.93	1325905.01	1162653.38
432+50	0	4509.29				
			0.00	8290.82	1325905.01	1170944.20
433+00	0	4444.8				
			0.00	8165.95	1325905.01	1179110.16
433+50	0	4374.43				
			0.00	8031.04	1325905.01	1187141.19
434+00	0	4299.09				
			0.00	7891.41	1325905.01	1195032.60
434+50	0	4223.63				
			0.00	7752.28	1325905.01	1202784.88
435+00	0	4148.83				
			0.00	7614.37	1325905.01	1210399.25
435+50	0	4074.69				
			0.00	7477.68	1325905.01	1217876.93
436+00	0	4001.2				
			0.00	7342.19	1325905.01	1225219.12
436+50	0	3928.37				
			0.00	7207.84	1325905.01	1232426.96
437+00	0	3856.1				
			0.00	7073.39	1325905.01	1239500.35
437+50	0	3783.16				
			0.00	6938.45	1325905.01	1246438.81
438+00	0	3710.37				
			0.00	6804.38	1325905.01	1253243.19
438+50	0	3638.36				
			0.00	6671.68	1325905.01	1259914.86
439+00	0	3567.05				
			0.00	6545.59	1325905.01	1266460.45
439+50	0	3502.19				
			0.00	6456.62	1325905.01	1272917.07
440+00	0	3470.96				
			0.00	6403.68	1325905.01	1279320.75
440+50	0	3445.01				
			0.00	6353.15	1325905.01	1285673.90

441+00	0	3416.39				
			0.00	6315.19	1325905.01	1291989.09
441+50	0	3404.02				
			0.00	6296.75	1325905.01	1298285.84
442+00	0	3396.47				
			0.00	6282.81	1325905.01	1304568.65
442+50	0	3388.96				
			0.00	6268.90	1325905.01	1310837.55
443+00	0	3381.45				
			0.00	6255.00	1325905.01	1317092.55
443+50	0	3373.95				
			0.00	6241.12	1325905.01	1323333.67
444+00	0	3366.46				
			0.00	6227.21	1325905.01	1329560.88
444+50	0	3358.93				
			0.00	6213.27	1325905.01	1335774.15
445+00	0	3351.4				
			0.00	6199.33	1325905.01	1341973.48
445+50	0	3343.88				
			0.00	6185.41	1325905.01	1348158.89
446+00	0	3336.36				
			0.00	6171.49	1325905.01	1354330.38
446+50	0	3328.85				
			0.00	6157.59	1325905.01	1360487.97
447+00	0	3321.35				
			0.00	6143.66	1325905.01	1366631.63
447+50	0	3313.8				
			0.00	6125.69	1325905.01	1372757.32
448+00	0	3301.95				
			0.00	6098.80	1325905.01	1378856.12
448+50	0	3284.75				
			0.00	6060.19	1325905.01	1384916.31
449+00	0	3260.26				
			0.00	6004.58	1325905.01	1390920.90
449+50	0	3224.69				
			0.00	5938.87	1325905.01	1396859.77
450+00	0	3189.29				
			0.00	5873.49	1325905.01	1402733.26
450+50	0	3154.08				
			0.00	5808.46	1325905.01	1408541.72
451+00	0	3119.06				
			0.00	5743.79	1325905.01	1414285.51
451+50	0	3084.23				
			0.00	5679.41	1325905.01	1419964.92
452+00	0	3049.53				
			0.00	5615.51	1325905.01	1425580.43
452+50	0	3015.22				
			0.00	5551.94	1325905.01	1431132.37
453+00	0	2980.88				
			0.00	5488.60	1325905.01	1436620.97
453+50	0	2946.81				
			0.00	5425.69	1325905.01	1442046.66

454+00	0	2912.93				
			0.00	5363.12	1325905.01	1447409.78
454+50	0	2879.24				
			0.00	5300.91	1325905.01	1452710.69
455+00	0	2845.74				
			0.00	5219.45	1325905.01	1457930.14
455+50	0	2791.27				
			0.00	5064.19	1325905.01	1462994.33
456+00	0	2678.06				
			0.00	4856.58	1325905.01	1467850.92
456+50	0	2567.05				
			0.00	4653.10	1325905.01	1472504.02
457+00	0	2458.3				
			0.00	4453.83	1325905.01	1476957.85
457+50	0	2351.84				
			0.00	4258.79	1325905.01	1481216.64
458+00	0	2247.65				
			0.00	4067.95	1325905.01	1485284.59
458+50	0	2145.74				
			0.00	3881.29	1325905.01	1489165.88
459+00	0	2046.05				
			0.00	3698.80	1325905.01	1492864.68
459+50	0	1948.65				
			0.00	3521.68	1325905.01	1496386.35
460+00	0	1854.76				
			0.00	3349.96	1325905.01	1499736.31
460+50	0	1763.2				
			0.00	3183.12	1325905.01	1502919.44
461+00	0	1674.57				
			0.00	3022.93	1325905.01	1505942.36
461+50	0	1590.19				
			0.00	2870.67	1325905.01	1508813.03
462+00	0	1510.13				
			0.00	2724.48	1325905.01	1511537.51
462+50	0	1432.31				
			0.00	2578.48	1325905.01	1514115.99
463+00	0	1352.45				
			0.00	2429.11	1325905.01	1516545.10
463+50	0	1270.99				
			0.00	2275.13	1325905.01	1518820.23
464+00	0	1186.15				
			0.00	2119.45	1325905.01	1520939.69
464+50	0	1102.86				
			0.00	1977.69	1325905.01	1522917.37
465+00	0	1033.04				
			0.00	1851.27	1325905.01	1524768.64
465+50	0	966.33				
			0.00	1729.88	1325905.01	1526498.52
466+00	0	901.94				
			0.00	1612.80	1325905.01	1528111.31
466+50	0	839.88				
			0.00	1499.99	1325905.01	1529611.31

467+00	0	780.11				
			0.00	1391.46	1325905.01	1531002.77
467+50	0	722.67				
			0.00	1286.77	1325905.01	1532289.54
468+00	0	667.04				
			0.00	1185.64	1325905.01	1533475.18
468+50	0	613.45				
			0.00	1088.23	1325905.01	1534563.41
469+00	0	561.84				
			0.00	994.49	1325905.01	1535557.90
469+50	0	512.21				
			0.00	904.42	1325905.01	1536462.31
470+00	0	464.56				
			0.00	817.99	1325905.01	1537280.31
470+50	0	418.87				
			0.00	735.60	1325905.01	1538015.91
471+00	0	375.58				
			0.00	658.06	1325905.01	1538673.96
471+50	0	335.12				
			0.00	585.67	1325905.01	1539259.63
472+00	0	297.4				
			0.00	518.50	1325905.01	1539778.13
472+50	0	262.58				
			0.00	455.85	1325905.01	1540233.98
473+00	0	229.74				
			0.00	397.27	1325905.01	1540631.25
473+50	0	199.31				
			0.00	343.09	1325905.01	1540974.34
474+00	0	171.23				
			0.00	292.71	1325905.01	1541267.06
474+50	0	144.9				
			0.00	245.47	1325905.01	1541512.53
475+00	0	120.21				
			0.00	201.01	1325905.01	1541713.54
475+50	0	96.88				
			0.00	165.29	1325905.01	1541878.82
476+00	0	81.63				
			0.00	143.89	1325905.01	1542022.71
476+50	0	73.77				
			0.00	129.51	1325905.01	1542152.22
477+00	0	66.1				
			0.00	115.48	1325905.01	1542267.70
477+50	0	58.62				
			0.00	101.81	1325905.01	1542369.51
478+00	0	51.33				
			0.00	88.49	1325905.01	1542458.00
478+50	0	44.24				
			0.00	75.53	1325905.01	1542533.53
479+00	0	37.33				
			0.00	62.92	1325905.01	1542596.44
479+50	0	30.62				
			0.00	52.42	1325905.01	1542648.86

480+00	0	25.99				
			0.00	49.65	1325905.01	1542698.51
480+50	0	27.63				
			0.00	45.32	1325905.01	1542743.83
481+00	0	21.32				
			0.00	33.81	1325905.01	1542777.64
481+50	0	15.19				
			0.00	22.63	1325905.01	1542800.27
482+00	0	9.25				
			0.00	11.87	1325905.01	1542812.14
482+50	0	3.57				
			1.70	3.31	1325906.71	1542815.44
483+00	1.84	0				
			8.48	0.00	1325915.19	1542815.44
483+50	7.32	0				
			18.74	0.00	1325933.94	1542815.44
484+00	12.92	0				
			29.23	0.00	1325963.17	1542815.44
484+50	18.65	0				
			39.96	0.00	1326003.13	1542815.44
485+00	24.51	0				
			50.94	0.00	1326054.06	1542815.44
485+50	30.5	0				
			62.14	0.00	1326116.20	1542815.44
486+00	36.61	0				
			73.34	0.00	1326189.55	1542815.44
486+50	42.6	0				
			84.50	0.00	1326274.05	1542815.44
487+00	48.66	0				
			95.84	0.00	1326369.89	1542815.44
487+50	54.85	0				
			107.41	0.00	1326477.30	1542815.44
488+00	61.15	0				
			119.19	0.00	1326596.48	1542815.44
488+50	67.57	0				
			131.18	0.00	1326727.66	1542815.44
489+00	74.1	0				
			143.38	0.00	1326871.04	1542815.44
489+50	80.75	0				
			155.79	0.00	1327026.82	1542815.44
490+00	87.5	0				
			168.29	0.00	1327195.11	1542815.44
490+50	94.25	0				
			180.89	0.00	1327376.00	1542815.44
491+00	101.11	0				
			193.70	0.00	1327569.70	1542815.44
491+50	108.09	0				
			206.72	0.00	1327776.43	1542815.44
492+00	115.17	0				
			219.94	0.00	1327996.37	1542815.44
492+50	122.37	0				
			233.38	0.00	1328229.75	1542815.44

493+00	129.68	0				
			247.39	0.00	1328477.14	1542815.44
493+50	137.5	0				
			261.55	0.00	1328738.69	1542815.44
494+00	144.97	0				
			275.37	0.00	1329014.06	1542815.44
494+50	152.43	0				
			285.39	0.00	1329299.44	1542815.44
495+00	155.79	0				
			283.36	0.00	1329582.81	1542815.44
495+50	150.24	0				
			272.92	0.00	1329855.72	1542815.44
496+00	144.51	0				
			262.36	0.00	1330118.08	1542815.44
496+50	138.84	0				
			251.92	0.00	1330370.00	1542815.44
497+00	133.23	0				
			241.62	0.00	1330611.62	1542815.44
497+50	127.72	0				
			231.44	0.00	1330843.06	1542815.44
498+00	122.23	0				
			221.34	0.00	1331064.40	1542815.44
498+50	116.82	0				
			211.38	0.00	1331275.78	1542815.44
499+00	111.47	0				
			201.53	0.00	1331477.31	1542815.44
499+50	106.18	0				
			191.80	0.00	1331669.10	1542815.44
500+00	100.96	0				
			182.18	0.00	1331851.28	1542815.44
500+50	95.79	0				
			172.68	0.00	1332023.95	1542815.44
501+00	90.7	0				
			163.31	0.00	1332187.27	1542815.44
501+50	85.68	0				
			154.06	0.00	1332341.32	1542815.44
502+00	80.7	0				
			144.81	0.00	1332486.13	1542815.44
502+50	75.69	0				
			133.64	0.00	1332619.77	1542815.44
503+00	68.64	0				
			119.02	0.00	1332738.79	1542815.44
503+50	59.9	0				
			102.53	0.00	1332841.31	1542815.44
504+00	50.83	0				
			85.81	0.00	1332927.13	1542815.44
504+50	41.85	0				
			69.20	0.00	1332996.33	1542815.44
505+00	32.89	0				
			52.69	0.00	1333049.03	1542815.44
505+50	24.02	0				
			36.51	0.00	1333085.54	1542815.44

506+00	15.41	0				
			20.44	0.00	1333105.98	1542815.44
506+50	6.67	0				
			6.19	1.03	1333112.18	1542816.47
507+00	0.02	1.11				
			0.02	9.31	1333112.19	1542825.79
507+50	0	8.95				
			0.00	24.18	1333112.19	1542849.96
508+00	0	17.16				
			0.00	39.69	1333112.19	1542889.66
508+50	0	25.71				
			0.00	55.99	1333112.19	1542945.65
509+00	0	34.76				
			0.00	72.53	1333112.19	1543018.18
509+50	0	43.57				
			0.00	88.27	1333112.19	1543106.44
510+00	0	51.76				
			0.00	103.68	1333112.19	1543210.12
510+50	0	60.21				
			0.00	119.55	1333112.19	1543329.67
511+00	0	68.9				
			0.00	136.94	1333112.19	1543466.61
511+50	0	79				
			0.00	155.47	1333112.19	1543622.08
512+00	0	88.91				
			0.00	174.24	1333112.19	1543796.32
512+50	0	99.27				
			0.00	193.35	1333112.19	1543989.68
513+00	0	109.55				
			0.00	214.36	1333112.19	1544204.04
513+50	0	121.96				
			0.00	240.69	1333112.19	1544444.73
514+00	0	137.99				
			0.00	267.77	1333112.19	1544712.50
514+50	0	151.2				
			0.00	290.91	1333112.19	1545003.41
515+00	0	162.98				
			0.00	313.18	1333112.19	1545316.58
515+50	0	175.25				
			0.00	338.02	1333112.19	1545654.60
516+00	0	189.81				
			0.00	363.46	1333112.19	1546018.06
516+50	0	202.73				
			0.00	393.18	1333112.19	1546411.24
517+00	0	221.9				
			0.00	426.03	1333112.19	1546837.27
517+50	0	238.21				
			0.00	457.31	1333112.19	1547294.57
518+00	0	255.68				
			0.00	489.02	1333112.19	1547783.59
518+50	0	272.46				
			0.00	520.38	1333112.19	1548303.97

519+00	0	289.55				
			0.00	554.64	1333112.19	1548858.61
519+50	0	309.46				
			0.00	591.44	1333112.19	1549450.05
520+00	0	329.29				
			0.00	630.40	1333112.19	1550080.44
520+50	0	351.54				
			0.00	671.94	1333112.19	1550752.38
521+00	0	374.15				
			0.00	712.81	1333112.19	1551465.19
521+50	0	395.69				
			0.00	753.68	1333112.19	1552218.87
522+00	0	418.28				
			0.00	794.13	1333112.19	1553013.00
522+50	0	439.38				
			0.00	837.16	1333112.19	1553850.16
523+00	0	464.75				
			0.00	883.99	1333112.19	1554734.15
523+50	0	489.96				
			0.00	930.40	1333112.19	1555664.55
524+00	0	514.87				
			0.00	972.26	1333112.19	1556636.81
524+50	0	535.17				
			0.00	1012.73	1333112.19	1557649.54
525+00	0	558.58				
			0.00	1060.57	1333112.19	1558710.11
525+50	0	586.84				
			0.00	1113.55	1333112.19	1559823.66
526+00	0	615.79				
			0.00	1163.76	1333112.19	1560987.42
526+50	0	641.07				
			0.00	1211.14	1333112.19	1562198.56
527+00	0	666.96				
			0.00	1252.01	1333112.19	1563450.56
527+50	0	685.21				
			0.00	1266.59	1333112.19	1564717.16
528+00	0	682.71				
			0.00	1261.80	1333112.19	1565978.95
528+50	0	680.03				
			0.00	1278.67	1333112.19	1567257.62
529+00	0	700.93				
			0.00	1311.85	1333112.19	1568569.47
529+50	0	715.87				
			0.00	1345.19	1333112.19	1569914.66
530+00	0	736.93				
			0.00	1376.81	1333112.19	1571291.46
530+50	0	750.02				
			0.00	1407.52	1333112.19	1572698.98
531+00	0	770.1				
			0.00	1434.22	1333112.19	1574133.20
531+50	0	778.86				
			0.00	1448.78	1333112.19	1575581.98

532+00	0	785.82				
			0.00	1467.97	1333112.19	1577049.95
532+50	0	799.59				
			0.00	1482.22	1333112.19	1578532.18
533+00	0	801.21				
			0.00	1498.62	1333112.19	1580030.80
533+50	0	817.3				
			0.00	1515.58	1333112.19	1581546.38
534+00	0	819.53				
			0.00	1516.16	1333112.19	1583062.54
534+50	0	817.92				
			0.00	1513.74	1333112.19	1584576.28
535+00	0	816.92				
			0.00	1501.05	1333112.19	1586077.32
535+50	0	804.21				
			0.00	1479.93	1333112.19	1587557.25
536+00	0	794.11				
			0.00	1455.19	1333112.19	1589012.44
536+50	0	777.5				
			0.00	1416.77	1333112.19	1590429.21
537+00	0	752.61				
			0.00	1369.94	1333112.19	1591799.16
537+50	0	726.93				
			0.00	1318.93	1333112.19	1593118.08
538+00	0	697.51				
			0.00	1255.44	1333112.19	1594373.53
538+50	0	658.37				
			0.00	1171.44	1333112.19	1595544.97
539+00	0	606.79				
			0.00	1071.19	1333112.19	1596616.17
539+50	0	550.1				
			0.00	964.40	1333112.19	1597580.56
540+00	0	491.45				
			0.00	858.52	1333112.19	1598439.08
540+50	0	435.75				
			0.00	758.34	1333112.19	1599197.43
541+00	0	383.26				
			0.00	660.08	1333112.19	1599857.51
541+50	0	329.63				
			0.00	562.69	1333112.19	1600420.20
542+00	0	278.08				
			0.00	476.81	1333112.19	1600897.01
542+50	0	236.87				
			0.00	400.97	1333112.19	1601297.98
543+00	0	196.18				
			0.00	330.92	1333112.19	1601628.90
543+50	0	161.21				
			0.00	271.52	1333112.19	1601900.42
544+00	0	132.03				
			0.00	231.08	1333112.19	1602131.50
544+50	0	117.54				
			0.00	209.42	1333112.19	1602340.92

545+00	0	108.63				
			0.00	182.86	1333112.19	1602523.78
545+50	0	88.86				
			0.00	159.91	1333112.19	1602683.69
546+00	0	83.84				
			0.00	153.11	1333112.19	1602836.80
546+50	0	81.52				
			0.00	137.98	1333112.19	1602974.78
547+00	0	67.5				
			0.00	111.56	1333112.19	1603086.33
547+50	0	52.98				
			0.00	91.97	1333112.19	1603178.31
548+00	0	46.35				
			0.00	86.85	1333112.19	1603265.16
548+50	0	47.45				
			0.00	89.38	1333112.19	1603354.54
549+00	0	49.08				
			0.00	97.51	1333112.19	1603452.05
549+50	0	56.23				
			0.00	111.56	1333112.19	1603563.60
550+00	0	64.25				
			0.00	125.17	1333112.19	1603688.77
550+50	0	70.93				
			0.00	138.73	1333112.19	1603827.50
551+00	0	78.9				
			0.00	155.57	1333112.19	1603983.07
551+50	0	89.12				
			0.00	174.94	1333112.19	1604158.01
552+00	0	99.81				
			0.00	192.39	1333112.19	1604350.40
552+50	0	107.97				
			0.00	206.44	1333112.19	1604556.83
553+00	0	114.98				
			0.00	222.24	1333112.19	1604779.07
553+50	0	125.04				
			0.00	236.49	1333112.19	1605015.56
554+00	0	130.37				
			0.00	246.91	1333112.19	1605262.47
554+50	0	136.29				
			0.00	257.87	1333112.19	1605520.34
555+00	0	142.21				
			0.00	270.12	1333112.19	1605790.46
555+50	0	149.52				
			0.00	287.47	1333112.19	1606077.94
556+00	0	160.95				
			0.00	310.60	1333112.19	1606388.54
556+50	0	174.5				
			0.00	338.40	1333112.19	1606726.94
557+00	0	190.97				
			0.00	368.31	1333112.19	1607095.25
557+50	0	206.81				
			0.00	389.39	1333112.19	1607484.64

558+00	0	213.73				
			0.00	401.99	1333112.19	1607886.63
558+50	0	220.42				
			0.00	414.31	1333112.19	1608300.94
559+00	0	227.04				
			0.00	428.27	1333112.19	1608729.21
559+50	0	235.49				
			0.00	448.14	1333112.19	1609177.35
560+00	0	248.5				
			0.00	471.96	1333112.19	1609649.31
560+50	0	261.22				
			0.00	499.97	1333112.19	1610149.29
561+00	0	278.75				
			0.00	523.91	1333112.19	1610673.19
561+50	0	287.07				
			0.00	544.91	1333112.19	1611218.10
562+00	0	301.43				
			0.00	567.11	1333112.19	1611785.21
562+50	0	311.05				
			0.00	586.11	1333112.19	1612371.32
563+00	0	321.95				
			0.00	608.82	1333112.19	1612980.15
563+50	0	335.58				
			0.00	630.46	1333112.19	1613610.61
564+00	0	345.32				
			0.00	649.90	1333112.19	1614260.51
564+50	0	356.57				
			0.00	674.31	1333112.19	1614934.82
565+00	0	371.69				
			0.00	686.43	1333112.19	1615621.25
565+50	0	369.65				
			0.00	693.07	1333112.19	1616314.32
566+00	0	378.87				
			0.00	711.44	1333112.19	1617025.76
566+50	0	389.48				
			0.00	733.55	1333112.19	1617759.31
567+00	0	402.75				
			0.00	753.77	1333112.19	1618513.07
567+50	0	411.32				
			0.00	769.87	1333112.19	1619282.94
568+00	0	420.14				
			0.00	787.16	1333112.19	1620070.10
568+50	0	429.99				
			0.00	802.91	1333112.19	1620873.01
569+00	0	437.15				
			0.00	815.98	1333112.19	1621688.99
569+50	0	444.11				
			0.00	835.19	1333112.19	1622524.18
570+00	0	457.89				
			0.00	864.62	1333112.19	1623388.80
570+50	0	475.9				
			0.00	898.62	1333112.19	1624287.42

571+00	0	494.61				
			0.00	933.19	1333112.19	1625220.60
571+50	0	513.23				
			0.00	967.05	1333112.19	1626187.65
572+00	0	531.18				
			0.00	986.30	1333112.19	1627173.94
572+50	0	534.02				
			0.00	994.08	1333112.19	1628168.03
573+00	0	539.59				
			0.00	1011.58	1333112.19	1629179.61
573+50	0	552.92				
			0.00	1025.25	1333112.19	1630204.86
574+00	0	554.35				
			0.00	1030.65	1333112.19	1631235.51
574+50	0	558.75				
			0.00	1037.94	1333112.19	1632273.45
575+00	0	562.23				
			0.00	1027.87	1333112.19	1633301.32
575+50	0	547.87				
			0.00	1015.67	1333112.19	1634316.99
576+00	0	549.05				
			0.00	1021.21	1333112.19	1635338.20
576+50	0	553.86				
			0.00	1038.31	1333112.19	1636376.51
577+00	0	567.51				
			0.00	1088.05	1333112.19	1637464.56
577+50	0	607.58				
			0.00	1082.91	1333112.19	1638547.46
578+00	0	561.96				
			0.00	972.83	1333112.19	1639520.30
578+50	0	488.7				
			0.00	841.20	1333112.19	1640361.50
579+00	0	419.8				
			0.00	721.07	1333112.19	1641082.57
579+50	0	358.96				
			0.00	615.16	1333112.19	1641697.73
580+00	0	305.41				
			0.00	530.19	1333112.19	1642227.92
580+50	0	267.19				
			0.00	479.76	1333112.19	1642707.68
581+00	0	250.95				
			0.00	455.22	1333112.19	1643162.90
581+50	0	240.69				
			0.00	436.33	1333112.19	1643599.23
582+00	0	230.55				
			0.00	417.72	1333112.19	1644016.95
582+50	0	220.59				
			0.00	399.43	1333112.19	1644416.38
583+00	0	210.79				
			0.00	381.43	1333112.19	1644797.81
583+50	0	201.15				
			0.00	363.71	1333112.19	1645161.52

584+00	0	191.66				
			0.00	346.30	1333112.19	1645507.81
584+50	0	182.34				
			0.00	329.18	1333112.19	1645836.99
585+00	0	173.17				
			0.00	312.38	1333112.19	1646149.37
585+50	0	164.2				
			0.00	295.87	1333112.19	1646445.24
586+00	0	155.34				
			0.00	279.63	1333112.19	1646724.87
586+50	0	146.66				
			0.00	263.67	1333112.19	1646988.54
587+00	0	138.1				
			0.00	248.08	1333112.19	1647236.62
587+50	0	129.83				
			0.00	232.78	1333112.19	1647469.40
588+00	0	121.57				
			0.00	217.68	1333112.19	1647687.07
588+50	0	113.52				
			0.00	202.94	1333112.19	1647890.02
589+00	0	105.66				
			0.00	188.52	1333112.19	1648078.54
589+50	0	97.94				
			0.00	174.37	1333112.19	1648252.91
590+00	0	90.38				
			0.00	160.52	1333112.19	1648413.43
590+50	0	82.98				
			0.00	146.95	1333112.19	1648560.38
591+00	0	75.73				
			0.00	133.69	1333112.19	1648694.06
591+50	0	68.65				
			0.00	120.72	1333112.19	1648814.79
592+00	0	61.73				
			0.00	108.06	1333112.19	1648922.84
592+50	0	54.97				
			0.00	95.69	1333112.19	1649018.53
593+00	0	48.37				
			0.00	83.61	1333112.19	1649102.14
593+50	0	41.93				
			0.00	31.84	1333112.19	1649133.98
593+91.01	0	0				

SGR's Modified Medina Dam Route Floodplain

MODIFIED MEDINA DAM - FLOODPLAIN AREAS						
	CUTA	FILLA	CUTV	FILLV	CUMCUTV	CUMFILLV
			0.00	0.00	0.00	0.00
406+50	0	4846.99	0.00	9037.96	0.00	9037.96
407+00	0	4914.01	0.00	9169.83	0.00	18207.80
407+50	0	4989.41	0.00	9309.32	0.00	27517.12
408+00	0	5064.66	0.00	9443.79	0.00	36960.91
408+50	0	5134.63	0.00	9566.76	0.00	46527.67
409+00	0	5197.47	0.00	9673.82	0.00	56201.49
409+50	0	5250.26	0.00	9762.53	0.00	65964.02
410+00	0	5293.27	0.00	9835.31	0.00	75799.32
410+50	0	5328.86	0.00	9898.25	0.00	85697.57
411+00	0	5361.25	0.00	9956.52	0.00	95654.09
411+50	0	5391.79	0.00	10014.05	0.00	105668.14
412+00	0	5423.38	0.00	10074.02	0.00	115742.16
412+50	0	5456.56	0.00	10136.92	0.00	125879.07
413+00	0	5491.31	0.00	10202.73	0.00	136081.81
413+50	0	5527.64	0.00	10269.04	0.00	146350.84
414+00	0	5562.92	0.00	10329.01	0.00	156679.85
414+50	0	5592.41	0.00	10374.70	0.00	167054.56
415+00	0	5612.27	0.00	10401.23	0.00	177455.79
415+50	0	5621.06	0.00	10412.69	0.00	187868.47
416+00	0	5624.64	0.00	10418.52	0.00	198286.99
416+50	0	5627.36	0.00	10423.55	0.00	208710.54
417+00	0	5630.07	0.00	10428.57	0.00	219139.11
417+50	0	5632.79	0.00	10433.58	0.00	229572.69
418+00	0	5635.48				

			0.00	10437.06	0.00	240009.76
418+50	0	5636.55				
			0.00	10434.53	0.00	250444.29
419+00	0	5632.74				
			0.00	10426.27	0.00	260870.56
419+50	0	5627.63				
			0.00	10415.14	0.00	271285.69
420+00	0	5620.72				
			0.00	10388.40	0.00	281674.09
420+50	0	5598.75				
			0.00	10329.69	0.00	292003.79
421+00	0	5557.32				
			0.00	10248.44	0.00	302252.22
421+50	0	5510.99				
			0.00	10162.96	0.00	312415.19
422+00	0	5465.01				
			0.00	10077.99	0.00	322493.18
422+50	0	5419.22				
			0.00	9993.22	0.00	332486.40
423+00	0	5373.46				
			0.00	9908.72	0.00	342395.12
423+50	0	5327.96				
			0.00	9824.65	0.00	352219.77
424+00	0	5282.66				
			0.00	9740.94	0.00	361960.70
424+50	0	5237.55				
			0.00	9657.56	0.00	371618.27
425+00	0	5192.62				
			0.00	9574.53	0.00	381192.80
425+50	0	5147.87				
			0.00	9491.88	0.00	390684.68
426+00	0	5103.36				
			0.00	0.00	0.00	0.00
444+00	0	3366.46				
			0.00	6227.21	0.00	6227.21
444+50	0	3358.93				
			0.00	6213.27	0.00	12440.48
445+00	0	3351.4				
			0.00	6199.33	0.00	18639.81
445+50	0	3343.88				
			0.00	6185.41	0.00	24825.22
446+00	0	3336.36				
			0.00	6171.49	0.00	30996.71
446+50	0	3328.85				
			0.00	6157.59	0.00	37154.31
447+00	0	3321.35				
			0.00	6143.66	0.00	43297.96
447+50	0	3313.8				
			0.00	6125.69	0.00	49423.66

448+00	0	3301.95				
			0.00	6098.80	0.00	55522.45
448+50	0	3284.75				
			0.00	6060.19	0.00	61582.65
449+00	0	3260.26				
			0.00	6004.58	0.00	67587.23
449+50	0	3224.69				
			0.00	5938.87	0.00	73526.10
450+00	0	3189.29				
			0.00	5873.49	0.00	79399.59
450+50	0	3154.08				
			0.00	5808.46	0.00	85208.06
451+00	0	3119.06				
			0.00	5743.79	0.00	90951.84
451+50	0	3084.23				
			0.00	5679.41	0.00	96631.25
452+00	0	3049.53				
			0.00	5615.51	0.00	102246.76
452+50	0	3015.22				
			0.00	5551.94	0.00	107798.70
453+00	0	2980.88				
			0.00	5488.60	0.00	113287.31
453+50	0	2946.81				
			0.00	5425.69	0.00	118712.99
454+00	0	2912.93				
			0.00	5363.12	0.00	124076.11
454+50	0	2879.24				
			0.00	5300.91	0.00	129377.02
455+00	0	2845.74				
			0.00	5219.45	0.00	134596.47
455+50	0	2791.27				
			0.00	5064.19	0.00	139660.67
456+00	0	2678.06				
			0.00	4856.58	0.00	144517.25
456+50	0	2567.05				
			0.00	4653.10	0.00	149170.35
457+00	0	2458.3				
			0.00	4453.83	0.00	153624.19
457+50	0	2351.84				
			0.00	4258.79	0.00	157882.97
458+00	0	2247.65				
			0.00	4067.95	0.00	161950.93
458+50	0	2145.74				
			0.00	3881.29	0.00	165832.21
459+00	0	2046.05				
			0.00	0.00	0.00	0.00
567+50	0	411.32				
			0.00	769.87	0.00	769.87
568+00	0	420.14				

			0.00	787.16	0.00	1557.03
568+50	0	429.99				
			0.00	802.91	0.00	2359.94
569+00	0	437.15				
			0.00	815.98	0.00	3175.92
569+50	0	444.11				
			0.00	835.19	0.00	4011.10
570+00	0	457.89				
			0.00	864.62	0.00	4875.72
570+50	0	475.9				
			0.00	898.62	0.00	5774.34
571+00	0	494.61				
			0.00	933.19	0.00	6707.53
571+50	0	513.23				
			0.00	967.05	0.00	7674.57
572+00	0	531.18				
			0.00	986.30	0.00	8660.87
572+50	0	534.02				
			0.00	994.08	0.00	9654.95
573+00	0	539.59				
			0.00	1011.58	0.00	10666.54
573+50	0	552.92				
			0.00	1025.25	0.00	11691.79
574+00	0	554.35				
			0.00	1030.65	0.00	12722.44
574+50	0	558.75				
			0.00	1037.94	0.00	13760.38
575+00	0	562.23				
			0.00	1027.87	0.00	14788.25
575+50	0	547.87				
			0.00	1015.67	0.00	15803.92
576+00	0	549.05				
			0.00	1021.21	0.00	16825.13
576+50	0	553.86				
			0.00	1038.31	0.00	17863.44
577+00	0	567.51				
			0.00	1088.05	0.00	18951.48
577+50	0	607.58				
			0.00	1082.91	0.00	20034.39
578+00	0	561.96				
			0.00	972.83	0.00	21007.22
578+50	0	488.7				
			0.00	841.20	0.00	21848.43
579+00	0	419.8				
			0.00	721.07	0.00	22569.50
579+50	0	358.96				
			0.00	615.16	0.00	23184.66
580+00	0	305.41				
			0.00	530.19	0.00	23714.84
580+50	0	267.19				
			0.00	479.76	0.00	24194.60
581+00	0	250.95				

			0.00	455.22	0.00	24649.82
581+50	0	240.69				
			0.00	436.33	0.00	25086.16
582+00	0	230.55				
			0.00	417.72	0.00	25503.88
582+50	0	220.59				
			0.00	399.43	0.00	25903.31
583+00	0	210.79				
			0.00	381.43	0.00	26284.73
583+50	0	201.15				
			0.00	363.71	0.00	26648.44
584+00	0	191.66				
			0.00	346.30	0.00	26994.74
584+50	0	182.34				
			0.00	329.18	0.00	27323.92
585+00	0	173.17				
			0.00	312.38	0.00	27636.30
585+50	0	164.2				
			0.00	295.87	0.00	27932.17
586+00	0	155.34				
			0.00	279.63	0.00	28211.80
586+50	0	146.66				
			0.00	263.67	0.00	28475.46
587+00	0	138.1				
			0.00	248.08	0.00	28723.55
587+50	0	129.83				
			0.00	232.78	0.00	28956.32
588+00	0	121.57				
			0.00	217.68	0.00	29174.00
588+50	0	113.52				
			0.00	202.94	0.00	29376.94
589+00	0	105.66				
			0.00	188.52	0.00	29565.46
589+50	0	97.94				
			0.00	174.37	0.00	29739.83
590+00	0	90.38				
			0.00	160.52	0.00	29900.35
590+50	0	82.98				
			0.00	146.95	0.00	30047.31
591+00	0	75.73				
			0.00	133.69	0.00	30180.99
591+50	0	68.65				
			0.00	120.72	0.00	30301.71
592+00	0	61.73				
			0.00	108.06	0.00	30409.77
592+50	0	54.97				
			0.00	95.69	0.00	30505.45
593+00	0	48.37				
			0.00	83.61	0.00	30589.06
593+50	0	41.93				
			0.00	31.84	0.00	30620.91
593+91.01	0	0				

					0.00	587137.80

Proposed Route Earthwork

PROPOSED - EARTHWORK						
	CUTA	FILLA	CUTV	FILLV	CUMCUTV	CUMFILLV
0+00	0	0				
			1.82	1.16	1.82	1.16
0+50	1.97	1.25				
			33.35	1.16	35.18	2.31
1+00	34.05	0				
			130.54	0.00	165.71	2.31
1+50	106.93	0				
			225.77	0.00	391.48	2.31
2+00	136.9	0				
			240.85	0.00	632.33	2.31
2+50	123.22	0				
			164.72	0.00	797.06	2.31
3+00	54.68	0				
			105.25	0.00	902.31	2.31
3+50	58.99	0				
			118.72	0.00	1021.03	2.31
4+00	69.23	0				
			123.43	0.00	1144.45	2.31
4+50	64.07	0				
			121.00	0.00	1265.45	2.31
5+00	66.61	0				
			130.98	0.00	1396.44	2.31
5+50	74.85	0				
			125.35	0.00	1521.79	2.31
6+00	60.53	0				
			90.73	0.00	1612.52	2.31
6+50	37.46	0				
			72.74	0.00	1685.26	2.31
7+00	41.1	0				
			130.92	0.00	1816.18	2.31
7+50	100.29	0				
			253.82	0.00	2070.00	2.31
8+00	173.84	0				
			353.50	0.00	2423.50	2.31
8+50	207.94	0				
			400.56	0.00	2824.06	2.31
9+00	224.67	0				
			447.33	0.00	3271.40	2.31
9+50	258.45	0				
			514.91	0.00	3786.31	2.31
10+00	297.65	0				
			584.79	0.00	4371.09	2.31
10+50	333.92	0				
			658.12	0.00	5029.21	2.31
11+00	376.85	0				
			737.43	0.00	5766.64	2.31
11+50	419.57	0				
			807.36	0.00	6574.00	2.31

12+00	452.38	0				
			849.06	0.00	7423.06	2.31
12+50	464.6	0				
			888.77	0.00	8311.82	2.31
13+00	495.27	0				
			1012.15	0.00	9323.97	2.31
13+50	597.85	0				
			1210.34	0.00	10534.31	2.31
14+00	709.32	0				
			1410.28	0.00	11944.59	2.31
14+50	813.78	0				
			1615.81	0.00	13560.40	2.31
15+00	931.29	0				
			1818.41	0.00	15378.81	2.31
15+50	1032.59	0				
			2011.39	0.00	17390.19	2.31
16+00	1139.71	0				
			2177.79	0.00	19567.98	2.31
16+50	1212.3	0				
			2322.69	0.00	21890.68	2.31
17+00	1296.21	0				
			2413.26	0.00	24303.94	2.31
17+50	1310.11	0				
			2427.29	0.00	26731.22	2.31
18+00	1311.36	0				
			2452.05	0.00	29183.27	2.31
18+50	1336.85	0				
			2491.95	0.00	31675.22	2.31
19+00	1354.46	0				
			2410.16	0.00	34085.38	2.31
19+50	1248.51	0				
			2196.55	0.00	36281.93	2.31
20+00	1123.76	0				
			1882.30	0.00	38164.22	2.31
20+50	909.12	0				
			1495.67	0.00	39659.89	2.31
21+00	706.2	0				
			1125.47	0.00	40785.36	2.31
21+50	509.31	0				
			793.52	0.00	41578.88	2.31
22+00	347.69	0				
			503.73	0.00	42082.61	2.31
22+50	196.34	0				
			253.17	0.00	42335.78	2.31
23+00	77.08	0				
			72.04	9.07	42407.81	11.39
23+50	0.72	9.8				
			0.67	90.46	42408.48	101.85
24+00	0	87.9				
			0.00	157.41	42408.48	259.26
24+50	0	82.1				
			0.00	126.89	42408.48	386.15

25+00	0	54.94				
			40.33	50.87	42448.81	437.02
25+50	43.56	0				
			195.90	0.00	42644.71	437.02
26+00	168.01	0				
			499.34	0.00	43144.06	437.02
26+50	371.28	0				
			934.12	0.00	44078.18	437.02
27+00	637.57	0				
			1394.80	0.00	45472.97	437.02
27+50	868.81	0				
			1772.57	0.00	47245.55	437.02
28+00	1045.57	0				
			1798.80	0.00	49044.34	437.02
28+50	897.13	0				
			1465.05	0.00	50509.39	437.02
29+00	685.12	0				
			1045.53	0.00	51554.92	437.02
29+50	444.05	0				
			649.17	0.00	52204.08	437.02
30+00	257.05	0				
			361.37	0.00	52565.45	437.02
30+50	133.23	0				
			159.83	0.00	52725.29	437.02
31+00	39.39	0				
			36.47	35.53	52761.76	472.55
31+50	0	38.37				
			0.00	165.94	52761.76	638.49
32+00	0	140.85				
			0.00	379.01	52761.76	1017.50
32+50	0	268.48				
			0.00	627.06	52761.76	1644.56
33+00	0	408.75				
			0.00	924.09	52761.76	2568.66
33+50	0	589.27				
			0.00	1281.00	52761.76	3849.66
34+00	0	794.21				
			0.00	1638.68	52761.76	5488.33
34+50	0	975.56				
			0.00	1918.31	52761.76	7406.65
35+00	0	1096.22				
			0.00	1981.44	52761.76	9388.08
35+50	0	1043.73				
			0.00	1805.94	52761.76	11194.03
36+00	0	906.69				
			0.00	1587.64	52761.76	12781.67
36+50	0	807.96				
			0.00	1398.67	52761.76	14180.33
37+00	0	702.6				
			0.00	1200.17	52761.76	15380.50
37+50	0	593.58				
			0.00	1018.31	52761.76	16398.81

38+00	0	506.2				
			0.00	866.09	52761.76	17264.91
38+50	0	429.18				
			0.00	736.88	52761.76	18001.79
39+00	0	366.65				
			0.00	634.89	52761.76	18636.68
39+50	0	319.03				
			0.00	554.43	52761.76	19191.10
40+00	0	279.75				
			0.00	483.67	52761.76	19674.77
40+50	0	242.61				
			0.00	432.49	52761.76	20107.26
41+00	0	224.48				
			0.00	419.87	52761.76	20527.13
41+50	0	228.98				
			0.00	428.68	52761.76	20955.81
42+00	0	233.99				
			0.00	425.12	52761.76	21380.93
42+50	0	225.14				
			0.00	403.53	52761.76	21784.45
43+00	0	210.67				
			0.00	387.51	52761.76	22171.96
43+50	0	207.84				
			0.00	386.28	52761.76	22558.24
44+00	0	209.34				
			0.00	385.34	52761.76	22943.58
44+50	0	206.83				
			0.00	379.40	52761.76	23322.98
45+00	0	202.92				
			0.00	373.92	52761.76	23696.90
45+50	0	200.91				
			0.00	379.79	52761.76	24076.69
46+00	0	209.26				
			0.00	404.40	52761.76	24481.08
46+50	0	227.49				
			0.00	430.33	52761.76	24911.42
47+00	0	237.27				
			0.00	414.92	52761.76	25326.33
47+50	0	210.84				
			0.00	360.20	52761.76	25686.54
48+00	0	178.18				
			0.00	307.09	52761.76	25993.63
48+50	0	153.48				
			0.00	277.31	52761.76	26270.94
49+00	0	146.02				
			0.00	294.07	52761.76	26565.02
49+50	0	171.58				
			0.00	366.57	52761.76	26931.59
50+00	0	224.32				
			0.00	388.05	52761.76	27319.64
50+50	0	194.77				
			0.00	317.31	52761.76	27636.94

51+00	0	147.92				
			0.00	267.63	52761.76	27904.57
51+50	0	141.12				
			0.00	262.29	52761.76	28166.86
52+00	0	142.15				
			0.00	264.71	52761.76	28431.57
52+50	0	143.74				
			0.00	258.12	52761.76	28689.69
53+00	0	135.03				
			0.00	233.31	52761.76	28923.01
53+50	0	116.95				
			0.00	210.27	52761.76	29133.28
54+00	0	110.14				
			0.00	210.38	52761.76	29343.66
54+50	0	117.07				
			0.00	224.05	52761.76	29567.70
55+00	0	124.9				
			0.00	238.81	52761.76	29806.51
55+50	0	133.01				
			0.00	249.94	52761.76	30056.44
56+00	0	136.92				
			0.00	252.13	52761.76	30308.57
56+50	0	135.38				
			0.00	251.98	52761.76	30560.56
57+00	0	136.76				
			0.00	227.16	52761.76	30787.71
57+50	0	108.57				
			0.00	166.57	52761.76	30954.29
58+00	0	71.33				
			0.00	108.49	52761.76	31062.78
58+50	0	45.84				
			0.00	66.55	52761.76	31129.32
59+00	0	26.03				
			0.00	31.36	52761.76	31160.69
59+50	0	7.84				
			7.77	7.26	52769.53	31167.94
60+00	8.39	0				
			30.31	0.00	52799.83	31167.94
60+50	24.34	0				
			60.59	0.00	52860.43	31167.94
61+00	41.1	0				
			86.07	0.00	52946.50	31167.94
61+50	51.86	0				
			98.81	0.00	53045.31	31167.94
62+00	54.86	0				
			100.57	0.00	53145.89	31167.94
62+50	53.76	0				
			98.15	0.00	53244.04	31167.94
63+00	52.24	0				
			95.34	0.00	53339.38	31167.94
63+50	50.73	0				
			92.56	0.00	53431.94	31167.94

64+00	49.23	0				
			90.41	0.00	53522.34	31167.94
64+50	48.41	0				
			86.01	0.00	53608.35	31167.94
65+00	44.48	0				
			77.31	0.00	53685.67	31167.94
65+50	39.02	0				
			67.90	0.00	53753.56	31167.94
66+00	34.31	0				
			59.28	0.00	53812.84	31167.94
66+50	29.71	0				
			50.72	0.00	53863.56	31167.94
67+00	25.07	0				
			42.20	0.00	53905.77	31167.94
67+50	20.51	0				
			36.71	0.00	53942.48	31167.94
68+00	19.14	0				
			34.44	0.00	53976.92	31167.94
68+50	18.05	0				
			30.97	0.00	54007.89	31167.94
69+00	15.4	0				
			29.00	0.00	54036.89	31167.94
69+50	15.92	0				
			34.82	0.00	54071.71	31167.94
70+00	21.69	0				
			39.77	0.00	54111.48	31167.94
70+50	21.26	0				
			31.62	0.00	54143.10	31167.94
71+00	12.89	0				
			18.17	0.00	54161.27	31167.94
71+50	6.73	0				
			8.47	0.46	54169.74	31168.41
72+00	2.42	0.5				
			3.37	1.69	54173.11	31170.10
72+50	1.22	1.33				
			3.11	1.44	54176.22	31171.55
73+00	2.14	0.23				
			1.98	4.57	54178.20	31176.12
73+50	0	4.71				
			0.00	25.31	54178.20	31201.44
74+00	0	22.63				
			0.00	63.27	54178.20	31264.70
74+50	0	45.7				
			0.00	109.61	54178.20	31374.31
75+00	0	72.68				
			0.00	150.55	54178.20	31524.86
75+50	0	89.91				
			0.00	174.87	54178.20	31699.73
76+00	0	98.95				
			0.00	190.48	54178.20	31890.21
76+50	0	106.77				
			0.00	203.24	54178.20	32093.45

77+00	0	112.73				
			0.00	206.23	54178.20	32299.69
77+50	0	110				
			0.00	195.53	54178.20	32495.21
78+00	0	101.17				
			0.00	186.84	54178.20	32682.06
78+50	0	100.62				
			0.00	188.88	54178.20	32870.94
79+00	0	103.37				
			0.00	192.83	54178.20	33063.77
79+50	0	104.89				
			0.00	194.09	54178.20	33257.86
80+00	0	104.73				
			0.00	189.28	54178.20	33447.14
80+50	0	99.69				
			0.00	179.88	54178.20	33627.02
81+00	0	94.58				
			0.00	172.69	54178.20	33799.70
81+50	0	91.92				
			0.00	170.24	54178.20	33969.94
82+00	0	91.94				
			0.00	166.41	54178.20	34136.35
82+50	0	87.78				
			0.00	153.94	54178.20	34290.30
83+00	0	78.48				
			0.00	133.47	54178.20	34423.77
83+50	0	65.67				
			0.00	101.29	54178.20	34525.06
84+00	0	43.72				
			0.00	68.04	54178.20	34593.09
84+50	0	29.76				
			0.00	50.39	54178.20	34643.48
85+00	0	24.66				
			0.44	32.43	54178.64	34675.91
85+50	0.47	10.36				
			14.54	9.59	54193.18	34685.50
86+00	15.23	0				
			52.47	0.00	54245.65	34685.50
86+50	41.44	0				
			107.17	0.00	54352.81	34685.50
87+00	74.3	0				
			187.36	0.00	54540.18	34685.50
87+50	128.05	0				
			288.68	0.00	54828.85	34685.50
88+00	183.72	0				
			377.64	0.00	55206.49	34685.50
88+50	224.13	0				
			444.00	0.00	55650.49	34685.50
89+00	255.39	0				
			491.40	0.00	56141.89	34685.50
89+50	275.32	0				
			516.43	0.00	56658.31	34685.50

90+00	282.42	0				
			511.83	0.00	57170.15	34685.50
90+50	270.36	0				
			607.94	0.00	57778.08	34685.50
91+00	386.21	0				
			776.24	0.00	58554.32	34685.50
91+50	452.13	0				
			855.01	0.00	59409.33	34685.50
92+00	471.28	0				
			907.47	0.00	60316.81	34685.50
92+50	508.79	0				
			966.60	0.00	61283.41	34685.50
93+00	535.14	0				
			1012.01	0.00	62295.42	34685.50
93+50	557.83	0				
			1047.72	0.00	63343.14	34685.50
94+00	573.71	0				
			1096.60	0.00	64439.74	34685.50
94+50	610.62	0				
			1132.90	0.00	65572.64	34685.50
95+00	612.91	0				
			1116.66	0.00	66689.30	34685.50
95+50	593.08	0				
			993.48	0.00	67682.78	34685.50
96+00	479.88	0				
			739.01	0.00	68421.79	34685.50
96+50	318.25	0				
			457.26	0.00	68879.05	34685.50
97+00	175.59	0				
			216.31	0.00	69095.35	34685.50
97+50	58.02	0				
			53.72	24.69	69149.07	34710.19
98+00	0	26.66				
			0.00	118.74	69149.07	34828.93
98+50	0	101.58				
			0.00	236.86	69149.07	35065.79
99+00	0	154.23				
			0.00	307.54	69149.07	35373.32
99+50	0	177.91				
			0.00	333.55	69149.07	35706.87
100+00	0	182.32				
			0.00	330.36	69149.07	36037.23
100+50	0	174.47				
			0.00	307.27	69149.07	36344.50
101+00	0	157.38				
			0.00	270.99	69149.07	36615.49
101+50	0	135.29				
			0.00	226.10	69149.07	36841.59
102+00	0	108.9				
			0.00	173.01	69149.07	37014.60
102+50	0	77.95				
			0.00	124.30	69149.07	37138.90

103+00	0	56.29				
			0.00	86.72	69149.07	37225.62
103+50	0	37.37				
			0.94	57.66	69150.01	37283.28
104+00	1.01	24.9				
			3.77	40.30	69153.78	37323.57
104+50	3.06	18.62				
			4.94	36.71	69158.72	37360.29
105+00	2.28	21.03				
			2.11	59.10	69160.83	37419.39
105+50	0	42.8				
			0.00	119.14	69160.83	37538.53
106+00	0	85.87				
			0.00	220.54	69160.83	37759.06
106+50	0	152.31				
			0.00	352.64	69160.83	38111.70
107+00	0	228.54				
			0.00	493.39	69160.83	38605.09
107+50	0	304.32				
			0.00	606.82	69160.83	39211.92
108+00	0	351.05				
			0.00	675.50	69160.83	39887.42
108+50	0	378.49				
			0.00	719.34	69160.83	40606.76
109+00	0	398.4				
			0.00	768.73	69160.83	41375.49
109+50	0	431.83				
			0.00	854.08	69160.83	42229.57
110+00	0	490.58				
			0.00	973.45	69160.83	43203.03
110+50	0	560.75				
			0.00	1076.76	69160.83	44279.79
111+00	0	602.15				
			0.00	1154.86	69160.83	45434.65
111+50	0	645.1				
			0.00	1241.31	69160.83	46675.96
112+00	0	695.52				
			0.00	1341.66	69160.83	48017.62
112+50	0	753.47				
			0.00	1442.00	69160.83	49459.62
113+00	0	803.89				
			0.00	1507.65	69160.83	50967.27
113+50	0	824.37				
			0.00	1519.58	69160.83	52486.85
114+00	0	816.78				
			0.00	1484.95	69160.83	53971.81
114+50	0	786.97				
			0.00	1442.83	69160.83	55414.64
115+00	0	771.29				
			0.00	1450.90	69160.83	56865.54
115+50	0	795.68				
			0.00	1518.38	69160.83	58383.92

116+00	0	844.17				
			0.00	1609.71	69160.83	59993.63
116+50	0	894.32				
			0.00	1688.06	69160.83	61681.69
117+00	0	928.79				
			0.00	1701.03	69160.83	63382.72
117+50	0	908.32				
			0.00	1588.83	69160.83	64971.56
118+00	0	807.62				
			0.00	1370.70	69160.83	66342.26
118+50	0	672.74				
			0.00	1132.61	69160.83	67474.87
119+00	0	550.48				
			0.00	919.92	69160.83	68394.79
119+50	0	443.03				
			0.00	729.07	69160.83	69123.86
120+00	0	344.37				
			0.00	555.94	69160.83	69679.81
120+50	0	256.05				
			0.00	404.01	69160.83	70083.81
121+00	0	180.28				
			0.00	277.56	69160.83	70361.38
121+50	0	119.49				
			0.00	168.65	69160.83	70530.03
122+00	0	62.65				
			13.12	72.36	69173.95	70602.39
122+50	14.17	15.5				
			56.96	14.85	69230.92	70617.24
123+00	47.35	0.54				
			122.36	0.50	69353.28	70617.74
123+50	84.8	0				
			150.90	0.00	69504.18	70617.74
124+00	78.17	0				
			129.35	0.34	69633.53	70618.08
124+50	61.53	0.37				
			149.73	0.34	69783.26	70618.43
125+00	100.18	0				
			310.95	0.00	70094.21	70618.43
125+50	235.65	0				
			657.40	0.00	70751.61	70618.43
126+00	474.34	0				
			1201.82	0.00	71953.44	70618.43
126+50	823.63	0				
			1886.00	0.00	73839.44	70618.43
127+00	1213.25	0				
			2511.49	0.00	76350.93	70618.43
127+50	1499.16	0				
			2879.87	0.00	79230.80	70618.43
128+00	1611.1	0				
			2997.53	0.00	82228.32	70618.43
128+50	1626.23	0				
			2993.41	0.00	85221.73	70618.43

129+00	1606.65	0				
			3005.08	0.00	88226.81	70618.43
129+50	1638.84	0				
			3033.27	0.00	91260.08	70618.43
130+00	1637.09	0				
			2971.34	0.00	94231.43	70618.43
130+50	1571.96	0				
			2778.60	0.00	97010.03	70618.43
131+00	1428.93	0				
			2424.14	0.00	99434.17	70618.43
131+50	1189.14	0				
			1909.77	0.00	101343.94	70618.43
132+00	873.41	0				
			1348.87	0.00	102692.81	70618.43
132+50	583.37	0				
			861.77	0.00	103554.57	70618.43
133+00	347.34	0				
			483.57	0.00	104038.15	70618.43
133+50	174.92	0				
			238.09	0.00	104276.24	70618.43
134+00	82.22	0				
			150.98	0.00	104427.22	70618.43
134+50	80.84	0				
			211.22	0.00	104638.44	70618.43
135+00	147.28	0				
			400.68	0.00	105039.12	70618.43
135+50	285.45	0				
			677.62	0.00	105716.74	70618.43
136+00	446.38	0				
			953.27	0.00	106670.01	70618.43
136+50	583.15	0				
			1198.19	0.00	107868.20	70618.43
137+00	710.9	0				
			1445.45	0.00	109313.66	70618.43
137+50	850.19	0				
			1728.72	0.00	111042.38	70618.43
138+00	1016.83	0				
			2044.45	0.00	113086.83	70618.43
138+50	1191.18	0				
			2356.30	0.00	115443.13	70618.43
139+00	1353.62	0				
			2666.35	0.00	118109.48	70618.43
139+50	1526.04	0				
			2990.01	0.00	121099.49	70618.43
140+00	1703.17	0				
			3303.33	0.00	124402.82	70618.43
140+50	1864.43	0				
			3521.12	0.00	127923.94	70618.43
141+00	1938.38	0				
			3545.20	0.00	131469.15	70618.43
141+50	1890.44	0				
			3350.56	0.00	134819.71	70618.43

142+00	1728.17	0				
			2879.91	0.00	137699.62	70618.43
142+50	1382.13	0				
			2240.81	0.00	139940.44	70618.43
143+00	1037.95	0				
			1697.06	0.00	141637.50	70618.43
143+50	794.88	0				
			1297.46	0.00	142934.96	70618.43
144+00	606.38	0				
			974.88	0.00	143909.84	70618.43
144+50	446.49	0				
			667.46	0.00	144577.31	70618.43
145+00	274.37	0				
			328.23	0.00	144905.54	70618.43
145+50	80.12	0				
			74.19	36.27	144979.72	70654.69
146+00	0	39.17				
			0.00	123.35	144979.72	70778.05
146+50	0	94.05				
			0.00	161.51	144979.72	70939.56
147+00	0	80.38				
			0.00	105.94	144979.72	71045.49
147+50	0	34.03				
			17.68	31.51	144997.40	71077.00
148+00	19.09	0				
			80.79	0.00	145078.19	71077.00
148+50	68.16	0				
			168.44	0.00	145246.63	71077.00
149+00	113.76	0				
			227.81	0.00	145474.44	71077.00
149+50	132.27	0				
			240.44	0.00	145714.87	71077.00
150+00	127.4	0				
			217.52	0.00	145932.39	71077.00
150+50	107.52	0				
			177.26	0.00	146109.65	71077.00
151+00	83.92	0				
			130.25	0.00	146239.90	71077.00
151+50	56.75	0				
			62.03	0.00	146301.93	71077.00
152+00	10.24	0				
			9.48	65.39	146311.41	71142.39
152+50	0	70.62				
			0.00	234.80	146311.41	71377.19
153+00	0	182.96				
			0.00	453.58	146311.41	71830.77
153+50	0	306.91				
			0.00	695.19	146311.41	72525.96
154+00	0	443.9				
			0.00	982.69	146311.41	73508.66
154+50	0	617.41				
			0.00	1339.60	146311.41	74848.26

155+00	0	829.36				
			0.00	1649.69	146311.41	76497.94
155+50	0	952.3				
			0.00	1729.22	146311.41	78227.17
156+00	0	915.26				
			0.00	1652.46	146311.41	79879.63
156+50	0	869.4				
			0.00	1594.57	146311.41	81474.20
157+00	0	852.74				
			0.00	1581.54	146311.41	83055.74
157+50	0	855.32				
			0.00	1589.80	146311.41	84645.54
158+00	0	861.66				
			0.00	1592.56	146311.41	86238.09
158+50	0	858.3				
			0.00	1564.13	146311.41	87802.22
159+00	0	830.96				
			0.00	1552.42	146311.41	89354.64
159+50	0	845.65				
			0.00	1580.33	146311.41	90934.97
160+00	0	861.11				
			0.00	1543.75	146311.41	92478.72
160+50	0	806.14				
			0.00	1373.30	146311.41	93852.02
161+00	0	677.02				
			0.00	1140.74	146311.41	94992.76
161+50	0	554.98				
			0.00	923.41	146311.41	95916.17
162+00	0	442.3				
			0.00	713.74	146311.41	96629.91
162+50	0	328.54				
			0.00	510.69	146311.41	97140.59
163+00	0	223				
			0.00	320.81	146311.41	97461.41
163+50	0	123.48				
			0.00	125.00	146311.41	97586.41
164+00	0	11.52				
			92.17	10.67	146403.57	97597.07
164+50	99.54	0				
			310.57	0.00	146714.15	97597.07
165+00	235.88	0				
			562.94	0.00	147277.08	97597.07
165+50	372.09	0				
			830.39	0.00	148107.47	97597.07
166+00	524.73	0				
			1162.62	0.00	149270.09	97597.07
166+50	730.9	0				
			1626.86	0.00	150896.95	97597.07
167+00	1026.11	0				
			2354.11	0.00	153251.06	97597.07
167+50	1516.33	0				
			3377.84	0.00	156628.91	97597.07

168+00	2131.74	0				
			4580.08	0.00	161208.99	97597.07
168+50	2814.75	0				
			5786.64	0.00	166995.63	97597.07
169+00	3434.82	0				
			6466.88	0.00	173462.51	97597.07
169+50	3549.41	0				
			6485.59	0.00	179948.10	97597.07
170+00	3455.03	0				
			6228.48	0.00	186176.58	97597.07
170+50	3271.73	0				
			5849.23	0.00	192025.81	97597.07
171+00	3045.44	0				
			5429.54	0.00	197455.35	97597.07
171+50	2818.46	0				
			5017.30	0.00	202472.65	97597.07
172+00	2600.22	0				
			4624.30	0.00	207096.94	97597.07
172+50	2394.02	0				
			4250.91	0.00	211347.85	97597.07
173+00	2196.96	0				
			3878.09	0.00	215225.94	97597.07
173+50	1991.38	0				
			3491.94	0.00	218717.89	97597.07
174+00	1779.92	0				
			3111.03	0.00	221828.92	97597.07
174+50	1579.99	0				
			2776.08	0.00	224605.00	97597.07
175+00	1418.18	0				
			2521.62	0.00	227126.62	97597.07
175+50	1305.17	0				
			2366.79	0.00	229493.41	97597.07
176+00	1250.96	0				
			2282.31	0.00	231775.71	97597.07
176+50	1213.93	0				
			2218.94	0.00	233994.66	97597.07
177+00	1182.53	0				
			2161.59	0.00	236156.25	97597.07
177+50	1151.99	0				
			2106.35	0.00	238262.60	97597.07
178+00	1122.87	0				
			2052.01	0.00	240314.61	97597.07
178+50	1093.3	0				
			1990.70	0.00	242305.31	97597.07
179+00	1056.66	0				
			1918.36	0.00	244223.68	97597.07
179+50	1015.17	0				
			1844.32	0.00	246068.00	97597.07
180+00	976.7	0				
			1778.03	0.00	247846.03	97597.07
180+50	943.57	0				
			1718.56	0.00	249564.58	97597.07

181+00	912.47	0				
			1667.18	0.00	251231.76	97597.07
181+50	888.08	0				
			1627.71	0.00	252859.47	97597.07
182+00	869.85	0				
			1596.85	0.00	254456.32	97597.07
182+50	854.75	0				
			1570.78	0.00	256027.10	97597.07
183+00	841.69	0				
			1548.21	0.00	257575.31	97597.07
183+50	830.38	0				
			1528.49	0.00	259103.81	97597.07
184+00	820.39	0				
			1508.57	0.00	260612.38	97597.07
184+50	808.87	0				
			1480.75	0.00	262093.13	97597.07
185+00	790.34	0				
			1438.13	0.00	263531.26	97597.07
185+50	762.84	0				
			1384.51	0.00	264915.77	97597.07
186+00	732.43	0				
			1327.35	0.00	266243.12	97597.07
186+50	701.11	0				
			1268.94	0.00	267512.06	97597.07
187+00	669.35	0				
			1208.94	0.00	268721.01	97597.07
187+50	636.31	0				
			1148.14	0.00	269869.15	97597.07
188+00	603.68	0				
			1083.88	0.00	270953.03	97597.07
188+50	566.91	0				
			1020.03	0.00	271973.06	97597.07
189+00	534.72	0				
			976.51	0.00	272949.56	97597.07
189+50	519.91	0				
			941.88	0.00	273891.44	97597.07
190+00	497.32	0				
			901.16	0.00	274792.60	97597.07
190+50	475.93	0				
			860.64	0.00	275653.24	97597.07
191+00	453.56	0				
			817.49	0.00	276470.73	97597.07
191+50	429.33	0				
			771.73	0.00	277242.46	97597.07
192+00	404.14	0				
			721.06	0.00	277963.53	97597.07
192+50	374.61	0				
			662.21	0.00	278625.74	97597.07
193+00	340.58	0				
			600.49	0.00	279226.23	97597.07
193+50	307.95	0				
			542.05	0.00	279768.28	97597.07

194+00	277.46	0				
			481.39	0.00	280249.67	97597.07
194+50	242.44	0				
			414.18	0.00	280663.84	97597.07
195+00	204.87	0				
			356.51	0.00	281020.35	97597.07
195+50	180.16	0				
			317.47	0.00	281337.82	97597.07
196+00	162.71	0				
			291.96	0.00	281629.79	97597.07
196+50	152.61	0				
			283.47	0.00	281913.26	97597.07
197+00	153.54	0				
			284.87	0.00	282198.13	97597.07
197+50	154.12	0				
			271.81	0.00	282469.94	97597.07
198+00	139.43	0				
			245.01	0.00	282714.94	97597.07
198+50	125.18	0				
			218.93	0.00	282933.87	97597.07
199+00	111.26	0				
			183.94	0.00	283117.81	97597.07
199+50	87.4	0				
			106.37	0.00	283224.19	97597.07
200+00	27.48	0				
			25.44	54.08	283249.63	97651.16
200+50	0	58.41				
			0.00	190.60	283249.63	97841.76
201+00	0	147.44				
			0.00	343.02	283249.63	98184.78
201+50	0	223.02				
			0.00	479.88	283249.63	98664.66
202+00	0	295.25				
			0.00	623.11	283249.63	99287.77
202+50	0	377.71				
			0.00	795.18	283249.63	100082.94
203+00	0	481.08				
			0.00	980.31	283249.63	101063.25
203+50	0	577.65				
			0.00	1150.08	283249.63	102213.33
204+00	0	664.44				
			0.00	1322.49	283249.63	103535.82
204+50	0	763.85				
			0.00	1474.07	283249.63	105009.90
205+00	0	828.15				
			0.00	1526.67	283249.63	106536.56
205+50	0	820.65				
			0.00	1429.04	283249.63	107965.60
206+00	0	722.71				
			0.00	1115.55	283249.63	109081.15
206+50	0	482.08				
			0.00	686.45	283249.63	109767.60

207+00	0	259.29				
			0.00	366.19	283249.63	110133.79
207+50	0	136.19				
			0.00	199.11	283249.63	110332.90
208+00	0	78.85				
			0.00	118.53	283249.63	110451.43
208+50	0	49.16				
			0.00	70.08	283249.63	110521.51
209+00	0	26.53				
			0.00	31.92	283249.63	110553.43
209+50	0	7.94				
			0.42	7.90	283250.05	110561.32
210+00	0.45	0.59				
			0.69	0.95	283250.74	110562.28
210+50	0.3	0.44				
			0.28	2.09	283251.02	110564.37
211+00	0	1.82				
			0.00	7.53	283251.02	110571.90
211+50	0	6.31				
			0.00	15.08	283251.02	110586.98
212+00	0	9.98				
			0.00	21.32	283251.02	110608.31
212+50	0	13.05				
			0.00	25.98	283251.02	110634.29
213+00	0	15.01				
			0.00	29.44	283251.02	110663.72
213+50	0	16.78				
			0.00	32.57	283251.02	110696.30
214+00	0	18.4				
			0.00	34.98	283251.02	110731.28
214+50	0	19.38				
			0.00	37.44	283251.02	110768.72
215+00	0	21.06				
			0.00	40.06	283251.02	110808.78
215+50	0	22.2				
			0.00	42.62	283251.02	110851.40
216+00	0	23.83				
			0.00	45.05	283251.02	110896.44
216+50	0	24.82				
			0.00	47.68	283251.02	110944.12
217+00	0	26.67				
			0.00	50.78	283251.02	110994.90
217+50	0	28.17				
			0.00	53.56	283251.02	111048.45
218+00	0	29.67				
			0.00	56.71	283251.02	111105.17
218+50	0	31.58				
			0.00	60.85	283251.02	111166.02
219+00	0	34.14				
			0.00	65.46	283251.02	111231.48
219+50	0	36.56				
			0.00	70.57	283251.02	111302.06

220+00	0	39.66				
			0.00	77.50	283251.02	111379.56
220+50	0	44.04				
			0.00	86.89	283251.02	111466.44
221+00	0	49.8				
			0.00	99.26	283251.02	111565.70
221+50	0	57.4				
			0.00	114.28	283251.02	111679.98
222+00	0	66.02				
			0.00	133.41	283251.02	111813.39
222+50	0	78.06				
			0.00	159.08	283251.02	111972.47
223+00	0	93.75				
			0.00	190.65	283251.02	112163.12
223+50	0	112.15				
			0.00	230.56	283251.02	112393.69
224+00	0	136.86				
			0.00	280.85	283251.02	112674.54
224+50	0	166.46				
			0.00	342.42	283251.02	113016.95
225+00	0	203.35				
			0.00	410.88	283251.02	113427.83
225+50	0	240.4				
			0.00	481.88	283251.02	113909.71
226+00	0	280.03				
			0.00	552.21	283251.02	114461.93
226+50	0	316.36				
			0.00	603.61	283251.02	115065.54
227+00	0	335.54				
			0.00	635.07	283251.02	115700.61
227+50	0	350.34				
			0.00	647.82	283251.02	116348.44
228+00	0	349.31				
			0.00	633.53	283251.02	116981.96
228+50	0	334.9				
			0.00	596.33	283251.02	117578.30
229+00	0	309.14				
			0.00	542.84	283251.02	118121.14
229+50	0	277.13				
			0.00	486.56	283251.02	118607.69
230+00	0	248.35				
			0.00	435.26	283251.02	119042.95
230+50	0	221.73				
			0.00	389.80	283251.02	119432.75
231+00	0	199.25				
			0.00	353.67	283251.02	119786.42
231+50	0	182.71				
			0.00	328.69	283251.02	120115.11
232+00	0	172.28				
			0.00	312.07	283251.02	120427.19
232+50	0	164.76				
			0.00	301.86	283251.02	120729.05

233+00	0	161.25				
			0.00	298.10	283251.02	121027.15
233+50	0	160.7				
			0.00	298.32	283251.02	121325.47
234+00	0	161.49				
			0.00	299.69	283251.02	121625.17
234+50	0	162.18				
			0.00	300.43	283251.02	121925.59
235+00	0	162.28				
			0.00	300.11	283251.02	122225.70
235+50	0	161.84				
			0.00	299.49	283251.02	122525.19
236+00	0	161.61				
			0.00	299.71	283251.02	122824.91
236+50	0	162.08				
			0.00	301.37	283251.02	123126.28
237+00	0	163.4				
			0.00	303.67	283251.02	123429.94
237+50	0	164.56				
			0.00	306.34	283251.02	123736.29
238+00	0	166.29				
			0.00	310.34	283251.02	124046.63
238+50	0	168.88				
			0.00	315.11	283251.02	124361.74
239+00	0	171.44				
			0.00	320.70	283251.02	124682.44
239+50	0	174.92				
			0.00	326.94	283251.02	125009.39
240+00	0	178.18				
			0.00	332.94	283251.02	125342.33
240+50	0	181.4				
			0.00	339.64	283251.02	125681.97
241+00	0	185.41				
			0.00	347.19	283251.02	126029.17
241+50	0	189.56				
			0.00	356.38	283251.02	126385.55
242+00	0	195.33				
			0.00	366.90	283251.02	126752.44
242+50	0	200.92				
			0.00	376.19	283251.02	127128.63
243+00	0	205.36				
			0.00	383.77	283251.02	127512.40
243+50	0	209.11				
			0.00	390.21	283251.02	127902.61
244+00	0	212.32				
			0.00	396.56	283251.02	128299.17
244+50	0	215.96				
			0.00	403.32	283251.02	128702.49
245+00	0	219.63				
			0.00	409.88	283251.02	129112.37
245+50	0	223.04				
			0.00	416.35	283251.02	129528.72

246+00	0	226.62				
			0.00	423.68	283251.02	129952.40
246+50	0	230.95				
			0.00	431.37	283251.02	130383.77
247+00	0	234.93				
			0.00	439.46	283251.02	130823.23
247+50	0	239.69				
			0.00	447.73	283251.02	131270.96
248+00	0	243.86				
			0.00	455.31	283251.02	131726.28
248+50	0	247.88				
			0.00	463.52	283251.02	132189.80
249+00	0	252.72				
			0.00	473.40	283251.02	132663.19
249+50	0	258.55				
			0.00	484.97	283251.02	133148.17
250+00	0	265.22				
			0.00	495.60	283251.02	133643.77
250+50	0	270.03				
			0.00	504.69	283251.02	134148.46
251+00	0	275.04				
			0.00	513.80	283251.02	134662.26
251+50	0	279.86				
			0.00	522.94	283251.02	135185.19
252+00	0	284.91				
			0.00	532.52	283251.02	135717.71
252+50	0	290.21				
			0.00	541.42	283251.02	136259.13
253+00	0	294.52				
			0.00	550.62	283251.02	136809.75
253+50	0	300.15				
			0.00	563.18	283251.02	137372.93
254+00	0	308.08				
			0.00	578.35	283251.02	137951.28
254+50	0	316.54				
			0.00	594.99	283251.02	138546.27
255+00	0	326.05				
			0.00	614.14	283251.02	139160.41
255+50	0	337.22				
			0.00	633.93	283251.02	139794.33
256+00	0	347.42				
			0.00	649.46	283251.02	140443.80
256+50	0	354				
			0.00	655.26	283251.02	141099.06
257+00	0	353.68				
			0.00	649.34	283251.02	141748.40
257+50	0	347.61				
			0.00	638.37	283251.02	142386.77
258+00	0	341.83				
			0.00	628.87	283251.02	143015.64
258+50	0	337.35				
			0.00	621.01	283251.02	143636.65

259+00	0	333.34				
			0.00	609.67	283251.02	144246.31
259+50	0	325.1				
			0.00	591.89	283251.02	144838.20
260+00	0	314.14				
			0.00	572.65	283251.02	145410.85
260+50	0	304.32				
			0.00	551.29	283251.02	145962.14
261+00	0	291.07				
			0.00	527.02	283251.02	146489.16
261+50	0	278.11				
			0.00	504.39	283251.02	146993.55
262+00	0	266.63				
			0.00	481.52	283251.02	147475.06
262+50	0	253.41				
			0.00	452.94	283251.02	147928.01
263+00	0	235.77				
			0.00	419.24	283251.02	148347.25
263+50	0	217.01				
			0.00	385.25	283251.02	148732.50
264+00	0	199.06				
			0.00	352.56	283251.02	149085.06
264+50	0	181.7				
			0.00	322.82	283251.02	149407.88
265+00	0	166.95				
			0.00	299.09	283251.02	149706.97
265+50	0	156.07				
			0.00	282.15	283251.02	149989.12
266+00	0	148.65				
			0.00	272.15	283251.02	150261.27
266+50	0	145.27				
			0.00	267.65	283251.02	150528.92
267+00	0	143.79				
			0.00	266.39	283251.02	150795.31
267+50	0	143.91				
			0.00	265.40	283251.02	151060.70
268+00	0	142.72				
			0.00	263.40	283251.02	151324.10
268+50	0	141.75				
			0.00	261.59	283251.02	151585.69
269+00	0	140.77				
			0.00	260.68	283251.02	151846.37
269+50	0	140.76				
			0.00	262.29	283251.02	152108.66
270+00	0	142.51				
			0.00	266.90	283251.02	152375.56
270+50	0	145.74				
			0.00	274.19	283251.02	152649.74
271+00	0	150.38				
			0.00	283.27	283251.02	152933.01
271+50	0	155.55				
			0.00	293.64	283251.02	153226.65

272+00	0	161.58				
			0.00	303.79	283251.02	153530.44
272+50	0	166.51				
			0.00	313.19	283251.02	153843.62
273+00	0	171.73				
			0.00	322.56	283251.02	154166.19
273+50	0	176.64				
			0.00	332.39	283251.02	154498.57
274+00	0	182.34				
			0.00	342.41	283251.02	154840.98
274+50	0	187.46				
			0.00	352.26	283251.02	155193.24
275+00	0	192.98				
			0.00	362.77	283251.02	155556.01
275+50	0	198.81				
			0.00	373.70	283251.02	155929.71
276+00	0	204.79				
			0.00	384.66	283251.02	156314.37
276+50	0	210.64				
			0.00	395.42	283251.02	156709.79
277+00	0	216.41				
			0.00	405.82	283251.02	157115.61
277+50	0	221.88				
			0.00	415.54	283251.02	157531.15
278+00	0	226.9				
			0.00	425.11	283251.02	157956.26
278+50	0	232.22				
			0.00	435.15	283251.02	158391.41
279+00	0	237.74				
			0.00	446.88	283251.02	158838.29
279+50	0	244.89				
			0.00	461.00	283251.02	159299.29
280+00	0	252.99				
			0.00	478.98	283251.02	159778.27
280+50	0	264.31				
			0.00	502.97	283251.02	160281.24
281+00	0	278.9				
			0.00	533.40	283251.02	160814.64
281+50	0	297.17				
			0.00	562.30	283251.02	161376.94
282+00	0	310.11				
			0.00	570.44	283251.02	161947.38
282+50	0	305.97				
			0.00	554.85	283251.02	162502.23
283+00	0	293.27				
			0.00	529.94	283251.02	163032.17
283+50	0	279.06				
			0.00	502.30	283251.02	163534.46
284+00	0	263.42				
			0.00	474.26	283251.02	164008.72
284+50	0	248.78				
			0.00	447.75	283251.02	164456.47

285+00	0	234.79				
			0.00	422.11	283251.02	164878.58
285+50	0	221.09				
			0.00	397.94	283251.02	165276.52
286+00	0	208.68				
			0.00	376.11	283251.02	165652.63
286+50	0	197.52				
			0.00	355.33	283251.02	166007.96
287+00	0	186.24				
			0.00	335.98	283251.02	166343.94
287+50	0	176.62				
			0.00	319.04	283251.02	166662.98
288+00	0	167.94				
			0.00	304.67	283251.02	166967.65
288+50	0	161.1				
			0.00	292.64	283251.02	167260.29
289+00	0	154.95				
			0.00	281.90	283251.02	167542.19
289+50	0	149.5				
			0.00	272.79	283251.02	167814.97
290+00	0	145.11				
			0.00	265.72	283251.02	168080.69
290+50	0	141.87				
			0.00	259.52	283251.02	168340.21
291+00	0	138.41				
			0.00	253.31	283251.02	168593.53
291+50	0	135.17				
			0.00	248.13	283251.02	168841.66
292+00	0	132.81				
			0.00	243.86	283251.02	169085.52
292+50	0	130.56				
			0.00	238.57	283251.02	169324.09
293+00	0	127.1				
			0.00	232.14	283251.02	169556.23
293+50	0	123.61				
			0.00	224.60	283251.02	169780.83
294+00	0	118.96				
			0.00	214.86	283251.02	169995.69
294+50	0	113.09				
			0.00	206.82	283251.02	170202.52
295+00	0	110.28				
			0.00	204.03	283251.02	170406.55
295+50	0	110.07				
			0.00	205.02	283251.02	170611.56
296+00	0	111.35				
			0.00	206.21	283251.02	170817.78
296+50	0	111.36				
			0.00	204.33	283251.02	171022.11
297+00	0	109.32				
			0.00	200.59	283251.02	171222.70
297+50	0	107.32				
			0.00	197.11	283251.02	171419.81

298+00	0	105.56				
			0.00	193.30	283251.02	171613.11
298+50	0	103.2				
			0.00	188.47	283251.02	171801.58
299+00	0	100.35				
			0.00	182.64	283251.02	171984.22
299+50	0	96.9				
			0.00	175.27	283251.02	172159.49
300+00	0	92.39				
			0.00	167.08	283251.02	172326.57
300+50	0	88.06				
			0.00	158.85	283251.02	172485.43
301+00	0	83.5				
			0.00	150.98	283251.02	172636.41
301+50	0	79.56				
			0.00	143.88	283251.02	172780.29
302+00	0	75.83				
			0.00	136.85	283251.02	172917.14
302+50	0	71.97				
			0.00	130.02	283251.02	173047.16
303+00	0	68.45				
			0.00	123.57	283251.02	173170.73
303+50	0	65.01				
			0.00	117.24	283251.02	173287.97
304+00	0	61.61				
			0.00	111.20	283251.02	173399.18
304+50	0	58.49				
			0.00	105.23	283251.02	173504.41
305+00	0	55.16				
			0.00	98.35	283251.02	173602.76
305+50	0	51.06				
			0.00	90.68	283251.02	173693.44
306+00	0	46.87				
			0.00	81.80	283251.02	173775.23
306+50	0	41.47				
			0.00	72.44	283251.02	173847.67
307+00	0	36.76				
			0.00	64.03	283251.02	173911.69
307+50	0	32.39				
			0.00	56.85	283251.02	173968.55
308+00	0	29.01				
			0.00	50.91	283251.02	174019.45
308+50	0	25.97				
			0.00	45.94	283251.02	174065.39
309+00	0	23.64				
			0.00	42.89	283251.02	174108.28
309+50	0	22.68				
			0.00	41.34	283251.02	174149.62
310+00	0	21.97				
			0.00	40.32	283251.02	174189.94
310+50	0	21.58				
			0.00	39.56	283251.02	174229.50

311+00	0	21.14				
			0.00	38.92	283251.02	174268.42
311+50	0	20.89				
			0.00	38.65	283251.02	174307.06
312+00	0	20.85				
			0.00	38.40	283251.02	174345.46
312+50	0	20.62				
			0.00	38.44	283251.02	174383.90
313+00	0	20.89				
			0.00	38.60	283251.02	174422.50
313+50	0	20.8				
			0.00	38.97	283251.02	174461.47
314+00	0	21.29				
			0.00	40.10	283251.02	174501.57
314+50	0	22.02				
			0.00	41.28	283251.02	174542.85
315+00	0	22.56				
			0.00	42.32	283251.02	174585.18
315+50	0	23.15				
			0.00	43.12	283251.02	174628.30
316+00	0	23.42				
			0.00	43.84	283251.02	174672.14
316+50	0	23.93				
			0.00	45.06	283251.02	174717.20
317+00	0	24.74				
			0.00	46.07	283251.02	174763.28
317+50	0	25.02				
			0.00	46.76	283251.02	174810.04
318+00	0	25.48				
			0.00	47.08	283251.02	174857.12
318+50	0	25.37				
			0.00	46.58	283251.02	174903.70
319+00	0	24.94				
			0.00	45.19	283251.02	174948.90
319+50	0	23.87				
			0.00	42.15	283251.02	174991.05
320+00	0	21.65				
			0.00	36.81	283251.02	175027.85
320+50	0	18.1				
			0.00	29.62	283251.02	175057.47
321+00	0	13.89				
			0.00	22.26	283251.02	175079.73
321+50	0	10.15				
			0.00	15.18	283251.02	175094.91
322+00	0	6.24				
			0.00	8.44	283251.02	175103.35
322+50	0	2.88				
			0.66	2.81	283251.68	175106.16
323+00	0.71	0.15				
			4.02	0.14	283255.69	175106.30
323+50	3.63	0				
			8.82	0.00	283264.52	175106.30

324+00	5.9	0				
			12.74	0.00	283277.26	175106.30
324+50	7.86	0				
			16.68	0.00	283293.94	175106.30
325+00	10.15	0				
			16.90	0.00	283310.83	175106.30
325+50	8.1	0				
			13.14	0.00	283323.97	175106.30
326+00	6.09	0				
			9.74	0.00	283333.71	175106.30
326+50	4.43	0				
			6.45	0.00	283340.17	175106.30
327+00	2.54	0				
			2.92	0.41	283343.08	175106.70
327+50	0.61	0.44				
			1.94	0.50	283345.02	175107.20
328+00	1.48	0.1				
			4.09	0.09	283349.11	175107.30
328+50	2.94	0				
			6.81	0.00	283355.93	175107.30
329+00	4.42	0				
			9.36	0.00	283365.29	175107.30
329+50	5.69	0				
			11.65	0.00	283376.94	175107.30
330+00	6.89	0				
			13.64	0.00	283390.57	175107.30
330+50	7.84	0				
			15.75	0.00	283406.32	175107.30
331+00	9.17	0				
			18.28	0.00	283424.60	175107.30
331+50	10.57	0				
			21.27	0.00	283445.87	175107.30
332+00	12.4	0				
			24.58	0.00	283470.45	175107.30
332+50	14.15	0				
			26.80	0.00	283497.25	175107.30
333+00	14.79	0				
			27.58	0.00	283524.83	175107.30
333+50	15	0				
			27.50	0.00	283552.33	175107.30
334+00	14.7	0				
			27.67	0.00	283580.00	175107.30
334+50	15.18	0				
			28.29	0.00	283608.29	175107.30
335+00	15.37	0				
			30.41	0.00	283638.69	175107.30
335+50	17.47	0				
			33.93	0.00	283672.62	175107.30
336+00	19.17	0				
			37.18	0.00	283709.80	175107.30
336+50	20.98	0				
			40.06	0.00	283749.85	175107.30

337+00	22.28	0				
			42.15	0.00	283792.00	175107.30
337+50	23.24	0				
			44.08	0.00	283836.08	175107.30
338+00	24.37	0				
			46.81	0.00	283882.90	175107.30
338+50	26.19	0				
			50.06	0.00	283932.95	175107.30
339+00	27.87	0				
			52.91	0.00	283985.86	175107.30
339+50	29.27	0				
			55.25	0.00	284041.11	175107.30
340+00	30.4	0				
			58.39	0.00	284099.50	175107.30
340+50	32.66	0				
			62.72	0.00	284162.22	175107.30
341+00	35.08	0				
			66.62	0.00	284228.84	175107.30
341+50	36.87	0				
			70.33	0.00	284299.18	175107.30
342+00	39.09	0				
			74.20	0.00	284373.38	175107.30
342+50	41.05	0				
			77.75	0.00	284451.13	175107.30
343+00	42.92	0				
			81.34	0.00	284532.47	175107.30
343+50	44.93	0				
			85.10	0.00	284617.57	175107.30
344+00	46.98	0				
			88.96	0.00	284706.54	175107.30
344+50	49.1	0				
			94.92	0.00	284801.45	175107.30
345+00	53.41	0				
			105.95	0.00	284907.41	175107.30
345+50	61.02	0				
			124.39	0.00	285031.80	175107.30
346+00	73.32	0				
			149.58	0.00	285181.38	175107.30
346+50	88.23	0				
			178.07	0.00	285359.45	175107.30
347+00	104.09	0				
			208.31	0.00	285567.77	175107.30
347+50	120.89	0				
			241.27	0.00	285809.04	175107.30
348+00	139.68	0				
			279.12	0.00	286088.16	175107.30
348+50	161.77	0				
			321.07	0.00	286409.23	175107.30
349+00	184.99	0				
			364.69	0.00	286773.93	175107.30
349+50	208.88	0				
			408.22	0.00	287182.15	175107.30

350+00	232	0				
			451.04	0.00	287633.19	175107.30
350+50	255.12	0				
			494.99	0.00	288128.18	175107.30
351+00	279.47	0				
			537.25	0.00	288665.43	175107.30
351+50	300.76	0				
			576.37	0.00	289241.80	175107.30
352+00	321.72	0				
			615.79	0.00	289857.58	175107.30
352+50	343.33	0				
			656.58	0.00	290514.17	175107.30
353+00	365.78	0				
			697.74	0.00	291211.91	175107.30
353+50	387.78	0				
			734.54	0.00	291946.44	175107.30
354+00	405.52	0				
			763.88	0.00	292710.32	175107.30
354+50	419.47	0				
			788.78	0.00	293499.10	175107.30
355+00	432.41	0				
			810.85	0.00	294309.95	175107.30
355+50	443.31	0				
			830.47	0.00	295140.43	175107.30
356+00	453.6	0				
			848.12	0.00	295988.55	175107.30
356+50	462.37	0				
			861.99	0.00	296850.54	175107.30
357+00	468.58	0				
			868.94	0.00	297719.48	175107.30
357+50	469.88	0				
			872.19	0.00	298591.68	175107.30
358+00	472.09	0				
			876.23	0.00	299467.91	175107.30
358+50	474.24	0				
			879.45	0.00	300347.36	175107.30
359+00	475.57	0				
			880.95	0.00	301228.31	175107.30
359+50	475.86	0				
			881.17	0.00	302109.48	175107.30
360+00	475.8	0				
			881.22	0.00	302990.70	175107.30
360+50	475.92	0				
			881.71	0.00	303872.42	175107.30
361+00	476.33	0				
			879.83	0.00	304752.25	175107.30
361+50	473.89	0				
			865.74	0.00	305617.99	175107.30
362+00	461.11	0				
			830.91	0.00	306448.90	175107.30
362+50	436.27	0				
			785.06	0.00	307233.95	175107.30

363+00	411.59	0				
			734.01	0.00	307967.96	175107.30
363+50	381.14	0				
			673.11	0.00	308641.07	175107.30
364+00	345.82	0				
			606.41	0.00	309247.48	175107.30
364+50	309.1	0				
			546.48	0.00	309793.96	175107.30
365+00	281.1	0				
			503.63	0.00	310297.59	175107.30
365+50	262.82	0				
			474.02	0.00	310771.61	175107.30
366+00	249.12	0				
			442.33	0.00	311213.94	175107.30
366+50	228.6	0				
			384.22	0.00	311598.17	175107.30
367+00	186.36	0				
			292.36	0.00	311890.53	175107.30
367+50	129.39	0				
			162.05	7.45	312052.57	175114.75
368+00	45.62	8.05				
			55.57	44.74	312108.15	175159.49
368+50	14.4	40.27				
			29.11	66.07	312137.26	175225.56
369+00	17.04	31.09				
			34.32	40.07	312171.58	175265.64
369+50	20.03	12.19				
			47.95	12.25	312219.54	175277.89
370+00	31.76	1.04				
			77.50	0.96	312297.04	175278.85
370+50	51.94	0				
			114.32	0.00	312411.36	175278.85
371+00	71.53	0				
			144.52	0.00	312555.88	175278.85
371+50	84.55	0				
			166.26	0.00	312722.14	175278.85
372+00	95.01	0				
			180.07	0.00	312902.21	175278.85
372+50	99.47	0				
			183.16	0.00	313085.37	175278.85
373+00	98.34	0				
			179.94	0.00	313265.31	175278.85
373+50	95.99	0				
			175.66	0.00	313440.96	175278.85
374+00	93.72	0				
			175.13	0.00	313616.09	175278.85
374+50	95.42	0				
			179.56	0.00	313795.65	175278.85
375+00	98.5	0				
			185.26	0.00	313980.91	175278.85
375+50	101.58	0				
			189.39	0.00	314170.30	175278.85

376+00	102.96	0				
			189.42	0.00	314359.71	175278.85
376+50	101.61	0				
			184.48	0.00	314544.19	175278.85
377+00	97.63	0				
			176.88	0.00	314721.07	175278.85
377+50	93.4	0				
			168.31	0.00	314889.39	175278.85
378+00	88.38	0				
			158.02	0.00	315047.41	175278.85
378+50	82.28	0				
			140.90	0.00	315188.31	175278.85
379+00	69.89	0				
			114.88	0.00	315303.19	175278.85
379+50	54.18	0				
			84.34	0.00	315387.53	175278.85
380+00	36.91	0				
			53.30	0.00	315440.82	175278.85
380+50	20.65	0				
			28.99	0.00	315469.81	175278.85
381+00	10.66	0				
			14.69	0.66	315484.51	175279.51
381+50	5.21	0.71				
			7.20	3.31	315491.71	175282.82
382+00	2.57	2.87				
			2.39	13.35	315494.10	175296.18
382+50	0.01	11.55				
			0.01	40.65	315494.11	175336.82
383+00	0	32.35				
			0.00	85.80	315494.11	175422.62
383+50	0	60.31				
			0.00	147.65	315494.11	175570.27
384+00	0	99.15				
			0.00	224.54	315494.11	175794.81
384+50	0	143.35				
			0.00	308.55	315494.11	176103.35
385+00	0	189.88				
			0.00	395.40	315494.11	176498.75
385+50	0	237.15				
			0.00	458.14	315494.11	176956.89
386+00	0	257.64				
			0.00	448.04	315494.11	177404.93
386+50	0	226.24				
			0.00	352.55	315494.11	177757.47
387+00	0	154.51				
			0.00	234.64	315494.11	177992.11
387+50	0	98.9				
			0.00	140.30	315494.11	178132.41
388+00	0	52.62				
			0.00	63.41	315494.11	178195.81
388+50	0	15.86				
			9.24	14.69	315503.35	178210.50

389+00	9.98	0				
			35.18	0.00	315538.53	178210.50
389+50	28.01	0				
			56.84	0.00	315595.37	178210.50
390+00	33.38	0				
			63.21	0.00	315658.58	178210.50
390+50	34.89	0				
			64.82	0.00	315723.41	178210.50
391+00	35.12	0				
			64.83	0.00	315788.24	178210.50
391+50	34.9	0				
			65.76	0.00	315854.00	178210.50
392+00	36.12	0				
			68.83	0.00	315922.83	178210.50
392+50	38.22	0				
			72.31	0.00	315995.15	178210.50
393+00	39.88	0				
			75.19	0.00	316070.34	178210.50
393+50	41.33	0				
			76.62	0.00	316146.96	178210.50
394+00	41.42	0				
			76.44	0.00	316223.40	178210.50
394+50	41.13	0				
			72.66	0.00	316296.06	178210.50
395+00	37.34	0				
			68.80	0.00	316364.85	178210.50
395+50	36.96	0				
			66.69	0.00	316431.54	178210.50
396+00	35.06	0				
			62.13	0.00	316493.67	178210.50
396+50	32.04	0				
			56.11	0.00	316549.78	178210.50
397+00	28.56	0				
			49.27	0.00	316599.05	178210.50
397+50	24.65	0				
			40.42	0.00	316639.46	178210.50
398+00	19	0				
			31.10	0.00	316670.56	178210.50
398+50	14.59	0				
			23.48	0.00	316694.05	178210.50
399+00	10.77	0				
			16.32	0.00	316710.37	178210.50
399+50	6.86	0				
			8.93	0.00	316719.30	178210.50
400+00	2.78	0				
			2.17	0.00	316721.46	178210.50
400+42.11	0	0				

Proposed Route Floodplain

PROPOSED - FLOODPLAIN AREAS						
	CUTA	FILLA	CUTV	FILLV	CUMCUTV	CUMFILLV
			0.00	0.00	0.00	0.00
102+50	0	77.95	0.00	124.30	0.00	124.30
103+00	0	56.29	0.00	86.72	0.00	211.02
103+50	0	37.37	0.94	57.66	0.94	268.68
104+00	1.01	24.9	3.77	40.30	4.70	308.97
104+50	3.06	18.62	4.94	36.71	9.65	345.69
105+00	2.28	21.03	2.11	59.10	11.76	404.79
105+50	0	42.8	0.00	119.14	11.76	523.93
106+00	0	85.87	0.00	220.54	11.76	744.46
106+50	0	152.31	0.00	352.64	11.76	1097.10
107+00	0	228.54	0.00	493.39	11.76	1590.49
107+50	0	304.32	0.00	606.82	11.76	2197.31
108+00	0	351.05	0.00	675.50	11.76	2872.81
108+50	0	378.49	0.00	719.34	11.76	3592.16
109+00	0	398.4	0.00	768.73	11.76	4360.89
109+50	0	431.83	0.00	854.08	11.76	5214.97
110+00	0	490.58	0.00	973.45	11.76	6188.43
110+50	0	560.75	0.00	1076.76	11.76	7265.19
111+00	0	602.15	0.00	1154.86	11.76	8420.05
111+50	0	645.1	0.00	1241.31	11.76	9661.36
112+00	0	695.52	0.00	1341.66	11.76	11003.02
112+50	0	753.47	0.00	1442.00	11.76	12445.02
113+00	0	803.89	0.00	1507.65	11.76	13952.67
113+50	0	824.37	0.00	1519.58	11.76	15472.25
114+00	0	816.78				

			0.00	1484.95	11.76	16957.20
114+50	0	786.97				
			0.00	1442.83	11.76	18400.04
115+00	0	771.29				
			0.00	1450.90	11.76	19850.94
115+50	0	795.68				
			0.00	1518.38	11.76	21369.31
116+00	0	844.17				
			0.00	1609.71	11.76	22979.03
116+50	0	894.32				
			0.00	1688.06	11.76	24667.09
117+00	0	928.79				
			0.00	1701.03	11.76	26368.12
117+50	0	908.32				
			0.00	1588.83	11.76	27956.95
118+00	0	807.62				
			0.00	1370.70	11.76	29327.66
118+50	0	672.74				
			0.00	1132.61	11.76	30460.27
119+00	0	550.48				
			0.00	919.92	11.76	31380.19
119+50	0	443.03				
			0.00	729.07	11.76	32109.26
120+00	0	344.37				
			0.00	555.94	11.76	32665.20
120+50	0	256.05				
			0.00	404.01	11.76	33069.21
121+00	0	180.28				
			0.00	277.56	11.76	33346.78
121+50	0	119.49				
			0.00	168.65	11.76	33515.43
122+00	0	62.65				
			13.12	72.36	24.88	33587.79
122+50	14.17	15.5				
			56.96	14.85	81.84	33602.64
123+00	47.35	0.54				
			122.36	0.50	204.20	33603.14
123+50	84.8	0				
			150.90	0.00	355.10	33603.14
124+00	78.17	0				
			129.35	0.34	484.45	33603.48
124+50	61.53	0.37				
			149.73	0.34	634.19	33603.82
125+00	100.18	0				
			0.00	0.00	0.00	0.00
155+00	0	829.36				
			0.00	1649.69	0.00	1649.69
155+50	0	952.3				
			0.00	1729.22	0.00	3378.91

156+00	0	915.26				
			0.00	1652.46	0.00	5031.37
156+50	0	869.4				
			0.00	1594.57	0.00	6625.94
157+00	0	852.74				
			0.00	1581.54	0.00	8207.48
157+50	0	855.32				
			0.00	1589.80	0.00	9797.28
158+00	0	861.66				
			0.00	1592.56	0.00	11389.83
158+50	0	858.3				
			0.00	1564.13	0.00	12953.96
159+00	0	830.96				
			0.00	1552.42	0.00	14506.38
159+50	0	845.65				
			0.00	1580.33	0.00	16086.71
160+00	0	861.11				
			0.00	1543.75	0.00	17630.46
160+50	0	806.14				
			0.00	1373.30	0.00	19003.76
161+00	0	677.02				
			0.00	1140.74	0.00	20144.50
161+50	0	554.98				
			0.00	923.41	0.00	21067.91
162+00	0	442.3				
			0.00	713.74	0.00	21781.65
162+50	0	328.54				
			0.00	0.00	0.00	0.00
199+00	111.26	0				
			183.94	0.00	183.94	0.00
199+50	87.4	0				
			106.37	0.00	290.31	0.00
200+00	27.48	0				
			25.44	54.08	315.76	54.08
200+50	0	58.41				
			0.00	190.60	315.76	244.69
201+00	0	147.44				
			0.00	343.02	315.76	587.70
201+50	0	223.02				
			0.00	479.88	315.76	1067.58
202+00	0	295.25				
			0.00	623.11	315.76	1690.69
202+50	0	377.71				
			0.00	795.18	315.76	2485.87
203+00	0	481.08				
			0.00	980.31	315.76	3466.18
203+50	0	577.65				
			0.00	1150.08	315.76	4616.26

204+00	0	664.44				
			0.00	1322.49	315.76	5938.75
204+50	0	763.85				
			0.00	1474.07	315.76	7412.82
205+00	0	828.15				
			0.00	1526.67	315.76	8939.49
205+50	0	820.65				
			0.00	1429.04	315.76	10368.53
206+00	0	722.71				
			0.00	1115.55	315.76	11484.07
206+50	0	482.08				
			0.00	686.45	315.76	12170.53
207+00	0	259.29				
			0.00	366.19	315.76	12536.71
207+50	0	136.19				
			0.00	199.11	315.76	12735.82
208+00	0	78.85				
			0.00	118.53	315.76	12854.35
208+50	0	49.16				
			0.00	70.08	315.76	12924.44
209+00	0	26.53				
			0.00	31.92	315.76	12956.35
209+50	0	7.94				
			0.42	7.90	316.18	12964.25
210+00	0.45	0.59				
			0.69	0.95	316.87	12965.20
210+50	0.3	0.44				
			0.28	2.09	317.15	12967.30
211+00	0	1.82				
			0.00	7.53	317.15	12974.82
211+50	0	6.31				
			0.00	15.08	317.15	12989.91
212+00	0	9.98				
			0.00	21.32	317.15	13011.23
212+50	0	13.05				
			0.00	25.98	317.15	13037.21
213+00	0	15.01				
			0.00	29.44	317.15	13066.65
213+50	0	16.78				
			0.00	0.00	0.00	0.00
365+50	262.82	0				
			474.02	0.00	474.02	0.00
366+00	249.12	0				
			442.33	0.00	916.35	0.00
366+50	228.6	0				
			384.22	0.00	1300.57	0.00
367+00	186.36	0				
			292.36	0.00	1592.94	0.00
367+50	129.39	0				

			162.05	7.45	1754.98	7.45
368+00	45.62	8.05				
			55.57	44.74	1810.56	52.19
368+50	14.4	40.27				
			29.11	66.07	1839.67	118.27
369+00	17.04	31.09				
			34.32	40.07	1873.99	158.34
369+50	20.03	12.19				
			47.95	12.25	1921.94	170.59
370+00	31.76	1.04				
			77.50	0.96	1999.44	171.56
370+50	51.94	0				
			114.32	0.00	2113.77	171.56
371+00	71.53	0				
			144.52	0.00	2258.29	171.56
371+50	84.55	0				
			166.26	0.00	2424.55	171.56
372+00	95.01	0				
			180.07	0.00	2604.62	171.56
372+50	99.47	0				
			183.16	0.00	2787.78	171.56
373+00	98.34	0				
			179.94	0.00	2967.71	171.56
373+50	95.99	0				
			175.66	0.00	3143.37	171.56
374+00	93.72	0				
			175.13	0.00	3318.50	171.56
374+50	95.42	0				
			179.56	0.00	3498.06	171.56
375+00	98.5	0				
			185.26	0.00	3683.31	171.56
375+50	101.58	0				
			189.39	0.00	3872.70	171.56
376+00	102.96	0				
			189.42	0.00	4062.12	171.56
376+50	101.61	0				
			184.48	0.00	4246.60	171.56
377+00	97.63	0				
			176.88	0.00	4423.48	171.56
377+50	93.4	0				
			168.31	0.00	4591.80	171.56
378+00	88.38	0				
			158.02	0.00	4749.81	171.56
378+50	82.28	0				
			140.90	0.00	4890.71	171.56
379+00	69.89	0				
			114.88	0.00	5005.59	171.56
379+50	54.18	0				
			84.34	0.00	5089.94	171.56
380+00	36.91	0				
			53.30	0.00	5143.23	171.56
380+50	20.65	0				

			28.99	0.00	5172.22	171.56
381+00	10.66	0				
			14.69	0.66	5186.92	172.21
381+50	5.21	0.71				
			7.20	3.31	5194.12	175.53
382+00	2.57	2.87				
			2.39	13.35	5196.51	188.88
382+50	0.01	11.55				
			0.01	40.65	5196.52	229.53
383+00	0	32.35				
			0.00	85.80	5196.52	315.32
383+50	0	60.31				
			0.00	147.65	5196.52	462.97
384+00	0	99.15				
			0.00	224.54	5196.52	687.51
384+50	0	143.35				
			0.00	308.55	5196.52	996.06
385+00	0	189.88				
			0.00	395.40	5196.52	1391.45
385+50	0	237.15				
			0.00	458.14	5196.52	1849.59
386+00	0	257.64				
			0.00	448.04	5196.52	2297.63
386+50	0	226.24				
			0.00	352.55	5196.52	2650.18
387+00	0	154.51				
			0.00	234.64	5196.52	2884.81
387+50	0	98.9				
			0.00	140.30	5196.52	3025.11
388+00	0	52.62				
			0.00	63.41	5196.52	3088.52
388+50	0	15.86				
			9.24	14.69	5205.76	3103.20
389+00	9.98	0				
			35.18	0.00	5240.94	3103.20
389+50	28.01	0				
			56.84	0.00	5297.78	3103.20
390+00	33.38	0				
			63.21	0.00	5360.99	3103.20
390+50	34.89	0				
			64.82	0.00	5425.81	3103.20
391+00	35.12	0				
			64.83	0.00	5490.65	3103.20
391+50	34.9	0				
			65.76	0.00	5556.41	3103.20
392+00	36.12	0				
			68.83	0.00	5625.24	3103.20
392+50	38.22	0				
			72.31	0.00	5697.56	3103.20
393+00	39.88	0				
			75.19	0.00	5772.75	3103.20
393+50	41.33	0				

			76.62	0.00	5849.37	3103.20
394+00	41.42	0				
			76.44	0.00	5925.81	3103.20
394+50	41.13	0				
			72.66	0.00	5998.46	3103.20
395+00	37.34	0				
			68.80	0.00	6067.26	3103.20
395+50	36.96	0				
			66.69	0.00	6133.94	3103.20
396+00	35.06	0				
			62.13	0.00	6196.07	3103.20
396+50	32.04	0				
			56.11	0.00	6252.19	3103.20
397+00	28.56	0				
			49.27	0.00	6301.45	3103.20
397+50	24.65	0				
			40.42	0.00	6341.87	3103.20
398+00	19	0				
			31.10	0.00	6372.97	3103.20
398+50	14.59	0				
			23.48	0.00	6396.45	3103.20
399+00	10.77	0				
			16.32	0.00	6412.78	3103.20
399+50	6.86	0				
			8.93	0.00	6421.70	3103.20
400+00	2.78	0				
			2.17	0.00	6423.87	3103.20
400+42.11	0	0				
					7375.20	71555.32

Appendix H
MCEAA Medina Dam Alternative Earthwork and Floodplain Volumes

MCEAA Medina Dam Alternative Earthwork

MCEAA Gross Earthwork Volumes

BASLINE STATION NUMBER	CUT AREA	CUT VOLUME	FILL AREA	FILL VOLUME	CUM CUT VOLUME	CUM FILL VOLUME	NET VOLUME
20+00.00	0	0	0.00	0	0	0	0
20+50.00	312.99	289.81	0.00	0.00	289.81	0.00	290
21+00.00	251.21	522.41	0.00	0.00	812.21	0.00	812
21+50.00	206.72	424.01	0.00	0.00	1236.22	0.00	1236
22+00.00	132.49	314.08	0.00	0.00	1550.31	0.00	1550
22+50.00	36.37	156.35	0.00	0.00	1706.66	0.00	1707
23+00.00	0	33.68	5.92	5.48	1740.33	5.48	1735
23+50.00	0	0.00	6.18	11.20	1740.33	16.69	1724
24+00.00	0	0.00	6.45	11.69	1740.33	28.38	1712
24+50.00	0	0.00	6.71	12.19	1740.33	40.56	1700
25+00.00	0	0.00	6.98	12.68	1740.33	53.24	1687
25+50.00	0	0.00	38.50	42.11	1740.33	95.35	1645
26+00.00	0	0.00	105.32	133.17	1740.33	228.52	1512
26+50.00	0	0.00	172.56	257.30	1740.33	485.81	1255
27+00.00	0	0.00	185.36	331.41	1740.33	817.22	923
27+50.00	0	0.00	187.92	345.63	1740.33	1162.85	577
28+00.00	0	0.00	189.32	349.30	1740.33	1512.15	228
28+50.00	0	0.00	175.33	337.64	1740.33	1849.79	-109
29+00.00	0	0.00	133.55	286.00	1740.33	2135.79	-395
29+50.00	0	0.00	139.08	252.44	1740.33	2388.22	-648
30+00.00	0	0.00	141.60	259.89	1740.33	2648.11	-908
30+50.00	0	0.00	143.85	264.31	1740.33	2912.42	-1172
31+00.00	0	0.00	132.91	256.26	1740.33	3168.68	-1428
31+50.00	0	0.00	80.02	197.16	1740.33	3365.83	-1625
32+00.00	1.09	1.01	7.41	80.95	1741.34	3446.79	-1705
32+50.00	50.74	47.99	0.00	6.86	1789.33	3453.65	-1664
33+00.00	115.57	153.99	0.00	0.00	1943.32	3453.65	-1510
33+50.00	183.4	276.82	0.00	0.00	2220.15	3453.65	-1233
34+00.00	274.3	423.80	0.00	0.00	2643.94	3453.65	-810
34+50.00	396.41	621.03	0.00	0.00	3264.97	3453.65	-189
35+00.00	444.48	778.60	0.00	0.00	4043.57	3453.65	590
35+50.00	458.21	835.82	0.00	0.00	4879.40	3453.65	1426
36+00.00	473.61	862.80	0.00	0.00	5742.19	3453.65	2289
36+50.00	490.75	892.93	0.00	0.00	6635.12	3453.65	3181
37+00.00	509.7	926.34	0.00	0.00	7561.46	3453.65	4108
37+50.00	530.52	963.17	0.00	0.00	8524.63	3453.65	5071
38+00.00	474.48	930.56	0.00	0.00	9455.19	3453.65	6002
38+50.00	348.77	762.27	0.00	0.00	10217.45	3453.65	6764
39+00.00	245.69	550.43	0.00	0.00	10767.88	3453.65	7314
39+50.00	161.72	377.23	0.00	0.00	11145.11	3453.65	7691
40+00.00	79.21	223.08	0.00	0.00	11368.19	3453.65	7915
40+50.00	10.37	82.94	0.22	0.20	11451.14	3453.85	7997
41+00.00	0	9.60	46.13	42.92	11460.74	3496.77	7964
41+50.00	0	0.00	103.81	138.83	11460.74	3635.60	7825
42+00.00	0	0.00	133.51	219.74	11460.74	3855.34	7605

42+50.00	0	0.00	111.40	226.77	11460.74	4082.11	7379
43+00.00	0	0.00	92.11	188.44	11460.74	4270.55	7190
43+50.00	0	0.00	72.64	152.55	11460.74	4423.09	7038
44+00.00	44.54	41.24	0.00	67.26	11501.98	4490.35	7012
44+50.00	223.82	248.48	0.00	0.00	11750.46	4490.35	7260
45+00.00	360.97	541.47	0.00	0.00	12291.94	4490.35	7802
45+50.00	388	693.49	0.00	0.00	12985.43	4490.35	8495
46+00.00	297.31	634.55	0.00	0.00	13619.97	4490.35	9130
46+50.00	172.23	434.76	0.00	0.00	14054.73	4490.35	9564
47+00.00	70.11	224.39	0.00	0.00	14279.12	4490.35	9789
47+50.00	0.15	65.06	5.83	5.40	14344.18	4495.75	9848
48+00.00	0	0.14	73.14	73.12	14344.31	4568.87	9775
48+50.00	0	0.00	155.12	211.35	14344.31	4780.22	9564
49+00.00	0	0.00	233.85	360.16	14344.31	5140.38	9204
49+50.00	0	0.00	325.53	517.94	14344.31	5658.32	8686
50+00.00	0	0.00	434.97	704.17	14344.31	6362.49	7982
50+50.00	0	0.00	569.04	929.64	14344.31	7292.13	7052
51+00.00	0	0.00	739.43	1211.55	14344.31	8503.68	5841
51+50.00	0	0.00	889.32	1508.10	14344.31	10011.78	4333
52+00.00	0	0.00	869.73	1628.75	14344.31	11640.53	2704
52+50.00	0	0.00	852.89	1595.02	14344.31	13235.55	1109
53+00.00	0	0.00	838.72	1566.31	14344.31	14801.85	-458
53+50.00	0	0.00	827.17	1542.49	14344.31	16344.34	-2000
54+00.00	0	0.00	818.19	1523.48	14344.31	17867.82	-3523
54+50.00	0	0.00	811.74	1509.19	14344.31	19377.02	-5033
55+00.00	0	0.00	753.82	1449.59	14344.31	20826.61	-6482
55+50.00	0	0.00	611.90	1264.56	14344.31	22091.17	-7747
56+00.00	0	0.00	494.58	1024.52	14344.31	23115.69	-8771
56+50.00	0	0.00	401.43	829.64	14344.31	23945.32	-9601
57+00.00	0	0.00	345.27	691.39	14344.31	24636.71	-10292
57+50.00	0	0.00	316.79	613.02	14344.31	25249.73	-10905
58+00.00	0	0.00	303.56	574.40	14344.31	25824.13	-11480
58+50.00	0	0.00	303.50	562.09	14344.31	26386.22	-12042
59+00.00	0	0.00	316.77	574.32	14344.31	26960.55	-12616
59+50.00	0	0.00	307.41	577.94	14344.31	27538.49	-13194
60+00.00	0	0.00	301.70	563.99	14344.31	28102.48	-13758
60+50.00	0	0.00	292.33	550.03	14344.31	28652.51	-14308
61+00.00	0	0.00	291.45	540.54	14344.31	29193.05	-14849
61+50.00	0	0.00	320.88	566.97	14344.31	29760.02	-15416
62+00.00	0	0.00	359.15	629.66	14344.31	30389.68	-16045
62+50.00	0	0.00	425.10	726.16	14344.31	31115.83	-16771
63+00.00	0	0.00	509.05	864.95	14344.31	31980.79	-17636
63+50.00	0	0.00	595.03	1022.30	14344.31	33003.08	-18659
64+00.00	0	0.00	686.23	1186.35	14344.31	34189.44	-19845
64+50.00	0	0.00	794.65	1371.19	14344.31	35560.62	-21216
65+00.00	0	0.00	875.22	1546.18	14344.31	37106.80	-22762
65+50.00	0	0.00	960.87	1700.08	14344.31	38806.88	-24463
66+00.00	0	0.00	1049.66	1861.60	14344.31	40668.48	-26324
66+50.00	0	0.00	1138.16	2025.76	14344.31	42694.24	-28350
67+00.00	0	0.00	1226.97	2189.94	14344.31	44884.18	-30540
67+50.00	0	0.00	1266.80	2309.05	14344.31	47193.22	-32849
68+00.00	0	0.00	1215.03	2297.99	14344.31	49491.21	-35147

68+50.00	0	0.00	1109.85	2152.67	14344.31	51643.88	-37300
69+00.00	0	0.00	1004.77	1957.98	14344.31	53601.86	-39258
69+50.00	0	0.00	913.05	1775.76	14344.31	55377.62	-41033
70+00.00	0	0.00	844.98	1627.81	14344.31	57005.43	-42661
70+50.00	0	0.00	803.01	1525.92	14344.31	58531.34	-44187
71+00.00	0	0.00	771.69	1458.06	14344.31	59989.40	-45645
71+50.00	0	0.00	747.62	1406.77	14344.31	61396.17	-47052
72+00.00	0	0.00	741.94	1379.22	14344.31	62775.39	-48431
72+50.00	0	0.00	738.40	1370.69	14344.31	64146.07	-49802
73+00.00	0	0.00	724.62	1354.65	14344.31	65500.72	-51156
73+50.00	0	0.00	705.73	1324.40	14344.31	66825.12	-52481
74+00.00	0	0.00	691.92	1294.12	14344.31	68119.24	-53775
74+50.00	0	0.00	654.63	1246.81	14344.31	69366.05	-55022
75+00.00	0	0.00	611.76	1172.58	14344.31	70538.63	-56194
75+50.00	0	0.00	562.11	1086.92	14344.31	71625.55	-57281
76+00.00	0	0.00	472.83	958.28	14344.31	72583.82	-58240
76+50.00	0	0.00	375.65	785.63	14344.31	73369.45	-59025
77+00.00	0	0.00	332.59	655.78	14344.31	74025.23	-59681
77+50.00	0	0.00	326.22	610.01	14344.31	74635.24	-60291
78+00.00	0	0.00	338.50	615.48	14344.31	75250.72	-60906
78+50.00	0	0.00	385.91	670.75	14344.31	75921.47	-61577
79+00.00	0	0.00	428.01	753.63	14344.31	76675.10	-62331
79+50.00	0	0.00	437.27	801.19	14344.31	77476.29	-63132
80+00.00	0	0.00	443.89	815.89	14344.31	78292.18	-63948
80+50.00	0	0.00	453.63	831.04	14344.31	79123.21	-64779
81+00.00	0	0.00	453.02	839.49	14344.31	79962.70	-65618
81+50.00	0	0.00	442.54	829.22	14344.31	80791.93	-66448
82+00.00	0	0.00	409.38	788.81	14344.31	81580.74	-67236
82+50.00	0	0.00	343.79	697.38	14344.31	82278.12	-67934
83+00.00	0	0.00	265.27	563.94	14344.31	82842.06	-68498
83+50.00	0	0.00	189.11	420.72	14344.31	83262.79	-68918
84+00.00	0	0.00	122.00	288.06	14344.31	83550.85	-69207
84+50.00	0	0.00	63.60	171.85	14344.31	83722.70	-69378
85+00.00	0	0.00	15.19	72.95	14344.31	83795.66	-69451
85+50.00	0	0.00	8.33	21.78	14344.31	83817.44	-69473
86+00.00	0	0.00	22.46	28.51	14344.31	83845.94	-69502
86+50.00	0	0.00	37.59	55.60	14344.31	83901.55	-69557
87+00.00	0	0.00	53.71	84.54	14344.31	83986.08	-69642
87+50.00	0	0.00	70.84	115.32	14344.31	84101.41	-69757
88+00.00	0	0.00	88.96	147.96	14344.31	84249.37	-69905
88+50.00	0	0.00	108.09	182.45	14344.31	84431.82	-70088
89+00.00	0	0.00	121.24	212.34	14344.31	84644.17	-70300
89+50.00	0	0.00	105.17	209.64	14344.31	84853.81	-70510
90+00.00	0	0.00	89.74	180.47	14344.31	85034.28	-70690
90+50.00	0	0.00	74.35	151.94	14344.31	85186.21	-70842
91+00.00	0	0.00	58.83	123.31	14344.31	85309.53	-70965
91+50.00	0	0.00	43.30	94.56	14344.31	85404.09	-71060
92+00.00	0	0.00	27.91	65.94	14344.31	85470.03	-71126
92+50.00	0	0.00	12.81	37.70	14344.31	85507.73	-71163
93+00.00	0	0.00	2.95	14.59	14344.31	85522.32	-71178
93+50.00	6.59	6.10	0.00	2.73	14350.42	85525.06	-71175
94+00.00	17.24	22.06	0.00	0.00	14372.48	85525.06	-71153

94+50.00	29.13	42.94	0.00	0.00	14415.42	85525.06	-71110
95+00.00	41.61	65.50	0.00	0.00	14480.92	85525.06	-71044
95+50.00	35.02	70.95	0.00	0.00	14551.87	85525.06	-70973
96+00.00	28.91	59.19	0.00	0.00	14611.06	85525.06	-70914
96+50.00	23.65	48.67	0.00	0.00	14659.73	85525.06	-70865
97+00.00	19.19	39.67	0.00	0.00	14699.40	85525.06	-70826
97+50.00	15.5	32.12	0.00	0.00	14731.52	85525.06	-70794
98+00.00	12.54	25.96	0.00	0.00	14757.48	85525.06	-70768
98+50.00	10.29	21.14	0.00	0.00	14778.62	85525.06	-70746
99+00.00	8.75	17.63	0.00	0.00	14796.25	85525.06	-70729
99+50.00	7.88	15.40	0.00	0.00	14811.65	85525.06	-70713
100+00.00	7.67	14.40	0.00	0.00	14826.05	85525.06	-70699
100+50.00	7.68	14.21	0.00	0.00	14840.26	85525.06	-70685
101+00.00	7.69	14.23	0.00	0.00	14854.49	85525.06	-70671
101+50.00	7.7	14.25	0.00	0.00	14868.74	85525.06	-70656
102+00.00	7.71	14.27	0.00	0.00	14883.01	85525.06	-70642
102+50.00	7.72	14.29	0.00	0.00	14897.30	85525.06	-70628
103+00.00	7.73	14.31	0.00	0.00	14911.60	85525.06	-70614
103+50.00	7.74	14.32	0.00	0.00	14925.93	85525.06	-70599
104+00.00	7.75	14.34	0.00	0.00	14940.27	85525.06	-70585
104+50.00	0	7.18	7.31	6.77	14947.44	85531.82	-70584
105+00.00	0	0.00	32.78	37.12	14947.44	85568.94	-70622
105+50.00	0	0.00	61.40	87.20	14947.44	85656.15	-70709
106+00.00	0	0.00	93.18	143.13	14947.44	85799.28	-70852
106+50.00	0	0.00	110.96	189.02	14947.44	85988.30	-71041
107+00.00	0	0.00	112.25	206.68	14947.44	86194.97	-71248
107+50.00	0	0.00	108.95	204.81	14947.44	86399.79	-71452
108+00.00	0	0.00	97.09	190.78	14947.44	86590.56	-71643
108+50.00	0	0.00	87.59	171.00	14947.44	86761.56	-71814
109+00.00	0	0.00	88.84	163.36	14947.44	86924.93	-71978
109+50.00	0	0.00	89.44	165.07	14947.44	87090.00	-72143
110+00.00	0	0.00	91.44	167.48	14947.44	87257.48	-72310
110+50.00	0	0.00	92.70	170.50	14947.44	87427.98	-72481
111+00.00	0	0.00	93.36	172.28	14947.44	87600.26	-72653
111+50.00	0	0.00	93.98	173.46	14947.44	87773.72	-72826
112+00.00	0	0.00	93.96	174.02	14947.44	87947.74	-73000
112+50.00	0	0.00	86.90	167.46	14947.44	88115.20	-73168
113+00.00	0	0.00	77.66	152.37	14947.44	88267.57	-73320
113+50.00	0	0.00	68.66	135.48	14947.44	88403.06	-73456
114+00.00	0	0.00	55.44	114.91	14947.44	88517.96	-73571
114+50.00	0	0.00	41.50	89.76	14947.44	88607.72	-73660
115+00.00	0	0.00	49.29	84.06	14947.44	88691.79	-73744
115+50.00	0	0.00	58.72	100.01	14947.44	88791.80	-73844
116+00.00	0	0.00	68.47	117.77	14947.44	88909.56	-73962
116+50.00	0	0.00	66.83	125.28	14947.44	89034.84	-74088
117+00.00	0	0.00	75.66	131.94	14947.44	89166.78	-74219
117+50.00	0	0.00	84.73	148.51	14947.44	89315.29	-74368
118+00.00	0	0.00	69.54	142.84	14947.44	89458.13	-74511
118+50.00	0	0.00	32.50	94.48	14947.44	89552.61	-74605
119+00.00	0.22	0.20	0.81	30.84	14947.65	89583.45	-74636
119+50.00	8.03	7.64	0.00	0.75	14955.29	89584.20	-74629
120+00.00	8.04	14.88	0.00	0.00	14970.17	89584.20	-74614

120+50.00	8.05	14.90	0.00	0.00	14985.06	89584.20	-74599
121+00.00	8.06	14.92	0.00	0.00	14999.98	89584.20	-74584
121+50.00	8.07	14.94	0.00	0.00	15014.92	89584.20	-74569
122+00.00	8.08	14.95	0.00	0.00	15029.87	89584.20	-74554
122+50.00	8.09	14.97	0.00	0.00	15044.84	89584.20	-74540
123+00.00	8.09	14.98	0.00	0.00	15059.82	89584.20	-74525
123+50.00	8.1	14.99	0.00	0.00	15074.81	89584.20	-74510
124+00.00	8.11	15.01	0.00	0.00	15089.82	89584.20	-74495
124+50.00	8.12	15.03	0.00	0.00	15104.85	89584.20	-74479
125+00.00	8.13	15.05	0.00	0.00	15119.90	89584.20	-74464
125+50.00	8.14	15.06	0.00	0.00	15134.96	89584.20	-74449
126+00.00	8.15	15.08	0.00	0.00	15150.05	89584.20	-74434
126+50.00	8.16	15.10	0.00	0.00	15165.15	89584.20	-74419
127+00.00	8.17	15.12	0.00	0.00	15180.27	89584.20	-74404
127+50.00	8.18	15.14	0.00	0.00	15195.41	89584.20	-74389
128+00.00	8.19	15.16	0.00	0.00	15210.56	89584.20	-74374
128+50.00	8.2	15.18	0.00	0.00	15225.74	89584.20	-74359
129+00.00	8.2	15.19	0.00	0.00	15240.93	89584.20	-74343
129+50.00	8.21	15.19	0.00	0.00	15256.12	89584.20	-74328
130+00.00	8.22	15.21	0.00	0.00	15271.33	89584.20	-74313
130+50.00	8.23	15.23	0.00	0.00	15286.56	89584.20	-74298
131+00.00	8.24	15.25	0.00	0.00	15301.81	89584.20	-74283
131+50.00	8.25	15.27	0.00	0.00	15317.08	89584.20	-74267
132+00.00	8.26	15.29	0.00	0.00	15332.37	89584.20	-74252
132+50.00	8.27	15.31	0.00	0.00	15347.68	89584.20	-74237
133+00.00	8.28	15.32	0.00	0.00	15363.00	89584.20	-74221
133+50.00	8.29	15.34	0.00	0.00	15378.34	89584.20	-74206
134+00.00	8.3	15.36	0.00	0.00	15393.70	89584.20	-74191
134+50.00	8.31	15.38	0.00	0.00	15409.08	89584.20	-74175
135+00.00	8.32	15.40	0.00	0.00	15424.48	89584.20	-74160
135+50.00	8.32	15.41	0.00	0.00	15439.89	89584.20	-74144
136+00.00	8.33	15.42	0.00	0.00	15455.31	89584.20	-74129
136+50.00	8.34	15.44	0.00	0.00	15470.74	89584.20	-74114
137+00.00	8.35	15.45	0.00	0.00	15486.19	89584.20	-74098
137+50.00	8.36	15.47	0.00	0.00	15501.67	89584.20	-74083
138+00.00	8.37	15.49	0.00	0.00	15517.16	89584.20	-74067
138+50.00	8.38	15.51	0.00	0.00	15532.67	89584.20	-74052
139+00.00	8.39	15.53	0.00	0.00	15548.19	89584.20	-74036
139+50.00	8.4	15.55	0.00	0.00	15563.74	89584.20	-74021
140+00.00	8.41	15.56	0.00	0.00	15579.31	89584.20	-74005
140+50.00	8.44	15.60	0.00	0.00	15594.91	89584.20	-73989
141+00.00	9.35	16.47	0.00	0.00	15611.38	89584.20	-73973
141+50.00	11.49	19.30	0.00	0.00	15630.68	89584.20	-73954
142+00.00	13.92	23.53	0.00	0.00	15654.20	89584.20	-73930
142+50.00	16.38	28.06	0.00	0.00	15682.26	89584.20	-73902
143+00.00	18.85	32.62	0.00	0.00	15714.88	89584.20	-73869
143+50.00	21.35	37.22	0.00	0.00	15752.10	89584.20	-73832
144+00.00	23.88	41.88	0.00	0.00	15793.98	89584.20	-73790
144+50.00	26.43	46.58	0.00	0.00	15840.56	89584.20	-73744
145+00.00	29	51.32	0.00	0.00	15891.89	89584.20	-73692
145+50.00	31.59	56.10	0.00	0.00	15947.99	89584.20	-73636
146+00.00	34.21	60.93	0.00	0.00	16008.92	89584.20	-73575

146+50.00	36.85	65.80	0.00	0.00	16074.71	89584.20	-73510
147+00.00	39.52	70.71	0.00	0.00	16145.43	89584.20	-73439
147+50.00	42.21	75.68	0.00	0.00	16221.10	89584.20	-73363
148+00.00	44.92	80.68	0.00	0.00	16301.78	89584.20	-73283
148+50.00	47.66	85.72	0.00	0.00	16387.50	89584.20	-73197
149+00.00	50.42	90.81	0.00	0.00	16478.31	89584.20	-73106
149+50.00	53.2	95.94	0.00	0.00	16574.26	89584.20	-73010
150+00.00	56.01	101.12	0.00	0.00	16675.38	89584.20	-72909
150+50.00	58.84	106.34	0.00	0.00	16781.72	89584.20	-72803
151+00.00	61.69	111.60	0.00	0.00	16893.32	89584.20	-72691
151+50.00	64.57	116.91	0.00	0.00	17010.23	89584.20	-72574
152+00.00	67.47	122.26	0.00	0.00	17132.49	89584.20	-72452
152+50.00	70.4	127.66	0.00	0.00	17260.15	89584.20	-72324
153+00.00	73.84	133.56	0.00	0.00	17393.70	89584.20	-72191
153+50.00	72.66	135.65	0.00	0.00	17529.35	89584.20	-72055
154+00.00	72.9	134.78	0.00	0.00	17664.13	89584.20	-71920
154+50.00	70.01	132.32	0.00	0.00	17796.45	89584.20	-71788
155+00.00	67.24	127.08	0.00	0.00	17923.54	89584.20	-71661
155+50.00	67.87	125.10	0.00	0.00	18048.64	89584.20	-71536
156+00.00	66.14	124.08	0.00	0.00	18172.72	89584.20	-71412
156+50.00	66.34	122.67	0.00	0.00	18295.39	89584.20	-71289
157+00.00	67.52	123.94	0.00	0.00	18419.33	89584.20	-71165
157+50.00	69.17	126.56	0.00	0.00	18545.90	89584.20	-71038
158+00.00	72.35	131.04	0.00	0.00	18676.94	89584.20	-70907
158+50.00	74.26	135.75	0.00	0.00	18812.69	89584.20	-70772
159+00.00	76.6	139.69	0.00	0.00	18952.37	89584.20	-70632
159+50.00	80.19	145.18	0.00	0.00	19097.55	89584.20	-70487
160+00.00	84.14	152.16	0.00	0.00	19249.70	89584.20	-70335
160+50.00	86.24	157.76	0.00	0.00	19407.46	89584.20	-70177
161+00.00	84.71	158.29	0.00	0.00	19565.75	89584.20	-70019
161+50.00	83.2	155.47	0.00	0.00	19721.22	89584.20	-69863
162+00.00	81.69	152.68	0.00	0.00	19873.90	89584.20	-69710
162+50.00	80.18	149.88	0.00	0.00	20023.78	89584.20	-69561
163+00.00	78.5	146.93	0.00	0.00	20170.70	89584.20	-69414
163+50.00	76.45	143.47	0.00	0.00	20314.18	89584.20	-69270
164+00.00	74.04	139.34	0.00	0.00	20453.52	89584.20	-69131
164+50.00	71.27	134.55	0.00	0.00	20588.06	89584.20	-68996
165+00.00	68.17	129.11	0.00	0.00	20717.18	89584.20	-68867
165+50.00	64.73	123.06	0.00	0.00	20840.23	89584.20	-68744
166+00.00	60.97	116.39	0.00	0.00	20956.62	89584.20	-68628
166+50.00	56.91	109.15	0.00	0.00	21065.77	89584.20	-68519
167+00.00	52.57	101.37	0.00	0.00	21167.14	89584.20	-68417
167+50.00	47.61	92.76	0.00	0.00	21259.90	89584.20	-68324
168+00.00	37.5	78.81	0.00	0.00	21338.70	89584.20	-68246
168+50.00	26.74	59.48	0.00	0.00	21398.19	89584.20	-68186
169+00.00	15.45	39.06	0.00	0.00	21437.25	89584.20	-68147
169+50.00	0.94	15.18	1.69	1.56	21452.43	89585.77	-68133
170+00.00	0	0.87	36.58	35.44	21453.30	89621.20	-68168
170+50.00	0	0.00	80.61	108.51	21453.30	89729.71	-68277
171+00.00	0	0.00	133.23	198.00	21453.30	89927.71	-68475
171+50.00	0	0.00	194.20	303.18	21453.30	90230.89	-68778
172+00.00	0	0.00	263.29	423.60	21453.30	90654.49	-69201

172+50.00	0	0.00	340.11	558.70	21453.30	91213.19	-69760
173+00.00	0	0.00	414.36	698.58	21453.30	91911.78	-70459
173+50.00	0	0.00	422.85	775.19	21453.30	92686.97	-71234
174+00.00	0	0.00	406.96	768.34	21453.30	93455.31	-72002
174+50.00	0	0.00	372.50	721.72	21453.30	94177.04	-72724
175+00.00	0	0.00	376.82	693.81	21453.30	94870.85	-73418
175+50.00	0	0.00	381.79	702.42	21453.30	95573.27	-74120
176+00.00	0	0.00	394.25	718.56	21453.30	96291.82	-74839
176+50.00	0	0.00	344.16	683.71	21453.30	96975.54	-75522
177+00.00	0	0.00	311.91	607.47	21453.30	97583.01	-76130
177+50.00	0	0.00	280.85	548.85	21453.30	98131.86	-76679
178+00.00	0	0.00	241.54	483.69	21453.30	98615.56	-77162
178+50.00	0	0.00	204.69	413.18	21453.30	99028.73	-77576
179+00.00	0	0.00	170.53	347.43	21453.30	99376.16	-77923
179+50.00	0	0.00	138.94	286.55	21453.30	99662.70	-78210
180+00.00	0	0.00	109.86	230.37	21453.30	99893.07	-78440
180+50.00	0	0.00	83.18	178.74	21453.30	100071.81	-78619
181+00.00	0	0.00	58.82	131.48	21453.30	100203.30	-78750
181+50.00	0	0.00	44.29	95.47	21453.30	100298.77	-78846
182+00.00	0	0.00	50.86	88.10	21453.30	100386.87	-78934
182+50.00	0	0.00	57.94	100.74	21453.30	100487.61	-79034
183+00.00	0	0.00	65.56	114.35	21453.30	100601.96	-79149
183+50.00	0	0.00	73.74	128.98	21453.30	100730.94	-79278
184+00.00	0	0.00	82.52	144.69	21453.30	100875.63	-79422
184+50.00	0	0.00	91.94	161.54	21453.30	101037.17	-79584
185+00.00	0	0.00	102.00	179.57	21453.30	101216.74	-79764
185+50.00	0	0.00	112.77	198.86	21453.30	101415.60	-79962
186+00.00	0	0.00	124.25	219.46	21453.30	101635.06	-80182
186+50.00	0	0.00	132.53	237.76	21453.30	101872.82	-80420
187+00.00	0	0.00	123.64	237.19	21453.30	102110.02	-80657
187+50.00	0	0.00	112.16	218.33	21453.30	102328.35	-80875
188+00.00	0	0.00	99.07	195.58	21453.30	102523.94	-81071
188+50.00	0	0.00	84.83	170.28	21453.30	102694.21	-81241
189+00.00	0	0.00	71.67	144.91	21453.30	102839.12	-81386
189+50.00	0	0.00	59.52	121.47	21453.30	102960.59	-81507
190+00.00	0	0.00	48.17	99.71	21453.30	103060.31	-81607
190+50.00	0	0.00	37.37	79.20	21453.30	103139.51	-81686
191+00.00	0	0.00	27.02	59.62	21453.30	103199.13	-81746
191+50.00	0	0.00	17.14	40.89	21453.30	103240.02	-81787
192+00.00	0	0.00	8.07	23.34	21453.30	103263.36	-81810
192+50.00	1.97	1.82	0.00	7.47	21455.12	103270.83	-81816
193+00.00	12.33	13.24	0.00	0.00	21468.36	103270.83	-81803
193+50.00	23.76	33.42	0.00	0.00	21501.78	103270.83	-81769
194+00.00	27.68	47.63	0.00	0.00	21549.41	103270.83	-81722
194+50.00	26.69	50.34	0.00	0.00	21599.75	103270.83	-81671
195+00.00	25.7	48.51	0.00	0.00	21648.26	103270.83	-81623
195+50.00	24.71	46.68	0.00	0.00	21694.94	103270.83	-81576
196+00.00	23.72	44.84	0.00	0.00	21739.78	103270.83	-81531
196+50.00	22.73	43.01	0.00	0.00	21782.79	103270.83	-81488
197+00.00	21.74	41.18	0.00	0.00	21823.96	103270.83	-81447
197+50.00	20.75	39.34	0.00	0.00	21863.31	103270.83	-81408
198+00.00	19.73	37.48	0.00	0.00	21900.79	103270.83	-81370

198+50.00	18.67	35.56	0.00	0.00	21936.34	103270.83	-81335
199+00.00	17.56	33.55	0.00	0.00	21969.89	103270.83	-81301
199+50.00	16.36	31.41	0.00	0.00	22001.30	103270.83	-81270
200+00.00	15.06	29.09	0.00	0.00	22030.39	103270.83	-81241
200+50.00	13.67	26.60	0.00	0.00	22056.99	103270.83	-81214
201+00.00	12.18	23.94	0.00	0.00	22080.93	103270.83	-81190
201+50.00	10.58	21.07	0.00	0.00	22102.00	103270.83	-81169
202+00.00	8.94	18.07	0.00	0.00	22120.07	103270.83	-81151
202+50.00	7.47	15.19	0.00	0.00	22135.27	103270.83	-81136
203+00.00	6.77	13.19	0.00	0.00	22148.45	103270.83	-81123
203+50.00	6.5	12.29	0.00	0.00	22160.74	103270.83	-81110
204+00.00	6.29	11.84	0.00	0.00	22172.58	103270.83	-81098
204+50.00	5.54	10.95	0.00	0.00	22183.54	103270.83	-81087
205+00.00	4.14	8.96	0.00	0.00	22192.50	103270.83	-81078
205+50.00	3.02	6.63	0.00	0.00	22199.13	103270.83	-81072
206+00.00	2.89	5.47	0.00	0.00	22204.60	103270.83	-81066
206+50.00	5.2	7.49	0.00	0.00	22212.09	103270.83	-81059
207+00.00	8.08	12.30	0.00	0.00	22224.39	103270.83	-81047
207+50.00	11.52	18.15	0.00	0.00	22242.54	103270.83	-81028
208+00.00	15.62	25.13	0.00	0.00	22267.67	103270.83	-81003
208+50.00	20.07	33.05	0.00	0.00	22300.71	103270.83	-80970
209+00.00	25.55	42.24	0.00	0.00	22342.95	103270.83	-80928
209+50.00	27.96	49.55	0.00	0.00	22392.50	103270.83	-80879
210+00.00	23.78	47.91	0.00	0.00	22440.41	103270.83	-80831
210+50.00	20.16	40.69	0.00	0.00	22481.09	103270.83	-80790
211+00.00	17.08	34.48	0.00	0.00	22515.57	103270.83	-80755
211+50.00	14.53	29.27	0.00	0.00	22544.84	103270.83	-80726
212+00.00	12.48	25.01	0.00	0.00	22569.85	103270.83	-80701
212+50.00	10.93	21.68	0.00	0.00	22591.53	103270.83	-80679
213+00.00	9.86	19.25	0.00	0.00	22610.78	103270.83	-80660
213+50.00	9.27	17.71	0.00	0.00	22628.49	103270.83	-80643
214+00.00	9.14	17.05	0.00	0.00	22645.54	103270.83	-80625
214+50.00	9.13	16.92	0.00	0.00	22662.45	103270.83	-80609
215+00.00	9.11	16.89	0.00	0.00	22679.34	103270.83	-80592
215+50.00	9.1	16.86	0.00	0.00	22696.20	103270.83	-80575
216+00.00	9.08	16.83	0.00	0.00	22713.04	103270.83	-80558
216+50.00	9.07	16.81	0.00	0.00	22729.84	103270.83	-80541
217+00.00	9.05	16.78	0.00	0.00	22746.62	103270.83	-80524
217+50.00	9.04	16.75	0.00	0.00	22763.37	103270.83	-80508
218+00.00	9.02	16.72	0.00	0.00	22780.09	103270.83	-80491
218+50.00	9.01	16.69	0.00	0.00	22796.79	103270.83	-80474
219+00.00	8.99	16.67	0.00	0.00	22813.45	103270.83	-80458
219+50.00	8.98	16.64	0.00	0.00	22830.09	103270.83	-80441
220+00.00	8.96	16.61	0.00	0.00	22846.70	103270.83	-80424
220+50.00	8.95	16.58	0.00	0.00	22863.29	103270.83	-80408
221+00.00	8.93	16.56	0.00	0.00	22879.84	103270.83	-80391
221+50.00	8.92	16.53	0.00	0.00	22896.37	103270.83	-80375
222+00.00	8.9	16.50	0.00	0.00	22912.87	103270.83	-80358
222+50.00	8.89	16.47	0.00	0.00	22929.34	103270.83	-80342
223+00.00	8.87	16.44	0.00	0.00	22945.79	103270.83	-80325
223+50.00	8.86	16.42	0.00	0.00	22962.20	103270.83	-80309
224+00.00	8.84	16.39	0.00	0.00	22978.59	103270.83	-80292

224+50.00	8.83	16.36	0.00	0.00	22994.95	103270.83	-80276
225+00.00	8.81	16.33	0.00	0.00	23011.29	103270.83	-80260
225+50.00	8.8	16.31	0.00	0.00	23027.59	103270.83	-80243
226+00.00	8.78	16.28	0.00	0.00	23043.87	103270.83	-80227
226+50.00	8.77	16.25	0.00	0.00	23060.12	103270.83	-80211
227+00.00	8.75	16.22	0.00	0.00	23076.34	103270.83	-80195
227+50.00	8.74	16.19	0.00	0.00	23092.54	103270.83	-80178
228+00.00	8.72	16.17	0.00	0.00	23108.70	103270.83	-80162
228+50.00	8.71	16.14	0.00	0.00	23124.84	103270.83	-80146
229+00.00	8.69	16.11	0.00	0.00	23140.95	103270.83	-80130
229+50.00	8.68	16.08	0.00	0.00	23157.04	103270.83	-80114
230+00.00	8.66	16.06	0.00	0.00	23173.09	103270.83	-80098
230+50.00	8.65	16.03	0.00	0.00	23189.12	103270.83	-80082
231+00.00	8.63	16.00	0.00	0.00	23205.12	103270.83	-80066
231+50.00	8.62	15.97	0.00	0.00	23221.09	103270.83	-80050
232+00.00	8.6	15.94	0.00	0.00	23237.04	103270.83	-80034
232+50.00	8.59	15.92	0.00	0.00	23252.95	103270.83	-80018
233+00.00	8.57	15.89	0.00	0.00	23268.84	103270.83	-80002
233+50.00	8.56	15.86	0.00	0.00	23284.70	103270.83	-79986
234+00.00	8.54	15.83	0.00	0.00	23300.54	103270.83	-79970
234+50.00	10.09	17.25	0.00	0.00	23317.79	103270.83	-79953
235+00.00	35.27	42.00	0.00	0.00	23359.79	103270.83	-79911
235+50.00	60.99	89.13	0.00	0.00	23448.92	103270.83	-79822
236+00.00	81.75	132.17	0.00	0.00	23581.08	103270.83	-79690
236+50.00	104.2	172.18	0.00	0.00	23753.26	103270.83	-79518
237+00.00	120.78	208.31	0.00	0.00	23961.57	103270.83	-79309
237+50.00	138.25	239.84	0.00	0.00	24201.42	103270.83	-79070
238+00.00	181.32	295.90	0.00	0.00	24497.31	103270.83	-78774
238+50.00	215.15	367.10	0.00	0.00	24864.42	103270.83	-78407
239+00.00	247.29	428.19	0.00	0.00	25292.60	103270.83	-77978
239+50.00	280.93	489.09	0.00	0.00	25781.69	103270.83	-77489
240+00.00	316.06	552.77	0.00	0.00	26334.46	103270.83	-76936
240+50.00	352.7	619.22	0.00	0.00	26953.69	103270.83	-76317
241+00.00	390.85	688.47	0.00	0.00	27642.16	103270.83	-75629
241+50.00	424.44	754.90	0.00	0.00	28397.06	103270.83	-74874
242+00.00	427.55	788.88	0.00	0.00	29185.94	103270.83	-74085
242+50.00	395.33	761.93	0.00	0.00	29947.86	103270.83	-73323
243+00.00	350.11	690.22	0.00	0.00	30638.08	103270.83	-72633
243+50.00	306.99	608.43	0.00	0.00	31246.51	103270.83	-72024
244+00.00	265.98	530.53	0.00	0.00	31777.04	103270.83	-71494
244+50.00	227.08	456.54	0.00	0.00	32233.57	103270.83	-71037
245+00.00	190.28	386.44	0.00	0.00	32620.02	103270.83	-70651
245+50.00	155.6	320.26	0.00	0.00	32940.28	103270.83	-70331
246+00.00	123.02	257.98	0.00	0.00	33198.26	103270.83	-70073
246+50.00	92.55	199.60	0.00	0.00	33397.86	103270.83	-69873
247+00.00	64.2	145.14	0.00	0.00	33543.00	103270.83	-69728
247+50.00	38.3	94.91	0.00	0.00	33637.91	103270.83	-69633
248+00.00	12.71	47.23	0.00	0.00	33685.14	103270.83	-69586
248+50.00	0	11.77	32.41	30.01	33696.91	103300.84	-69604
249+00.00	0	0.00	97.73	120.50	33696.91	103421.34	-69725
249+50.00	0	0.00	172.09	249.83	33696.91	103671.18	-69974
250+00.00	0	0.00	254.77	395.24	33696.91	104066.42	-70370

250+50.00	0	0.00	324.90	536.73	33696.91	104603.15	-70906
251+00.00	0	0.00	322.23	599.19	33696.91	105202.34	-71506
251+50.00	0	0.00	271.60	549.84	33696.91	105752.19	-72055
252+00.00	0	0.00	211.16	447.00	33696.91	106199.19	-72502
252+50.00	0	0.00	173.88	356.52	33696.91	106555.70	-72859
253+00.00	0	0.00	181.77	329.31	33696.91	106885.01	-73188
253+50.00	0	0.00	202.44	355.75	33696.91	107240.76	-73544
254+00.00	0	0.00	215.60	387.07	33696.91	107627.83	-73931
254+50.00	0	0.00	212.48	396.37	33696.91	108024.20	-74327
255+00.00	0	0.00	162.78	347.46	33696.91	108371.67	-74675
255+50.00	0	0.00	84.00	228.50	33696.91	108600.17	-74903
256+00.00	13.34	12.35	10.58	87.57	33709.26	108687.74	-74979
256+50.00	107.74	112.11	0.00	9.80	33821.37	108697.54	-74876
257+00.00	209.1	293.37	0.00	0.00	34114.74	108697.54	-74583
257+50.00	300.06	471.44	0.00	0.00	34586.19	108697.54	-74112
258+00.00	370.43	620.82	0.00	0.00	35207.01	108697.54	-73491
258+50.00	420.33	732.19	0.00	0.00	35939.19	108697.54	-72759
259+00.00	460.66	815.73	0.00	0.00	36754.93	108697.54	-71943
259+50.00	503.33	892.58	0.00	0.00	37647.51	108697.54	-71050
260+00.00	569.3	993.18	0.00	0.00	38640.69	108697.54	-70057
260+50.00	651.69	1130.55	0.00	0.00	39771.23	108697.54	-68926
261+00.00	728.27	1277.74	0.00	0.00	41048.97	108697.54	-67649
261+50.00	779.91	1396.46	0.00	0.00	42445.44	108697.54	-66252
262+00.00	784.02	1448.08	0.00	0.00	43893.52	108697.54	-64804
262+50.00	732.87	1404.53	0.00	0.00	45298.05	108697.54	-63400
263+00.00	623.57	1255.96	0.00	0.00	46554.01	108697.54	-62144
263+50.00	483.94	1025.47	0.00	0.00	47579.48	108697.54	-61118
264+00.00	390.72	809.87	0.00	0.00	48389.35	108697.54	-60308
264+50.00	310.33	649.12	0.00	0.00	49038.47	108697.54	-59659
265+00.00	218.02	489.21	0.00	0.00	49527.69	108697.54	-59170
265+50.00	105.51	299.56	0.00	0.00	49827.25	108697.54	-58870
266+00.00	0.28	97.95	29.46	27.28	49925.20	108724.81	-58800
266+50.00	0	0.26	200.85	213.25	49925.46	108938.06	-59013
267+00.00	0	0.00	340.29	501.06	49925.46	109439.12	-59514
267+50.00	0	0.00	501.32	779.27	49925.46	110218.39	-60293
268+00.00	0	0.00	705.85	1117.75	49925.46	111336.14	-61411
268+50.00	0	0.00	999.14	1578.69	49925.46	112914.83	-62990
269+00.00	0	0.00	1364.63	2188.68	49925.46	115103.51	-65178
269+50.00	0	0.00	1705.48	2842.69	49925.46	117946.20	-68021
270+00.00	0	0.00	1989.43	3421.21	49925.46	121367.42	-71442
270+50.00	0	0.00	2266.26	3940.45	49925.46	125307.87	-75383
271+00.00	0	0.00	2481.62	4396.19	49925.46	129704.06	-79779
271+50.00	0	0.00	2562.21	4670.21	49925.46	134374.27	-84449
272+00.00	0	0.00	2526.89	4712.13	49925.46	139086.40	-89161
272+50.00	0	0.00	2455.12	4612.97	49925.46	143699.37	-93774
273+00.00	0	0.00	2384.35	4480.99	49925.46	148180.36	-98255
273+50.00	0	0.00	2314.58	4350.86	49925.46	152531.22	-102606
274+00.00	0	0.00	2245.81	4222.58	49925.46	156753.81	-106829
274+50.00	0	0.00	2178.05	4096.17	49925.46	160849.97	-110925
275+00.00	0	0.00	2111.14	3971.47	49925.46	164821.44	-114896
275+50.00	0	0.00	1976.64	3784.98	49925.46	168606.43	-118681
276+00.00	0	0.00	1831.50	3526.06	49925.46	172132.48	-122207

276+50.00	0	0.00	1343.35	2939.68	49925.46	175072.16	-125147
277+00.00	0	0.00	776.66	1962.97	49925.46	177035.13	-127110
277+50.00	0	0.00	393.82	1083.78	49925.46	178118.91	-128194
278+00.00	0	0.00	123.85	479.32	49925.46	178598.23	-128673
278+50.00	34.34	31.80	0.00	114.68	49957.26	178712.91	-128756
279+00.00	195.74	213.04	0.00	0.00	50170.30	178712.91	-128543
279+50.00	462.83	609.79	0.00	0.00	50780.08	178712.91	-127933
280+00.00	798.4	1167.81	0.00	0.00	51947.89	178712.91	-126765
280+50.00	1084.6	1743.52	0.00	0.00	53691.41	178712.91	-125022
281+00.00	1296.91	2205.10	0.00	0.00	55896.51	178712.91	-122817
281+50.00	1458.61	2551.41	0.00	0.00	58447.92	178712.91	-120265
282+00.00	1593.67	2826.19	0.00	0.00	61274.10	178712.91	-117439
282+50.00	1716.98	3065.42	0.00	0.00	64339.52	178712.91	-114374
283+00.00	1764.26	3223.37	0.00	0.00	67562.89	178712.91	-111150
283+50.00	1690.99	3199.31	0.00	0.00	70762.19	178712.91	-107951
284+00.00	1539.46	2991.16	0.00	0.00	73753.35	178712.91	-104960
284+50.00	1287.24	2617.31	0.00	0.00	76370.67	178712.91	-102342
285+00.00	1047.42	2161.72	0.00	0.00	78532.39	178712.91	-100181
285+50.00	919.07	1820.82	0.00	0.00	80353.21	178712.91	-98360
286+00.00	861.85	1649.00	0.00	0.00	82002.21	178712.91	-96711
286+50.00	807.67	1545.85	0.00	0.00	83548.06	178712.91	-95165
287+00.00	698.64	1394.73	0.00	0.00	84942.80	178712.91	-93770
287+50.00	509.17	1118.34	0.00	0.00	86061.14	178712.91	-92652
288+00.00	236.51	690.44	0.00	0.00	86751.58	178712.91	-91962
288+50.00	27.14	244.12	3.27	3.03	86995.70	178715.94	-91720
289+00.00	0	25.13	157.82	149.16	87020.83	178865.09	-91844
289+50.00	0	0.00	325.96	447.94	87020.83	179313.04	-92292
290+00.00	0	0.00	454.16	722.33	87020.83	180035.37	-93015
290+50.00	0	0.00	550.75	930.47	87020.83	180965.84	-93945
291+00.00	0	0.00	678.35	1138.06	87020.83	182103.90	-95083
291+50.00	0	0.00	861.40	1425.69	87020.83	183529.59	-96509
292+00.00	0	0.00	1075.65	1793.56	87020.83	185323.16	-98303
292+50.00	0	0.00	1320.96	2219.08	87020.83	187542.24	-100522
293+00.00	0	0.00	1539.60	2648.67	87020.83	190190.91	-103170
293+50.00	0	0.00	1701.16	3000.70	87020.83	193191.61	-106171
294+00.00	0	0.00	1673.72	3124.89	87020.83	196316.50	-109296
294+50.00	0	0.00	1555.39	2989.92	87020.83	199306.42	-112286
295+00.00	0	0.00	1406.91	2742.87	87020.83	202049.29	-115029
295+50.00	0	0.00	1325.90	2530.38	87020.83	204579.67	-117559
296+00.00	0	0.00	1333.72	2462.61	87020.83	207042.28	-120022
296+50.00	0	0.00	1360.46	2494.61	87020.83	209536.89	-122516
297+00.00	0	0.00	1390.73	2547.40	87020.83	212084.29	-125064
297+50.00	0	0.00	1400.48	2584.45	87020.83	214668.74	-127648
298+00.00	0	0.00	1401.10	2594.06	87020.83	217262.80	-130242
298+50.00	0	0.00	1366.51	2562.60	87020.83	219825.40	-132805
299+00.00	0	0.00	1335.47	2501.83	87020.83	222327.23	-135307
299+50.00	0	0.00	1374.20	2508.95	87020.83	224836.19	-137816
300+00.00	0	0.00	1474.99	2638.14	87020.83	227474.32	-140454
300+50.00	0	0.00	1620.60	2866.29	87020.83	230340.61	-143320
301+00.00	0	0.00	1796.21	3163.71	87020.83	233504.32	-146484
301+50.00	0	0.00	1985.66	3501.73	87020.83	237006.06	-149985
302+00.00	0	0.00	2081.31	3765.71	87020.83	240771.77	-153751

302+50.00	0	0.00	2011.31	3789.46	87020.83	244561.23	-157541
303+00.00	0	0.00	1772.88	3503.88	87020.83	248065.11	-161045
303+50.00	0	0.00	1481.41	3013.23	87020.83	251078.34	-164058
304+00.00	0	0.00	1213.19	2495.00	87020.83	253573.34	-166553
304+50.00	0	0.00	1035.91	2082.50	87020.83	255655.84	-168635
305+00.00	0	0.00	975.69	1862.59	87020.83	257518.44	-170498
305+50.00	0	0.00	923.91	1758.89	87020.83	259277.32	-172257
306+00.00	0	0.00	871.74	1662.64	87020.83	260939.96	-173919
306+50.00	0	0.00	821.95	1568.23	87020.83	262508.19	-175488
307+00.00	0	0.00	841.36	1540.10	87020.83	264048.30	-177028
307+50.00	0	0.00	904.15	1616.21	87020.83	265664.51	-178644
308+00.00	0	0.00	968.14	1733.60	87020.83	267398.11	-180378
308+50.00	0	0.00	988.19	1811.42	87020.83	269209.53	-182189
309+00.00	0	0.00	991.99	1833.50	87020.83	271043.03	-184022
309+50.00	0	0.00	967.67	1814.50	87020.83	272857.53	-185837
310+00.00	0	0.00	856.06	1688.64	87020.83	274546.17	-187526
310+50.00	0	0.00	749.55	1486.68	87020.83	276032.84	-189012
311+00.00	0	0.00	644.81	1291.07	87020.83	277323.92	-190303
311+50.00	0	0.00	549.10	1105.47	87020.83	278429.39	-191409
312+00.00	0	0.00	462.65	936.81	87020.83	279366.19	-192346
312+50.00	0	0.00	410.74	808.69	87020.83	280174.89	-193154
313+00.00	0	0.00	399.85	750.55	87020.83	280925.44	-193905
313+50.00	0	0.00	417.89	757.17	87020.83	281682.60	-194662
314+00.00	0	0.00	416.45	772.54	87020.83	282455.14	-195435
314+50.00	0	0.00	374.60	732.45	87020.83	283187.59	-196167
315+00.00	0	0.00	318.98	642.20	87020.83	283829.80	-196809
315+50.00	0	0.00	284.31	558.60	87020.83	284388.40	-197368
316+00.00	0	0.00	287.14	529.12	87020.83	284917.52	-197897
316+50.00	0	0.00	332.39	573.64	87020.83	285491.16	-198471
317+00.00	0	0.00	386.84	665.95	87020.83	286157.11	-199137
317+50.00	0	0.00	418.75	745.92	87020.83	286903.03	-199882
318+00.00	0	0.00	410.10	767.45	87020.83	287670.48	-200650
318+50.00	0	0.00	359.47	712.56	87020.83	288383.05	-201362
319+00.00	0	0.00	300.91	611.46	87020.83	288994.51	-201974
319+50.00	0	0.00	257.67	517.20	87020.83	289511.71	-202491
320+00.00	0	0.00	227.72	449.44	87020.83	289961.15	-202941
320+50.00	0	0.00	208.87	404.25	87020.83	290365.40	-203345
321+00.00	0	0.00	191.88	371.06	87020.83	290736.46	-203716
321+50.00	0	0.00	164.21	329.71	87020.83	291066.18	-204046
322+00.00	0	0.00	147.59	288.70	87020.83	291354.88	-204334
322+50.00	0	0.00	140.13	266.41	87020.83	291621.29	-204601
323+00.00	0	0.00	142.04	261.27	87020.83	291882.56	-204862
323+50.00	0	0.00	151.37	271.68	87020.83	292154.23	-205134
324+00.00	0	0.00	162.11	290.26	87020.83	292444.49	-205424
324+50.00	0	0.00	183.47	319.98	87020.83	292764.47	-205744
325+00.00	0	0.00	207.57	362.07	87020.83	293126.55	-206106
325+50.00	0	0.00	229.63	404.81	87020.83	293531.36	-206511
326+00.00	0	0.00	247.15	441.46	87020.83	293972.82	-206952
326+50.00	0	0.00	266.76	475.84	87020.83	294448.67	-207428
327+00.00	0	0.00	291.44	516.85	87020.83	294965.52	-207945
327+50.00	0	0.00	323.28	569.19	87020.83	295534.70	-208514
328+00.00	0	0.00	360.96	633.56	87020.83	296168.26	-209148

328+50.00	0	0.00	408.41	712.38	87020.83	296880.64	-209860
329+00.00	0	0.00	462.73	806.61	87020.83	297687.25	-210667
329+50.00	0	0.00	522.56	912.31	87020.83	298599.56	-211579
330+00.00	0	0.00	597.17	1036.79	87020.83	299636.34	-212616
330+50.00	0	0.00	724.14	1223.44	87020.83	300859.78	-213839
331+00.00	0	0.00	856.36	1463.43	87020.83	302323.20	-215303
331+50.00	0	0.00	994.21	1713.49	87020.83	304036.69	-217016
332+00.00	0	0.00	1134.69	1971.20	87020.83	306007.90	-218987
332+50.00	0	0.00	1186.37	2149.13	87020.83	308157.03	-221136
333+00.00	0	0.00	1039.28	2060.79	87020.83	310217.81	-223197
333+50.00	0	0.00	893.21	1789.34	87020.83	312007.16	-224987
334+00.00	0	0.00	766.91	1537.15	87020.83	313544.31	-226524
334+50.00	0	0.00	647.64	1309.77	87020.83	314854.07	-227833
335+00.00	0	0.00	536.46	1096.39	87020.83	315950.46	-228930
335+50.00	0	0.00	433.62	898.22	87020.83	316848.69	-229828
336+00.00	0	0.00	354.09	729.36	87020.83	317578.05	-230557
336+50.00	0	0.00	310.61	615.46	87020.83	318193.51	-231173
337+00.00	0	0.00	268.71	536.41	87020.83	318729.92	-231709
337+50.00	0	0.00	228.52	460.40	87020.83	319190.31	-232170
338+00.00	0	0.00	190.09	387.60	87020.83	319577.92	-232557
338+50.00	0	0.00	159.44	323.64	87020.83	319901.56	-232881
339+00.00	0	0.00	119.91	258.66	87020.83	320160.21	-233140
339+50.00	0	0.00	90.17	194.52	87020.83	320354.73	-233334
340+00.00	0	0.00	60.45	139.46	87020.83	320494.19	-233474
340+50.00	0	0.00	37.27	90.48	87020.83	320584.68	-233564
341+00.00	0	0.00	19.04	52.14	87020.83	320636.81	-233616
341+50.00	0.81	0.75	3.25	20.64	87021.58	320657.45	-233636
342+00.00	12.91	12.70	0.00	3.01	87034.29	320660.46	-233626
342+50.00	24.88	34.99	0.00	0.00	87069.28	320660.46	-233591
343+00.00	37.67	57.92	0.00	0.00	87127.19	320660.46	-233533
343+50.00	49.71	80.91	0.00	0.00	87208.10	320660.46	-233453
344+00.00	57.14	98.94	0.00	0.00	87307.04	320660.46	-233354
344+50.00	61.62	109.96	0.00	0.00	87417.00	320660.46	-233244
345+00.00	65.08	117.31	0.00	0.00	87534.31	320660.46	-233126
345+50.00	67.24	122.52	0.00	0.00	87656.83	320660.46	-233004
346+00.00	66.2	123.56	0.00	0.00	87780.39	320660.46	-232880
346+50.00	56.77	113.86	0.00	0.00	87894.25	320660.46	-232766
347+00.00	48.44	97.42	0.00	0.00	87991.67	320660.46	-232669
347+50.00	39.4	81.33	0.00	0.00	88073.00	320660.46	-232588
348+00.00	34.66	68.57	0.00	0.00	88141.57	320660.46	-232519
348+50.00	30.53	60.36	0.00	0.00	88201.94	320660.46	-232459
349+00.00	40.56	65.82	0.00	0.00	88267.76	320660.46	-232393
349+50.00	58.07	91.32	0.00	0.00	88359.08	320660.46	-232302
350+00.00	91.62	138.60	0.00	0.00	88497.69	320660.46	-232163
350+50.00	129.2	204.46	0.00	0.00	88702.15	320660.46	-231959
351+00.00	169.34	276.43	0.00	0.00	88978.57	320660.46	-231682
351+50.00	214.43	355.34	0.00	0.00	89333.92	320660.46	-231327
352+00.00	253.99	433.72	0.00	0.00	89767.64	320660.46	-230893
352+50.00	297.11	510.28	0.00	0.00	90277.92	320660.46	-230383
353+00.00	340.2	590.10	0.00	0.00	90868.02	320660.46	-229793
353+50.00	381.93	668.64	0.00	0.00	91536.66	320660.46	-229124
354+00.00	420.34	742.84	0.00	0.00	92279.50	320660.46	-228381

354+50.00	457.26	812.59	0.00	0.00	93092.09	320660.46	-227569
355+00.00	494.55	881.31	0.00	0.00	93973.40	320660.46	-226687
355+50.00	530.99	949.57	0.00	0.00	94922.97	320660.46	-225738
356+00.00	564.97	1014.78	0.00	0.00	95937.75	320660.46	-224723
356+50.00	594.43	1073.52	0.00	0.00	97011.27	320660.46	-223649
357+00.00	619.46	1123.97	0.00	0.00	98135.24	320660.46	-222525
357+50.00	637.19	1163.56	0.00	0.00	99298.81	320660.46	-221362
358+00.00	655.22	1196.68	0.00	0.00	100495.48	320660.46	-220165
358+50.00	672.47	1229.34	0.00	0.00	101724.82	320660.46	-218936
359+00.00	688.12	1259.81	0.00	0.00	102984.63	320660.46	-217676
359+50.00	702.25	1287.38	0.00	0.00	104272.01	320660.46	-216389
360+00.00	714.92	1312.19	0.00	0.00	105584.20	320660.46	-215076
360+50.00	728.07	1336.10	0.00	0.00	106920.31	320660.46	-213740
361+00.00	739.65	1359.00	0.00	0.00	108279.31	320660.46	-212381
361+50.00	747.25	1376.76	0.00	0.00	109656.06	320660.46	-211005
362+00.00	753.98	1390.03	0.00	0.00	111046.09	320660.46	-209615
362+50.00	758.08	1400.06	0.00	0.00	112446.15	320660.46	-208215
363+00.00	761.88	1407.37	0.00	0.00	113853.52	320660.46	-206807
363+50.00	762.47	1411.44	0.00	0.00	115264.95	320660.46	-205396
364+00.00	760.33	1410.00	0.00	0.00	116674.95	320660.46	-203986
364+50.00	754.6	1402.71	0.00	0.00	118077.67	320660.46	-202583
365+00.00	748.68	1391.93	0.00	0.00	119469.59	320660.46	-201191
365+50.00	739.29	1377.75	0.00	0.00	120847.34	320660.46	-199813
366+00.00	728.75	1359.30	0.00	0.00	122206.64	320660.46	-198454
366+50.00	712.85	1334.81	0.00	0.00	123541.45	320660.46	-197119
367+00.00	695.32	1303.86	0.00	0.00	124845.31	320660.46	-195815
367+50.00	676.72	1270.41	0.00	0.00	126115.72	320660.46	-194545
368+00.00	655.72	1233.74	0.00	0.00	127349.46	320660.46	-193311
368+50.00	632.01	1192.34	0.00	0.00	128541.81	320660.46	-192119
369+00.00	605.02	1145.40	0.00	0.00	129687.20	320660.46	-190973
369+50.00	574.63	1092.27	0.00	0.00	130779.47	320660.46	-189881
370+00.00	540.69	1032.70	0.00	0.00	131812.18	320660.46	-188849
370+50.00	502.97	966.35	0.00	0.00	132778.53	320660.46	-187882
371+00.00	465.14	896.40	0.00	0.00	133674.93	320660.46	-186986
371+50.00	427.52	826.54	0.00	0.00	134501.46	320660.46	-186159
372+00.00	389.64	756.63	0.00	0.00	135258.09	320660.46	-185403
372+50.00	350.4	685.22	0.00	0.00	135943.31	320660.46	-184717
373+00.00	308.39	609.99	0.00	0.00	136553.31	320660.46	-184107
373+50.00	266.46	532.27	0.00	0.00	137085.57	320660.46	-183575
374+00.00	225.46	455.48	0.00	0.00	137541.06	320660.46	-183120
374+50.00	185.64	380.65	0.00	0.00	137921.70	320660.46	-182739
375+00.00	154.08	314.56	0.00	0.00	138236.26	320660.46	-182424
375+50.00	150.4	281.93	0.00	0.00	138518.19	320660.46	-182143
376+00.00	150.06	278.20	0.00	0.00	138796.39	320660.46	-181864
376+50.00	150.15	277.97	0.00	0.00	139074.36	320660.46	-181586
377+00.00	149.43	277.39	0.00	0.00	139351.75	320660.46	-181309
377+50.00	147.53	274.96	0.00	0.00	139626.71	320660.46	-181034
378+00.00	145.01	270.87	0.00	0.00	139897.58	320660.46	-180763
378+50.00	140	263.90	0.00	0.00	140161.48	320660.46	-180499
379+00.00	138.54	257.91	0.00	0.00	140419.39	320660.46	-180241
379+50.00	137.37	255.47	0.00	0.00	140674.86	320660.46	-179986
380+00.00	135.77	252.91	0.00	0.00	140927.77	320660.46	-179733

380+50.00	133.71	249.52	0.00	0.00	141177.29	320660.46	-179483
381+00.00	131.22	245.31	0.00	0.00	141422.59	320660.46	-179238
381+50.00	128.29	240.29	0.00	0.00	141662.88	320660.46	-178998
382+00.00	124.83	234.37	0.00	0.00	141897.25	320660.46	-178763
382+50.00	114.79	221.87	0.00	0.00	142119.12	320660.46	-178542
383+00.00	103.99	202.57	0.00	0.00	142321.69	320660.46	-178339
383+50.00	93.26	182.64	0.00	0.00	142504.33	320660.46	-178156
384+00.00	81.85	162.14	0.00	0.00	142666.47	320660.46	-177994
384+50.00	69.88	140.49	0.00	0.00	142806.96	320660.46	-177854
385+00.00	56.99	117.47	0.00	0.00	142924.44	320660.46	-177736
385+50.00	44.3	93.79	0.00	0.00	143018.22	320660.46	-177642
386+00.00	31.83	70.49	0.00	0.00	143088.71	320660.46	-177572
386+50.00	22.63	50.43	0.00	0.00	143139.14	320660.46	-177522
387+00.00	17.68	37.32	0.00	0.00	143176.46	320660.46	-177484
387+50.00	12.82	28.24	0.00	0.00	143204.70	320660.46	-177456
388+00.00	8.06	19.33	0.00	0.00	143224.04	320660.46	-177437
388+50.00	3.39	10.60	0.00	0.00	143234.64	320660.46	-177426
389+00.00	0	3.14	1.19	1.10	143237.78	320661.56	-177424
389+50.00	0	0.00	5.85	6.52	143237.78	320668.08	-177431
390+00.00	0	0.00	7.78	12.62	143237.78	320680.70	-177443
390+50.00	0	0.00	4.74	11.59	143237.78	320692.30	-177455
391+00.00	0	0.00	1.76	6.02	143237.78	320698.31	-177461
391+50.00	1.19	1.10	0.00	1.63	143238.88	320699.94	-177461
392+00.00	4.16	4.95	0.00	0.00	143243.83	320699.94	-177456
392+50.00	7.17	10.49	0.00	0.00	143254.32	320699.94	-177446
393+00.00	10.21	16.09	0.00	0.00	143270.42	320699.94	-177430
393+50.00	13.29	21.76	0.00	0.00	143292.18	320699.94	-177408
394+00.00	16.41	27.50	0.00	0.00	143319.68	320699.94	-177381
394+50.00	19.56	33.31	0.00	0.00	143352.98	320699.94	-177347
395+00.00	22.76	39.19	0.00	0.00	143392.17	320699.94	-177308
395+50.00	25.99	45.14	0.00	0.00	143437.31	320699.94	-177263
396+00.00	29.26	51.16	0.00	0.00	143488.46	320699.94	-177212
396+50.00	32.57	57.25	0.00	0.00	143545.71	320699.94	-177154
397+00.00	35.92	63.42	0.00	0.00	143609.13	320699.94	-177091
397+50.00	39.31	69.66	0.00	0.00	143678.79	320699.94	-177021
398+00.00	42.73	75.96	0.00	0.00	143754.75	320699.94	-176945
398+50.00	46.19	82.33	0.00	0.00	143837.08	320699.94	-176863
399+00.00	49.69	88.78	0.00	0.00	143925.86	320699.94	-176774
399+50.00	53.23	95.30	0.00	0.00	144021.16	320699.94	-176679
400+00.00	56.81	101.89	0.00	0.00	144123.05	320699.94	-176577
400+50.00	60.42	108.55	0.00	0.00	144231.59	320699.94	-176469
401+00.00	64.07	115.27	0.00	0.00	144346.86	320699.94	-176353
401+50.00	67.76	122.06	0.00	0.00	144468.93	320699.94	-176231
402+00.00	71.49	128.94	0.00	0.00	144597.86	320699.94	-176102
402+50.00	75.26	135.88	0.00	0.00	144733.74	320699.94	-175966
403+00.00	79.07	142.90	0.00	0.00	144876.64	320699.94	-175824
403+50.00	77.72	145.18	0.00	0.00	145021.81	320699.94	-175678
404+00.00	74.69	141.12	0.00	0.00	145162.94	320699.94	-175537
404+50.00	71.82	135.66	0.00	0.00	145298.59	320699.94	-175402
405+00.00	67.48	128.98	0.00	0.00	145427.57	320699.94	-175273
405+50.00	59.65	117.71	0.00	0.00	145545.29	320699.94	-175155
406+00.00	52	103.38	0.00	0.00	145648.67	320699.94	-175051

406+50.00	44.52	89.37	0.00	0.00	145738.04	320699.94	-174962
407+00.00	40.54	78.76	0.00	0.00	145816.80	320699.94	-174883
407+50.00	37.09	71.88	0.00	0.00	145888.68	320699.94	-174812
408+00.00	33.98	65.81	0.00	0.00	145954.48	320699.94	-174746
408+50.00	28.72	58.06	0.00	0.00	146012.54	320699.94	-174688
409+00.00	23	47.89	0.00	0.00	146060.43	320699.94	-174640
409+50.00	18.32	38.26	0.00	0.00	146098.69	320699.94	-174601
410+00.00	13.4	29.37	0.00	0.00	146128.06	320699.94	-174572
410+50.00	8.54	20.31	0.00	0.00	146148.37	320699.94	-174552
411+00.00	3.82	11.44	0.00	0.00	146159.81	320699.94	-174540
411+50.00	0.38	3.89	0.68	0.63	146163.70	320700.57	-174537
412+00.00	0	0.35	4.44	4.74	146164.06	320705.31	-174541
412+50.00	0	0.00	8.67	12.14	146164.06	320717.45	-174554
413+00.00	0	0.00	13.00	20.06	146164.06	320737.52	-174574
413+50.00	0	0.00	17.32	28.07	146164.06	320765.59	-174602
414+00.00	0	0.00	20.42	34.94	146164.06	320800.54	-174637
414+50.00	0	0.00	24.62	41.70	146164.06	320842.24	-174678
415+00.00	0	0.00	32.56	52.94	146164.06	320895.19	-174731
415+50.00	0	0.00	39.20	66.44	146164.06	320961.63	-174798
416+00.00	0	0.00	41.53	74.75	146164.06	321036.38	-174873
416+50.00	0	0.00	44.60	79.75	146164.06	321116.13	-174952
417+00.00	0	0.00	47.81	85.56	146164.06	321201.69	-175038
417+50.00	0	0.00	49.72	90.31	146164.06	321292.00	-175128
418+00.00	0	0.00	52.85	94.97	146164.06	321386.97	-175223
418+50.00	0	0.00	56.51	101.26	146164.06	321488.23	-175324
419+00.00	0	0.00	58.87	106.83	146164.06	321595.06	-175431
419+50.00	0	0.00	60.98	110.97	146164.06	321706.04	-175542
420+00.00	0	0.00	63.44	115.20	146164.06	321821.24	-175657
420+50.00	0	0.00	65.95	119.81	146164.06	321941.05	-175777
421+00.00	0	0.00	68.54	124.53	146164.06	322065.57	-175902
421+50.00	0	0.00	69.66	127.96	146164.06	322193.54	-176030
422+00.00	0	0.00	71.29	130.51	146164.06	322324.05	-176160
422+50.00	0	0.00	72.44	133.08	146164.06	322457.13	-176293
423+00.00	0	0.00	78.11	139.40	146164.06	322596.53	-176433
423+50.00	0	0.00	92.82	158.27	146164.06	322754.80	-176591
424+00.00	0	0.00	108.17	186.10	146164.06	322940.90	-176777
424+50.00	0	0.00	124.15	215.11	146164.06	323156.01	-176992
425+00.00	0	0.00	140.77	245.30	146164.06	323401.31	-177237
425+50.00	0	0.00	160.02	278.51	146164.06	323679.81	-177516
426+00.00	0	0.00	185.80	320.20	146164.06	324000.02	-177836
426+50.00	0	0.00	201.55	358.66	146164.06	324358.68	-178195
427+00.00	0	0.00	231.46	400.94	146164.06	324759.61	-178596
427+50.00	0	0.00	268.69	463.10	146164.06	325222.71	-179059
428+00.00	0	0.00	307.16	533.19	146164.06	325755.91	-179592
428+50.00	0	0.00	352.12	610.44	146164.06	326366.35	-180202
429+00.00	0	0.00	414.64	709.96	146164.06	327076.31	-180912
429+50.00	0	0.00	474.10	822.91	146164.06	327899.22	-181735
430+00.00	0	0.00	467.40	871.76	146164.06	328770.98	-182607
430+50.00	0	0.00	324.61	733.34	146164.06	329504.32	-183340
431+00.00	0	0.00	202.11	487.70	146164.06	329992.03	-183828
431+50.00	0	0.00	101.10	280.75	146164.06	330272.78	-184109
432+00.00	0	0.00	21.56	113.57	146164.06	330386.35	-184222

432+50.00	0	0.00	6.14	25.65	146164.06	330412.00	-184248
433+00.00	0	0.00	6.14	11.37	146164.06	330423.37	-184259
433+50.00	0	0.00	6.14	11.37	146164.06	330434.74	-184271
434+00.00	0	0.00	6.14	11.37	146164.06	330446.11	-184282
434+50.00	0	0.00	6.14	11.37	146164.06	330457.48	-184294
435+00.00	19.21	17.79	0.00	5.69	146181.84	330463.17	-184281
435+50.00	59.56	72.94	0.00	0.00	146254.78	330463.17	-184209
436+00.00	105.29	152.64	0.00	0.00	146407.42	330463.17	-184056
436+50.00	145.99	232.67	0.00	0.00	146640.08	330463.17	-183823
437+00.00	148.83	272.98	0.00	0.00	146913.06	330463.17	-183550
437+50.00	148.17	275.00	0.00	0.00	147188.06	330463.17	-183275
438+00.00	141.62	268.32	0.00	0.00	147456.39	330463.17	-183007
438+50.00	134.2	255.39	0.00	0.00	147711.78	330463.17	-182752
439+00.00	122.56	237.74	0.00	0.00	147949.52	330463.17	-182514
439+50.00	108.35	213.81	0.00	0.00	148163.32	330463.17	-182300
440+00.00	95.95	189.17	0.00	0.00	148352.49	330463.17	-182111
440+50.00	80.52	163.40	0.00	0.00	148515.89	330463.17	-181947
441+00.00	74.23	143.29	0.00	0.00	148659.18	330463.17	-181804
441+50.00	78.22	141.16	0.00	0.00	148800.33	330463.17	-181663
442+00.00	81.61	147.99	0.00	0.00	148948.32	330463.17	-181515
442+50.00	84.37	153.69	0.00	0.00	149102.01	330463.17	-181361
443+00.00	86.48	158.19	0.00	0.00	149260.20	330463.17	-181203
443+50.00	94.56	167.63	0.00	0.00	149427.83	330463.17	-181036
444+00.00	109	188.48	0.00	0.00	149616.31	330463.17	-180847
444+50.00	124.92	216.59	0.00	0.00	149832.91	330463.17	-180630
445+00.00	143.77	248.79	0.00	0.00	150081.69	330463.17	-180382
445+50.00	164.11	285.07	0.00	0.00	150366.77	330463.17	-180097
446+00.00	181.39	319.91	0.00	0.00	150686.68	330463.17	-179777
446+50.00	201.83	354.83	0.00	0.00	151041.51	330463.17	-179422
447+00.00	218.86	389.53	0.00	0.00	151431.04	330463.17	-179032
447+50.00	234.07	419.38	0.00	0.00	151850.42	330463.17	-178613
448+00.00	241.79	440.61	0.00	0.00	152291.03	330463.17	-178172
448+50.00	232.07	438.76	0.00	0.00	152729.79	330463.17	-177734
449+00.00	225.08	423.29	0.00	0.00	153153.07	330463.17	-177310
449+50.00	201.78	395.24	0.00	0.00	153548.31	330463.17	-176915
450+00.00	164.72	339.35	0.00	0.00	153887.67	330463.17	-176576
450+50.00	126.68	269.81	0.00	0.00	154157.48	330463.17	-176306
451+00.00	85.59	196.55	0.00	0.00	154354.03	330463.17	-176109
451+50.00	43.07	119.13	0.00	0.00	154473.16	330463.17	-175990
452+00.00	8.13	47.41	0.48	0.44	154520.56	330463.61	-175943
452+50.00	0	7.53	30.59	28.77	154528.09	330492.38	-175964
453+00.00	0	0.00	75.81	98.52	154528.09	330590.90	-176063
453+50.00	0	0.00	132.35	192.74	154528.09	330783.64	-176256
454+00.00	0	0.00	199.39	307.17	154528.09	331090.81	-176563
454+50.00	0	0.00	237.20	404.25	154528.09	331495.06	-176967
455+00.00	0	0.00	254.07	454.88	154528.09	331949.94	-177422
455+50.00	0	0.00	271.38	486.53	154528.09	332436.46	-177909
456+00.00	0	0.00	286.32	516.39	154528.09	332952.85	-178425
456+50.00	0	0.00	252.12	498.56	154528.09	333451.41	-178924
457+00.00	0	0.00	213.03	430.69	154528.09	333882.10	-179354
457+50.00	0	0.00	181.88	365.66	154528.09	334247.76	-179720
458+00.00	0	0.00	153.77	310.79	154528.09	334558.55	-180031

458+50.00	0	0.00	116.63	250.37	154528.09	334808.92	-180281
459+00.00	0	0.00	82.44	184.32	154528.09	334993.24	-180465
459+50.00	0	0.00	51.28	123.81	154528.09	335117.06	-180589
460+00.00	0	0.00	23.21	68.97	154528.09	335186.03	-180658
460+50.00	0	0.00	3.23	24.48	154528.09	335210.51	-180683
461+00.00	0	0.00	12.14	14.23	154528.09	335224.74	-180697
461+50.00	0	0.00	21.49	31.14	154528.09	335255.88	-180728
462+00.00	0.29	0.27	5.71	25.19	154528.36	335281.06	-180753
462+50.00	46.15	43.00	0.00	5.29	154571.36	335286.35	-180715
463+00.00	107.87	142.61	0.00	0.00	154713.97	335286.35	-180573
463+50.00	178.09	264.78	0.00	0.00	154978.75	335286.35	-180308
464+00.00	256.61	402.50	0.00	0.00	155381.25	335286.35	-179905
464+50.00	267.35	485.15	0.00	0.00	155866.40	335286.35	-179420
465+00.00	252.2	481.06	0.00	0.00	156347.46	335286.35	-178939
465+50.00	244.16	459.59	0.00	0.00	156807.06	335286.35	-178479
466+00.00	240.41	448.68	0.00	0.00	157255.73	335286.35	-178031
466+50.00	236.67	441.74	0.00	0.00	157697.47	335286.35	-177589
467+00.00	232.95	434.83	0.00	0.00	158132.31	335286.35	-177154
467+50.00	229.25	427.96	0.00	0.00	158560.27	335286.35	-176726
468+00.00	225.57	421.13	0.00	0.00	158981.40	335286.35	-176305
468+50.00	221.99	414.41	0.00	0.00	159395.81	335286.35	-175891
469+00.00	217.06	406.53	0.00	0.00	159802.33	335286.35	-175484
469+50.00	209.78	395.22	0.00	0.00	160197.56	335286.35	-175089
470+00.00	202.08	381.35	0.00	0.00	160578.91	335286.35	-174708
470+50.00	196.2	368.78	0.00	0.00	160947.69	335286.35	-174339
471+00.00	189.04	356.70	0.00	0.00	161304.39	335286.35	-173982
471+50.00	183.23	344.69	0.00	0.00	161649.08	335286.35	-173637
472+00.00	179.98	336.31	0.00	0.00	161985.39	335286.35	-173301
472+50.00	173.81	327.58	0.00	0.00	162312.97	335286.35	-172974
473+00.00	172.44	320.60	0.00	0.00	162633.57	335286.35	-172653
473+50.00	171.26	318.24	0.00	0.00	162951.81	335286.35	-172335
474+00.00	170.08	316.06	0.00	0.00	163267.87	335286.35	-172019
474+50.00	168.91	313.88	0.00	0.00	163581.75	335286.35	-171705
475+00.00	167.73	311.70	0.00	0.00	163893.45	335286.35	-171393
475+50.00	166.56	309.53	0.00	0.00	164202.98	335286.35	-171084
476+00.00	165.4	307.37	0.00	0.00	164510.35	335286.35	-170776
476+50.00	164.23	305.21	0.00	0.00	164815.56	335286.35	-170471
477+00.00	163.07	303.06	0.00	0.00	165118.62	335286.35	-170168
477+50.00	161.91	300.91	0.00	0.00	165419.53	335286.35	-169867
478+00.00	160.75	298.76	0.00	0.00	165718.29	335286.35	-169568
478+50.00	159.6	296.62	0.00	0.00	166014.91	335286.35	-169272
479+00.00	158.45	294.49	0.00	0.00	166309.40	335286.35	-168977
479+50.00	157.3	292.36	0.00	0.00	166601.76	335286.35	-168685
480+00.00	156.15	290.23	0.00	0.00	166891.99	335286.35	-168395
480+50.00	155	288.10	0.00	0.00	167180.09	335286.35	-168106
481+00.00	153.86	285.98	0.00	0.00	167466.07	335286.35	-167820
481+50.00	152.72	283.87	0.00	0.00	167749.94	335286.35	-167537
482+00.00	151.58	281.76	0.00	0.00	168031.70	335286.35	-167255
482+50.00	150.45	279.66	0.00	0.00	168311.36	335286.35	-166975
483+00.00	149.31	277.56	0.00	0.00	168588.92	335286.35	-166698
483+50.00	148.18	275.45	0.00	0.00	168864.37	335286.35	-166422
484+00.00	144.64	271.13	0.00	0.00	169135.50	335286.35	-166151

484+50.00	132.43	256.55	0.00	0.00	169392.05	335286.35	-165894
485+00.00	120	233.73	0.00	0.00	169625.78	335286.35	-165661
485+50.00	107.89	211.01	0.00	0.00	169836.79	335286.35	-165450
486+00.00	96.11	188.89	0.00	0.00	170025.68	335286.35	-165261
486+50.00	84.65	167.37	0.00	0.00	170193.05	335286.35	-165094
487+00.00	73.51	146.44	0.00	0.00	170339.49	335286.35	-164947
487+50.00	62.7	126.12	0.00	0.00	170465.61	335286.35	-164821
488+00.00	52.21	106.40	0.00	0.00	170572.01	335286.35	-164715
488+50.00	42.04	87.27	0.00	0.00	170659.28	335286.35	-164627
489+00.00	32.2	68.74	0.00	0.00	170728.02	335286.35	-164559
489+50.00	22.68	50.81	0.00	0.00	170778.83	335286.35	-164508
490+00.00	13.49	33.49	0.00	0.00	170812.32	335286.35	-164474
490+50.00	9.04	20.86	0.00	0.00	170833.19	335286.35	-164453
491+00.00	8.2	15.96	0.00	0.00	170849.15	335286.35	-164437
491+50.00	7.36	14.41	0.00	0.00	170863.56	335286.35	-164423
492+00.00	6.53	12.86	0.00	0.00	170876.42	335286.35	-164410
492+50.00	5.7	11.32	0.00	0.00	170887.74	335286.35	-164399
493+00.00	4.81	9.73	0.00	0.00	170897.47	335286.35	-164389
493+50.00	3.01	7.24	0.00	0.00	170904.71	335286.35	-164382
494+00.00	1.3	3.99	0.00	0.00	170908.70	335286.35	-164378
494+50.00	0.07	1.27	0.28	0.26	170909.97	335286.61	-164377
495+00.00	0	0.06	1.58	1.72	170910.04	335288.33	-164379
495+50.00	0	0.00	2.91	4.16	170910.04	335292.49	-164383
496+00.00	0	0.00	4.19	6.57	170910.04	335299.06	-164389
496+50.00	0	0.00	5.47	8.94	170910.04	335308.01	-164398
497+00.00	0	0.00	6.78	11.34	170910.04	335319.35	-164410
497+50.00	0	0.00	8.10	13.78	170910.04	335333.13	-164423
498+00.00	0	0.00	9.42	16.22	170910.04	335349.35	-164440
498+50.00	0	0.00	10.76	18.69	170910.04	335368.04	-164458
499+00.00	0	0.00	12.10	21.17	170910.04	335389.20	-164479
499+50.00	0	0.00	13.48	23.69	170910.04	335412.89	-164503
500+00.00	0	0.00	14.90	26.28	170910.04	335439.17	-164529
500+50.00	0	0.00	16.35	28.94	170910.04	335468.10	-164558
501+00.00	0	0.00	17.82	31.64	170910.04	335499.74	-164590
501+50.00	0	0.00	19.26	34.33	170910.04	335534.07	-164624
502+00.00	0	0.00	20.64	36.94	170910.04	335571.02	-164661
502+50.00	0	0.00	22.07	39.55	170910.04	335610.56	-164701
503+00.00	0	0.00	23.62	42.31	170910.04	335652.87	-164743
503+50.00	0	0.00	25.26	45.26	170910.04	335698.13	-164788
504+00.00	0	0.00	26.90	48.30	170910.04	335746.43	-164837
504+50.00	0	0.00	28.56	51.35	170910.04	335797.78	-164888
505+00.00	0	0.00	30.22	54.43	170910.04	335852.20	-164942
505+50.00	0	0.00	31.85	57.47	170910.04	335909.68	-165000
506+00.00	0	0.00	32.55	59.63	170910.04	335969.31	-165059
506+50.00	0	0.00	32.00	59.77	170910.04	336029.07	-165119
507+00.00	0	0.00	30.19	57.58	170910.04	336086.66	-165177
507+50.00	0	0.00	27.17	53.11	170910.04	336139.77	-165230
508+00.00	0	0.00	22.97	46.43	170910.04	336186.19	-165276
508+50.00	0	0.00	2.92	23.97	170910.04	336210.17	-165300
509+00.00	24.92	23.07	0.00	2.70	170933.11	336212.87	-165280
509+50.00	56.9	75.76	0.00	0.00	171008.87	336212.87	-165204
510+00.00	93.12	138.91	0.00	0.00	171147.78	336212.87	-165065

510+50.00	134.84	211.07	0.00	0.00	171358.85	336212.87	-164854
511+00.00	182.29	293.64	0.00	0.00	171652.49	336212.87	-164561
511+50.00	235.75	387.07	0.00	0.00	172039.56	336212.87	-164174
512+00.00	294.72	491.18	0.00	0.00	172530.74	336212.87	-163682
512+50.00	360.16	606.37	0.00	0.00	173137.11	336212.87	-163076
513+00.00	447.67	747.99	0.00	0.00	173885.10	336212.87	-162328
513+50.00	613.01	982.11	0.00	0.00	174867.21	336212.87	-161346
514+00.00	792.19	1301.11	0.00	0.00	176168.32	336212.87	-160045
514+50.00	984.54	1645.12	0.00	0.00	177813.44	336212.87	-158400
515+00.00	1185.46	2009.26	0.00	0.00	179822.70	336212.87	-156390
515+50.00	1427.56	2419.46	0.00	0.00	182242.17	336212.87	-153971
516+00.00	1735.28	2928.56	0.00	0.00	185170.72	336212.87	-151042
516+50.00	2081.99	3534.51	0.00	0.00	188705.23	336212.87	-147508
517+00.00	2423.13	4171.41	0.00	0.00	192876.64	336212.87	-143336
517+50.00	2744.55	4784.89	0.00	0.00	197661.53	336212.87	-138552
518+00.00	2994.6	5314.03	0.00	0.00	202975.56	336212.87	-133238
518+50.00	3168.08	5706.19	0.00	0.00	208681.74	336212.87	-127531
519+00.00	3155.56	5855.22	0.00	0.00	214536.96	336212.87	-121676
519+50.00	2986.93	5687.49	0.00	0.00	220224.45	336212.87	-115989
520+00.00	2733.12	5296.34	0.00	0.00	225520.80	336212.87	-110692
520+50.00	2427.05	4777.94	0.00	0.00	230298.73	336212.87	-105914
521+00.00	2080.22	4173.40	0.00	0.00	234472.13	336212.87	-101741
521+50.00	1778.77	3573.14	0.00	0.00	238045.27	336212.87	-98168
522+00.00	1532.92	3066.38	0.00	0.00	241111.65	336212.87	-95101
522+50.00	1267.27	2592.77	0.00	0.00	243704.42	336212.87	-92509
523+00.00	1062.17	2156.89	0.00	0.00	245861.31	336212.87	-90352
523+50.00	993.66	1903.55	0.00	0.00	247764.85	336212.87	-88448
524+00.00	924.4	1775.98	0.00	0.00	249540.83	336212.87	-86672
524+50.00	854.75	1647.36	0.00	0.00	251188.19	336212.87	-85025
525+00.00	783.92	1517.29	0.00	0.00	252705.48	336212.87	-83508
525+50.00	713.22	1386.24	0.00	0.00	254091.72	336212.87	-82121
526+00.00	640.27	1253.23	0.00	0.00	255344.95	336212.87	-80868
526+50.00	574.19	1124.50	0.00	0.00	256469.45	336212.87	-79744
527+00.00	522.08	1015.06	0.00	0.00	257484.52	336212.87	-78729
527+50.00	472.04	920.48	0.00	0.00	258405.00	336212.87	-77808
528+00.00	424.09	829.75	0.00	0.00	259234.75	336212.87	-76978
528+50.00	378.29	742.94	0.00	0.00	259977.69	336212.87	-76235
529+00.00	334.55	660.04	0.00	0.00	260637.73	336212.87	-75575
529+50.00	292.83	580.91	0.00	0.00	261218.64	336212.87	-74994
530+00.00	253.17	505.56	0.00	0.00	261724.19	336212.87	-74489
530+50.00	215.14	433.62	0.00	0.00	262157.81	336212.87	-74055
531+00.00	179.34	365.26	0.00	0.00	262523.07	336212.87	-73690
531+50.00	145.83	301.08	0.00	0.00	262824.16	336212.87	-73389
532+00.00	114.53	241.07	0.00	0.00	263065.23	336212.87	-73148
532+50.00	85.42	185.14	0.00	0.00	263250.37	336212.87	-72963
533+00.00	58.54	133.30	0.00	0.00	263383.67	336212.87	-72829
533+50.00	34.01	85.69	0.00	0.00	263469.36	336212.87	-72744
534+00.00	10.28	41.01	0.00	0.00	263510.37	336212.87	-72703
534+50.00	0	9.52	16.68	15.44	263519.89	336228.31	-72709
535+00.00	0	0.00	46.26	58.28	263519.89	336286.59	-72767
535+50.00	0	0.00	79.01	115.99	263519.89	336402.58	-72883
536+00.00	0	0.00	115.54	180.14	263519.89	336582.72	-73063

536+50.00	0	0.00	156.59	251.97	263519.89	336834.69	-73315
537+00.00	0	0.00	202.03	332.06	263519.89	337166.75	-73647
537+50.00	0	0.00	214.94	386.08	263519.89	337552.83	-74033
538+00.00	0	0.00	190.97	375.84	263519.89	337928.68	-74409
538+50.00	0	0.00	168.00	332.38	263519.89	338261.06	-74741
539+00.00	0	0.00	146.03	290.77	263519.89	338551.82	-75032
539+50.00	0	0.00	125.05	251.00	263519.89	338802.82	-75283
540+00.00	0	0.00	105.08	213.08	263519.89	339015.91	-75496
540+50.00	0	0.00	86.11	177.03	263519.89	339192.94	-75673
541+00.00	0	0.00	68.14	142.82	263519.89	339335.76	-75816
541+50.00	0	0.00	51.17	110.47	263519.89	339446.23	-75927
542+00.00	0	0.00	35.19	79.96	263519.89	339526.19	-76007
542+50.00	0	0.00	20.22	51.31	263519.89	339577.50	-76058
543+00.00	0	0.00	6.25	24.51	263519.89	339602.01	-76082
543+33.90	0	0.00	0.00	5.79	263519.89	339607.80	-76086

MCEAA Medina Dam Alternative Floodplain

MCEAA Flood Plain Earthwork Volumes

BASELINE STATION NUMBER	CUT AREA	CUT VOLUME	FILL AREA	FILL VOLUME	CUM CUT VOLUME	CUM FILL VOLUME	NET VOLUME
372+00.00	389.64		0.00				-185403
372+50.00	350.4	685.22	0.00	0.00	685.22	0.00	-184717
373+00.00	308.39	609.99	0.00	0.00	1295.21	0.00	-184107
373+50.00	266.46	532.27	0.00	0.00	1827.48	0.00	-183575
374+00.00	225.46	455.48	0.00	0.00	2282.96	0.00	-183120
374+50.00	185.64	380.65	0.00	0.00	2663.61	0.00	-182739
375+00.00	154.08	314.56	0.00	0.00	2978.17	0.00	-182424
375+50.00	150.4	281.93	0.00	0.00	3260.09	0.00	-182143
376+00.00	150.06	278.20	0.00	0.00	3538.30	0.00	-181864
376+50.00	150.15	277.97	0.00	0.00	3816.27	0.00	-181586
377+00.00	149.43	277.39	0.00	0.00	4093.66	0.00	-181309
377+50.00	147.53	274.96	0.00	0.00	4368.62	0.00	-181034
378+00.00	145.01	270.87	0.00	0.00	4639.49	0.00	-180763
378+50.00	140	263.90	0.00	0.00	4903.39	0.00	-180499
379+00.00	138.54	257.91	0.00	0.00	5161.30	0.00	-180241
379+50.00	137.37	255.47	0.00	0.00	5416.77	0.00	-179986
380+00.00	135.77	252.91	0.00	0.00	5669.68	0.00	-179733
380+50.00	133.71	249.52	0.00	0.00	5919.19	0.00	-179483
381+00.00	131.22	245.31	0.00	0.00	6164.50	0.00	-179238
381+50.00	128.29	240.29	0.00	0.00	6404.79	0.00	-178998
382+00.00	124.83	234.37	0.00	0.00	6639.16	0.00	-178763
382+50.00	114.79	221.87	0.00	0.00	6861.03	0.00	-178542
383+00.00	103.99	202.57	0.00	0.00	7063.60	0.00	-178339
383+50.00	93.26	182.64	0.00	0.00	7246.24	0.00	-178156
384+00.00	81.85	162.14	0.00	0.00	7408.38	0.00	-177994
384+50.00	69.88	140.49	0.00	0.00	7548.87	0.00	-177854
385+00.00	56.99	117.47	0.00	0.00	7666.34	0.00	-177736
385+50.00	44.3	93.79	0.00	0.00	7760.13	0.00	-177642
386+00.00	31.83	70.49	0.00	0.00	7830.62	0.00	-177572
386+50.00	22.63	50.43	0.00	0.00	7881.05	0.00	-177522
387+00.00	17.68	37.32	0.00	0.00	7918.37	0.00	-177484
387+50.00	12.82	28.24	0.00	0.00	7946.61	0.00	-177456
388+00.00	8.06	19.33	0.00	0.00	7965.94	0.00	-177437
388+50.00	3.39	10.60	0.00	0.00	7976.55	0.00	-177426
389+00.00	0	3.14	1.19	1.10	7979.69	1.10	-177424
389+50.00	0	0.00	5.85	6.52	7979.69	7.62	-177431
390+00.00	0	0.00	7.78	12.62	7979.69	20.24	-177443
390+50.00	0	0.00	4.74	11.59	7979.69	31.83	-177455
424+00.00	0		108.17				-176777
424+50.00	0	0.00	124.15	215.11	0.00	215.11	-176992
425+00.00	0	0.00	140.77	245.30	0.00	460.41	-177237
425+50.00	0	0.00	160.02	278.51	0.00	738.92	-177516
426+00.00	0	0.00	185.80	320.20	0.00	1059.12	-177836

426+50.00	0	0.00	201.55	358.66	0.00	1417.78	-178195
427+00.00	0	0.00	231.46	400.94	0.00	1818.71	-178596
427+50.00	0	0.00	268.69	463.10	0.00	2281.81	-179059
428+00.00	0	0.00	307.16	533.19	0.00	2815.01	-179592
428+50.00	0	0.00	352.12	610.44	0.00	3425.45	-180202
429+00.00	0	0.00	414.64	709.96	0.00	4135.42	-180912
429+50.00	0	0.00	474.10	822.91	0.00	4958.32	-181735
430+00.00	0	0.00	467.40	871.76	0.00	5830.08	-182607
430+50.00	0	0.00	324.61	733.34	0.00	6563.43	-183340
431+00.00	0	0.00	202.11	487.70	0.00	7051.13	-183828
431+50.00	0	0.00	101.10	280.75	0.00	7331.88	-184109
432+00.00	0	0.00	21.56	113.57	0.00	7445.45	-184222
432+50.00	0	0.00	6.14	25.65	0.00	7471.10	-184248
433+00.00	0	0.00	6.14	11.37	0.00	7482.47	-184259
433+50.00	0	0.00	6.14	11.37	0.00	7493.84	-184271
434+00.00	0	0.00	6.14	11.37	0.00	7505.21	-184282
434+50.00	0	0.00	6.14	11.37	0.00	7516.58	-184294
453+00.00	0		75.81				-176063
453+50.00	0	0.00	132.35	192.74	0.00	192.74	-176256
454+00.00	0	0.00	199.39	307.17	0.00	499.91	-176563
454+50.00	0	0.00	237.20	404.25	0.00	904.16	-176967
455+00.00	0	0.00	254.07	454.88	0.00	1359.04	-177422
455+50.00	0	0.00	271.38	486.53	0.00	1845.56	-177909
456+00.00	0	0.00	286.32	516.39	0.00	2361.95	-178425
456+50.00	0	0.00	252.12	498.56	0.00	2860.51	-178924
457+00.00	0	0.00	213.03	430.69	0.00	3291.20	-179354
535+00.00	0		46.26				-72767
535+50.00	0	0.00	79.01	115.99	0.00	115.99	-72883
536+00.00	0	0.00	115.54	180.14	0.00	296.13	-73063
536+50.00	0	0.00	156.59	251.97	0.00	548.10	-73315
537+00.00	0	0.00	202.03	332.06	0.00	880.16	-73647
537+50.00	0	0.00	214.94	386.08	0.00	1266.24	-74033
538+00.00	0	0.00	190.97	375.84	0.00	1642.08	-74409
538+50.00	0	0.00	168.00	332.38	0.00	1974.46	-74741
539+00.00	0	0.00	146.03	290.77	0.00	2265.23	-75032
539+50.00	0	0.00	125.05	251.00	0.00	2516.23	-75283
540+00.00	0	0.00	105.08	213.08	0.00	2729.31	-75496
540+50.00	0	0.00	86.11	177.03	0.00	2906.34	-75673
541+00.00	0	0.00	68.14	142.82	0.00	3049.17	-75816
541+50.00	0	0.00	51.17	110.47	0.00	3159.64	-75927
542+00.00	0	0.00	35.19	79.96	0.00	3239.60	-76007
542+50.00	0	0.00	20.22	51.31	0.00	3290.91	-76058
543+00.00	0	0.00	6.25	24.51	0.00	3315.42	-76082
543+33.90	0	0.00	0.00	5.79	0.00	3321.20	-76086

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