

UP-NS Response to OEA Request #2

Master Segment Table Rail Lines (A1 & A2)

Includes Organic Growth on Baseline for Non-Transaction Analysis

Segment Key	Segment Name	Segment Distance (GIS miles) ¹ Rounded to 1st Decimal	NOTE	Start Station	Start City/Station	Start State	Start Subdivision Name	Start Prefix	Start Milepost	Start Suffix	End Station	End City/Station	End State	End Subdivision Name
10006	10006-MORRISVILLE LINE	32.2		HP18	NORRIS_PA_NS_HP18	PA	MORRISVILLE LINE	HP	18.0		MV4	MORRISVILLE_PA_NS_MV4	PA	MORRISVILLE LINE
10007	10007-MARION DISTRICT	11.1		01190	ALEXANDRIA_IN_NS_01190	IN	MARION DISTRICT	MP	100.1		MP167	ANDERSON_IN_NS_MP167	IN	MARION DISTRICT
10009	10009-READING LINE	36.7		LB87	ALLENTOWN_PA_NS_LB87	PA	READING LINE	LB	88.2		FR59	READING_PA_NS_FR59	PA	READING LINE
10010	10010-CLEVELAND LINE	54.1		PC83	ALLIANCE_OH_NS_PC83	OH	CLEVELAND LINE	RD	67.0		RD116	CP-116_OH_NS_RD116	OH	CLEVELAND LINE
10016	10016-EAST END DISTRICT	49.8		735	ANNISTON_AL_NS_735	AL	EAST END DISTRICT		735.0		685	BREMEN_GA_NS_685	GA	EAST END DISTRICT
10023	10023-NORCROSS DISTRICT	16.1		150H	HOWELL_WYE_GA_NS_150H	GA	NORCROSS DISTRICT		635.2		618	NORCROSS_GA_NS_618	GA	NORCROSS DISTRICT
10026	10026-ATLANTA NORTH DISTRICT	13.0		650	AUSTELL_GA_NS_650	GA	ATLANTA NORTH DISTRICT		134.7	H	148H	ATLANTA_GA_NS_148H	GA	ATLANTA NORTH DISTRICT
10031	10031-LEHIGH LINE	12.1		LE84	BETHLEHEM_PA_NS_LE84	PA	LEHIGH LINE	LE	88.4		LE76	PHILLIPSBURG_NJ_NS_LE76	NJ	LEHIGH LINE
10033	10033-AGS SOUTH DISTRICT	21.5		791	BIRMINGHAM_AL_NS_791	AL	AGS SOUTH DISTRICT	AG	135.0		A492	BURSTALL_AL_NS_A492	AL	AGS SOUTH DISTRICT
10034	10034-EAST END DISTRICT	9.0		791	BIRMINGHAM_AL_NS_791	AL	EAST END DISTRICT		791.8		783	CENTRAL_JUNCTION_AL_NS_783	AL	EAST END DISTRICT
10039	10039-EAST END DISTRICT	34.3		685	BREMEN_GA_NS_685	GA	EAST END DISTRICT		685.0		650	AUSTELL_GA_NS_650	GA	EAST END DISTRICT
10044	10044-APPALACHIA DISTRICT	86.5		76A	BULLS_GAP_TN_NS_76A	TN	APPALACHIA DISTRICT		87.1	TC	19805	APPALACHIA_VA_NS_19805	VA	APPALACHIA DISTRICT
10049	10049-AGS SOUTH DISTRICT	139.2		A492	BURSTALL_AL_NS_A492	AL	AGS SOUTH DISTRICT	AG	156.0		A630	MERIDIAN_MS_NS_A630	MS	AGS SOUTH DISTRICT
10052	10052-CHARLOTTE DISTRICT	42.9		378	CHARLOTTE_NC_NS_378	NC	CHARLOTTE DISTRICT		376.0		334	SALISBURY_NC_NS_334	NC	CHARLOTTE DISTRICT
10058	10058-CHICAGO LINE	14.1		CD517	CHICAGO_47TH_ST_TV_IL_NS_CD517	IL	CHICAGO LINE	CD	516.9		CD502	CP-502_IN_NS_CD502	IN	CHICAGO LINE
10061	10061-CENTRAL OF GEORGIA DISTRICT	109.3		103N	CHILDERSBURG_AL_NS_103N	AL	CENTRAL OF GEORGIA DISTRICT	P	399.8		S291	COLUMBUS_GA_NS_S291	GA	CENTRAL OF GEORGIA DISTRICT
10076	10076-COLUMBUS DISTRICT (GA)	71.3		S291	COLUMBUS_GA_NS_S291	GA	COLUMBUS DISTRICT (GA)	M	290.9		M220	COLUMBUS_JCT_GA_NS_M220	GA	COLUMBUS DISTRICT (GA)
10081	10081-PITTSBURGH LINE	60.1	4	PT291	CONPIT_PA_NS_PT291	PA	PITTSBURGH LINE	PT	290.2		PT350	CP-BLOOM_PA_NS_PT350	PA	PITTSBURGH LINE
10082	10082-FORT WAYNE LINE	52.9		PC26	ROCHESTER_PA_NS_PC26	PA	FORT WAYNE LINE	PC	25.9		PC79	SEBRING_OH_NS_PC79	OH	FORT WAYNE LINE
10083	10083-FORT WAYNE LINE	22.4		PC23	CONWAY_PA_NS_PC23	PA	FORT WAYNE LINE	PC	22.6		PT353	PITTSBURGH_PA_NS_PT353	PA	FORT WAYNE LINE
10101	10101-LURGAN DISTRICT	72.8		SI2	LEMOYNE_PA_NS_SI2	PA	LURGAN DISTRICT	SI	1.0		13002	HAGERSTOWN_MD_NS_13002	MD	LURGAN DISTRICT
10102	10102-PITTSBURGH LINE	182.6	4	HP113	HARRISBURG_PA_NS_HP113	PA	PITTSBURGH LINE	PT	105.3		PT291	CONPIT_PA_NS_PT291	PA	PITTSBURGH LINE
10106	10106-WASHINGTON DISTRICT	50.7		B51	RIVERTON_JCT_VA_NS_B51	VA	WASHINGTON DISTRICT	B	50.9		34	MANASSAS_JCT_VA_NS_34	VA	WASHINGTON DISTRICT
10107	10107-HAGERSTOWN DISTRICT	57.6		13060	FRONT_ROYAL_VA_NS_13060	VA	HAGERSTOWN DISTRICT	H	60.5		13002	HAGERSTOWN_MD_NS_13002	MD	HAGERSTOWN DISTRICT
10113	10113-BLOOMINGTON DISTRICT	40.1		09443	GIBSON_CITY_IL_NS_09443	IL	BLOOMINGTON DISTRICT	IC	109.9		09131	BEMENT_IL_NS_09131	IL	BLOOMINGTON DISTRICT
10121	10121-DANVILLE DISTRICT (SOUTHERN MAINLINE)	109.0		287	GREENSBORO_NC_NS_287	NC	DANVILLE DISTRICT (SOUTHERN MAINLINE)		284.6		050027	LYNCHBURG	VA	DANVILLE DISTRICT (SOUTHERN MAINLINE)
10122	10122-CHARLOTTE DISTRICT	31.6		484	GREENVILLE_SC_NS_484	SC	CHARLOTTE DISTRICT		484.1		454	SPARTANBURG_SC_NS_454	SC	CHARLOTTE DISTRICT
10123	10123-HARRISBURG LINE	54.0		HP113	HARRISBURG_PA_NS_HP113	PA	HARRISBURG LINE	HP	112.9		FR59	READING_PA_NS_FR59	PA	HARRISBURG LINE
10134	10134-KANSAS CITY DISTRICT	10.1		09711	KANSAS_CITY_MO_NS_09711	MO	KANSAS CITY DISTRICT	S	274.8		09720	VOLTZ_MO_NS_09720	MO	KANSAS CITY DISTRICT
10141	10141-CENTRAL OF GEORGIA DISTRICT	25.5		783	CENTRAL_JUNCTION_AL_NS_783	AL	CENTRAL OF GEORGIA DISTRICT	P	425.8		103N	CHILDERSBURG_AL_NS_103N	AL	CENTRAL OF GEORGIA DISTRICT
10142	10142-EAST END DISTRICT	46.8		781	LEEDS_AL_NS_781	AL	EAST END DISTRICT		781.9		735	ANNISTON_AL_NS_735	AL	EAST END DISTRICT
10145	10145-BLUE RIDGE DISTRICT	2.8		172	LYNCHBURG_VA_NS_172	VA	BLUE RIDGE DISTRICT		172.5		2KM	IRVIN_VA_NS_2KM	VA	BLUE RIDGE DISTRICT
10148	10148-WASHINGTON DISTRICT	140.0		172	LYNCHBURG_VA_NS_172	VA	WASHINGTON DISTRICT		172.5		33	MANASSAS_VA_NS_33	VA	WASHINGTON DISTRICT
10161	10161-CHRISTIANSBURG DISTRICT	38.1	4, 8	10292	WALTON_VA_NS_10292	VA	CHRISTIANSBURG DISTRICT	N	297.6		10254	ROANOKE_VA_NS_10254	VA	CHRISTIANSBURG DISTRICT
10163	10163-NO & NE DISTRICT	195.0		A826	NEW_ORLEANS_LA_NS_A826	LA	NO & NE DISTRICT	NO	195.6		A630	MERIDIAN_MS_NS_A630	MS	NO & NE DISTRICT
10164	10164-NO & NE DISTRICT	4.1		A835	EAST_CITY_JUNCTION_LA_NS_A835	LA	NO & NE DISTRICT		3.7	NT	A827	OLIVER_JCT_LA_NS_A827	LA	NO & NE DISTRICT
10165	10165-GREENVILLE DISTRICT (SOUTHERN MAINLINE)	134.4		618	NORCROSS_GA_NS_618	GA	GREENVILLE DISTRICT (SOUTHERN MAINLINE)		619.1		484	GREENVILLE_SC_NS_484	SC	GREENVILLE DISTRICT (SOUTHERN MAINLINE)
10169	10169-WEST END DISTRICT	47.9		840	PARRISH_AL_NS_840	AL	WEST END DISTRICT		839.5		791	BIRMINGHAM_AL_NS_791	AL	WEST END DISTRICT
10170	10170-BLOOMINGTON DISTRICT	70.5		01416	PEORIA_IL_NS_01416	IL	BLOOMINGTON DISTRICT	SP	409.5		09443	GIBSON_CITY_IL_NS_09443	IL	BLOOMINGTON DISTRICT
10174	10174-HUNTINGTON DISTRICT	53.3		09067	PERU_IN_NS_09067	IN	HUNTINGTON DISTRICT	D	202.5		09046	HUGO_IN_NS_09046	IN	HUNTINGTON DISTRICT
10176	10176-LEHIGH LINE	40.1		LE76	PHILLIPSBURG_NJ_NS_LE76	NJ	LEHIGH LINE	LE	76.5		LE36	MANVILLE_NJ_NS_LE36	NJ	LEHIGH LINE
10192	10192-DANVILLE DISTRICT (SOUTHERN MAINLINE)	10.0		334	SALISBURY_NC_NS_334	NC	DANVILLE DISTRICT (SOUTHERN MAINLINE)		333.6		323	LINWOOD_NC_NS_323	NC	DANVILLE DISTRICT (SOUTHERN MAINLINE)
10198	10198-NA DISTRICT	89.1		NA6	PRUETT_AL_NS_NA6	AL	NA DISTRICT	NA	6.5		840	PARRISH_AL_NS_840	AL	NA DISTRICT
10200	10200-ROANOKE DISTRICT	133.7	8	13106	SHENANDOAH_VA_NS_13106	VA	ROANOKE DISTRICT	H	106.7		10254	ROANOKE_VA_NS_10254	VA	ROANOKE DISTRICT
10201	10201-CHARLOTTE DISTRICT	76.6		454	SPARTANBURG_SC_NS_454	SC	CHARLOTTE DISTRICT		452.6		378	CHARLOTTE_NC_NS_378	NC	CHARLOTTE DISTRICT
10205	10205-SOUTHERN WEST DISTRICT	156.7		7W	A&S_JCT_IL_NS_7W	IL	SOUTHERN WEST DISTRICT		6.3	W	163W	PRINCETON_IN_NS_163W	IN	SOUTHERN WEST DISTRICT
10213	10213-CHICAGO LINE	100.8		CD292	TOLEDO_AIRLINE_OH_NS_CD292	OH	CHICAGO LINE	CD	291.4		CD192	CP-MAX_OH_NS_CD192	OH	CHICAGO LINE
10234	10234-GENEVA SUB	3.2		NZ003	KEDZIE	IL	GENEVA SUB		3.6		NZ001	CHICAGO_CLINTON_ST	IL	GENEVA SUB
10235	10235-GENEVA SUB	12.2		NZ021	PROVISO	IL	PROVISO YARD		15.0		NZ003	KEDZIE	IL	GENEVA SUB
10236	10236-GENEVA SUB	15.0		NZ030	WEST CHICAGO	IL	GENEVA SUB		29.7		NZ021	PROVISO	IL	PROVISO YARD
10237	10237-GENEVA SUB	6.4		NZ035	GENEVA	IL	GENEVA SUB		35.5		NZ030	WEST CHICAGO	IL	GENEVA SUB
10238	10238-GENEVA SUB	42.9		NZ077	GLOBAL 3	IL	GENEVA SUB		77.0		NZ035	GENEVA	IL	GENEVA SUB
10243	10243-KENOSHA SUB	15.7		CY051	KENOSHA	WI	KENOSHA SUB		51.6		CY036	WAUKEGAN	IL	KENOSHA SUB
10244	10244-KENOSHA SUB	5.7		CY036	WAUKEGAN	IL	KENOSHA SUB		35.9		CY030	LAKE BLUFF	IL	KENOSHA SUB
10245	10245-KENOSHA SUB	13.5		CY030	LAKE BLUFF	IL	KENOSHA SUB		30.2		CY018	WINNETKA	IL	KENOSHA SUB

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Master Segment Table Rail Lines (A1 & A2)

Includes Organic Growth on Baseline for Non-Transaction Analysis

Segment Key	Segment Name	End Prefix	End Milepost	End Suffix	Baseline Annual mGTMs ² Rounded to 2nd Decimal	Baseline Organic Growth (5 Years) mGTMs ² Rounded to 2nd Decimal	Transaction Growth mGTMs ^{2,6} Rounded to 2nd Decimal	Year 5 Annual mGTMs ² Rounded to 2nd Decimal	% Transaction mGTMs Change Rounded to 1st Decimal	Baseline Trains Per Day (incl. Locals) Rounded to 2nd Decimal	Baseline Organic Growth (5 Years) TPD Rounded to 2nd Decimal	Transaction Growth TPD ⁶ (incl. Locals) Rounded to 2nd Decimal	Year 5 TPD (incl. Locals) Rounded to 2nd Decimal	Nonattainment/Maintenance Zone OR w/in 100 km of Class 1 Area	A1	A2	Both A1 & A2	Hazmat Flag	Current Passenger TPD
10006	10006-MORRISVILLE LINE	MV	0.1		198.01	23.84	147.39	369.24	66.4%	5.03	0.61	0.00	5.64	YES		YES		YES	0.00
10007	10007-MARION DISTRICT	MP	111.5		1.00	0.12	5.24	6.36	466.2%	0.28	0.03	0.00	0.31	NO	YES			YES	0.00
10009	10009-READING LINE	FR	58.8		1,729.97	208.31	613.05	2,551.33	31.6%	24.75	2.98	7.19	34.92	YES		YES		YES	0.00
10010	10010-CLEVELAND LINE	RD	122.1		5,056.48	608.87	906.35	6,571.70	16.0%	36.36	4.14	5.88	46.38	YES		YES		YES	2.00
10016	10016-EAST END DISTRICT		685.0		1,397.22	168.24	1,328.20	2,893.67	84.8%	15.64	1.64	9.93	27.21	NO	YES			NO	2.00
10023	10023-NORCROSS DISTRICT		619.1		555.61	66.90	342.85	965.37	55.1%	23.64	2.61	2.13	28.38	YES		YES		YES	2.00
10026	10026-ATLANTA NORTH DISTRICT		147.9	H	1,222.15	147.16	599.55	1,968.86	43.8%	52.76	6.11	13.47	72.34	YES	YES		YES	YES	2.00
10031	10031-LEHIGH LINE	LE	76.5		453.80	54.64	182.02	690.47	35.8%	23.57	2.84	8.17	34.58	YES	YES		YES	YES	0.00
10033	10033-AGS SOUTH DISTRICT	AG	156.0		1,297.27	156.21	1,020.66	2,474.14	70.2%	35.70	4.06	10.81	50.57	YES	YES		YES	YES	2.00
10034	10034-EAST END DISTRICT		782.6		334.62	40.29	319.40	694.32	85.2%	19.22	2.07	12.16	33.45	YES	YES		YES	YES	2.00
10039	10039-EAST END DISTRICT		650.0		964.58	116.15	929.12	2,009.85	86.0%	14.66	1.52	9.93	26.11	YES	YES		YES	NO	2.00
10044	10044-APPALACHIA DISTRICT		1.0	T	133.37	16.06	78.03	227.46	52.2%	5.51	0.66	0.00	6.17	YES		YES		YES	0.00
10049	10049-AGS SOUTH DISTRICT	AG	295.4		5,623.36	677.13	6,024.37	12,324.86	95.6%	20.89	2.27	9.93	33.09	YES	YES		YES	YES	2.00
10052	10052-CHARLOTTE DISTRICT		333.6		1,058.03	127.40	569.29	1,754.72	48.0%	26.34	1.73	3.19	31.26	YES		YES		YES	12.00
10058	10058-CHICAGO LINE	CD	502.8		1,457.29	175.48	553.90	2,186.68	33.9%	69.13	6.64	4.04	79.81	YES		YES		YES	14.00
10061	10061-CENTRAL OF GEORGIA DISTRICT	P	290.9		568.90	68.50	644.62	1,282.02	101.1%	3.44	0.41	2.24	6.09	NO	YES			YES	0.00
10076	10076-COLUMBUS DISTRICT (GA)	M	220.0		369.55	44.50	418.78	832.83	101.1%	4.38	0.53	2.24	7.15	YES	YES		YES	YES	0.00
10081	10081-PITTSBURGH LINE	PT	351.6		6,800.50	818.87	894.78	8,514.16	11.7%	43.77	7.03	3.76	54.56	YES		YES		YES	2.00
10082	10082-FORT WAYNE LINE	PC	79.0		5,163.75	621.78	931.68	6,717.22	16.1%	37.42	4.27	5.94	47.63	YES		YES		YES	2.00
10083	10083-FORT WAYNE LINE	PC	0.0		2,400.79	289.09	359.28	3,049.16	13.4%	43.28	4.97	3.69	51.94	YES		YES		YES	1.98
10101	10101-LURGAN DISTRICT	HW	74.3		2,244.72	270.29	1,014.57	3,529.59	40.3%	16.28	1.96	3.15	21.39	YES		YES		YES	0.00
10102	10102-PITTSBURGH LINE	PT	290.2		21,109.83	2,541.90	2,649.60	26,301.33	11.2%	44.53	7.12	3.75	55.40	YES		YES		YES	2.00
10106	10106-WASHINGTON DISTRICT	B	0.0		1,018.53	122.64	496.27	1,637.44	43.5%	11.57	1.39	3.19	16.15	YES		YES		NO	0.00
10107	10107-HAGERSTOWN DISTRICT	H	0.6		1,641.02	197.60	847.26	2,685.88	46.1%	15.61	1.88	3.11	20.60	YES		YES		YES	0.00
10113	10113-BLOOMINGTON DISTRICT	C	153.1		111.45	13.42	141.36	266.23	113.2%	4.30	0.52	0.32	5.14	NO	YES			YES	0.00
10121	10121-DANVILLE DISTRICT (SOUTHERN MAINLINE)		175.0		3,143.54	378.52	1,378.34	4,900.40	39.1%	14.85	1.55	3.18	19.58	YES		YES		YES	2.00
10122	10122-CHARLOTTE DISTRICT		452.6		937.97	112.94	625.59	1,676.50	59.5%	20.45	2.22	2.07	24.74	YES		YES		YES	2.00
10123	10123-HARRISBURG LINE	HP	58.6		3,475.67	418.52	1,085.85	4,980.04	27.9%	30.74	3.70	8.39	42.83	YES	YES		YES	YES	0.00
10134	10134-KANSAS CITY DISTRICT	S	264.3		136.93	16.49	218.66	372.08	142.5%	18.99	2.29	9.22	30.50	NO	YES			NO	0.00
10141	10141-CENTRAL OF GEORGIA DISTRICT	P	399.8		173.87	20.94	153.58	348.39	78.8%	2.28	0.27	2.24	4.79	YES		YES		YES	0.00
10142	10142-EAST END DISTRICT		735.0		1,342.32	161.63	1,251.17	2,755.13	83.2%	16.40	1.73	9.93	28.06	YES	YES		YES	NO	2.00
10145	10145-BLUE RIDGE DISTRICT		0.8	KM	68.94	8.30	31.79	109.03	41.1%	20.84	1.85	4.58	27.27	YES		YES		YES	5.46
10148	10148-WASHINGTON DISTRICT		32.5		2,948.56	355.05	1,364.00	4,667.61	41.3%	19.41	1.54	3.19	24.14	YES		YES		NO	6.62
10161	10161-CHRISTIANSBURG DISTRICT	N	259.5		2,657.05	319.94	300.75	3,277.74	10.1%	30.05	7.62	1.14	38.81	YES		NO		YES	0.00
10163	10163-NO & NE DISTRICT	NO	0.4		4,271.60	514.36	5,942.62	10,728.58	124.2%	12.96	1.32	3.35	17.63	NO	YES			YES	2.00
10164	10164-NO & NE DISTRICT		7.9	NT	103.35	12.44	167.04	282.84	144.3%	13.03	0.85	7.84	21.72	NO	YES			YES	6.00
10165	10165-GREENVILLE DISTRICT (SOUTHERN MAINLINE)		484.1		3,770.54	454.02	2,696.76	6,921.32	63.8%	17.68	1.89	2.07	21.64	YES		YES		YES	2.00
10169	10169-WEST END DISTRICT		791.8		399.66	48.12	469.00	916.79	104.7%	6.80	0.82	0.95	8.57	YES	YES		YES	YES	0.00
10170	10170-BLOOMINGTON DISTRICT	SP	340.4		192.76	23.21	129.44	345.42	59.9%	4.54	0.55	0.30	5.39	YES		YES		NO	0.00
10174	10174-HUNTINGTON DISTRICT	D	149.2		1,995.46	240.28	1,091.39	3,327.13	48.8%	18.21	2.19	6.01	26.41	YES		YES		YES	0.00
10176	10176-LEHIGH LINE	LE	36.4		1,406.64	169.38	584.32	2,160.34	37.1%	20.28	2.44	8.18	30.90	YES	YES		YES	YES	0.00
10192	10192-DANVILLE DISTRICT (SOUTHERN MAINLINE)		323.1		309.85	37.31	138.38	485.54	39.9%	35.29	2.80	3.20	41.29	YES		YES		YES	12.00
10198	10198-NA DISTRICT	NA	95.6		519.53	62.56	437.60	1,019.69	75.2%	3.83	0.46	0.02	4.31	YES		YES		YES	0.00
10200	10200-ROANOKE DISTRICT	H	239.3		1,312.49	158.04	680.63	2,151.16	46.3%	6.05	0.73	0.00	6.78	YES		NO		YES	0.00
10201	10201-CHARLOTTE DISTRICT		376.0		1,567.09	188.70	1,318.00	3,073.79	75.1%	15.15	1.59	2.20	18.94	YES		YES		YES	1.98
10205	10205-SOUTHERN WEST DISTRICT		162.8	W	2,591.55	312.06	1,475.83	4,379.44	50.8%	9.30	1.12	0.00	10.42	YES		YES		YES	0.00
10213	10213-CHICAGO LINE	CD	190.7		9,935.26	1,196.34	2,039.76	13,171.36	18.3%	41.27	4.51	4.01	49.79	YES		YES		YES	3.80
10234	10234-GENEVA SUB		0.5		0.48	0.02	0.36	0.87	72.1%	47.78	0.05	0.00	47.83	YES		YES		YES	46.86
10235	10235-GENEVA SUB		3.6		515.10	26.28	603.81	1,145.19	111.5%	70.48	1.20	12.48	84.16	YES	YES		YES	YES	46.86
10236	10236-GENEVA SUB		15.0		1,128.69	57.57	386.58	1,572.84	32.6%	75.86	1.48	3.79	81.13	YES		YES		YES	46.86
10237	10237-GENEVA SUB		29.7		478.96	24.43	167.41	670.80	33.3%	77.52	1.60	3.79	82.91	YES		YES		YES	46.14
10238	10238-GENEVA SUB		35.5		3,199.20	163.19	1,116.01	4,478.40	33.2%	38.73	1.54	3.79	44.06	YES		YES		YES	8.47
10243	10243-KENOSHA SUB		35.9		0.69	0.03	0.43	1.15	59.0%	18.32	0.00	0.00	18.32	YES		YES		YES	18.29
10244	10244-KENOSHA SUB		30.2		0.21	0.01	0.17	0.39	77.1%	45.88	0.02	0.00	45.90	YES		YES		YES	45.57
10245	10245-KENOSHA SUB		16.6		0.16	0.01	0.37	0.54	215.0%	50.29	0.00	0.00	50.29	YES	YES		YES	YES	50.28

UP-NS Response to OEA Request #2

Master Segment Table Rail Lines (A1 & A2)

Includes Organic Growth on Baseline for Non-Transaction Analysis

Segment Key	Segment Name	Segment Distance (GIS miles) ¹ Rounded to 1st Decimal	NOTE	Start Station	Start City/Station	Start State	Start Subdivision Name	Start Prefix	Start Milepost	Start Suffix	End Station	End City/Station	End State	End Subdivision Name
10246	10246-KENOSHA SUB	13.9		CY018	WINNETKA	IL	KENOSHA SUB		16.6		CY002	CLYBOURN CHICAGO	IL	HARVARD SUB
10441	10441-MEMPHIS SUB	5.3		XG093	MEMPHIS	TN	MEMPHIS SUB		380.7		XG087	BRIARK	AR	MEMPHIS SUB
10442	10442-MEMPHIS SUB	5.2		XG087	BRIARK	AR	MEMPHIS SUB		375.2		XG082	PRESLEY JCT	AR	MEMPHIS SUB
10443	10443-MEMPHIS SUB	32.8		XG077	MARION	AR	MEMPHIS SUB		365.5		C 304	WYNNE	AR	MEMPHIS SUB
10459	10459-LIVONIA SUB	25.6	7	TB052	ST JAMES	LA	LIVONIA SUB		53.9		TB028	TAFT	LA	LIVONIA SUB
10460	10460-LIVONIA SUB	36.1		TB090	ADDIS	LA	LIVONIA SUB		90.1		TB052	ST JAMES	LA	LIVONIA SUB
10491	10491-LAREDO SUB	76.1		AX345	SOUTH SAN ANTONIO	TX	LAREDO SUB		264.3		AX422	GARDENDALE	TX	LAREDO SUB
10503	10503-BEAUMONT SUB	36.1		B 544	KINDER	LA	DEQUINCY SUB		544.5		B 508	DEQUINCY	LA	DEQUINCY SUB
10504	10504-BEAUMONT SUB	45.8		B 508	DEQUINCY	LA	DEQUINCY SUB		508.4		LS462	TOWER 31	TX	LAFAYETTE SUB
10525	10525-LAFAYETTE SUB	46.2		LS407	DAYTON	TX	HOUSTON SUB		327.7		B 461	BEAUMONT	TX	LAFAYETTE SUB
10526	10526-LAFAYETTE SUB	25.6		LS376	DAWES	TX	HOUSTON SUB		353.0		LS407	DAYTON	TX	HOUSTON SUB
10556	10556-GILA SUB	50.2		SP359	PICACHO	AZ	GILA SUB		938.4		SP317	TUCSON	AZ	GILA SUB
10557	10557-GILA SUB	170.9		SP526	WELLTON	AZ	GILA SUB		770.8		SP359	PICACHO	AZ	GILA SUB
10558	10558-GILA SUB	40.6		SP563	YUMA	AZ	YUMA SUB		732.4		SP526	WELLTON	AZ	GILA SUB
10559	10559-LORDSBURG SUB	87.2		SP090	DEMING	NM	LORDSBURG SUB		1209.8		TP860	EL PASO	TX	LORDSBURG SUB
10560	10560-LORDSBURG SUB	60.7		SP149	LORDSBURG	NM	LORDSBURG SUB		1149.7		SP090	DEMING	NM	LORDSBURG SUB
10561	10561-LORDSBURG SUB	90.0		SP234	COCHISE	AZ	LORDSBURG SUB		1065.5		SP149	LORDSBURG	NM	LORDSBURG SUB
10562	10562-LORDSBURG SUB	32.6		SP268	BENSON	AZ	LORDSBURG SUB		1032.6		SP234	COCHISE	AZ	LORDSBURG SUB
10563	10563-LORDSBURG SUB	47.4		SP317	TUCSON	AZ	GILA SUB		986.6		SP268	BENSON	AZ	LORDSBURG SUB
10564	10564-CARRIZOZO SUB	245.0		TP860	EL PASO	TX	LORDSBURG SUB		1298.1		SW718	VAUGHN	NM	TUCUMCARI SUB
10676	10676-YUMA SUB	64.4		SP629	NILAND	CA	YUMA SUB		667.8		SP563	YUMA	AZ	YUMA SUB
10677	10677-YUMA SUB	105.4		SP629	NILAND	CA	YUMA SUB		667.8		SP734	BEAUMONT	CA	YUMA SUB
10678	10678-YUMA SUB	23.1		CX749	COLTON	CA	SAN BERNARDINO (BNSF)		2.9		SP734	BEAUMONT	CA	YUMA SUB
10692	10692-ALHAMBRA SUB	22.8		CO499	NORTH POMONA	CA	ALHAMBRA SUB		513.3		SP760	WEST COLTON	CA	ALHAMBRA SUB
10693	10693-ALHAMBRA SUB	10.5		CO486	CITY OF INDUSTRY	CA	ALHAMBRA SUB		502.7		CO499	NORTH POMONA	CA	ALHAMBRA SUB
10694	10694-ALHAMBRA SUB	20.1		CO469	YUMA JCT	CA	ALHAMBRA SUB		482.8		CO486	CITY OF INDUSTRY	CA	ALHAMBRA SUB
10709	10709-OTHER WARSAW_KY_NS_CAR-LOUISVILLE_KY_NS	73.3		CAR01	WARSAW_KY_NS_CAR01	KY	HAULAGE - CSX	CA	85.0		271W	LOUISVILLE_KY_NS_271W	KY	HAULAGE - CSX
10825	10825-OTHER PARRISH_AL_NS_84-BERRY_AL_NS_863	25.6		840	PARRISH_AL_NS_840	AL	NA DISTRICT		839.5		863	BERRY_AL_NS_863	AL	NA DISTRICT
10872	10872-OTHER DECAMP_IL_NS_092-CARLINVILLE_IL_N	18.5		09294	DECAMP_IL_NS_09294	IL	BROOKLYN DISTRICT	DE	0.0		19296	CARLINVILLE_IL_NS_19296	IL	BROOKLYN DISTRICT
10895	10895-OTHER SALEM_NJ_NS_8741-COMMERCE STREET_N	28.2		87415	SALEM_NJ_NS_87415	NJ	CONRAIL - SOUTH JERSEY		28.0	SW	OPL	COMMERCE STREET_NJ_NS_OPL	NJ	CONRAIL - SOUTH JERSEY
11046	11046-OTHER AYER_MA_NS_900-MILLERS FALLS_MA	63.1		90013	AYER_MA_NS_90013	MA	HAULAGE - PAS	HA	315.7		90048	MILLERS FALLS_MA_NS_90048	MA	HAULAGE - PAS
11050	11050-OTHER MILLERS FALLS-HOOSICK JUNCTION	69.9		90048	MILLERS FALLS_MA_NS_90048	MA	HAULAGE - PAS	HA	377.9		90042	HOOSICK JUNCTION_NY_NS_90042	NY	HAULAGE - PAS
11114	11114-OTHER SEBRING_OH_NS_ALLIANCE_OH	4.3		PC79	SEBRING_OH_NS_PC79	OH	FORT WAYNE LINE	PC	79.0		PC83	ALLIANCE_OH_NS_PC83	OH	FORT WAYNE LINE
11198	11198-OTHER PRUETT_AL_NS_NA6-LEE_AL_NS_NA7	1.4		NA6	PRUETT_AL_NS_NA6	AL	NA DISTRICT	NA	6.5		NA7	LEE_AL_NS_NA7	AL	NA DISTRICT
11249	11249-OTHER DAWES-TOWER 87	3.8		LS376	DAWES	TX	HOUSTON SUB		353.0		LS373	TOWER 87	TX	HOUSTON SUB
11250	11250-OTHER SIDNEY-SIDNEY_IL_NS_091	0.6		ZB133	SIDNEY	IL	VILLA GROVE SUB		133.0		09121	SIDNEY_IL_NS_09121	IL	LAFAYETTE DISTRICT
11324	11324-OTHER QUINCY_IL-010505	1.9		09219	QUINCY_IL_NS_09219	IL	HAULAGE - BNSF		13.4	XG	010505	QUINCY	IL	HAULAGE - BNSF
11355	11355-OTHER Node: 20012-CLARKE JCT_IN_NS	6.0		000872	HAMMOND	IN	TRACKAGE - CSX CHICAGO	BO	252.4		09973	CLARKE JCT_IN_NS_09973	IN	TRACKAGE - CSX CHICAGO
11413	11413-OTHER CENTRAL JUNCTION-LEEDS_AL_NS_781	0.7		783	CENTRAL JUNCTION_AL_NS_783	AL	EAST END DISTRICT		782.6		781	LEEDS_AL_NS_781	AL	EAST END DISTRICT
11421	11421-OTHER NORALA_AL_NS_NA4-WILSON_AL_NS_404	1.9		NA4	NORALA_AL_NS_NA4	AL	NA DISTRICT	NA	3.8		404A	WILSON_AL_NS_404A	AL	NA DISTRICT
11483	11483-OTHER NEVILLE ISLAND_P-DUFFS JCT (POHC)	6.0		87586	NEVILLE ISLAND_PA_NS_87586	PA	HAULAGE - POHC	PI	4.6		87579	DUFFS JCT (POHC)_PA_NS_87579	PA	HAULAGE - POHC
11514	11514-OTHER HEAFER-UTILITY	1.7		AX348	HEAFER	TX	LAREDO SUB		265.7		SO224	UTILITY	TX	DEL RIO SUB
11564	11564-OTHER PT350_NS - PT353_NS	1.7	4	PT350	CP-BLOOM_PA_NS_PT350	PA	PITTSBURGH LINE	PT	351.6		PT353	PITTSBURGH_PA_NS_PT353	PA	PITTSBURGH LINE
11571	11571-OTHER EAST CITY JUNCTI-NEW ORLEANS	1.7		A835	EAST CITY JUNCTION_LA_NS_A835	LA	NEW ORLEANS TERMINAL		3.7	NT	C 817	NEW ORLEANS	LA	RACE ST. (NOPB)
11586	11586-OTHER Node: 28464-CP NICE_PA_NS_QA	1.2		062641	PHILADELPHIA	PA	CONRAIL - SOUTH JERSEY		85.0	DP	QA5	CP NICE_PA_NS_QA5	PA	CONRAIL - SOUTH JERSEY
11630	11630-OTHER CP-MAX_OH_NS_CD1-CLEVELAND ROCKPO	0.1		CD192	CP-MAX_OH_NS_CD192	OH	CHICAGO LINE	CD	190.7		CD190	CLEVELAND ROCKPORT_OH_NS_CD190	OH	CHICAGO LINE
11633	11633-OTHER BURN_PA_NS_RV34-ALLENTOWN (RJCN)	0.8		RV34	BURN_PA_NS_RV34	PA	READING LINE	EN	93.0		87695	ALLENTOWN (RJCN)_PA_NS_87695	PA	READING LINE
11643	11643-OTHER WYOMISSING JCT_P-Node: 28103	0.6		HP61	WYOMISSING JCT_PA_NS_HP61	PA	READING LINE	TW	9.4		062280	WYOMISSING	PA	READING LINE
11664	11664-OTHER SHREVEPORT TS316-SHREVEPORT	6.3		TS316	SHREVEPORT	LA	SHREVEPORT IND LD		1.5		UPR14	SHREVEPORT SOUTH SC_LA_NS_UPR14	LA	HAULAGE - CPKC MERIDIAN SPEEDWAY
11665	11665-OTHER SHREVEPORT SOUTH-KCS SHREVEPORT S	1.0		UPR14	SHREVEPORT SOUTH SC_LA_NS_UPR14	LA	HAULAGE - CPKC MERIDIAN SPEEDWAY	UP	53.0		KCS10	KCS SHREVEPORT SCAN_LA_NS_KCS10	LA	HAULAGE - CPKC MERIDIAN SPEEDWAY
11702	11702-ALLENTOWN (RJCN)-BETHLEHEM_PA	4.1		87695	ALLENTOWN (RJCN)_PA_NS_87695	PA	LEHIGH LINE	EN	92.6		LE84	BETHLEHEM_PA_NS_LE84	PA	LEHIGH LINE
11703	11703-OTHER GASTONIA_NC-RIDGE_NC	5.0		HG41	RIDGE_NC_NS_HG41	NC	CHARLOTTE DISTRICT	HG	40.1		399	GASTONIA_NC_NS_399	NC	CHARLOTTE DISTRICT
11706	11706-OTHER HOOK_PA_NS_PL17-Node: 28937	13.1		PL17	HOOK_PA_NS_PL17	PA	TRACKAGE - AMTRAK NE CORRIDOR	PL	16.8		063117	PHILADELPHIA	PA	TRACKAGE - AMTRAK NE CORRIDOR
11728	11728-OTHER: LG3_NS - LGO_NS	0.9		LG3	CAMP HILL_PA_NS_LG3	PA	LURGAN DISTRICT	LG	2.7		LGO	FRONT STREET_PA_NS_LGO	PA	LURGAN DISTRICT

UP-NS Response to OEA Request #2
Master Segment Table Rail Lines (A1 & A2)
Includes Organic Growth on Baseline for Non-Transaction Analysis

Segment Key	Segment Name	End Prefix	End Milepost	End Suffix	Baseline Annual mGTMs ² Rounded to 2nd Decimal	Baseline Organic Growth (5 Years) mGTMs ² Rounded to 2nd Decimal	Transaction Growth mGTMs ^{2,6} Rounded to 2nd Decimal	Year 5 Annual mGTMs ² Rounded to 2nd Decimal	% Transaction mGTMs Change Rounded to 1st Decimal	Baseline Trains Per Day (incl. Locals) Rounded to 2nd Decimal	Baseline Organic Growth (5 Years) TPD Rounded to 2nd Decimal	Transaction Growth TPD ⁶ (incl. Locals) Rounded to 2nd Decimal	Year 5 TPD (incl. Locals) Rounded to 2nd Decimal	Nonattainment/ Maintenance Zone OR w/in 100 km of Class 1 Area	A1	A2	Both A1 & A2	Hazmat Flag	Current Passenger TPD
10246	10246-KENOSHA SUB		2.5		0.16	0.01	0.37	0.54	215.0%	58.44	0.00	0.00	58.44	YES	YES		YES	YES	58.43
10441	10441-MEMPHIS SUB		375.2		111.64	5.69	90.26	207.60	76.9%	18.35	0.94	3.16	22.45	YES		YES		YES	0.00
10442	10442-MEMPHIS SUB		370.0		117.45	5.99	95.06	218.51	77.0%	20.81	1.06	3.16	25.03	YES		YES		YES	0.00
10443	10443-MEMPHIS SUB		332.3		776.06	39.59	494.19	1,309.84	60.6%	11.99	0.61	3.16	15.76	YES		YES		YES	0.00
10459	10459-LIVONIA SUB		28.5		809.94	41.32	829.53	1,680.78	97.4%	13.83	0.71	5.26	19.80	NO	NO			YES	0.00
10460	10460-LIVONIA SUB		53.9		1,591.83	81.20	1,330.46	3,003.49	79.5%	17.67	0.90	5.26	23.83	YES		YES		YES	0.00
10491	10491-LAREDO SUB		339.3		2,496.35	127.34	361.04	2,984.73	13.8%	11.94	0.61	4.07	16.62	YES		YES		YES	0.00
10503	10503-BEAUMONT SUB		508.4		407.81	20.80	880.32	1,308.93	205.4%	5.42	0.28	6.31	12.01	NO	YES			YES	0.00
10504	10504-BEAUMONT SUB		277.0		886.37	45.21	1,195.21	2,126.79	128.3%	18.03	0.92	5.86	24.81	NO	YES		NO	YES	0.06
10525	10525-LAFAYETTE SUB		281.5		1,359.03	69.32	785.23	2,213.58	55.0%	18.38	0.89	4.48	23.75	YES		YES		YES	0.86
10526	10526-LAFAYETTE SUB		327.7		1,061.95	54.17	389.51	1,505.63	34.9%	26.32	1.30	4.20	31.82	YES		YES		YES	0.86
10556	10556-GILA SUB		986.6		4,868.71	248.35	1,250.49	6,367.55	24.4%	36.23	1.80	6.15	44.18	YES		YES		YES	0.86
10557	10557-GILA SUB		938.4		14,068.88	717.65	3,941.56	18,728.09	26.7%	32.03	1.59	6.15	39.77	YES		YES		YES	0.86
10558	10558-GILA SUB		770.8		3,690.37	188.25	1,042.91	4,921.53	26.9%	32.58	1.62	6.15	40.35	YES		YES		YES	0.86
10559	10559-LORDSBURG SUB		1298.1		8,680.21	442.78	2,167.82	11,290.81	23.8%	32.87	1.63	5.92	40.42	YES		YES		YES	0.86
10560	10560-LORDSBURG SUB		1209.8		5,625.02	286.93	1,417.21	7,329.16	24.0%	33.50	1.66	6.15	41.31	YES		YES		YES	0.86
10561	10561-LORDSBURG SUB		1149.7		8,190.93	417.82	2,029.44	10,638.18	23.6%	32.90	1.63	6.15	40.68	YES		YES		YES	0.86
10562	10562-LORDSBURG SUB		1065.5		3,314.25	169.06	816.59	4,299.89	23.4%	33.06	1.64	6.15	40.85	YES		YES		YES	0.86
10563	10563-LORDSBURG SUB		1032.6		4,735.62	241.56	1,163.59	6,140.78	23.4%	33.06	1.64	6.15	40.85	YES		YES		YES	0.86
10564	10564-CARRIZOZO SUB		739.6		9,095.45	463.96	2,593.79	12,153.20	27.1%	14.53	0.74	3.15	18.42	YES		YES		YES	0.00
10676	10676-YUMA SUB		732.4		4,938.89	251.93	1,386.12	6,576.95	26.7%	29.72	1.47	6.15	37.34	YES		YES		YES	0.86
10677	10677-YUMA SUB		561.8		9,162.68	467.39	2,527.43	12,157.50	26.2%	30.86	1.53	6.15	38.54	YES		YES		YES	0.86
10678	10678-YUMA SUB		561.8		1,856.40	94.70	496.40	2,447.50	25.4%	32.57	1.62	6.16	40.35	YES		YES		YES	0.86
10692	10692-ALHAMBRA SUB		535.0		1,381.50	70.47	286.95	1,738.91	19.8%	30.60	1.52	4.25	36.37	YES		YES		YES	0.86
10693	10693-ALHAMBRA SUB		513.3		292.76	14.93	124.21	431.91	40.4%	13.04	0.62	4.19	17.85	YES		YES		YES	0.86
10694	10694-ALHAMBRA SUB		502.7		155.13	7.91	97.42	260.45	59.8%	8.75	0.40	2.09	11.24	YES		YES		YES	0.86
10709	10709-OTHER WARSAW_KY_NS_CAR-LOUISVILLE_KY_NS		271.0	W	1.31	0.16	2.59	4.06	176.6%	1.00	0.12	0.00	1.12	NO	YES		NO	NO	0.00
10825	10825-OTHER PARRISH_AL_NS_84-BERRY_AL_NS_863		861.8		0.00	0.00	111.84	111.84	100.0%	1.42	0.17	0.96	2.55	YES	YES		YES	NO	0.00
10872	10872-OTHER DECAPM_IL_NS_092-CARLINVILLE_IL_N	ME	4.2		0.00	0.00	0.15	0.15	100.0%	2.00	0.24	0.00	2.24	YES	YES		YES	NO	0.00
10895	10895-OTHER SALEM_NJ_NS_8741-COMMERCE STREET_		0.0	SW	2.88	0.35	4.15	7.38	128.5%	0.54	0.07	0.00	0.61	YES	YES		YES	YES	0.00
11046	11046-OTHER AYER_MA_NS_900-MILLERS FALLS_MA	HA	377.9		115.46	13.90	224.51	353.87	173.5%	4.00	0.48	0.00	4.48	YES	YES		YES	NO	0.00
11050	11050-OTHER MILLERS FALLS-HOOSICK JUNCTION	HA	445.0		130.43	15.71	249.04	395.17	170.4%	6.00	0.72	0.00	6.72	YES	YES		YES	NO	0.00
11114	11114-OTHER SEBRING_OH-ALLIANCE_OH	PC	83.2		390.39	47.01	70.04	507.43	16.0%	37.61	4.29	5.92	47.82	YES		YES		YES	2.00
11198	11198-OTHER PRUETT_AL_NS_NA6-LEE_AL_NS_NA7	NA	5.2		8.33	1.00	6.97	16.31	74.6%	3.46	0.42	0.02	3.90	YES		YES		YES	0.00
11249	11249-OTHER DAWES-TOWER 87		356.8		289.60	14.77	106.53	410.91	35.0%	24.49	1.21	4.20	29.90	YES		YES		YES	0.86
11250	11250-OTHER SIDNEY-SIDNEY_IL_NS_091	D	327.6		0.00	0.00	14.26	14.26	100.0%	0.00	0.00	0.00	1.05	NO	YES			YES	0.00
11324	11324-OTHER QUINCY_IL-010505		13.2	XG	0.06	0.01	0.16	0.23	227.2%	3.42	0.41	0.00	3.83	NO	YES			YES	0.00
11355	11355-OTHER Node: 20012-CLARKE JCT_IN_NS	BO	246.6		1.38	0.17	1.93	3.47	125.0%	1.42	0.17	0.00	1.59	YES	YES		YES	NO	0.00
11413	11413-OTHER CENTRAL JUNCTION-LEEDS_AL_NS_781		781.9		19.54	2.35	18.14	40.03	82.9%	16.46	1.74	9.93	28.13	YES	YES		YES	NO	2.00
11421	11421-OTHER NORALA_AL_NS_NA4-WILSON_AL_NS_404	NA	5.1		7.00	0.84	6.40	14.24	81.6%	1.56	0.19	0.00	1.75	YES		YES		YES	0.00
11483	11483-OTHER NEVILLE ISLAND_P-DUFFS JCT (POHC)	PO	1.1		0.34	0.04	0.27	0.64	70.0%	1.00	0.12	0.00	1.12	YES		YES		YES	0.00
11514	11514-OTHER HEAFER-UTILITY		202.9		239.10	12.20	20.66	271.95	8.2%	28.36	1.45	3.15	32.96	YES		YES		YES	0.00
11564	11564-OTHER PT350_NS - PT353_NS	PT	353.1		136.70	16.46	22.92	176.09	15.0%	41.95	6.57	3.76	52.28	YES		YES		YES	4.00
11571	11571-OTHER EAST CITY JUNCTI-NEW ORLEANS		9.6		29.70	3.58	48.01	81.29	144.3%	7.03	0.85	7.84	15.72	NO	YES			YES	0.00
11586	11586-OTHER Node: 28464-CP NICE_PA_NS_QA	QA	4.4		0.03	0.00	5.29	5.31	18188.5%	1.32	0.16	0.00	1.48	YES	YES		YES	YES	0.00
11630	11630-OTHER CP-MAX_OH_NS_CD1-CLEVELAND ROCKPO	CD	190.7		10.43	1.26	1.97	13.66	16.8%	43.81	4.79	5.87	54.47	YES		YES		YES	4.00
11633	11633-OTHER BURN_PA_NS_RV34-ALLENTOWN (RJCN)	EN	92.6		12.36	1.49	4.88	18.72	35.2%	15.37	1.85	8.18	25.40	YES	YES		YES	YES	0.00
11643	11643-OTHER WYOMISSING JCT_P-Node: 28103	TW	8.7		32.64	3.93	12.88	49.46	35.2%	24.31	2.93	8.17	35.41	YES	YES		YES	YES	0.00
11664	11664-OTHER SHREVEPORT TS316-SHREVEPORT	UP	53.0		4.09	0.21	10.38	14.68	241.6%	2.71	0.14	4.06	6.91	NO	YES			YES	0.00
11665	11665-OTHER SHREVEPORT SOUTH-KCS SHREVEPORT S	VS	170.0		17.78	2.14	48.12	68.04	241.6%	2.71	0.33	4.32	7.36	NO	YES			YES	0.00
11702	11702-ALLENTOWN (RJCN)-BETHLEHEM_PA	EN	88.6		122.61	14.76	48.42	185.80	35.3%	15.37	1.85	8.18	25.40	YES	YES		YES	YES	0.00
11703	11703-OTHER GASTONIA_NC-RIDGE_NC	HG	45.0		0.63	0.08	1.04	1.75	146.8%	0.58	0.07	0.00	0.65	YES	YES		YES	YES	0.00
11706	11706-OTHER HOOK_PA_NS_PL17-Node: 28937	PL	4.2		0.03	0.00	0.12	0.15	395.2%	0.14	0.02	0.00	0.16	YES	YES		YES	YES	0.00
11728	11728-OTHER: LG3_NS - LGO_NS	LG	0.2		63.49	7.64	30.27	101.40	42.6%	15.50	1.87	3.19	20.56	YES		YES		YES	0.00

UP-NS Response to OEA Request #2
Master Segment Table Rail Lines (A1 & A2)
Includes Organic Growth on Baseline for Non-Transaction Analysis

Segment Key	Segment Name	Segment Distance (GIS miles) ¹ Rounded to 1st Decimal	NOTE	Start Station	Start City/Station	Start State	Start Subdivision Name	Start Prefix	Start Milepost	Start Suffix	End Station	End City/Station	End State	End Subdivision Name
11740	11740-OTHER PHILA PORT-FAIRHILL JCT_PA	1.2		9RC	PHILA PORT RICHMOND_PA_NS_9RC	PA	CONRAIL - SOUTH JERSEY		11.4	RC	4BZ	FAIRHILL JCT_PA_NS_4BZ	PA	CONRAIL - SOUTH JERSEY
11784	11784-OTHER MEMPHISIC-MEMPHIS_TN_NS_54	0.3		XG0931	MEMPHISIC	TN	MEMPHIS SUB		380.7		547A	MEMPHIS_TN_NS_547A	TN	MEMPHIS DISTRICT - WEST END
11834	11834-OTHER CONWAY_PA_NS_PC2-BRIGHT_PA_NS_PC3	3.3		PC23	CONWAY_PA_NS_PC23	PA	FORT WAYNE LINE	PC	22.6		PC30	BRIGHT_PA_NS_PC30	PA	FORT WAYNE LINE
11849	11849-OTHER CHICAGO HEIGHTS-CHTT INTERCHANGE	1.8		ZA027	CHICAGO HEIGHTS	IL	VILLA GROVE SUB		27.8		CT002I	CHTT INTERCHANGE	IL	CHICAGO HEIGHTS IND LD
11852	11852-OTHER VIRGINIA AVE_KY_-LVILLE L YD_KY_N	2.5		273W	VIRGINIA AVE_KY_NS_273W	KY	LOUISVILLE DISTRICT	W	0.0		W02	LVILLE L YD_KY_NS_W02	KY	LOUISVILLE DISTRICT
11858	11858-OTHER MANVILLE_NJ_NS_LP-READING JCT_N	0.5		LE36	MANVILLE_NJ_NS_LE36	NJ	LEHIGH LINE	LE	36.4		LE35	PT READING JCT_NJ_NS_LE35	NJ	LEHIGH LINE
11876	11876-OTHER MONTVIEW_VA_NS_1-NORTH LEG_VA_NS	0.2		175	MONTVIEW_VA_NS_175	VA	DANVILLE DISTRICT (SOUTHERN MAINLINE)		0.0	KM	OKM	NORTH LEG_VA_NS_OKM	VA	DANVILLE DISTRICT (SOUTHERN MAINLINE)
11880	11880-OTHER MACK YARD_MI_NS_-Node: 30721	4.0		0TE	MACK YARD_MI_NS_0TE	MI	CONRAIL - DETROIT		0.5	TE	064906	DETROIT	MI	CONRAIL - DETROIT
11883	11883-OTHER NORSHIPCO-LIGON-COLEMAN PLACE_VA	5.0		NS00	NORSHIPCO-LIGON ST_VA_NS_NS00	VA	NORFOLK TERMINAL	NS	0.0		4SN	COLEMAN PLACE_VA_NS_4SN	VA	NORFOLK TERMINAL
11936	11936-OTHER Node: 29251-CP-HATCH_NJ_NS_4	2.5		063433	PHILADELPHIA	PA	CONRAIL - SOUTH JERSEY		80.0	TA	4BA	CP-HATCH_NJ_NS_4BA	NJ	CONRAIL - SOUTH JERSEY
11939	11939-OTHER MARYVILLE_TN_NS_-KA JCT_TN_NS_130	14.8		16KA	MARYVILLE_TN_NS_16KA	TN	KNOXVILLE WEST END (K&A LINE)		16.2	KA	130A	KA JCT_TN_NS_130A	TN	KNOXVILLE WEST END (K&A LINE)
11985	11985-OTHER KEDZIE-OGDEN JCT	1.6		NZ003	KEDZIE	IL	GENEVA SUB		3.6		G0002	OGDEN JCT	IL	ROCKWELL SUB
11990	11990-OTHER BATON ROUGE-ANCHORAGE	6.8		B 649	BATON ROUGE	LA	BATON ROUGE IND LD		786.3		B 644	ANCHORAGE	LA	ANCHORAGE SUB
12017	12017-OTHER CP-FALLS_PA_NS_H-FAIRHILL JCT_PA	4.0		HP5	CP-FALLS_PA_NS_HP5	PA	CONRAIL - SOUTH JERSEY	HP	5.5		4BZ	FAIRHILL JCT_PA_NS_4BZ	PA	CONRAIL - SOUTH JERSEY
12018	12018-OTHER CENTREVILLE-VALLEY JCT	4.4		CR001	CENTREVILLE	IL	CHURCH IND LD		285.0		C 009	VALLEY JCT	IL	CHESTER SUB
12037	12037-OTHER CLYBOURN CHICAGO-CHICAGO LAKE ST	2.4		CY002	CLYBOURN CHICAGO	IL	HARVARD SUB		2.5		N2000	CHICAGO LAKE ST	IL	GENEVA SUB
12054	12054-OTHER PHILA BELMONT_PA-CP-FIELD_PA_NS_Z	4.0		HP3	PHILA BELMONT_PA_NS_HP3	PA	CONRAIL - SOUTH JERSEY	QA	1.2		ZF0	CP-FIELD_PA_NS_ZF0	PA	CONRAIL - SOUTH JERSEY
12062	12062-OTHER ERAIL_NJ_NS_6WJ-ELIZABETHPORT_NJ	1.0		6WJ	ERAIL_NJ_NS_6WJ	NJ	CONRAIL - NORTH JERSEY		6.0	WJ	5WJ	ELIZABETHPORT_NJ_NS_5WJ	NJ	CONRAIL - NORTH JERSEY
12066	12066-OTHER NEW ORLEANS-LIVE OAK JCT	11.4		C 817	NEW ORLEANS	LA	RACE ST. (NOPB)		9.6		TB015	LIVE OAK JCT	LA	LIVONIA SUB
12086	12086-OTHER Node: 32161-IRONVILLE_OH_NS	4.1	8	066396	TOLEDO	OH	TOLEDO BELT	TB	0.9		07006	IRONVILLE_OH_NS_07006	OH	TOLEDO BELT
12096	12096-OTHER CP-PENROSE_PA-CP-FIELD_PA	3.9		3HD	CP-PENROSE_PA_NS_3HD	PA	CONRAIL - SOUTH JERSEY		3.0	HD	ZF0	CP-FIELD_PA_NS_ZF0	PA	CONRAIL - SOUTH JERSEY
12131	12131-OTHER Node: 31979-CP-BO_MI_NS_FB54	53.3		066178	GRAND RAPIDS	MI	HAULAGE - GDLK		0.1	ZX	FB54	CP-BO_MI_NS_FB54	MI	HAULAGE - GDLK
12140	12140-OTHER CLARKE JCT-TOLLESTON_IN_NS	3.6		09973	CLARKE JCT_IN_NS_09973	IN	CHICAGO DISTRICT	PC	445.7		09972	TOLLESTON_IN_NS_09972	IN	CHICAGO DISTRICT
12149	12149-OTHER JKSMS-JACKSON_MS_NS_JK	96.4		A630	MERIDIAN_MS_NS_A630	MS	HAULAGE - CPKC MERIDIAN SPEEDWAY	VM	0.0		JKSMS	JACKSON_MS_NS_JKSMS	MS	HAULAGE - CPKC MERIDIAN SPEEDWAY
12157	12157-OTHER Node: 36654-MECHANICVILLE_NY	22.7		070896	HOOSICK FALLS	NY	HAULAGE - PAS	HA	445.0		90055	MECHANICVILLE_NY_NS_90055	NY	HAULAGE - PAS
12188	12188-OTHER Node: 29571-CP-BOUND BROOK_N	2.6		063755	MANVILLE	NJ	CONRAIL - NORTH JERSEY		57.3	KH	LE33	CP-BOUND BROOK_NJ_NS_LE33	NJ	CONRAIL - NORTH JERSEY
12204	12204-OTHER FIFE-TACSIM	3.6		OX919	FIFE	WA	SEATTLE SUB		148.6		OX918	TACSIM	WA	SEATTLE SUB
12224	12224-OTHER WASHINGTON ST-WEST EOLA	8.5		NZ031	WASHINGTON ST	IL	GENEVA SUB		30.3		BN035	WEST EOLA	IL	CHICAGO (BNSF)
12261	12261-OTHER LE12_NS_LE17_NS	6.4		LE12	NEWARK SCANNER_NJ_NS_LE12	NJ	CONRAIL - NORTH JERSEY	LE	11.4		LE17	CP-ALDENE_NJ_NS_LE17	NJ	CONRAIL - NORTH JERSEY
12266	12266-OTHER KEARNY_NJ_NS_2PG-Node: 28288	2.3		2PG	KEARNY_NJ_NS_2PG	NJ	CONRAIL - NORTH JERSEY		3.3	PG	062465	JERSEY CITY	NJ	CONRAIL - NORTH JERSEY
12267	12267-OTHER ELIZABETHPORT_NJ-Node: 34161	1.8		5WJ	ELIZABETHPORT_NJ_NS_5WJ	NJ	CONRAIL - NORTH JERSEY		5.5	XG	068399	ELIZABETH	NJ	CONRAIL - NORTH JERSEY
12268	12268-OTHER CP-ISLAND_NJ_NS_OAK ISLAND_NJ_NS	1.5		OIL	CP-ISLAND_NJ_NS_OIL	NJ	CONRAIL - NORTH JERSEY		3.4	RG	LE9	OAK ISLAND_NJ_NS_LE9	NJ	CONRAIL - NORTH JERSEY
12303	12303-OTHER JKSMS-JACKSON_MS_NS_JKSMS	112.1		JKSMS	JACKSON_MS_NS_JKSMS	MS	HAULAGE - CPKC MERIDIAN SPEEDWAY	VM	91.1		C 525I	MONROE INTERCHANGE	LA	MCGEHEE SUB
12304	12304-OTHER MONROE INTERCHAN-Node: 34795	102.8		C 525I	MONROE INTERCHANGE	LA	MCGEHEE SUB		501.1		069033	BOSSIER CITY	LA	HAULAGE - CPKC MERIDIAN SPEEDWAY
12305	12305-OTHER Node: 34795-MURPHY	194.4		069033	BOSSIER CITY	LA	HAULAGE - CPKC MERIDIAN SPEEDWAY	AS	561.9		JF748	MURPHY	TX	CARROLLTON (DART-DGNO-FWW)
12307	12307-OTHER CD518_NS_CD517_NS	1.8		CD518	CP-518_IL_NS_CD518	IL	CHICAGO LINE	CD	518.5		CD517	CHICAGO 47TH ST_TV_IL_NS_CD517	IL	CHICAGO LINE
12310	12310-OTHER Node: 32035-PULLMAN JUNCTION	4.2		066262	CHICAGO	IL	CHICAGO DISTRICT	B	516.4		00512	PULLMAN JUNCTION_IL_NS_00512	IL	CHICAGO DISTRICT
12311	12311-OTHER CP-518_IL_NS_CD5-Node: 30615	2.8		CD518	CP-518_IL_NS_CD518	IL	CHICAGO LINE	CD	518.5		064800	CHICAGO	IL	CHICAGO LINE
12313	12313-OTHER 065311_NS-064800_NS	0.5	3	065311	CHICAGO	IL	TRACKAGE - BNSF CHICAGO		1.7	BN	064800	CHICAGO	IL	TRACKAGE - BNSF CHICAGO
12338	12338-OTHER CP-BAY CITY_MI_N-DELRAY_MI_NS_098	3.7	5	MH2	CP-BAY CITY_MI_NS_MH2	MI	CONRAIL - DETROIT	MH	2.2		09872	DELRAY_MI_NS_09872	MI	CONRAIL - DETROIT
12344	12344-OTHER O 002_UP - MX283L_UP	0.5		O 002	TROOST AVENUE	MO	KC METRO (NEFF)		282.0		MX283L	LYDIAAVE	MO	KC METRO (NEFF)
12347	12347-OTHER MH130_NS-MH121_NS	8.7		MH130	AUGUSTA_MI_NS_MH130	MI	TRACKAGE - AMTRAK MICHIGAN	MH	129.9		MH121	GORD_MI_NS_MH121	MI	TRACKAGE - AMTRAK MICHIGAN
12348	12348-OTHER GORD_MI_NS_MH121-BARON_MI_NS_MH12	1.5		MH121	GORD_MI_NS_MH121	MI	TRACKAGE - AMTRAK MICHIGAN	MH	121.4		MH120	BARON_MI_NS_MH120	MI	TRACKAGE - AMTRAK MICHIGAN
12349	12349-OTHER CP-BO_MI_NS_FB54-MICHIGAN CITY_IN	85.0	8	FB54	CP-BO_MI_NS_FB54	MI	TRACKAGE - AMTRAK MICHIGAN	MH	143.1		04159	MICHIGAN CITY_IN_NS_04159	IN	TRACKAGE - AMTRAK MICHIGAN
12361	12361-OTHER BARON_MI-060287_NS	115.6		MH120	BARON_MI_NS_MH120	MI	TRACKAGE - AMTRAK MICHIGAN	MH	119.5		060287	DETROIT	MI	CONRAIL - DETROIT
12371	12371-OTHER BN035_UP - Z5036_UP	22.0		BN035	WEST EOLA	IL	CHICAGO (BNSF)		35.3		Z5036	JOLIET	IL	JOLIET SUB
12375	12375-OTHER FR61_NS-062280_NS	2.4		FR61	BELT_PA_NS_FR61	PA	READING/HARRISBURG LINE	AF	5.4		062280	WYOMISSING	PA	READING/HARRISBURG LINE
12379	12379-OTHER RD117_NS_CD190_NS	9.5		RD117	CP-117_OH_NS_RD117	OH	CHICAGO LINE	RD	122.5		CD190	CLEVELAND ROCKPORT_OH_NS_CD190	OH	CHICAGO LINE
12408	12408-OTHER CP JUNCTION-WILLOWS	2.3		TR201	CP JUNCTION	IL	EADS SUB (TRRA)		0.0		TR203	WILLOWS	IL	ILLINOIS TRANSFER (TRRA)
12419	12419-OTHER TB114_UP - TB090_UP	24.6		TB114	LIVONIA	LA	LIVONIA SUB		113.9		TB090	ADDIS	LA	LIVONIA SUB
12421	12421-OTHER A&S JCT_IL_NS_7W-VALLEY JCT	2.0		7W	A&S JCT_IL_NS_7W	IL	SOUTHERN WEST DISTRICT		6.3	W	C 009	VALLEY JCT	IL	CHESTER SUB
12424	12424-OTHER VALLEY JCT-NORTH VALLEY JCT	0.4		C 009	VALLEY JCT	IL	CHESTER SUB		0.0		TR207	NORTH VALLEY JCT	IL	MACARTHUR BRIDGE (TRRA)
12425	12425-OTHER 99317_NS_99308_NS	0.3		99317	HOYT JCT_IL_NS_99317	IL	TRACKAGE - TRRA	WM	6.5		99308	WR INTERLOCKING_IL_NS_99308	IL	TRACKAGE - TRRA
12426	12426-OTHER SH INTERLOCK_IL_-BREMEN	2.3		99307	SH INTERLOCK_IL_NS_99307	IL	TRACKAGE - TRRA	VS	0.0		TR006	BREMEN	MO	MERCHANTS SUB (TRRA)

UP-NS Response to OEA Request #2

Master Segment Table Rail Lines (A1 & A2)

Includes Organic Growth on Baseline for Non-Transaction Analysis

Segment Key	Segment Name	End Prefix	End Milepost	End Suffix	Baseline Annual mGTM ^{s2} Rounded to 2nd Decimal	Baseline Organic Growth (5 Years) mGTM ^{s2} Rounded to 2nd Decimal	Transaction Growth mGTM ^{s2,6} Rounded to 2nd Decimal	Year 5 Annual mGTM ^{s2} Rounded to 2nd Decimal	% Transaction mGTM ^s Change Rounded to 1st Decimal	Baseline Trains Per Day (incl. Locals) Rounded to 2nd Decimal	Baseline Organic Growth (5 Years) TPD Rounded to 2nd Decimal	Transaction Growth TPD ⁶ (incl. Locals) Rounded to 2nd Decimal	Year 5 TPD (incl. Locals) Rounded to 2nd Decimal	Nonattainment/Maintenance Zone OR w/in 100 km of Class 1 Area	A1	A2	Both A1 & A2	Hazmat Flag	Current Passenger TPD
11740	11740-OTHER PHILA PORT-FAIRHILL JCT_PA		9.3	RC	1.20	0.14	5.36	6.71	400.1%	1.49	0.18	0.00	1.67	YES	YES		YES	YES	0.00
11784	11784-OTHER MEMPHIS-MEMPHIS_TN_NS_54		551.7	A	26.85	1.37	18.42	46.65	65.3%	14.71	0.75	3.20	18.66	YES		YES		YES	0.00
11834	11834-OTHER CONWAY_PA_NS_PC2-BRIGHT_PA_NS_PC3	PC	28.1		379.78	45.73	62.09	487.61	14.6%	26.97	3.12	3.16	33.25	YES		YES		YES	1.08
11849	11849-OTHER CHICAGO HEIGHTS-CHTT INTERCHANGE		0.5		1.41	0.07	1.17	2.66	79.3%	2.00	0.10	1.43	3.53	YES		YES		YES	0.00
11852	11852-OTHER VIRGINIA AVE_KY_-LVILLE LYD_KY_N	W	2.1		0.86	0.10	1.10	2.06	114.0%	2.38	0.29	0.00	2.67	NO	YES		NO	NO	0.00
11858	11858-OTHER MANVILLE_NJ_NS_L-PT READING JCT_N	LE	36.0		15.36	1.85	6.42	23.63	37.3%	22.78	2.74	8.18	33.70	YES	YES		YES	YES	0.00
11876	11876-OTHER MONTVIEW_VA_NS_1-NORTH LEG_VA_NS_		0.3	KM	1.89	0.23	1.18	3.30	55.6%	3.15	0.32	0.81	4.28	YES		YES		YES	0.50
11880	11880-OTHER MACK YARD_MI_NS_-Node: 30721		4.8	TE	5.01	0.60	2.93	8.54	52.2%	8.86	1.07	0.00	9.93	YES		YES		YES	0.00
11883	11883-OTHER NORSHIPCO-LIGON-COLEMAN PLACE_VA	SN	2.5		0.02	0.00	0.16	0.18	875.0%	0.12	0.01	0.00	0.13	NO	YES			YES	0.00
11936	11936-OTHER Node: 29251-CP-HATCH_NJ_NS_4		78.9	DL	12.82	1.54	21.60	35.97	150.4%	12.19	1.47	0.00	13.66	YES	YES		YES	YES	0.00
11939	11939-OTHER MARYVILLE_TN_NS_-KA JCT_TN_NS_130		0.0	KA	5.29	0.64	7.69	13.62	129.7%	2.36	0.28	0.00	2.64	YES	YES		YES	YES	0.00
11985	11985-OTHER KEDZIE-OGDEN JCT		1.9		43.35	2.21	93.55	139.10	205.3%	15.81	0.81	13.21	29.83	YES	YES		YES	YES	0.00
11990	11990-OTHER BATON ROUGE-ANCHORAGE		643.9		45.28	2.31	43.80	91.40	92.0%	4.44	0.23	0.00	4.67	YES		YES		YES	0.00
12017	12017-OTHER CP-FALLS_PA_NS_H-FAIRHILL JCT_PA_		2.9	BZ	3.56	0.43	20.38	24.37	510.6%	3.28	0.39	0.00	3.67	YES	YES		YES	YES	0.00
12018	12018-OTHER CENTREVILLE-VALLEY JCT		0.0		55.20	2.82	18.72	76.73	32.3%	20.22	1.03	5.57	26.82	YES		YES		YES	0.00
12037	12037-OTHER CLYBOURN CHICAGO-CHICAGO LAKE ST		0.2		0.06	0.00	0.34	0.41	514.1%	109.76	0.02	0.00	109.78	YES	YES		YES	YES	109.44
12054	12054-OTHER PHILA BELMONT_PA-CP-FIELD_PA_NS_Z	ZF	0.0		5.58	0.67	12.91	19.16	206.5%	5.42	0.65	0.00	6.07	YES	YES		YES	YES	0.00
12062	12062-OTHER ERAIL_NJ_NS_6WJ-ELIZABETHPORT_NJ		5.5	WJ	0.00	0.00	2.43	2.43	100.0%	2.00	0.24	4.48	6.72	YES	YES		YES	YES	0.00
12066	12066-OTHER NEW ORLEANS-LIVE OAK JCT		14.8		314.23	16.03	411.62	741.88	124.6%	11.10	0.57	6.43	18.10	NO	YES			YES	0.00
12086	12086-OTHER Node: 32161-IRONVILLE_OH_NS_	TB	5.3		12.82	1.54	6.83	21.19	47.6%	4.82	0.58	1.03	6.43	YES		NO		YES	0.00
12096	12096-OTHER CP-PENROSE_PA-CP-FIELD_PA		0.0	HD	4.59	0.55	10.43	15.57	202.9%	10.28	1.24	0.00	11.52	YES	YES		YES	YES	0.00
12131	12131-OTHER Node: 31979-CP-BO_MI_NS_FB54	FB	54.7		0.06	0.01	0.74	0.82	1046.2%	2.20	0.26	0.00	2.46	NO	YES			YES	0.00
12140	12140-OTHER CLARKE JCT-TOLLESTON_IN_NS	PC	441.8		0.92	0.11	1.28	2.31	125.0%	1.42	0.17	0.00	1.59	YES	YES		YES	NO	0.00
12149	12149-OTHER JKSMS-JACKSON_MS_NS_JK	VM	91.1		368.96	44.43	1,229.69	1,643.08	297.5%	4.71	0.57	4.32	9.60	NO	YES			YES	0.00
12157	12157-OTHER Node: 36654-MECHANICVILLE_NY	HA	467.0		42.22	5.08	80.61	127.91	170.4%	5.97	0.72	0.00	6.69	YES	YES		YES	NO	0.00
12188	12188-OTHER Node: 29571-CP-BOUND BROOK_N	LE	33.2		97.75	11.77	40.88	150.40	37.3%	22.07	2.66	7.91	32.64	YES		YES		YES	0.00
12204	12204-OTHER FIFE-TACSIM		147.5		0.08	0.00	0.11	0.19	134.4%	11.42	0.58	0.00	12.00	YES	YES		YES	YES	0.00
12224	12224-OTHER WASHINGTON ST-WEST EOLA		35.3		27.30	1.39	16.43	45.13	57.3%	1.00	0.05	0.00	1.05	YES		YES		NO	0.00
12261	12261-OTHER LE12_NS_-LE17_NS	LE	16.9		149.89	18.05	41.77	209.70	24.9%	16.98	2.04	4.86	23.88	YES		YES		YES	0.00
12266	12266-OTHER KEARNY_NJ_NS_2PG-Node: 28288		1.6	PG	21.20	2.55	11.09	34.84	46.7%	11.13	1.34	4.86	17.33	YES		YES		NO	0.00
12267	12267-OTHER ELIZABETHPORT_NJ-Node: 34161		11.3	XG	10.47	1.26	14.77	26.50	126.0%	11.28	1.36	3.36	16.00	YES	YES		YES	YES	0.00
12268	12268-OTHER CP-ISLAND_NJ_NS_-OAK ISLAND_NJ_NS		1.8	RG	0.00	0.00	0.02	0.02	1816.2%	1.42	0.17	0.00	1.59	YES	YES		YES	NO	0.00
12303	12303-OTHER JKSMS_NS-MONROE INTERCHANGE		501.1		405.00	48.77	1,349.83	1,803.60	297.5%	4.71	0.57	4.32	9.60	NO	YES			YES	0.00
12304	12304-OTHER MONROE INTERCHAN-Node: 34795	AS	561.9		417.15	21.28	1,304.20	1,742.63	297.5%	4.71	0.24	4.06	9.01	NO	YES			YES	0.00
12305	12305-OTHER Node: 34795-MURPHY		584.2		11.34	1.36	507.20	519.90	3993.6%	2.00	0.24	0.06	2.30	YES	YES		YES	YES	0.00
12307	12307-OTHER CD518_NS_-CD517_NS	CD	516.9		111.80	13.46	75.74	201.01	60.5%	65.55	5.11	11.74	82.40	YES	YES		YES	YES	23.12
12310	12310-OTHER Node: 32035-PULLMAN JUNCTION	B	512.1		0.19	0.02	18.85	19.06	8840.6%	0.70	0.07	2.24	3.01	YES	YES		YES	NO	0.14
12311	12311-OTHER CP-518_IL_NS_CD5-Node: 30615	CD	521.6		85.24	10.26	70.85	166.36	74.2%	39.52	1.73	4.84	46.09	YES		YES		YES	25.14
12313	12313-OTHER 065311_NS-064800_NS		1.9	BN	46.65	5.62	38.77	91.04	74.2%	12.96	1.56	4.84	19.36	YES		YES		YES	0.00
12338	12338-OTHER CP-BAY CITY_MI_N-DELRAY_MI_NS_098	DR	5.4		0.17	0.02	0.28	0.47	141.7%	0.58	0.07	0.00	0.65	YES	YES		YES	NO	0.00
12344	12344-OTHER O 002_UP - MX283L_UP		281.7		185.78	9.48	29.63	224.89	15.2%	69.31	3.54	5.74	78.59	YES		YES		YES	0.00
12347	12347-OTHER MH130_NS-MH121_NS	MH	121.4		0.53	0.06	0.79	1.39	132.6%	1.42	0.17	0.00	1.59	NO	YES			NO	0.00
12348	12348-OTHER GORD_MI_NS_MH121-BARON_MI_NS_MH12	MH	119.5		0.12	0.01	0.18	0.31	132.6%	1.42	0.17	0.00	1.59	NO	YES			NO	0.00
12349	12349-OTHER CP-BO_MI_NS_FB54-MICHIGAN CITY_IN	MH	228.5		12.43	1.50	6.35	20.27	45.6%	0.47	0.06	0.00	0.53	YES		NO		YES	0.00
12361	12361-OTHER BARON_MI-060287_NS	JC	1.0		155.48	18.72	104.24	278.44	59.8%	2.78	0.33	0.00	3.11	YES		YES		YES	0.00
12371	12371-OTHER BN035_UP - Z5036_UP		36.8		67.57	3.45	40.74	111.76	57.4%	1.00	0.05	0.00	1.05	YES		YES		NO	0.00
12375	12375-OTHER FR61_NS_-062280_NS	TW	8.7		147.69	17.78	62.82	228.29	38.0%	19.56	2.36	8.19	30.11	YES	YES		YES	YES	0.00
12379	12379-OTHER RD117_NS_-CD190_NS	CD	190.6		922.78	111.11	180.19	1,214.08	17.4%	46.67	5.15	5.89	57.71	YES		YES		YES	3.86
12408	12408-OTHER CP JUNCTION-WILLOWS		3.4		118.66	6.05	118.66	129.60	3.9%	30.32	1.55	5.12	36.99	YES		YES		NO	0.00
12419	12419-OTHER TB114_UP - TB090_UP		90.1		1,299.70	66.30	916.68	2,282.68	67.1%	18.05	0.92	5.26	24.23	YES		YES		YES	0.00
12421	12421-OTHER A&S JCT_IL_NS_7W-VALLEY JCT		0.0		0.01	0.00	15.26	15.26	238906.2%	0.00	0.00	4.48	4.48	YES	YES		YES	YES	0.00
12424	12424-OTHER VALLEY JCT-NORTH VALLEY JCT		7.0		3.82	0.19	1.29	5.30	32.1%	43.05	2.20	12.22	57.47	YES	YES		YES	YES	0.00
12425	12425-OTHER 99317_NS_-99308_NS	WM	6.2		4.20	0.51	-0.29	4.45	-5.5%	10.33	1.24	3.52	15.09	YES		YES		YES	0.00
12426	12426-OTHER SH INTERLOCK_IL_-BREMEN		5.8		0.00	0.00	14.61	14.62	284988.1%	0.00	0.00	2.24	2.24	YES	YES		YES	YES	0.00

UP-NS Response to OEA Request #2

Master Segment Table Rail Lines (A1 & A2)

Includes Organic Growth on Baseline for Non-Transaction Analysis

Segment Key	Segment Name	Segment Distance (GIS miles) ¹ Rounded to 1st Decimal	NOTE	Start Station	Start City/Station	Start State	Start Subdivision Name	Start Prefix	Start Milepost	Start Suffix	End Station	End City/Station	End State	End Subdivision Name
12427	12427-OTHER BREMEN-POPLAR STREET	3.2		TR006	BREMEN	MO	MERCHANTS SUB (TRRA)		5.8		TR004	POPLAR STREET	MO	MERCHANTS SUB (TRRA)
12433	12433-OTHER SOUTH APPROACH-MACARTHUR BRIDGE	0.5		TR151	SOUTH APPROACH	MO	MACARTHUR BRIDGE (TRRA)		0.7		TR101	MACARTHUR BRIDGE	MO	MACARTHUR BRIDGE (TRRA)
12435	12435-OTHER 062454_NS-CP RON_NJ	0.6		062454	PORT READING	NJ	CONRAIL - NORTH JERSEY		7.6	XG	17XG	CP RON_NJ_NS_17XG	NJ	CONRAIL - NORTH JERSEY
12437	12437-OTHER Node: 27582-Node: 28320	1.0		061390	LINDEN	NJ	CONRAIL - NORTH JERSEY		0.0	LD	062497	LINDEN	NJ	CONRAIL - NORTH JERSEY
12438	12438-OTHER CP RON_NJ_NS_17X-Node: 28327	0.2		17XG	CP RON_NJ_NS_17XG	NJ	CONRAIL - NORTH JERSEY		13.4	XG	062504	PORT READING	NJ	CONRAIL - NORTH JERSEY
12439	12439-OTHER Node: 28325-BOUND BROOK_NJ_N	17.9		062502	CARTERET	NJ	CONRAIL - NORTH JERSEY		12.1	XG	30ET	BOUND BROOK_NJ_NS_30ET	NJ	CONRAIL - NORTH JERSEY
12440	12440-OTHER 10770_NS - 070661_NS	0.1		10770	SANDUSKY OH_NS_10770	OH	SANDUSKY DISTRICT	S	109.3		070661	SANDUSKY	OH	CHICAGO LINE
12454	12454-OTHER KCBN EAST SCANNE-SHEFFIELD	8.4		BNSF1	KCBN EAST SCANNER_MO_NS_BNSF1	MO	TRACKAGE RIGHTS - BNSF	KC	3.1		L 513	SHEFFIELD	MO	KC METRO (COFFEYVILLE)
12459	12459-OTHER BOUND BROOK_NJ-CP-ALDENE_NJ	16.4		30ET	BOUND BROOK_NJ_NS_30ET	NJ	CONRAIL - NORTH JERSEY	LE	33.1		LE17	CP-ALDENE_NJ_NS_LE17	NJ	CONRAIL - NORTH JERSEY
12460	12460-OTHER 068399_NS-S FRONT STREET_N	0.1		068399	ELIZABETH	NJ	CONRAIL - NORTH JERSEY		11.3	XG	1BG	S FRONT STREET_NJ_NS_1BG	NJ	CONRAIL - NORTH JERSEY
12475	12475-OTHER S FRONT STREET-062497_NS	3.9		1BG	S FRONT STREET_NJ_NS_1BG	NJ	CONRAIL - NORTH JERSEY		8.0	XG	062497	LINDEN	NJ	CONRAIL - NORTH JERSEY
12482	12482-LIVONIA SUB	12.1		TB028	TAFT	LA	LIVONIA SUB		28.5		TB015	LIVE OAK JCT	LA	LIVONIA SUB
12499	12499-OTHER LINDEN_NJ-061390_NS	4.6		2LD	LINDEN_NJ_NS_2LD	NJ	CONRAIL - NORTH JERSEY		2.9	LD	061390	LINDEN	NJ	CONRAIL - NORTH JERSEY
12500	12500-OTHER 061390_NS-062502_NS	0.9		061390	LINDEN	NJ	CONRAIL - NORTH JERSEY		10.9	XG	062502	CARTERET	NJ	CONRAIL - NORTH JERSEY
12519	12519-OTHER 066091_NS-00512_NS	6.0		066091	RIVERDALE	IL	TRACKAGE RIGHTS	IC	16.0		99012	95TH STREET_IL_NS_99012	IL	TRACKAGE RIGHTS
12526	12526-OTHER OGDEN AVENUE-OGDEN JCT	2.0	3	UW5	OGDEN AVENUE JCT_IL_NS_UW5	IL	CR & I IT	UW	5.3		G0002	OGDEN JCT	IL	ROCKWELL SUB
12527	12527-OTHER ARMSTRONG YARD-BROADWAY	3.3		KX003	ARMSTRONG YARD	KS	KC METRO (KANSAS)		3.0		O 003	BROADWAY	MO	KC METRO (FALLS CITY)
12531	12531-OTHER MACARTHUR BRIDGE-NORTH VALLEY JCT	1.8		TR101	MACARTHUR BRIDGE	MO	MACARTHUR BRIDGE (TRRA)		1.0		TR207	NORTH VALLEY JCT	IL	MACARTHUR BRIDGE (TRRA)
12532	12532-OTHER NORTH VALLEY JCT-WILLOWS	3.3		TR207	NORTH VALLEY JCT	IL	MACARTHUR BRIDGE (TRRA)		7.0		TR203	WILLOWS	IL	ILLINOIS TRANSFER (TRRA)
12535	12535-OTHER PHILA TERM_PA-CP-PENROSE_PA	3.2		4HD	PHILA S PHILA TERM_PA_NS_4HD	PA	CONRAIL - SOUTH JERSEY		7.0	HD	3HD	CP-PENROSE_PA_NS_3HD	PA	CONRAIL - SOUTH JERSEY
12539	12539-HARRISBURG LINE	4.4		HP3	PHILA BELMONT_PA_NS_HP3	PA	CONRAIL - SOUTH JERSEY	QA	1.2		80TA	PHILA BUTLER STREET_PA_NS_80TA	PA	CONRAIL - SOUTH JERSEY
12545	12545-OTHER: LG0_NS - 060409_NS	0.3		LG0	FRONT STREET_PA_NS_LG0	PA	LURGAN DISTRICT	LG	0.2		060409	HARRISBURG	PA	LURGAN DISTRICT
12551	12551-TRACKAGE - AMTRAK NE CORRIDOR 062656_NS -	15.5		062656	PHILADELPHIA	PA	CONRAIL - SOUTH JERSEY		3.1	WR	87AM	PHILADELPHIA_PA_NS_87AM	PA	CONRAIL - SOUTH JERSEY
12613	12613-OTHER 062465_NS - 2NZ_NS	1.1		062465	JERSEY CITY	NJ	CONRAIL - NORTH JERSEY		6.0	NR	2NZ	CP-CROXTON_NJ_NS_2NZ	NJ	CONRAIL - NORTH JERSEY
12616	12616-OTHER 063584_NS - 2PG_NS	0.2		063584	KEARNY	NJ	CONRAIL - NORTH JERSEY		1.0	CK	2PG	KEARNY_NJ_NS_2PG	NJ	CONRAIL - NORTH JERSEY
12619	12619-OTHER OIL_NS - 75069_NS	0.2		OIL	CP-ISLAND_NJ_NS_OIL	NJ	CONRAIL - NORTH JERSEY		3.4	RG	75069	WAVERLY_NJ_NS_75069	NJ	CONRAIL - NORTH JERSEY
12682	12682-OTHER 066092_NS - QP294_NS	0.6		066092	RIVERDALE	IL	TRACKAGE - CN CHICAGO		11.9	FP	QP294	RIVERDALE_IL_NS_QP294	IL	TRACKAGE - CN CHICAGO
12683	12683-OTHER QP294_NS - QP293_NS	0.7		QP294	RIVERDALE_IL_NS_QP294	IL	BERNICE R.T.	QP	294.2		QP293	DOLTON_IL_NS_QP293	IL	BERNICE R.T.
12690	12690-OTHER 04159_NS - CD482_NS	12.5		04159	MICHIGAN CITY_IN_NS_04159	IN	TRACKAGE - AMTRAK MICHIGAN	MH	228.5		CD482	PORTER_IN_NS_CD482	IN	TRACKAGE - AMTRAK MICHIGAN
12692	12692-OTHER 09971_NS - 09972_NS	1.4		09971	GARY_IN_NS_09971	IN	CHICAGO DISTRICT		255.1	PB	09972	TOLLESTON_IN_NS_09972	IN	CHICAGO DISTRICT
12699	12699-OTHER ZS036_UP - AT013_UP	23.5		ZS036	JOLIET	IL	JOLIET SUB		36.8		AT013	MCCOOK BNSF	IL	CHILLICOTHE (BNSF)
12716	12716-OTHER 02445_NS - 99317_NS	4.3		02445	A&S_IL_NS_02445	IL	ALTON DISTRICT	AS	0.0		99317	HOYT JCT_IL_NS_99317	IL	ALTON DISTRICT
12718	12718-OTHER 99307_NS - 5W_NS	3.7		99307	SH INTERLOCK_IL_NS_99307	IL	BROOKLYN DISTRICT	VS	0.0		5W	SOUTHERN CROSSING_IL_NS_5W	IL	BROOKLYN DISTRICT
12734	12734-OTHER CP-ALDENE_NJ-CRANFORD_NJ_NS	1.1		LE17	CP-ALDENE_NJ_NS_LE17	NJ	CONRAIL - NORTH JERSEY		14.8	ET	16ET	CRANFORD_NJ_NS_16ET	NJ	CONRAIL - NORTH JERSEY
12736	12736-OTHER DUNELLEN_NJ-BOUND BROOK_NJ	7.0		23ET	PLAINFIELD_NJ_NS_23ET	NJ	CONRAIL - NORTH JERSEY		23.1	ET	30ET	BOUND BROOK_NJ_NS_30ET	NJ	30ET
12738	12738-OTHER B 644_UP - TB114_UP	22.8		B 644	ANCHORAGE	LA	ANCHORAGE SUB		643.9		TB114	LIVONIA	LA	LIVONIA SUB
12745	12745-OTHER UW5_NS - 065033_NS	1.5	3	UW5	OGDEN AVENUE JCT_IL_NS_UW5	IL	CR & I IT	UW	4.9		065033	CHICAGO	IL	CR & I IT
12748	12748-OTHER 065311_NS - UW5_NS	0.5		065311	CHICAGO	IL	CR & I IT	UW	4.9		UW5	OGDEN AVENUE JCT_IL_NS_UW5	IL	CR & I IT
12753	12753-OTHER 065033_NS - UW2_NS	1.9	3	065033	CHICAGO	IL	CR & I IT	UW	3.4		UW2	CHICAGO ASHLAND AVE_IL_NS_UW2	IL	CR & I IT
12754	12754-OTHER UW2_NS - CD518_NS	1.6	3	UW2	CHICAGO ASHLAND AVE_IL_NS_UW2	IL	CR & I IT	UW	1.6		CD518	CP-518_IL_NS_CD518	IL	CR & I IT
12755	12755-OTHER CD517_NS - 066262_NS	3.0		CD517	CHICAGO 47TH ST_TV_IL_NS_CD517	IL	TRACKAGE - METRA	ME	4.9		066262	CHICAGO	IL	TRACKAGE - METRA

UP-NS Response to OEA Request #2

Master Segment Table Rail Lines (A1 & A2)

Includes Organic Growth on Baseline for Non-Transaction Analysis

Segment Key	Segment Name	End Prefix	End Milepost	End Suffix	Baseline Annual mGTMs ² Rounded to 2nd Decimal	Baseline Organic Growth (5 Years) mGTMs ² Rounded to 2nd Decimal	Transaction Growth mGTMs ^{2,6} Rounded to 2nd Decimal	Year 5 Annual mGTMs ² Rounded to 2nd Decimal	% Transaction mGTMs Change Rounded to 1st Decimal	Baseline Trains Per Day (incl. Locals) Rounded to 2nd Decimal	Baseline Organic Growth (5 Years) TPD Rounded to 2nd Decimal	Transaction Growth TPD ⁶ (incl. Locals) Rounded to 2nd Decimal	Year 5 TPD (incl. Locals) Rounded to 2nd Decimal	Nonattainment/Maintenance Zone OR w/in 100 km of Class 1 Area	A1	A2	Both A1 & A2	Hazmat Flag	Current Passenger TPD
12427	12427-OTHER BREMEN-POPLAR STREET		2.6		3.89	0.20	43.77	47.86	1071.7%	1.52	0.08	4.99	6.59	YES	YES		YES	YES	0.00
12433	12433-OTHER SOUTH APPROACH-MACARTHUR BRIDGE		1.0		44.00	2.24	18.97	65.22	41.0%	19.73	1.01	5.00	25.74	YES		YES		YES	0.00
12435	12435-OTHER 062454_NS-CP RON_NJ		13.4	XG	4.40	0.53	4.17	9.10	84.7%	1.88	0.23	3.33	5.44	YES		YES		YES	0.00
12437	12437-OTHER Node: 27582-Node: 28320		0.0	TH	4.30	0.52	6.79	11.60	141.1%	6.42	0.77	3.36	10.55	YES	YES		YES	YES	0.00
12438	12438-OTHER CP RON_NJ_NS_17X-Node: 28327		13.2	XG	0.99	0.12	1.47	2.58	133.1%	15.34	1.85	3.36	20.55	YES	YES		YES	YES	0.00
12439	12439-OTHER Node: 28325-BOUND BROOK_NJ_N		30.0	ET	120.88	14.56	114.72	250.16	84.7%	3.08	0.37	2.88	6.33	YES		YES		YES	0.00
12440	12440-OTHER 10770_NS - 070661_NS	CD	243.0		4.85	0.58	7.30	12.74	134.4%	16.85	2.03	13.60	32.48	NO	YES			YES	0.00
12454	12454-OTHER KCBN EAST SCANNE-SHEFFIELD		280.4		5.56	0.67	4.00	10.23	64.2%	2.47	0.30	0.02	2.79	YES		YES		YES	0.00
12459	12459-OTHER BOUND BROOK_NJ-CP-ALDENE_NJ	LE	19.4		439.84	52.96	122.96	615.75	25.0%	18.64	2.24	4.86	25.74	YES		YES		YES	0.00
12460	12460-OTHER 068399_NS-S FRONT STREET_N		8.0	XG	1.01	0.12	1.33	2.46	117.0%	10.72	1.29	3.36	15.37	YES	YES		YES	YES	0.00
12475	12475-OTHER S FRONT STREET-062497_NS		9.9	XG	8.31	1.00	12.38	21.70	133.0%	7.66	0.92	3.36	11.94	YES	YES		YES	YES	0.00
12482	12482-LIVONIA SUB		14.8		404.83	20.65	458.24	883.72	107.7%	11.61	0.59	5.26	17.46	NO	YES			YES	0.00
12499	12499-OTHER LINDEN_NJ-061390_NS		0.0	LD	1.27	0.15	2.29	3.71	161.0%	3.78	0.46	0.00	4.24	YES	YES		YES	YES	0.00
12500	12500-OTHER 061390_NS-062502_NS		12.1	XG	5.70	0.69	8.83	15.21	138.2%	12.70	1.53	3.36	17.59	YES	YES		YES	YES	0.00
12519	12519-OTHER 066091_NS-00512_NS	IC	11.9		0.00	0.00	11.13	11.13	100.0%	0.00	0.00	2.24	2.24	YES	YES		YES	NO	0.00
12526	12526-OTHER OGDEN AVENUE-OGDEN JCT		1.9		1.97	0.24	5.26	7.47	238.2%	10.23	1.23	14.08	25.54	YES	YES		YES	YES	0.00
12527	12527-OTHER ARMSTRONG YARD-BROADWAY		284.7		309.78	15.80	69.95	395.53	21.5%	42.13	2.15	7.69	51.97	YES		YES		YES	0.00
12531	12531-OTHER MACARTHUR BRIDGE-NORTH VALLEY JCT		7.0		88.11	4.49	54.50	147.10	58.9%	22.59	1.15	6.05	29.79	YES		YES		YES	0.00
12532	12532-OTHER NORTH VALLEY JCT-WILLOWS		3.4		147.41	7.52	9.91	164.84	6.4%	20.46	1.04	6.17	27.67	YES		YES		YES	0.00
12535	12535-OTHER PHILA TERM_PA-CP-PENROSE_PA		3.0	HD	5.73	0.69	14.71	21.13	229.1%	10.28	1.24	0.00	11.52	YES	YES		YES	YES	0.00
12539	12539-HARRISBURG LINE		80.3	TA	37.80	4.55	37.88	80.24	89.4%	10.73	1.29	0.00	12.02	YES	NO	YES	NO	YES	0.00
12545	12545-OTHER: LG0_NS - 060409_NS	HJ	0.0		1.56	0.19	1.47	3.21	84.3%	5.22	0.63	3.20	9.05	YES		YES		YES	0.00
12551	12551-TRACKAGE - AMTRAK NE CORRIDOR 062656_NS -		76.0	AM	0.19	0.02	6.18	6.39	2933.9%	1.04	0.13	0.00	1.17	YES	YES		YES	YES	0.00
12613	12613-OTHER 062465_NS - 2NZ_NS		4.7	NR	16.17	1.95	8.38	26.49	46.3%	11.64	1.40	4.86	17.90	YES		YES		NO	0.00
12616	12616-OTHER 063584_NS - 2PG_NS		1.0	CK	0.12	0.01	0.07	0.20	47.7%	8.58	1.03	4.86	14.47	YES		YES		NO	0.00
12619	12619-OTHER OIL_NS - 75069_NS		4.0	RG	0.00	0.00	0.01	0.01	1814.9%	1.42	0.17	0.00	1.59	YES	YES		YES	NO	0.00
12682	12682-OTHER 066092_NS - QP294_NS	QP	294.2		0.00	0.00	0.45	0.45	100.0%	0.00	0.00	0.27	0.27	YES	YES		YES	NO	0.00
12683	12683-OTHER QP294_NS - QP293_NS	QP	293.4		2.81	0.34	3.64	6.79	115.8%	0.86	0.10	2.24	3.20	YES	YES		YES	YES	0.00
12690	12690-OTHER 04159_NS - CD482_NS	MH	240.7		2.21	0.27	1.88	4.36	76.1%	0.59	0.07	0.00	0.66	YES		YES		YES	0.00
12692	12692-OTHER 09971_NS - 09972_NS		256.4	PB	0.31	0.04	0.43	0.78	125.0%	1.42	0.17	0.00	1.59	YES	YES		YES	NO	0.00
12699	12699-OTHER ZS036_UP - AT013_UP		13.8		176.98	9.03	131.93	317.93	70.9%	3.89	0.20	0.00	4.09	YES		YES		NO	0.00
12716	12716-OTHER 02445_NS - 99317_NS	AE	9.3		0.00	0.00	11.38	11.38	100.0%	0.16	0.02	2.33	2.51	YES	YES		YES	YES	0.00
12718	12718-OTHER 99307_NS - 5W_NS	VS	6.3		0.00	0.00	5.15	5.15	100.0%	0.04	0.00	0.52	0.56	YES	YES		YES	YES	0.00
12734	12734-OTHER CP-ALDENE_NJ-CRANFORD_NJ_NS		16.1	ET	0.02	0.00	0.04	0.06	133.9%	1.42	0.17	0.00	1.59	YES	YES		YES	NO	0.00
12736	12736-OTHER DUNELLEN_NJ-BOUND BROOK_NJ		30.0	ET	0.18	0.02	0.11	0.31	53.2%	1.42	0.17	0.00	1.59	YES		YES		NO	0.00
12738	12738-OTHER B 644_UP - TB114_UP		113.9		222.39	11.34	131.83	365.57	56.4%	6.54	0.33	0.00	6.87	YES		YES		YES	0.00
12745	12745-OTHER UW5_NS - 065033_NS	UW	3.4		28.34	3.41	55.67	87.42	175.4%	7.51	0.90	8.95	17.36	YES	YES		YES	YES	0.00
12748	12748-OTHER 065311_NS - UW5_NS	UW	5.4		27.49	3.31	22.85	53.65	74.2%	13.72	1.65	3.92	19.29	YES		YES		YES	0.00
12753	12753-OTHER 065033_NS - UW2_NS	UW	1.6		26.41	3.18	51.48	81.06	174.0%	8.04	0.97	8.95	17.96	YES	YES		YES	YES	0.00
12754	12754-OTHER UW2_NS - CD518_NS	UW	0.0		71.16	8.57	41.00	120.73	51.4%	31.84	3.83	6.90	42.57	YES		YES		YES	0.00
12755	12755-OTHER CD517_NS - 066262_NS	ME	8.0		0.00	0.00	13.91	13.91	100.0%	5.14	0.00	2.24	7.38	YES	YES		YES	YES	5.14

UP-NS Response to OEA Request #2

Master Segment Table for Rail Yards in Nonattainment, Class 1, or Maintenance Areas (A3)

Includes Organic Growth on Baseline for Non-Transaction Analysis

Yard Code	Owner RR	Yard Name	NOTE	Baseline Carloads Per Day (CPD)	Baseline Organic Growth (5 Years) CPD	Transaction Growth CPD ⁵	Year 5 CPD	% Transaction CPD Change	Address	City, St	Zip	Nonattainment/Maintenance Zone OR w/in 100 km of Class 1 Area
LB87_NS	NS	Allentown		331	40	78	449	21.0%	950 River Dr	Allentown, PA	18109	Yes
791_NS	NS	Birmingham		1,651	199	425	2,275	23.0%	2417 Ruffner Ct	Birmingham, AL	35210	Yes
240A_NS	NS	Chattanooga		1,671	201	642	2,514	34.3%	2008 Riverside Dr	Chattanooga, TN	37406	Yes
NX001_UP	UP	Council Bluffs	9	727	37	143	907	18.7%	1749 14th Ave	Council Bluffs, IA	51501	Yes
123A_NS	NS	Knox Sevier Yard		288	35	210	533	65.0%	7198 Old Rutledge Pike	Knoxville, TN	37924	Yes
271W_NS	NS	Louisville		354	43	86	483	21.7%	3208 Gilligan St	Louisville, KY	40212	Yes
242H_NS	NS	Macon	9	1,172	141	261	1,574	19.9%	355 Turpin St	Macon, GA	31206	Yes
10563_NS	NS	Portsmouth		185	22	43	250	20.8%	2435 8th St	Portsmouth, OH	45662	Yes

UP-NS Response to OEA Request #2

Master Segment Table for Intermodal Yards & Auto Ramps (A4)

Includes Organic Growth on Baseline for Non-Transaction Analysis

Yard Code	Owner RR	NOTE	Yard Name	Type	Baseline Trucks Per Day	Baseline Organic Growth (5 Years) Trucks Per Day	Transaction Growth Trucks Per Day ⁶	Year 5 Trucks Per Day	% Transaction Truck Per Day Change	Address	City, St	Zip
148H_NS	NS		Atlanta (Inman)	Intermodal	767	92	186	1,045	21.7%	1600 Marietta Road NW, Gate 6	Atlanta, GA	30318
135H_NS	NS		Austell	Intermodal	1,114	134	297	1,545	23.8%	6000 Dr. Luke Glenn Garrett, Jr. Memorial Highway	Austell, GA	30106
90013_NS	NS		Ayer	Intermodal	86	10	264	360	275.0%	133 Barnum Road	Ayer, MA	30106
72681_NS	NS		Bethlehem	Intermodal	368	44	73	485	17.7%	2400 Commerce Center Blvd	Bethlehem, PA	18015
SP761_UP	UP		Inland Empire	Intermodal	188	10	790	988	399.0%	19010 Slover Avenue	Bloomington, CA	92316
385_NS	NS		Charlotte	Intermodal	472	57	402	931	76.0%	5710 West Boulevard	Charlotte, NC	28208
10001_NS	NS		Norfolk Portlock (Chesapeake)	Intermodal	147	18	39	204	23.6%	2704 Josef Theurer Lane	Chesapeake, VA	23324
CD517_NS	NS		Chicago (47th Street)	Intermodal	675	81	137	893	18.1%	361 West 47th Street	Chicago, IL	60609
ZA014_NS	NS		Chicago Calumet	Intermodal	962	116	87	1,165	8.1%	2017 E 103rd Street	Chicago, IL	60617
10646_NS	NS		Columbus (Rickenbacker)	Intermodal	652	79	205	936	28.0%	3329 Thoroughbred Drive	Columbus, OH	43217
CX809_UP	UP		Los Angeles (ELA)	Intermodal	942	48	97	1,087	9.8%	4341 East Washington Blvd.	City of Commerce, CA	90023
CO486_UP	UP		City Of Industry	Intermodal	615	31	135	781	20.9%	17225 Arenth Avenue	City of Industry, CA	91748
NX001_UP	UP		Council Bluffs	Intermodal	159	8	271	438	162.3%	2722 South Avenue	Council Bluffs, IA	51503
MH5_NS	NS		Detroit (Livernois)	Intermodal	315	38	439	792	124.4%	2725 Livernois Avenue	Detroit, MI	48209
6WJ_NS	NS		Erail (Elizabeth)	Intermodal	0	0	455	455	100.0%	Port Newark- Elizabeth City Marine Complex	Elizabeth, NJ	07201
PX868_UP	UP		Lathrop	Intermodal	626	32	485	1,143	73.7%	1000 E. Roth Road	French Camp, CA	5231
HP113_NS	NS		Harrisburg	Intermodal	782	94	84	960	9.6%	3500 Industrial Road	Harrisburg, PA	17110
HP108_NS	NS		Rutherford	Intermodal	664	80	91	835	12.2%	5050 Paxton Street	Harrisburg, PA	17111
B 372_UP	UP		Houston (Settegast)	Intermodal	246	13	516	775	199.2%	6800 Kirkpatrick Blvd.	Houston, TX	77028
339A_NS	NS		Huntsville	Intermodal	78	9	141	228	162.1%	2850 Wall Triana Hwy SW	Huntsville, AL	35824
ND2_NS	NS		Croxtton	Intermodal	831	100	627	1,558	67.3%	125 County Road	Jersey City, NJ	07307
09720_NS	NS		Kansas City (Voltz)	Intermodal	1,060	128	124	1,312	10.4%	4800 North Kimball	Kansas City, MO	64161
MV6_NS	NS		Morrisville	Intermodal	287	35	184	506	57.1%	98 Cabot Blvd. East	Langhorne, PA	19047
AX482_UP	UP		Port Laredo	Intermodal	251	13	300	564	113.6%	12101 Jim Young Way	Laredo, TX	78045
CO470_UP	UP		LATC	Intermodal	451	23	360	834	75.9%	599 North Mission Road	Los Angeles, CA	90033
282W_NS	NS		Louisville (Appliance Park)	Intermodal	494	59	416	969	75.2%	4913 Heller St.	Louisville, KY	40218
RD110_NS	NS		Cleveland (Maple Heights)	Intermodal	287	35	240	562	74.5%	5300 Greenhurst Drive	Maple Heights, OH	44137
XG077_UP	UP		Marion	Intermodal	608	31	472	1,111	73.9%	5500 Kuhn Road	Marion, AR	72364
90055_NS	NS		Mechanicville	Intermodal	110	13	34	157	27.6%	50 Route 67	Mechanicville, NY	12118
TP202_UP	UP		Mesquite	Intermodal	679	35	80	794	11.2%	4100 Forney	Mesquite, TX	75149
EC424_UP	UP		Twin Cities	Intermodal	45	2	165	212	351.1%	525 Kasota Ave SE	Minneapolis, MN	55414
SC7_NS	NS		Charleston (7-Mile)	Intermodal	576	69	87	732	13.5%	4350 Goer Drive	N. Charleston, SC	29406
NZ020_UP	UP		Global 2	Intermodal	1,132	58	320	1,510	26.9%	301 W. Lake Street	Northlake, IL	60164
CJ247_NS	NS		Sharonville	Intermodal	185	22	465	672	224.6%	3155 E. Sharon Road	Sharonville, OH	45241
OX918_UP	UP		TACSIM	Intermodal	234	12	107	353	43.5%	1738 Milwaukee Way	Tacoma, WA	98421
CD292_NS	NS		Toledo	Intermodal	102	12	408	522	357.9%	2101 Hill Avenue	Toledo, OH	43607
SO232_UP	UP		San Antonio (SAIT)	Intermodal	163	8	127	298	74.3%	13001 IH-35 South	Von Ormy, TX	78073
PT337_NS	NS		Pittsburgh (Pitcairn)	Intermodal	142	17	38	197	23.9%	701 Wall Avenue	Wall, PA	15148
1285_NS	NS		Atlanta Hapeville / Poole Creek	Auto Ramp	54	7	7	68	11.5%	33 Southwoods Parkway	Hapeville, GA	30354
90013_NS	NS		Ayer (1 & 2)	Auto Ramp	30	4	10	44	29.4%	4 Willow Road	Ayer, MA	01432

UP-NS Response to OEA Request #2

Master Segment Table for Intermodal Yards & Auto Ramps (A4)

Includes Organic Growth on Baseline for Non-Transaction Analysis

Yard Code	Owner RR	NOTE	Yard Name	Type	Baseline Trucks Per Day	Baseline Organic Growth (5 Years) Trucks Per Day	Transaction Growth Trucks Per Day ⁶	Year 5 Trucks Per Day	% Transaction Truck Per Day Change	Address	City, St	Zip
IP1_NS	NS		Baltimore Bayview	Auto Ramp	6	1	4	11	57.1%	4800 East Lombard St.	Baltimore, MD	01432
A495_NS	NS		Birmingham/McCalla	Auto Ramp	17	2	3	22	15.8%	7100 Crescent Way	McCalla, AL	35111
00520_NS	NS		Chicago Mixing Center / Hegewisch	Auto Ramp	64	8	65	137	90.3%	13227 South Torrence Avenue	Chicago, IL	60633
09869_NS	NS		Detroit / Melvindale	Auto Ramp	69	8	74	151	96.1%	1461 South Schaefer Road	Melvindale, MI	48122
CD422_NS	NS		Elkhart	Auto Ramp	7	1	13	21	162.5%	29625 County Road 20 West	Elkhart, IN	46517
00281_NS	NS		Fostoria Mixing Center	Auto Ramp	0	0	2	2	100.0%	3101 North Township Road 47	Fostoria, OH	44830
G258_NS	NS		Jacksonville	Auto Ramp	40	5	39	84	86.7%	7330 Old Kings Road	Jacksonville, FL	32219
09720_NS	NS		Kansas City / Voltz	Auto Ramp	127	15	28	170	19.7%	4800 North Kimball	Kansas City, MO	64161
309W_NS	NS		Shelbyville	Auto Ramp	49	6	22	77	40.0%	885 Joyes Station Road	Shelbyville, KY	40065
TP233_UP	UP		Arlington	Auto Ramp	144	7	17	168	11.3%	3017 East Abrams	Arlington, TX	76010
OP507_UP	UP		Barnes Yard	Auto Ramp	23	1	9	33	37.5%	10822 N. Swift Court	Portland, OR	97203
RV385_UP	UP		Benicia	Auto Ramp	59	3	17	79	27.4%	3800 Industrial Way	Benicia, CA	94510
CR001_UP	UP		Centreville	Auto Ramp	7	0	28	35	400.0%	901 Mousette Lane	Centreville, IL	62207
NX001_UP	UP		Council Bluffs	Auto Ramp	8	0	3	11	37.5%	1529 16th Avenue	Council Bluffs, IA	51501
OX938_UP	UP		Kent	Auto Ramp	20	1	7	28	33.3%	27430 72nd Avenue South	Kent, WA	98032
PS711_UP	UP		Milpitas	Auto Ramp	197	10	22	229	10.6%	650 Hammond Way	Milpitas, CA	95035
MO486_UP	UP	10	Oklahoma City	Auto Ramp	31	2	3	36	9.1%	1650 N. Sooner Road	Oklahoma City, OK	73110
LB432_UP	UP		Phoenix	Auto Ramp	62	3	7	72	10.8%	904 South 12th Street	Phoenix, AZ	85034
OT161_UP	UP		Spokane	Auto Ramp	4	0	1	5	25.0%	East 5600 Alki	Spokane, WA	99212
A 214_UP	UP		Westfield	Auto Ramp	55	3	7	65	12.1%	20909 Hardy Road	Houston, TX	77073

UP-NS Response to OEA Request #2

Master Segment Table for New Hazmat Traffic (F)

Includes Organic Growth on Baseline for Non-Transaction Analysis

Segment Key	Segment Name	Segment Distance (GIS miles) ¹ Rounded to 1st Decimal	NOTE	Start Station	Start City/Station	Start State	End Station	End City/Station	End State	Baseline Annual Carloads
10002	10002-BLUE RIDGE DISTRICT	25.2		10941	ABILENE_VA_NS_10941	VA	10129	CREWE_VA_NS_10129	VA	468,319
10004	10004-KANKAKEE LINE	28.5		00501	OSBORN_IN_NS_00501	IN	LK33	SCHNEIDER_IN_NS_LK33	IN	26,659
10005	10005-HARRISBURG LINE	17.7		HP20	ABRAMS_PA_NS_HP20	PA	HP3	PHILA BELMONT_PA_NS_HP3	PA	141,306
10006	10006-MORRISVILLE LINE	32.2		HP18	NORRIS_PA_NS_HP18	PA	MV4	MORRISVILLE_PA_NS_MV4	PA	57,101
10007	10007-MARION DISTRICT	11.1		01190	ALEXANDRIA_IN_NS_01190	IN	MP167	ANDERSON_IN_NS_MP167	IN	1,223
10009	10009-READING LINE	36.7		LB87	ALLENTOWN_PA_NS_LB87	PA	FR59	READING_PA_NS_FR59	PA	438,463
10010	10010-CLEVELAND LINE	54.1		PC83	ALLIANCE_OH_NS_PC83	OH	RD116	CP-116_OH_NS_RD116	OH	896,161
10017	10017-LOUISVILLE DISTRICT	75.3		282W	APPLIANCE PARK_KY_NS_282W	KY	A110	S.J.TOWER_KY_NS_A110	KY	296,661
10018	10018-KNOXVILLE DISTRICT - RIVER LINE	75.8		S141	ASHEVILLE_NC_NS_S141	NC	S218	DOUGLAS_TN_NS_S218	TN	14,266
10020	10020-YOUNGSTOWN LINE	52.1		00127	NP_OH_NS_00127	OH	YG52	CP-52_OH_NS_YG52	OH	29,543
10021	10021-ATLANTA SOUTH DISTRICT	1.7		148H	ATLANTA_GA_NS_148H	GA	150H	HOWELL WYE_GA_NS_150H	GA	1,078,568
10022	10022-ATLANTA SOUTH DISTRICT	92.5		150H	HOWELL WYE_GA_NS_150H	GA	242H	MACON_GA_NS_242H	GA	623,302
10023	10023-NORCROSS DISTRICT	16.1		150H	HOWELL WYE_GA_NS_150H	GA	618	NORCROSS_GA_NS_618	GA	336,556
10024	10024-AUGUSTA DISTRICT R191_NS - D100_NS	33.1		R191	AUGUSTA_GA_NS_R191	GA	D100	WAYNESBORO WYE_GA_NS_D100	GA	112,120
10025	10025-COLUMBIA DISTRICT (R-LINE)	82.9		R191	AUGUSTA_GA_NS_R191	GA	R109	COLUMBIA_SC_NS_R109	SC	70,177
10026	10026-ATLANTA NORTH DISTRICT	13.0		650	AUSTELL_GA_NS_650	GA	148H	ATLANTA_GA_NS_148H	GA	972,713
10028	10028-FOSTORIA DISTRICT	122.7		10755	SOUTHWEST ST_OH_NS_10755	OH	00371	FT WAYNE_IN_NS_00371	IN	407,329
10029	10029-SANDUSKY DISTRICT	11.9		92480	MINI PLANT_OH_NS_92480	OH	10769	CR CONNECTION_OH_NS_10769	OH	137,087
10030	10030-LAFAYETTE DISTRICT	97.8		09131	BEMENT_IL_NS_09131	IL	09090	DEMUND_IN_NS_09090	IN	536,561
10031	10031-LEHIGH LINE	12.1		LE84	BETHLEHEM_PA_NS_LE84	PA	LE76	PHILLIPSBURG_NJ_NS_LE76	NJ	329,817
10033	10033-AGS SOUTH DISTRICT	21.5		791	BIRMINGHAM_AL_NS_791	AL	A492	BURSTALL_AL_NS_A492	AL	706,590
10034	10034-EAST END DISTRICT	9.0		791	BIRMINGHAM_AL_NS_791	AL	783	CENTRAL JUNCTION_AL_NS_783	AL	396,290
10035	10035-CHRISTIANSBURG DISTRICT	30.4		10354	BLUEFIELD_WV_NS_10354	WV	10324	NARROWS_VA_NS_10324	VA	689,320
10037	10037-RIVER LINE	18.9		RO1	BRANCH_OH_NS_RO1	OH	RO21	MINGO JCT_OH_NS_RO21	OH	129,595
10040	10040-KNOXVILLE DISTRICT - BRISTOL LINE	75.8		1A	BRISTOL_TN_NS_1A	TN	76A	BULLS GAP_TN_NS_76A	TN	173,907
10042	10042-SANDUSKY DISTRICT	34.2		10723	BUCYRUS_OH_NS_10723	OH	10755	SOUTHWEST ST_OH_NS_10755	OH	665,453
10043	10043-SOUTHERN TIER LINE	209.9		00002	BUFFALO JCT_NY_NS_00002	NY	SR213	BING CPRS CP BD_NY_NS_SR213	NY	144,286
10044	10044-APPALACHIA DISTRICT	86.5		76A	BULLS GAP_TN_NS_76A	TN	19805	APPALACHIA_VA_NS_19805	VA	18,384
10046	10046-KNOXVILLE DISTRICT - BRISTOL LINE	54.7		76A	BULLS GAP_TN_NS_76A	TN	128A	KNOXVILLE_TN_NS_128A	TN	224,105
10047	10047-RICHMOND DISTRICT	53.4		10133	BURKEVILLE_VA_NS_10133	VA	F140	RICHMOND_VA_NS_F140	VA	23,507
10048	10048-3B NORTH DISTRICT	35.0		A492	BURSTALL_AL_NS_A492	AL	139N	WILTON_AL_NS_139N	AL	261,492
10049	10049-AGS SOUTH DISTRICT	139.2		A492	BURSTALL_AL_NS_A492	AL	A630	MERIDIAN_MS_NS_A630	MS	435,056
10052	10052-CHARLOTTE DISTRICT	42.9		378	CHARLOTTE_NC_NS_378	NC	334	SALISBURY_NC_NS_334	NC	240,048
10053	10053-DANVILLE DISTRICT (L & O LINES) L55_NS -	43.7		L55	MOORESVILLE_NC_NS_L55	NC	L12	CLEMMONS_NC_NS_L12	NC	4,140
10054	10054-AGS NORTH DISTRICT	139.4		240A	CHATTANOOGA_TN_NS_240A	TN	791	BIRMINGHAM_AL_NS_791	AL	359,129
10055	10055-ATLANTA NORTH DISTRICT	13.5		240A	CHATTANOOGA_TN_NS_240A	TN	227A	OOLTEWAH_TN_NS_227A	TN	1,035,934

UP-NS Response to OEA Request #2

Master Segment Table for New Hazmat Traffic (F)

Includes Organic Growth on Baseline for Non-Transaction Analysis

Segment Key	Segment Name	Baseline Organic Growth (5 Years) Carloads	Transaction Growth Carloads ⁶	Year 5 Annual Carloads	Baseline Hazmat (HM) Annual Carloads	Baseline Organic Growth (5 Years) HM Carloads	Transaction Growth HM Carloads ⁶	Year 5 Annual HM Carloads	Either A1 or A2 Flag
10002	10002-BLUE RIDGE DISTRICT	56,392	32,976	557,687	25,554	3,077	950	29,581	NO
10004	10004-KANKAKEE LINE	3,210	799	30,668	10,992	1,324	339	12,655	NO
10005	10005-HARRISBURG LINE	17,015	56,716	215,037	56,452	6,798	23,337	86,587	NO
10006	10006-MORRISVILLE LINE	6,876	43,890	107,867	2,772	334	5,555	8,661	YES
10007	10007-MARION DISTRICT	147	4,554	5,924	214	26	893	1,133	YES
10009	10009-READING LINE	52,797	146,390	637,650	66,482	8,005	10,009	84,496	YES
10010	10010-CLEVELAND LINE	107,910	154,670	1,158,741	138,080	16,627	8,687	163,394	YES
10017	10017-LOUISVILLE DISTRICT	35,722	68,691	401,074	21,812	2,626	1,313	25,751	NO
10018	10018-KNOXVILLE DISTRICT - RIVER LINE	1,718	577	16,561	3,128	377	29	3,534	NO
10020	10020-YOUNGSTOWN LINE	3,557	2,208	35,308	5,515	664	188	6,367	NO
10021	10021-ATLANTA SOUTH DISTRICT	129,874	223,460	1,431,902	114,894	13,835	791	129,520	NO
10022	10022-ATLANTA SOUTH DISTRICT	75,054	87,167	785,523	60,926	7,336	555	68,817	NO
10023	10023-NORCROSS DISTRICT	40,526	163,607	540,689	39,671	4,777	1,450	45,898	YES
10024	10024-AUGUSTA DISTRICT R191_NS - D100_NS	13,501	14,096	139,717	14,394	1,733	660	16,787	NO
10025	10025-COLUMBIA DISTRICT (R-LINE)	8,450	10,394	89,021	4,077	491	846	5,414	NO
10026	10026-ATLANTA NORTH DISTRICT	117,127	372,579	1,462,419	103,952	12,517	4,572	121,041	YES
10028	10028-FOSTORIA DISTRICT	49,048	77,938	534,315	61,340	7,386	7,256	75,982	NO
10029	10029-SANDUSKY DISTRICT	16,507	58,813	212,407	8,836	1,064	2,245	12,145	NO
10030	10030-LAFAYETTE DISTRICT	64,609	156,710	757,880	58,561	7,052	1,301	66,914	NO
10031	10031-LEHIGH LINE	39,714	135,074	504,605	56,984	6,862	8,504	72,350	YES
10033	10033-AGS SOUTH DISTRICT	85,083	407,859	1,199,532	106,936	12,876	22,217	142,029	YES
10034	10034-EAST END DISTRICT	47,718	273,210	717,218	43,575	5,247	5,166	53,988	YES
10035	10035-CHRISTIANSBURG DISTRICT	83,003	32,386	804,709	64,698	7,790	4,081	76,569	NO
10037	10037-RIVER LINE	15,605	1,260	146,460	16,808	2,024	12	18,844	NO
10040	10040-KNOXVILLE DISTRICT - BRISTOL LINE	20,941	63,002	257,850	16,298	1,962	5,981	24,241	NO
10042	10042-SANDUSKY DISTRICT	80,129	52,293	797,875	89,421	10,767	2,952	103,140	NO
10043	10043-SOUTHERN TIER LINE	17,374	36,250	197,910	9,481	1,142	696	11,319	NO
10044	10044-APPALACHIA DISTRICT	2,214	10,229	30,827	9,869	1,188	1,746	12,803	YES
10046	10046-KNOXVILLE DISTRICT - BRISTOL LINE	26,985	86,830	337,920	38,400	4,624	9,848	52,872	NO
10047	10047-RICHMOND DISTRICT	2,831	6,562	32,900	2,734	329	604	3,667	NO
10048	10048-3B NORTH DISTRICT	31,487	48,253	341,232	23,150	2,788	795	26,733	NO
10049	10049-AGS SOUTH DISTRICT	52,386	360,430	847,872	83,050	10,000	21,460	114,510	YES
10052	10052-CHARLOTTE DISTRICT	28,905	105,912	374,865	20,884	2,515	718	24,117	YES
10053	10053-DANVILLE DISTRICT (L & O LINES) L55_NS -	499	113	4,752	0	0	1	1	NO
10054	10054-AGS NORTH DISTRICT	43,244	113,720	516,093	48,871	5,885	20,616	75,372	NO
10055	10055-ATLANTA NORTH DISTRICT	124,740	227,458	1,388,132	138,979	16,735	16,550	172,264	NO

UP-NS Response to OEA Request #2

Master Segment Table for New Hazmat Traffic (F)

Includes Organic Growth on Baseline for Non-Transaction Analysis

Segment Key	Segment Name	Segment Distance (GIS miles) ¹ Rounded to 1st Decimal	NOTE	Start Station	Start City/Station	Start State	End Station	End City/Station	End State	Baseline Annual Carloads
10056	10056-KNOXVILLE DISTRICT - WEST END	96.3		227A	OOLTEWAH_TN_NS_227A	TN	131A	WEST KNOXVILLE_TN_NS_131A	TN	272,780
10058	10058-CHICAGO LINE	14.1		CD517	CHICAGO 47TH ST_TV_IL_NS_CD517	IL	CD502	CP-502_IN_NS_CD502	IN	994,302
10059	10059-CHICAGO LINE	20.3		CD502	CP-502_IN_NS_CD502	IN	CD482	PORTER_IN_NS_CD482	IN	1,272,973
10060	10060-CHICAGO LINE	60.6		CD482	PORTER_IN_NS_CD482	IN	CD422	ELKHART_IN_NS_CD422	IN	1,315,433
10061	10061-CENTRAL OF GEORGIA DISTRICT	109.3		103N	CHILDERSBURG_AL_NS_103N	AL	S291	COLUMBUS_GA_NS_S291	GA	62,204
10062	10062-ECBU (NB & WL LINES)	33.8		NS129	CHOCOWINITY_NC_NS_NS129	NC	WL32	LEE CREEK_NC_NS_WL32	NC	19,363
10063	10063-ECBU (NB & WL LINES)	31.0		NS129	CHOCOWINITY_NC_NS_NS129	NC	EC59	NEW BERN_NC_NS_EC59	NC	26,194
10064	10064-CNO&TP NORTH DISTRICT	114.3		A0	CINCINNATI_OH_NS_A0	OH	A114	DANVILLE_KY_NS_A114	KY	726,145
10065	10065-DAYTON DISTRICT	12.2		A0	CINCINNATI_OH_NS_A0	OH	CJ250	CP-248-OH_OH_NS_CJ250	OH	766,597
10066	10066-DAYTON DISTRICT	3.5		CJ250	CP-248-OH_OH_NS_CJ250	OH	CJ247	SHARONVILLE_OH_NS_CJ247	OH	303,358
10068	10068-CLEVELAND DISTRICT	47.9		00197	BAY VILLAGE_OH_NS_00197	OH	00248	BELLEVUE_OH_NS_00248	OH	261,074
10072	10072-KNOXVILLE DISTRICT - OAKDALE LINE	21.0		21C	CLINTON_TN_NS_21C	TN	128A	KNOXVILLE_TN_NS_128A	TN	7,271
10073	10073-PORT ROAD BRANCH	32.4		EP39	COLUMBIA_PA_NS_EP39	PA	EP70	ENOLA_PA_NS_EP70	PA	487,525
10074	10074-CHARLESTON DISTRICT	121.7		R109	COLUMBIA_SC_NS_R109	SC	SC7	CHARLESTON_SC_NS_SC7	SC	151,038
10075	10075-COLUMBIA DISTRICT (R-LINE)	108.7		066357	COLUMBIA	SC	381	CHARLOTTE JUNCTION_NC_NS_381	NC	77,263
10076	10076-COLUMBUS DISTRICT (GA)	71.3		S291	COLUMBUS_GA_NS_S291	GA	M220	COLUMBUS JCT_GA_NS_M220	GA	64,127
10077	10077-COLUMBUS DISTRICT (OH)	90.1		10660	COLUMBUS_OH_NS_10660	OH	10563	PORTSMOUTH_OH_NS_10563	OH	562,197
10078	10078-SANDUSKY DISTRICT	67.4		10655	BANNON_OH_NS_10655	OH	10723	BUCYRUS_OH_NS_10723	OH	734,551
10081	10081-PITTSBURGH LINE	60.1	4	PT291	CONPIT_PA_NS_PT291	PA	PT350	CP-BLOOM_PA_NS_PT350	PA	1,107,497
10082	10082-FORT WAYNE LINE	52.9		PC26	ROCHESTER_PA_NS_PC26	PA	PC79	SEBRING_OH_NS_PC79	OH	966,705
10083	10083-FORT WAYNE LINE	22.4		PC23	CONWAY_PA_NS_PC23	PA	PT353	PITTSBURGH_PA_NS_PT353	PA	1,034,126
10085	10085-NORFOLK DISTRICT	41.7		10129	CREWE_VA_NS_10129	VA	10088	JACK_VA_NS_10088	VA	467,888
10086	10086-CNO&TP NORTH DISTRICT	60.9		A114	DANVILLE_KY_NS_A114	KY	A174	K.D. TOWER_KY_NS_A174	KY	794,955
10089	10089-BUCHANAN BRANCH	53.8		10430	DEVON_WV_NS_10430	WV	17650	PAGE_VA_NS_17650	VA	67,580
10090	10090-POCAHONTAS DISTRICT	21.7		10429	BUCHANAN BRANCH JCT_WV_NS_10429	WV	10406	IAEGER_WV_NS_10406	WV	671,190
10091	10091-WILLIAMSON DISTRICT	22.8		10430	DEVON_WV_NS_10430	WV	10453	WILLIAMSON_WV_NS_10453	WV	625,873
10093	10093-YOUNGSTOWN LINE	6.0		YG52	CP-52_OH_NS_YG52	OH	RZ0	CRAB_OH_NS_RZ0	OH	64,655
10094	10094-KNOXVILLE DISTRICT - RIVER LINE	11.0		S218	DOUGLAS_TN_NS_S218	TN	91A	NEW LINE_TN_NS_91A	TN	14,907
10096	10096-CHICAGO LINE	129.9		CD422	ELKHART_IN_NS_CD422	IN	CD292	TOLEDO AIRLINE_OH_NS_CD292	OH	1,127,292
10099	10099-CNO&TP SOUTH DISTRICT	73.0		A258	EMORY GAP_TN_NS_A258	TN	237A	CITICO JUNCTION_TN_NS_237A	TN	801,756
10100	10100-KNOXVILLE DISTRICT - OAKDALE LINE	31.7		A258	EMORY GAP_TN_NS_A258	TN	21C	CLINTON_TN_NS_21C	TN	3,439
10101	10101-LURGAN DISTRICT	72.8		SI2	LEMOYNE_PA_NS_SI2	PA	13002	HAGERSTOWN_MD_NS_13002	MD	316,242
10102	10102-PITTSBURGH LINE	182.6	4	HP113	HARRISBURG_PA_NS_HP113	PA	PT291	CONPIT_PA_NS_PT291	PA	1,132,292
10104	10104-ECBU (EC & H LINES)	7.7		H72	FETNER_NC_NS_H72	NC	H81	RALEIGH_NC_NS_H81	NC	89,511
10107	10107-HAGERSTOWN DISTRICT	57.6		13060	FRONT ROYAL_VA_NS_13060	VA	13002	HAGERSTOWN_MD_NS_13002	MD	285,067
10109	10109-ALBANY DISTRICT	77.5		105FV	FT VALLEY_GA_NS_105FV	GA	J297	ALBANY_GA_NS_J297	GA	52,080

UP-NS Response to OEA Request #2

Master Segment Table for New Hazmat Traffic (F)

Includes Organic Growth on Baseline for Non-Transaction Analysis

Segment Key	Segment Name	Baseline Organic Growth (5 Years) Carloads	Transaction Growth Carloads ⁶	Year 5 Annual Carloads	Baseline Hazmat (HM) Annual Carloads	Baseline Organic Growth (5 Years) HM Carloads	Transaction Growth HM Carloads ⁶	Year 5 Annual HM Carloads	Either A1 or A2 Flag
10056	10056-KNOXVILLE DISTRICT - WEST END	32,846	89,483	395,109	43,994	5,297	10,693	59,984	NO
10058	10058-CHICAGO LINE	119,727	352,741	1,466,770	122,313	14,728	24,519	161,560	YES
10059	10059-CHICAGO LINE	153,283	296,816	1,723,072	167,932	20,221	20,533	208,686	NO
10060	10060-CHICAGO LINE	158,395	293,668	1,767,496	167,945	20,223	21,423	209,591	NO
10061	10061-CENTRAL OF GEORGIA DISTRICT	7,490	56,675	126,369	8,810	1,061	3,211	13,082	YES
10062	10062-ECBU (NB & WL LINES)	2,332	1,676	23,371	6,003	723	983	7,709	NO
10063	10063-ECBU (NB & WL LINES)	3,154	2,710	32,058	6,928	834	980	8,742	NO
10064	10064-CNO&TP NORTH DISTRICT	87,437	117,395	930,977	112,124	13,501	2,119	127,744	NO
10065	10065-DAYTON DISTRICT	92,308	119,132	978,037	114,598	13,799	1,359	129,756	NO
10066	10066-DAYTON DISTRICT	36,528	86,488	426,374	36,773	4,428	3,339	44,540	NO
10068	10068-CLEVELAND DISTRICT	31,437	57,712	350,223	28,823	3,471	3,281	35,575	NO
10072	10072-KNOXVILLE DISTRICT - OAKDALE LINE	876	1,991	10,138	995	120	290	1,405	NO
10073	10073-PORT ROAD BRANCH	58,704	36,029	582,258	42,424	5,108	1,637	49,169	NO
10074	10074-CHARLESTON DISTRICT	18,187	18,637	187,862	3,927	473	443	4,843	NO
10075	10075-COLUMBIA DISTRICT (R-LINE)	9,303	6,314	92,880	4,258	513	310	5,081	NO
10076	10076-COLUMBUS DISTRICT (GA)	7,722	56,424	128,273	7,290	878	3,174	11,342	YES
10077	10077-COLUMBUS DISTRICT (OH)	67,696	52,733	682,626	74,054	8,917	4,281	87,252	NO
10078	10078-SANDUSKY DISTRICT	88,450	55,193	878,194	106,346	12,805	1,405	120,556	NO
10081	10081-PITTSBURGH LINE	133,357	134,649	1,375,503	152,611	18,376	8,206	179,193	YES
10082	10082-FORT WAYNE LINE	116,404	161,187	1,244,296	137,799	16,593	8,452	162,844	YES
10083	10083-FORT WAYNE LINE	124,522	143,005	1,301,653	184,307	22,193	6,502	213,002	YES
10085	10085-NORFOLK DISTRICT	56,340	25,943	550,171	22,111	2,662	406	25,179	NO
10086	10086-CNO&TP NORTH DISTRICT	95,723	108,118	998,796	121,984	14,688	4,395	141,067	NO
10089	10089-BUCHANAN BRANCH	8,138	2,709	78,427	1,794	216	102	2,112	NO
10090	10090-POCAHONTAS DISTRICT	80,820	32,321	784,331	64,685	7,789	4,077	76,551	NO
10091	10091-WILLIAMSON DISTRICT	75,363	34,182	735,418	64,782	7,801	4,076	76,659	NO
10093	10093-YOUNGSTOWN LINE	7,785	5,528	77,968	5,865	706	1,067	7,638	NO
10094	10094-KNOXVILLE DISTRICT - RIVER LINE	1,795	608	17,310	3,148	379	29	3,556	NO
10096	10096-CHICAGO LINE	135,741	208,668	1,471,701	152,638	18,380	6,408	177,426	NO
10099	10099-CNO&TP SOUTH DISTRICT	96,542	108,465	1,006,763	121,660	14,649	4,395	140,704	NO
10100	10100-KNOXVILLE DISTRICT - OAKDALE LINE	414	-354	3,499	29	3	2	34	NO
10101	10101-LURGAN DISTRICT	38,080	129,867	484,189	27,907	3,360	6,705	37,972	YES
10102	10102-PITTSBURGH LINE	136,343	132,731	1,401,366	164,270	19,780	7,292	191,342	YES
10104	10104-ECBU (EC & H LINES)	10,778	7,267	107,556	20,553	2,475	2,310	25,338	NO
10107	10107-HAGERSTOWN DISTRICT	34,326	135,381	454,774	22,086	2,659	6,485	31,230	YES
10109	10109-ALBANY DISTRICT	6,271	881	59,232	6,873	828	56	7,757	NO

UP-NS Response to OEA Request #2

Master Segment Table for New Hazmat Traffic (F)

Includes Organic Growth on Baseline for Non-Transaction Analysis

Segment Key	Segment Name	Segment Distance (GIS miles) ¹ Rounded to 1st Decimal	NOTE	Start Station	Start City/Station	Start State	End Station	End City/Station	End State	Baseline Annual Carloads
10113	10113-BLOOMINGTON DISTRICT	40.1		09443	GIBSON CITY_IL_NS_09443	IL	09131	BEMENT_IL_NS_09131	IL	32,470
10115	10115-ECBU (EC & H LINES)	94.6		H130	GOLDSBORO_NC_NS_H130	NC	EC94	MOREHEAD CITY_NC_NS_EC94	NC	31,562
10116	10116-SAVANNAH DISTRICT	35.8		1170	GORDON_GA_NS_1170	GA	1135	TENNILLE_GA_NS_1135	GA	279,235
10118	10118-ATLANTA NORTH DISTRICT	42.1		92H	GREEN_GA_NS_92H	GA	650	AUSTELL_GA_NS_650	GA	663,851
10120	10120-DANVILLE DISTRICT (H-LINE)	73.0		287	GREENSBORO_NC_NS_287	NC	H72	FETNER_NC_NS_H72	NC	100,493
10121	10121-DANVILLE DISTRICT (SOUTHERN MAINLINE)	109.0		287	GREENSBORO_NC_NS_287	NC	050027	LYNCHBURG	VA	282,824
10122	10122-CHARLOTTE DISTRICT	31.6		484	GREENVILLE_SC_NS_484	SC	454	SPARTANBURG_SC_NS_454	SC	279,661
10123	10123-HARRISBURG LINE	54.0		HP113	HARRISBURG_PA_NS_HP113	PA	FR59	READING_PA_NS_FR59	PA	619,400
10124	10124-ROYALTON LINE	21.2		063232	HARRISBURG	PA	EP45	SHOCKS_PA_NS_EP45	PA	21,420
10126	10126-SOUTHERN EAST DISTRICT	71.5		200W	HUNTINGBURG_IN_NS_200W	IN	271W	LOUISVILLE_KY_NS_271W	KY	247,100
10128	10128-POCAHONTAS DISTRICT	51.0		10406	IAEGER_WV_NS_10406	WV	10357	BLUEFIELD_VA_NS_10357	VA	680,559
10132	10132-NORFOLK DISTRICT (BELT LINE)	10.8		10088	JACK_VA_NS_10088	VA	10077	POE_VA_NS_10077	VA	72,876
10133	10133-CNO&TP SOUTH DISTRICT	84.3		A174	K.D. TOWER_KY_NS_A174	KY	A258	EMORY GAP_TN_NS_A258	TN	793,298
10136	10136-KENOVA DISTRICT	72.6		10526	KENOVA_WV_NS_10526	WV	10453	WILLIAMSON_WV_NS_10453	WV	586,608
10138	10138-LAFAYETTE DISTRICT	53.3		09085	LAFAYETTE_IN_NS_09085	IN	09067	PERU_IN_NS_09067	IN	496,457
10139	10139-VALDOSTA DISTRICT	104.6		155RP	LANGDALE SOUTH_GA_NS_155RP	GA	G258	JACKSONVILLE_FL_NS_G258	FL	253,270
10141	10141-CENTRAL OF GEORGIA DISTRICT	25.5		783	CENTRAL JUNCTION_AL_NS_783	AL	103N	CHILDERSBURG_AL_NS_103N	AL	78,670
10143	10143-DANVILLE DISTRICT (SOUTHERN MAINLINE)	39.1		323	LINWOOD_NC_NS_323	NC	287	GREENSBORO_NC_NS_287	NC	281,434
10144	10144-LOUISVILLE DISTRICT	11.3		271W	LOUISVILLE_KY_NS_271W	KY	282W	APPLIANCE PARK_KY_NS_282W	KY	292,753
10145	10145-BLUE RIDGE DISTRICT	2.8		172	LYNCHBURG_VA_NS_172	VA	2KM	IRVIN_VA_NS_2KM	VA	193,995
10146	10146-BLUE RIDGE DISTRICT	50.7		2KM	IRVIN_VA_NS_2KM	VA	10941	ABILENE_VA_NS_10941	VA	388,718
10150	10150-ALBANY DISTRICT	27.3		242H	MACON_GA_NS_242H	GA	105FV	FT VALLEY_GA_NS_105FV	GA	170,900
10152	10152-MACON DISTRICT	145.6		G6	CGA JUNCTION_GA_NS_G6	GA	G152	VALDOSTA_GA_NS_G152	GA	326,515
10153	10153-SAVANNAH DISTRICT	19.1		035305	MACON	GA	1170	GORDON_GA_NS_1170	GA	299,228
10154	10154-MARION DISTRICT	20.6		RK157	MARION_IN_NS_RK157	IN	01190	ALEXANDRIA_IN_NS_01190	IN	20,317
10155	10155-SAVANNAH DISTRICT	71.4		1079	MILLEN_GA_NS_1079	GA	C259	SAVANNAH_GA_NS_C259	GA	194,744
10157	10157-SPRINGFIELD-HANNIBAL DISTRICT	211.3		09673	MOBERLY_MO_NS_09673	MO	09141	DECATUR_IL_NS_09141	IL	187,578
10160	10160-CHRISTIANSBURG DISTRICT	30.6		10324	NARROWS_VA_NS_10324	VA	10292	WALTON_VA_NS_10292	VA	625,255
10161	10161-CHRISTIANSBURG DISTRICT	38.1	4, 8	10292	WALTON_VA_NS_10292	VA	10254	ROANOKE_VA_NS_10254	VA	771,285
10163	10163-NO & NE DISTRICT	195.0		A826	NEW ORLEANS_LA_NS_A826	LA	A630	MERIDIAN_MS_NS_A630	MS	265,143
10164	10164-NO & NE DISTRICT	4.1		A835	EAST CITY JUNCTION_LA_NS_A835	LA	A827	OLIVER JCT_LA_NS_A827	LA	314,722
10165	10165-GREENVILLE DISTRICT (SOUTHERN MAINLINE)	134.4		618	NORCROSS_GA_NS_618	GA	484	GREENVILLE_SC_NS_484	SC	266,902
10166	10166-CLINCH VALLEY DISTRICT	102.7		18100	NORTON_VA_NS_18100	VA	10354	BLUEFIELD_WV_NS_10354	WV	31,630
10168	10168-ATLANTA NORTH DISTRICT	76.9		227A	OOLTEWAH_TN_NS_227A	TN	92H	GREEN_GA_NS_92H	GA	693,268
10169	10169-WEST END DISTRICT	47.9		840	PARRISH_AL_NS_840	AL	791	BIRMINGHAM_AL_NS_791	AL	104,337
10171	10171-PORT ROAD BRANCH	44.0		PD1	PERRYVILLE_MD_NS_PD1	MD	EP39	COLUMBIA_PA_NS_EP39	PA	432,932

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Master Segment Table for New Hazmat Traffic (F)

Includes Organic Growth on Baseline for Non-Transaction Analysis

Segment Key	Segment Name	Baseline Organic Growth (5 Years) Carloads	Transaction Growth Carloads ⁶	Year 5 Annual Carloads	Baseline Hazmat (HM) Annual Carloads	Baseline Organic Growth (5 Years) HM Carloads	Transaction Growth HM Carloads ⁶	Year 5 Annual HM Carloads	Either A1 or A2 Flag
10113	10113-BLOOMINGTON DISTRICT	3,910	46,024	82,404	9,009	1,085	56	10,150	YES
10115	10115-ECBU (EC & H LINES)	3,800	1,643	37,005	5,398	650	587	6,635	NO
10116	10116-SAVANNAH DISTRICT	33,624	55,415	368,274	18,773	2,261	933	21,967	NO
10118	10118-ATLANTA NORTH DISTRICT	79,936	125,567	869,354	75,517	9,093	3,134	87,744	NO
10120	10120-DANVILLE DISTRICT (H-LINE)	12,101	9,015	121,609	21,831	2,629	2,318	26,778	NO
10121	10121-DANVILLE DISTRICT (SOUTHERN MAINLINE)	34,056	101,998	418,878	33,335	4,014	2,834	40,183	YES
10122	10122-CHARLOTTE DISTRICT	33,675	148,305	461,641	34,497	4,154	1,519	40,170	YES
10123	10123-HARRISBURG LINE	74,584	179,704	873,688	127,311	15,330	11,249	153,890	YES
10124	10124-ROYALTON LINE	2,579	117	24,116	5,594	674	263	6,531	NO
10126	10126-SOUTHERN EAST DISTRICT	29,754	71,720	348,574	18,559	2,235	1,430	22,224	NO
10128	10128-POCAHONTAS DISTRICT	81,948	32,317	794,824	64,805	7,803	4,076	76,684	NO
10132	10132-NORFOLK DISTRICT (BELT LINE)	8,775	4,813	86,464	9,132	1,100	365	10,597	NO
10133	10133-CNO&TP SOUTH DISTRICT	95,523	108,298	997,119	121,357	14,613	4,395	140,365	NO
10136	10136-KENOVA DISTRICT	70,635	32,854	690,097	65,770	7,920	4,077	77,767	NO
10138	10138-LAFAYETTE DISTRICT	59,780	177,830	734,067	60,412	7,274	3,574	71,260	NO
10139	10139-VALDOSTA DISTRICT	30,497	66,239	350,006	27,574	3,320	959	31,853	NO
10141	10141-CENTRAL OF GEORGIA DISTRICT	9,473	56,630	144,773	8,423	1,014	3,210	12,647	YES
10143	10143-DANVILLE DISTRICT (SOUTHERN MAINLINE)	33,888	106,196	421,518	23,633	2,846	846	27,325	NO
10144	10144-LOUISVILLE DISTRICT	35,251	78,414	406,418	22,186	2,671	1,384	26,241	NO
10145	10145-BLUE RIDGE DISTRICT	23,360	74,038	291,393	20,653	2,487	826	23,966	YES
10146	10146-BLUE RIDGE DISTRICT	46,807	31,783	467,308	25,205	3,035	843	29,083	NO
10150	10150-ALBANY DISTRICT	20,579	65,593	257,072	20,414	2,458	3,459	26,331	NO
10152	10152-MACON DISTRICT	39,317	72,195	438,027	39,546	4,762	1,409	45,717	NO
10153	10153-SAVANNAH DISTRICT	36,031	55,439	390,698	19,219	2,314	932	22,465	NO
10154	10154-MARION DISTRICT	2,446	4,509	27,272	5,896	710	902	7,508	NO
10155	10155-SAVANNAH DISTRICT	23,450	41,000	259,194	6,083	732	124	6,939	NO
10157	10157-SPRINGFIELD-HANNIBAL DISTRICT	22,587	96,957	307,122	2,989	360	434	3,783	NO
10160	10160-CHRISTIANSBURG DISTRICT	75,289	32,550	733,094	61,044	7,350	4,246	72,640	NO
10161	10161-CHRISTIANSBURG DISTRICT	92,873	95,117	959,275	73,867	8,895	10,262	93,024	NO
10163	10163-NO & NE DISTRICT	31,927	278,052	575,122	63,471	7,643	22,846	93,960	YES
10164	10164-NO & NE DISTRICT	37,897	386,131	738,750	71,364	8,593	42,184	122,141	YES
10165	10165-GREENVILLE DISTRICT (SOUTHERN MAINLINE)	32,138	151,682	450,722	32,831	3,953	1,017	37,801	YES
10166	10166-CLINCH VALLEY DISTRICT	3,809	838	36,277	2,059	248	111	2,418	NO
10168	10168-ATLANTA NORTH DISTRICT	83,479	132,447	909,194	77,148	9,290	3,395	89,833	NO
10169	10169-WEST END DISTRICT	12,564	82,694	199,595	9,362	1,127	3,415	13,904	YES
10171	10171-PORT ROAD BRANCH	52,131	27,557	512,620	40,914	4,927	869	46,710	NO

UP-NS Response to OEA Request #2

Master Segment Table for New Hazmat Traffic (F)

Includes Organic Growth on Baseline for Non-Transaction Analysis

Segment Key	Segment Name	Segment Distance (GIS miles) ¹ Rounded to 1st Decimal	NOTE	Start Station	Start City/Station	Start State	End Station	End City/Station	End State	Baseline Annual Carloads
10173	10173-TRACKAGE - AMTRAK NE CORRIDOR	69.8		PD1	PERRYVILLE_MD_NS_PD1	MD	BI129	LANDOVER_MD_NS_BI129	MD	163,636
10174	10174-HUNTINGTON DISTRICT	53.3		09067	PERU_IN_NS_09067	IN	09046	HUGO_IN_NS_09046	IN	410,095
10176	10176-LEHIGH LINE	40.1		LE76	PHILLIPSBURG_NJ_NS_LE76	NJ	LE36	MANVILLE_NJ_NS_LE36	NJ	315,563
10177	10177-NORFOLK DISTRICT	54.9		10077	POE_VA_NS_10077	VA	10022	SUFFOLK_VA_NS_10022	VA	428,618
10178	10178-KENOVA DISTRICT	39.2		10563	PORTSMOUTH_OH_NS_10563	OH	10526	KENOVA_WV_NS_10526	WV	584,790
10179	10179-SOUTHERN EAST DISTRICT	36.3		163W	PRINCETON_IN_NS_163W	IN	200W	HUNTINGBURG_IN_NS_200W	IN	203,967
10181	10181-ECBU (EC & H LINES)	29.8		H81	RALEIGH_NC_NS_H81	NC	H109	SELMA_NC_NS_H109	NC	82,343
10182	10182-ECBU (EC & H LINES)	18.8		H109	SELMA_NC_NS_H109	NC	H130	GOLDSBORO_NC_NS_H130	NC	54,151
10183	10183-ECBU (NS-LINE)	18.5		H81	RALEIGH_NC_NS_H81	NC	NS247	FUQUAY-VARINA_NC_NS_NS247	NC	436
10184	10184-HARRISBURG LINE	38.2		87275	READING (ESPN)_PA_NS_87275	PA	HP20	ABRAMS_PA_NS_HP20	PA	174,675
10187	10187-DETROIT LINE	45.1		DR7	RIVER ROUGE_MI_NS_DR7	MI	064617	TOLEDO	OH	177,243
10188	10188-ALTAVISTA DISTRICT	1.3		10254	ROANOKE_VA_NS_10254	VA	10247	TINKER CREEK_VA_NS_10247	VA	718,494
10189	10189-ALTAVISTA DISTRICT	42.7		10247	TINKER CREEK_VA_NS_10247	VA	196	ALTAVISTA_VA_NS_196	VA	331,292
10190	10190-BLUE RIDGE DISTRICT	46.3		10250	VINTON_VA_NS_10250	VA	90976	KINNEY CROSSOVER_VA_NS_90976	VA	374,949
10192	10192-DANVILLE DISTRICT (SOUTHERN MAINLINE)	10.0		334	SALISBURY_NC_NS_334	NC	323	LINWOOD_NC_NS_323	NC	299,322
10193	10193-FREIGHT LINE	131.8		HA485	SCHENECTADY_NY_NS_HA485	NY	HA616	EAST BINGHAMTON_NY_NS_HA616	NY	108,361
10194	10194-3B SOUTH DISTRICT	160.6		193N	SELMA_AL_NS_193N	AL	149MB	MOBILE_AL_NS_149MB	AL	147,233
10196	10196-DAYTON DISTRICT	106.0		CJ247	SHARONVILLE_OH_NS_CJ247	OH	065156	COLUMBUS	OH	250,999
10197	10197-MEMPHIS DISTRICT - WEST END	154.1		401A	SHEFFIELD_AL_NS_401A	AL	547A	MEMPHIS_TN_NS_547A	TN	349,334
10198	10198-NA DISTRICT	89.1		NA6	PRUETT_AL_NS_NA6	AL	840	PARRISH_AL_NS_840	AL	73,744
10199	10199-HAGERSTOWN DISTRICT	46.5		13106	SHENANDOAH_VA_NS_13106	VA	13060	FRONT ROYAL_VA_NS_13060	VA	130,927
10200	10200-ROANOKE DISTRICT	133.7	8	13106	SHENANDOAH_VA_NS_13106	VA	10254	ROANOKE_VA_NS_10254	VA	126,757
10201	10201-CHARLOTTE DISTRICT	76.6		454	SPARTANBURG_SC_NS_454	SC	378	CHARLOTTE_NC_NS_378	NC	192,572
10202	10202-COLUMBIA DISTRICT (W-LINE)	94.1		451	BEAUMONT JUNCTION_SC_NS_451	SC	R109	COLUMBIA_SC_NS_R109	SC	107,743
10205	10205-SOUTHERN WEST DISTRICT	156.7		7W	A&S JCT_IL_NS_7W	IL	163W	PRINCETON_IN_NS_163W	IN	170,225
10210	10210-BUFFALO LINE	49.1		BR260	SUNBURY_PA_NS_BR260	PA	PT110	ROCKVILLE_PA_NS_PT110	PA	141,569
10211	10211-SUNBURY LINE	136.1		BR257	KASE_PA_NS_BR257	PA	HA616	EAST BINGHAMTON_NY_NS_HA616	NY	77,186
10212	10212-SAVANNAH DISTRICT	55.5		1135	TENNILLE_GA_NS_1135	GA	1079	MILLEN_GA_NS_1079	GA	241,796
10213	10213-CHICAGO LINE	100.8		CD292	TOLEDO AIRLINE_OH_NS_CD292	OH	CD192	CP-MAX_OH_NS_CD192	OH	953,377
10214	10214-TOLEDO DISTRICT	48.0		07006	IRONVILLE_OH_NS_07006	OH	92484	BELLEVUE TOWER_OH_NS_92484	OH	340,459
10215	10215-PULASKI DISTRICT	109.7		15554	EAST CRO. RADFORD_VA_NS_15554	VA	16108	BRISTOL_VA_NS_16108	VA	175,040
10221	10221-MARION DISTRICT	20.9		09063	WABASH_IN_NS_09063	IN	MP135	CP-79_IN_NS_MP135	IN	39,840
10223	10223-AUGUSTA DISTRICT	21.3		D100	WAYNESBORO WYE_GA_NS_D100	GA	1079	MILLEN_GA_NS_1079	GA	132,483
10226	10226-KANKAKEE BRANCH	94.4		KS56	WHEATFIELD_IN_NS_KS56	IN	KS152	STREATOR_IL_NS_KS152	IL	24,575
10227	10227-3B NORTH DISTRICT	53.3		139N	WILTON_AL_NS_139N	AL	193N	SELMA_AL_NS_193N	AL	207,063
10228	10228-ANNISTON DISTRICT	36.3		139N	WILTON_AL_NS_139N	AL	103N	CHILDERSBURG_AL_NS_103N	AL	20,454

UP-NS Response to OEA Request #2

Master Segment Table for New Hazmat Traffic (F)

Includes Organic Growth on Baseline for Non-Transaction Analysis

Segment Key	Segment Name	Baseline Organic Growth (5 Years) Carloads	Transaction Growth Carloads ⁶	Year 5 Annual Carloads	Baseline Hazmat (HM) Annual Carloads	Baseline Organic Growth (5 Years) HM Carloads	Transaction Growth HM Carloads ⁶	Year 5 Annual HM Carloads	Either A1 or A2 Flag
10173	10173-TRACKAGE - AMTRAK NE CORRIDOR	19,704	4,160	187,500	3,093	372	481	3,946	NO
10174	10174-HUNTINGTON DISTRICT	49,381	166,032	625,508	49,863	6,004	4,116	59,983	YES
10176	10176-LEHIGH LINE	37,998	134,110	487,671	56,409	6,792	8,490	71,691	YES
10177	10177-NORFOLK DISTRICT	51,611	20,909	501,138	12,223	1,472	9	13,704	NO
10178	10178-KENOVA DISTRICT	70,416	35,453	690,659	71,485	8,608	4,138	84,231	NO
10179	10179-SOUTHERN EAST DISTRICT	24,560	73,199	301,726	18,304	2,204	1,226	21,734	NO
10181	10181-ECBU (EC & H LINES)	9,915	7,208	99,466	20,423	2,459	2,168	25,050	NO
10182	10182-ECBU (EC & H LINES)	6,520	2,867	63,538	8,261	995	981	10,237	NO
10183	10183-ECBU (NS-LINE)	53	27	516	6	1	20	27	NO
10184	10184-HARRISBURG LINE	21,033	37,829	233,537	51,412	6,191	3,028	60,631	NO
10187	10187-DETROIT LINE	21,342	18,348	216,933	12,947	1,559	687	15,193	NO
10188	10188-ALTAVISTA DISTRICT	86,516	35,503	840,513	62,677	7,547	3,884	74,108	NO
10189	10189-ALTAVISTA DISTRICT	39,892	11,727	382,911	30,187	3,635	2,907	36,729	NO
10190	10190-BLUE RIDGE DISTRICT	45,149	21,430	441,528	31,067	3,741	639	35,447	NO
10192	10192-DANVILLE DISTRICT (SOUTHERN MAINLINE)	36,042	106,792	442,156	21,607	2,602	800	25,009	YES
10193	10193-FREIGHT LINE	13,048	34,903	156,312	3,685	444	130	4,259	NO
10194	10194-3B SOUTH DISTRICT	17,729	44,970	209,932	15,901	1,915	772	18,588	NO
10196	10196-DAYTON DISTRICT	30,224	53,932	335,155	27,843	3,353	2,251	33,447	NO
10197	10197-MEMPHIS DISTRICT - WEST END	42,064	180,093	571,491	31,073	3,742	1,645	36,460	NO
10198	10198-NA DISTRICT	8,880	44,497	127,121	8,283	997	3,405	12,685	YES
10199	10199-HAGERSTOWN DISTRICT	15,765	58,582	205,274	11,461	1,380	6,457	19,298	NO
10200	10200-ROANOKE DISTRICT	15,263	58,542	200,562	11,263	1,356	6,445	19,064	NO
10201	10201-CHARLOTTE DISTRICT	23,188	131,772	347,532	17,696	2,131	1,264	21,091	YES
10202	10202-COLUMBIA DISTRICT (W-LINE)	12,974	13,079	133,796	2,872	346	217	3,435	NO
10205	10205-SOUTHERN WEST DISTRICT	20,497	71,745	262,467	17,935	2,160	1,226	21,321	YES
10210	10210-BUFFALO LINE	17,047	2,596	161,212	7,201	867	38	8,106	NO
10211	10211-SUNBURY LINE	9,294	3,771	90,251	6,999	843	332	8,174	NO
10212	10212-SAVANNAH DISTRICT	29,115	54,969	325,880	16,085	1,937	813	18,835	NO
10213	10213-CHICAGO LINE	114,799	154,820	1,222,996	129,914	15,643	3,510	149,067	YES
10214	10214-TOLEDO DISTRICT	40,996	11,315	392,770	55,327	6,662	1,587	63,576	NO
10215	10215-PULASKI DISTRICT	21,077	62,597	258,714	16,605	1,999	5,976	24,580	NO
10221	10221-MARION DISTRICT	4,797	4,689	49,326	12,690	1,528	958	15,176	NO
10223	10223-AUGUSTA DISTRICT	15,953	14,215	162,651	14,054	1,692	688	16,434	NO
10226	10226-KANKAKEE BRANCH	2,959	-15	27,519	6,894	830	90	7,814	NO
10227	10227-3B NORTH DISTRICT	24,933	46,099	278,095	21,148	2,546	797	24,491	NO
10228	10228-ANNISTON DISTRICT	2,463	804	23,721	1,193	144	1	1,338	NO

UP-NS Response to OEA Request #2

Master Segment Table for New Hazmat Traffic (F)

Includes Organic Growth on Baseline for Non-Transaction Analysis

Segment Key	Segment Name	Segment Distance (GIS miles) ¹ Rounded to 1st Decimal	NOTE	Start Station	Start City/Station	Start State	End Station	End City/Station	End State	Baseline Annual Carloads
10229	10229-DANVILLE DISTRICT (K-LINE)	24.8		14122	WINSTON-SALEM_NC_NS_14122	NC	288	POMONA_NC_NS_288	NC	15,642
10231	10231-LORDSTOWN SECONDARY	17.8		YG58	YOUNGSTOWN_OH_NS_YG58	OH	RZ19	NORTH JACKSON_OH_NS_RZ19	OH	5,353
10232	10232-YOUNGSTOWN LINE	38.0		YG58	YOUNGSTOWN_OH_NS_YG58	OH	KR87	BUTTERMILK_PA_NS_KR87	PA	75,205
10233	10233-ASHEVILLE DISTRICT	140.4		S141	ASHEVILLE_NC_NS_S141	NC	334	SALISBURY_NC_NS_334	NC	15,332
10234	10234-GENEVA SUB	3.2		NZ003	KEDZIE	IL	NZ001	CHICAGO CLINTON ST	IL	2,761
10235	10235-GENEVA SUB	12.2		NZ021	PROVISO	IL	NZ003	KEDZIE	IL	422,285
10236	10236-GENEVA SUB	15.0		NZ030	WEST CHICAGO	IL	NZ021	PROVISO	IL	811,313
10237	10237-GENEVA SUB	6.4		NZ035	GENEVA	IL	NZ030	WEST CHICAGO	IL	809,321
10238	10238-GENEVA SUB	42.9		NZ077	GLOBAL 3	IL	NZ035	GENEVA	IL	806,733
10239	10239-GENEVA SUB	28.9		NZ104	NELSON	IL	NZ077	GLOBAL 3	IL	812,544
10240	10240-GENEVA SUB	34.4		NZ140	CLINTON	IA	NZ104	NELSON	IL	862,929
10243	10243-KENOSHA SUB	15.7		CY051	KENOSHA	WI	CY036	WAUKEGAN	IL	1,359
10244	10244-KENOSHA SUB	5.7		CY036	WAUKEGAN	IL	CY030	LAKE BLUFF	IL	1,088
10245	10245-KENOSHA SUB	13.5		CY030	LAKE BLUFF	IL	CY018	WINNETKA	IL	500
10246	10246-KENOSHA SUB	13.9		CY018	WINNETKA	IL	CY002	CLYBOURN CHICAGO	IL	500
10261	10261-VILLA GROVE SUB	12.4		ZB133	SIDNEY	IL	ZB145	VILLA GROVE	IL	339,078
10262	10262-PANA SUB	32.1		ZB153	TUSCOLA	IL	ZB186	FINDLAY JCT	IL	358,634
10265	10265-SALEM SUB	34.9		ZB186	FINDLAY JCT	IL	ZC221	EAST ST ELMO	IL	161,776
10266	10266-SALEM SUB	21.9		ZC221	EAST ST ELMO	IL	ZC242	KINMUNDY	IL	153,900
10267	10267-SALEM SUB	8.6		ZC242	KINMUNDY	IL	ZC252	SALEM	IL	152,270
10268	10268-MT. VERNON SUB	25.6		ZC252	SALEM	IL	ZC276	MT VERNON	IL	292,424
10269	10269-MT. VERNON SUB	21.2		ZC276	MT VERNON	IL	ZC298	BENTON JCT	IL	292,047
10270	10270-MT. VERNON SUB	40.9		ZC298	BENTON JCT	IL	C 093	GORHAM	IL	352,014
10272	10272-PINCKNEYVILLE SUB	27.6		CA018	PERCY	IL	CA060	J S W JCT	IL	7,126
10273	10273-MARION SUB	25.6		ZC298	BENTON JCT	IL	ZC324	NEILSON	IL	67,421
10283	10283-JEFFERSON CITY SUB	41.2		MX002	SARPYAVE	MO	MX044	WEST LABADIE	MO	428,416
10284	10284-JEFFERSON CITY SUB	81.1		MX044	WEST LABADIE	MO	MX128	RIVER JCT	MO	591,006
10285	10285-SEDALIA SUB	120.4		MX128	RIVER JCT	MO	MX249	PLEASANT HILL	MO	288,114
10286	10286-SEDALIA SUB	27.5		MX249	PLEASANT HILL	MO	MX276	ROCK CREEK JCT	MO	313,060
10291	10291-DESOTO SUB	17.7		X 057	CADET	MO	X 075	BISMARCK	MO	21,692
10292	10292-DESOTO SUB	44.5		X 075	BISMARCK	MO	X 120	GADS HILL	MO	26,230
10294	10294-CLINTON SUB	80.4		NZ220	BEVERLY	IA	NZ140	CLINTON	IA	912,856
10295	10295-CLINTON SUB	64.6		NZ285	MARSHALLTOWN	IA	NZ220	BEVERLY	IA	966,778
10296	10296-CLINTON SUB	29.9		NZ315	EAST KC JCT	IA	NZ285	MARSHALLTOWN	IA	1,004,314
10297	10297-CLINTON SUB	2.4		NZ323	WEST AMES	IA	NZ320	EAST AMES	IA	38,836
10298	10298-CLINTON SUB	7.4		NZ320	EAST AMES	IA	NZ316	WEST KC JCT	IA	1,245,476

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Master Segment Table for New Hazmat Traffic (F)

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10229	10229-DANVILLE DISTRICT (K-LINE)	1,884	1,287	18,813	181	22	2	205	NO
10231	10231-LORDSTOWN SECONDARY	645	623	6,621	61	7	184	252	NO
10232	10232-YOUNGSTOWN LINE	9,056	13,903	98,164	5,939	715	1,268	7,922	NO
10233	10233-ASHEVILLE DISTRICT	1,846	289	17,467	234	28	24	286	NO
10234	10234-GENEVA SUB	141	1,718	4,620	100	5	117	222	YES
10235	10235-GENEVA SUB	21,541	437,466	881,292	49,317	2,516	26,205	78,038	YES
10236	10236-GENEVA SUB	41,385	260,414	1,113,112	94,290	4,810	9,654	108,754	YES
10237	10237-GENEVA SUB	41,284	266,258	1,116,863	95,378	4,865	9,656	109,899	YES
10238	10238-GENEVA SUB	41,151	264,494	1,112,378	95,485	4,871	9,656	110,012	YES
10239	10239-GENEVA SUB	41,448	242,233	1,096,225	95,544	4,874	9,691	110,109	NO
10240	10240-GENEVA SUB	44,018	238,384	1,145,331	99,274	5,064	9,554	113,892	NO
10243	10243-KENOSHA SUB	69	1,012	2,440	848	43	117	1,008	YES
10244	10244-KENOSHA SUB	55	1,012	2,155	576	29	117	722	YES
10245	10245-KENOSHA SUB	26	1,012	1,538	0	0	117	117	YES
10246	10246-KENOSHA SUB	26	1,012	1,538	0	0	117	117	YES
10261	10261-VILLA GROVE SUB	17,296	52,884	409,258	34,355	1,752	5,969	42,076	NO
10262	10262-PANA SUB	18,294	52,259	429,187	34,776	1,774	6,024	42,574	NO
10265	10265-SALEM SUB	8,252	55,067	225,095	13,618	695	7,952	22,265	NO
10266	10266-SALEM SUB	7,850	55,220	216,970	13,227	675	7,898	21,800	NO
10267	10267-SALEM SUB	7,767	55,252	215,289	13,149	671	7,888	21,708	NO
10268	10268-MT. VERNON SUB	14,917	44,830	352,171	46,594	2,377	7,700	56,671	NO
10269	10269-MT. VERNON SUB	14,897	47,195	354,139	46,705	2,382	7,700	56,787	NO
10270	10270-MT. VERNON SUB	17,956	47,633	417,603	46,750	2,385	7,822	56,957	NO
10272	10272-PINCKNEYVILLE SUB	363	-2,220	5,269	78	4	13	95	NO
10273	10273-MARION SUB	3,439	59	70,919	225	11	35	271	NO
10283	10283-JEFFERSON CITY SUB	21,854	50,487	500,757	12,784	652	3,061	16,497	NO
10284	10284-JEFFERSON CITY SUB	30,147	50,479	671,632	12,643	645	3,062	16,350	NO
10285	10285-SEDALIA SUB	14,697	22,978	325,789	5,561	284	1,736	7,581	NO
10286	10286-SEDALIA SUB	15,969	22,978	352,007	5,561	284	1,750	7,595	NO
10291	10291-DESOTO SUB	1,107	-2,521	20,278	403	21	99	523	NO
10292	10292-DESOTO SUB	1,338	-380	27,188	53	3	13	69	NO
10294	10294-CLINTON SUB	46,565	197,327	1,156,748	90,048	4,593	9,608	104,249	NO
10295	10295-CLINTON SUB	49,315	181,821	1,197,914	96,288	4,912	9,491	110,691	NO
10296	10296-CLINTON SUB	51,230	184,034	1,239,578	106,050	5,410	9,791	121,251	NO
10297	10297-CLINTON SUB	1,981	2,369	43,186	15,012	766	1,366	17,144	NO
10298	10298-CLINTON SUB	63,532	199,492	1,508,500	140,104	7,147	11,497	158,748	NO

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10299	10299-CLINTON SUB	15.5		NZ335	BOONE	IA	NZ320	EAST AMES	IA	1,213,868
10300	10300-BOONE SUB	19.9		NZ355	GRAND JCT	IA	NZ335	BOONE	IA	1,245,641
10301	10301-BOONE SUB	67.9		NZ423	ARION	IA	NZ355	GRAND JCT	IA	1,196,010
10302	10302-BOONE SUB	35.8		NZ460	MISSOURI VALLEY JCT	IA	NZ423	ARION	IA	1,178,483
10303	10303-MASON CITY SUB	29.6		DM165	HAMPTON	IA	DM136	MASON CITY	IA	350,917
10304	10304-MASON CITY SUB	56.4		DM223	NORTH CHICAGO JCT	IA	DM165	HAMPTON	IA	374,539
10305	10305-MASON CITY SUB	33.6		DM255	DES MOINES	IA	DM223	NORTH CHICAGO JCT	IA	308,753
10306	10306-SIOUX CITY SUB	7.9		SX271	SERGEANT BLUFF	IA	SX263	SIOUX CITY	IA	185,652
10307	10307-SIOUX CITY SUB	62.3		SX333	CALIFORNIA JCT	IA	SX271	SERGEANT BLUFF	IA	198,350
10309	10309-WORTHINGTON SUB	114.6		SX240	LE MARS	IA	SX125	BUTTERFIELD	MN	112,428
10310	10310-WORTHINGTON SUB	23.1		SX263	SIOUX CITY	IA	SX240	LE MARS	IA	104,747
10311	10311-FAIRMONT SUB	64.9		SX125	BUTTERFIELD	MN	DF065	BRICELYN	MN	74,027
10312	10312-FAIRMONT SUB	42.8		DF065	BRICELYN	MN	DM136	MASON CITY	IA	100,519
10313	10313-MILWAUKEE SUB	15.1		EC096	BUTLER	WI	EC081	ST FRANCIS	WI	211,961
10314	10314-MILWAUKEE SUB	30.1		EC081	ST FRANCIS	WI	EC050	PLEASANT PRAIRIE	WI	134,259
10315	10315-MILWAUKEE SUB	20.1		EC050	PLEASANT PRAIRIE	WI	EC032	KO TOWER	IL	295,863
10316	10316-MILWAUKEE SUB	11.8		EC032	KO TOWER	IL	EC018	SHERMER	IL	290,429
10317	10317-MILWAUKEE SUB	5.4		EC018	SHERMER	IL	EC012	DEVAL	IL	290,429
10318	10318-MILWAUKEE SUB	4.7		EC012	DEVAL	IL	EC006	BRYN MAWR	IL	325,018
10319	10319-MILWAUKEE SUB	9.2		EC006	BRYN MAWR	IL	NZ021	PROVISO	IL	333,518
10320	10320-HARVARD SUB	25.5		HV089	JANESVILLE	WI	HV063	HARVARD	IL	23,467
10321	10321-HARVARD SUB	19.8		HV063	HARVARD	IL	HV043	CRYSTAL LAKE	IL	29,863
10325	10325-ALTOONA SUB	67.1		EC401	LAKELAND JCT	MN	EC322	YUKON	WI	125,594
10326	10326-ALTOONA SUB	17.4		EC419	WESTMINSTER STREET	MN	EC401	LAKELAND JCT	MN	122,869
10330	10330-ADAMS SUB	112.8		EC209	ADAMS	WI	EC096	BUTLER	WI	150,352
10331	10331-ALBERT LEA SUB	14.5		DM004	SOUTH ST PAUL	MN	DM018	ROSEMOUNT	MN	207,842
10332	10332-ALBERT LEA SUB	20.5		DM018	ROSEMOUNT	MN	DM039	NORTHFIELD	MN	186,128
10333	10333-ALBERT LEA SUB	6.8		DM039	NORTHFIELD	MN	DM045	COMUS	MN	196,314
10334	10334-ALBERT LEA SUB	57.8		DM045	COMUS	MN	DM099	ALBERT LEA	MN	199,737
10335	10335-ALBERT LEA SUB	36.8		DM099	ALBERT LEA	MN	DM136	MASON CITY	IA	222,476
10336	10336-MANKATO SUB	15.7		DM001	HOFFMAN ST PAUL	MN	SX012	BLACK DOG	MN	92,017
10337	10337-MANKATO SUB	4.9		SX012	BLACK DOG	MN	SX017	SAVAGE	MN	95,837
10338	10338-MANKATO SUB	61.8		SX020	VALLEY PARK	MN	SX082	MANKATO	MN	91,014
10340	10340-OMAHA SUB	25.0		NX001	COUNCIL BLUFFS	IA	NZ460	MISSOURI VALLEY JCT	IA	570,271
10344	10344-BLAIR SUB	5.8		SX333	CALIFORNIA JCT	IA	NZ460	MISSOURI VALLEY JCT	IA	894,026
10345	10345-BLAIR SUB	31.0		NX039	FREMONT	NE	SX333	CALIFORNIA JCT	IA	810,322

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Master Segment Table for New Hazmat Traffic (F)

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Segment Key	Segment Name	Baseline Organic Growth (5 Years) Carloads	Transaction Growth Carloads ⁶	Year 5 Annual Carloads	Baseline Hazmat (HM) Annual Carloads	Baseline Organic Growth (5 Years) HM Carloads	Transaction Growth HM Carloads ⁶	Year 5 Annual HM Carloads	Either A1 or A2 Flag
10299	10299-CLINTON SUB	61,919	197,111	1,472,898	130,249	6,644	10,037	146,930	NO
10300	10300-BOONE SUB	63,540	162,757	1,471,938	145,032	7,398	6,558	158,988	NO
10301	10301-BOONE SUB	61,009	161,399	1,418,418	117,123	5,974	7,422	130,519	NO
10302	10302-BOONE SUB	60,114	160,357	1,398,954	110,551	5,639	6,360	122,550	NO
10303	10303-MASON CITY SUB	17,900	31,597	400,414	79,036	4,032	4,695	87,763	NO
10304	10304-MASON CITY SUB	19,105	31,669	425,313	86,769	4,426	4,696	95,891	NO
10305	10305-MASON CITY SUB	15,750	12,250	336,753	64,566	3,294	4,959	72,819	NO
10306	10306-SIOUX CITY SUB	9,470	14,256	209,378	21,668	1,105	37	22,810	NO
10307	10307-SIOUX CITY SUB	10,118	14,148	222,616	20,432	1,042	37	21,511	NO
10309	10309-WORTHINGTON SUB	5,735	13,937	132,100	18,165	927	3	19,095	NO
10310	10310-WORTHINGTON SUB	5,343	12,254	122,344	15,197	775	4	15,976	NO
10311	10311-FAIRMONT SUB	3,776	3,491	81,294	24,161	1,232	806	26,199	NO
10312	10312-FAIRMONT SUB	5,127	4,295	109,941	31,786	1,621	1,442	34,849	NO
10313	10313-MILWAUKEE SUB	10,812	18,645	241,418	22,181	1,131	316	23,628	NO
10314	10314-MILWAUKEE SUB	6,849	16,492	157,600	16,698	852	706	18,256	NO
10315	10315-MILWAUKEE SUB	15,092	16,438	327,393	20,689	1,055	200	21,944	NO
10316	10316-MILWAUKEE SUB	14,815	16,420	321,664	20,538	1,048	198	21,784	NO
10317	10317-MILWAUKEE SUB	14,815	16,420	321,664	20,538	1,048	198	21,784	NO
10318	10318-MILWAUKEE SUB	16,579	16,659	358,256	21,054	1,074	200	22,328	NO
10319	10319-MILWAUKEE SUB	17,013	16,449	366,980	22,521	1,149	198	23,868	NO
10320	10320-HARVARD SUB	1,197	289	24,953	512	26	1	539	NO
10321	10321-HARVARD SUB	1,523	233	31,619	514	26	1	541	NO
10325	10325-ALTOONA SUB	6,407	8,635	140,636	20,289	1,035	578	21,902	NO
10326	10326-ALTOONA SUB	6,268	9,022	138,159	20,271	1,034	595	21,900	NO
10330	10330-ADAMS SUB	7,669	31,403	189,424	15,966	814	2,861	19,641	NO
10331	10331-ALBERT LEA SUB	10,602	23,515	241,959	38,973	1,988	1,045	42,006	NO
10332	10332-ALBERT LEA SUB	9,494	23,052	218,674	31,076	1,585	818	33,479	NO
10333	10333-ALBERT LEA SUB	10,014	23,137	229,465	30,658	1,564	818	33,040	NO
10334	10334-ALBERT LEA SUB	10,189	23,137	233,063	30,658	1,564	818	33,040	NO
10335	10335-ALBERT LEA SUB	11,349	23,868	257,693	33,021	1,684	827	35,532	NO
10336	10336-MANKATO SUB	4,694	2,378	99,089	13,317	679	235	14,231	NO
10337	10337-MANKATO SUB	4,889	2,362	103,088	13,317	679	235	14,231	NO
10338	10338-MANKATO SUB	4,643	2,085	97,742	13,200	673	234	14,107	NO
10340	10340-OMAHA SUB	29,090	-43,502	555,859	88,946	4,537	4,189	97,672	NO
10344	10344-BLAIR SUB	45,604	230,037	1,169,667	59,822	3,052	10,056	72,930	NO
10345	10345-BLAIR SUB	41,335	224,129	1,075,786	33,622	1,715	7,236	42,573	NO

UP-NS Response to OEA Request #2

Master Segment Table for New Hazmat Traffic (F)

Includes Organic Growth on Baseline for Non-Transaction Analysis

Segment Key	Segment Name	Segment Distance (GIS miles) ¹ Rounded to 1st Decimal	NOTE	Start Station	Start City/Station	Start State	End Station	End City/Station	End State	Baseline Annual Carloads
10346	10346-COLUMBUS SUB	45.7		NX085	COLUMBUS	NE	NX039	FREMONT	NE	1,102,409
10347	10347-COLUMBUS SUB	40.4		NX125	CENTRAL CITY	NE	NX085	COLUMBUS	NE	1,129,216
10348	10348-COLUMBUS SUB	21.3		NX147	GRAND ISLAND	NE	NX125	CENTRAL CITY	NE	1,130,146
10349	10349-KEARNEY SUB	28.9		NX176	GIBBON	NE	NX147	GRAND ISLAND	NE	1,141,019
10350	10350-KEARNEY SUB	14.0		NX189	KEARNEY	NE	NX176	GIBBON	NE	2,471,721
10351	10351-KEARNEY SUB	35.6		NX224	LEXINGTON	NE	NX189	KEARNEY	NE	2,496,097
10352	10352-KEARNEY SUB	24.6		NX249	GOTHENBURG	NE	NX224	LEXINGTON	NE	2,497,254
10353	10353-KEARNEY SUB	37.7		NX284	NORTH PLATTE	NE	NX249	GOTHENBURG	NE	2,504,496
10358	10358-MARYSVILLE SUB	4.0		KX148	MARYSVILLE	KS	KX143	UPLAND STATION	KS	1,359,841
10359	10359-MARYSVILLE SUB	36.6		KX188	FAIRBURY	NE	KX148	MARYSVILLE	KS	1,363,721
10360	10360-MARYSVILLE SUB	68.8		KX257	LEVEL	NE	KX188	FAIRBURY	NE	1,383,223
10361	10361-MARYSVILLE SUB	34.0		NX176	GIBBON	NE	KX257	LEVEL	NE	1,394,804
10362	10362-FALLS CITY SUB	32.7		NX005	SUMMIT	NE	O 165	UNION	NE	322,896
10363	10363-FALLS CITY SUB	51.1		O 153	NEBRASKA CITY	NE	O 102	FALLS CITY	NE	327,025
10364	10364-FALLS CITY SUB	13.6		O 102	FALLS CITY	NE	O 088	HIAWATHA	KS	328,577
10365	10365-FALLS CITY SUB	39.4		O 088	HIAWATHA	KS	O 048	ATCHISON	KS	725,065
10368	10368-FALLS CITY SUB	11.2		O 165	UNION	NE	O 153	NEBRASKA CITY	NE	328,078
10369	10369-SIDNEY SUB	14.1		NX301	OFALLONS	NE	NX284	NORTH PLATTE	NE	2,496,965
10370	10370-SIDNEY SUB	176.2		NX478	EGBERT	WY	NX301	OFALLONS	NE	1,240,563
10371	10371-SIDNEY SUB	32.6		WX510	CHEYENNE	WY	NX478	EGBERT	WY	1,262,829
10375	10375-LARAMIE SUB	8.9		WX510	CHEYENNE	WY	WS518	SPEER	WY	597,143
10377	10377-LARAMIE SUB	19.9		WX545	DALE	WY	WX566	LARAMIE	WY	1,210,953
10378	10378-LARAMIE SUB	25.8		WX519	BORIE	WY	WX545	DALE	WY	869,926
10379	10379-LARAMIE SUB	76.1		WX566	LARAMIE	WY	WX643	HANNA	WY	1,206,680
10380	10380-LARAMIE SUB	39.1		WX643	HANNA	WY	WX683	RAWLINS	WY	1,206,653
10381	10381-RAWLINS SUB	83.0		WX766	BLACK BUTTES	WY	WX683	RAWLINS	WY	1,117,677
10382	10382-RAWLINS SUB	10.9		WX777	POINT OF ROCKS	WY	WX766	BLACK BUTTES	WY	1,261,550
10383	10383-RAWLINS SUB	39.1		WX817	GREEN RIVER	WY	WX777	POINT OF ROCKS	WY	1,237,862
10384	10384-EVANSTON SUB	29.5		WX847	GRANGER	WY	WX817	GREEN RIVER	WY	1,266,064
10385	10385-EVANSTON SUB	148.6		UY993	OGDEN	UT	WX847	GRANGER	WY	689,754
10386	10386-KANSAS SUB	59.8		KX068	TOPEKA	KS	KX006	WEST YARD	KS	1,359,424
10387	10387-KANSAS SUB	29.0		KX103	JEFFREY	KS	KX073	MENOKEN	KS	879,563
10388	10388-KANSAS SUB	44.7		KX143	UPLAND STATION	KS	KX101	AIKINS	KS	966,643
10389	10389-HIAWATHA SUB	64.3		O 088	HIAWATHA	KS	KX143	UPLAND STATION	KS	396,815
10390	10390-SALINA SUB	14.2		KP187	SALINA	KS	KP172	SOLOMON	KS	124,368
10391	10391-SALINA SUB	8.7		KP172	SOLOMON	KS	KP164	ABILENE	KS	125,364

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10346	10346-COLUMBUS SUB	56,234	163,556	1,322,199	74,860	3,819	3,189	81,868	NO
10347	10347-COLUMBUS SUB	57,601	167,697	1,354,514	79,293	4,045	3,153	86,491	NO
10348	10348-COLUMBUS SUB	57,649	167,733	1,355,528	79,008	4,030	3,153	86,191	NO
10349	10349-KEARNEY SUB	58,203	156,775	1,355,997	82,992	4,233	2,899	90,124	NO
10350	10350-KEARNEY SUB	126,083	216,145	2,813,949	117,845	6,011	3,115	126,971	NO
10351	10351-KEARNEY SUB	127,326	216,141	2,839,564	123,292	6,289	3,116	132,697	NO
10352	10352-KEARNEY SUB	127,385	216,141	2,840,780	123,247	6,287	3,115	132,649	NO
10353	10353-KEARNEY SUB	127,754	216,997	2,849,247	124,532	6,352	3,123	134,007	NO
10358	10358-MARYSVILLE SUB	69,366	59,484	1,488,691	62,451	3,186	310	65,947	NO
10359	10359-MARYSVILLE SUB	69,563	59,479	1,492,763	62,671	3,197	310	66,178	NO
10360	10360-MARYSVILLE SUB	70,558	59,872	1,513,653	64,133	3,271	309	67,713	NO
10361	10361-MARYSVILLE SUB	71,149	59,550	1,525,503	66,106	3,372	228	69,706	NO
10362	10362-FALLS CITY SUB	16,471	-18,335	321,032	73,036	3,726	230	76,992	NO
10363	10363-FALLS CITY SUB	16,682	-18,291	325,416	74,683	3,810	230	78,723	NO
10364	10364-FALLS CITY SUB	16,761	-18,293	327,045	74,741	3,813	231	78,785	NO
10365	10365-FALLS CITY SUB	36,986	-7,718	754,333	74,832	3,817	276	78,925	NO
10368	10368-FALLS CITY SUB	16,735	-18,310	326,503	74,683	3,810	230	78,723	NO
10369	10369-SIDNEY SUB	127,370	204,287	2,828,622	127,434	6,500	1,490	135,424	NO
10370	10370-SIDNEY SUB	63,281	151,572	1,455,416	118,425	6,041	790	125,256	NO
10371	10371-SIDNEY SUB	64,417	151,477	1,478,723	116,546	5,945	794	123,285	NO
10375	10375-LARAMIE SUB	30,460	48,814	676,417	67,745	3,456	63	71,264	NO
10377	10377-LARAMIE SUB	61,771	147,879	1,420,603	124,299	6,340	574	131,213	NO
10378	10378-LARAMIE SUB	44,375	119,492	1,033,793	70,310	3,587	677	74,574	NO
10379	10379-LARAMIE SUB	61,553	147,909	1,416,142	124,300	6,341	574	131,215	NO
10380	10380-LARAMIE SUB	61,551	147,910	1,416,114	124,377	6,344	574	131,295	NO
10381	10381-RAWLINS SUB	57,013	141,218	1,315,908	113,202	5,774	658	119,634	NO
10382	10382-RAWLINS SUB	64,352	147,898	1,473,800	129,773	6,620	564	136,957	NO
10383	10383-RAWLINS SUB	63,143	147,886	1,448,891	136,961	6,986	558	144,505	NO
10384	10384-EVANSTON SUB	64,582	148,838	1,479,484	125,688	6,411	725	132,824	NO
10385	10385-EVANSTON SUB	35,184	108,045	832,983	92,661	4,727	315	97,703	NO
10386	10386-KANSAS SUB	69,344	128,829	1,557,597	130,322	6,648	1,200	138,170	NO
10387	10387-KANSAS SUB	44,867	48,218	972,648	62,156	3,171	264	65,591	NO
10388	10388-KANSAS SUB	49,309	48,370	1,064,322	62,348	3,180	265	65,793	NO
10389	10389-HIAWATHA SUB	20,242	11,114	428,171	103	5	45	153	NO
10390	10390-SALINA SUB	6,344	-55	130,657	62,143	3,170	55	65,368	NO
10391	10391-SALINA SUB	6,395	-55	131,704	62,076	3,166	55	65,297	NO

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Master Segment Table for New Hazmat Traffic (F)

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Segment Key	Segment Name	Segment Distance (GIS miles) ¹ Rounded to 1st Decimal	NOTE	Start Station	Start City/Station	Start State	End Station	End City/Station	End State	Baseline Annual Carloads
10392	10392-SALINA SUB	24.1		KP164	ABILENE	KS	KP140	JUNCTION CITY	KS	114,473
10393	10393-SALINA SUB	65.9		KP140	JUNCTION CITY	KS	KX073	MENOKEN	KS	113,035
10396	10396-TOPEKA SUB	81.9		KX068	TOPEKA	KS	SW148	HERINGTON	KS	578,761
10397	10397-HERINGTON SUB	73.4		SW148	HERINGTON	KS	SW221	HUTCHINSON	KS	468,008
10398	10398-HERINGTON SUB	50.1		SW221	HUTCHINSON	KS	SW279	PRATT	KS	441,134
10399	10399-PRATT SUB	215.4		SW279	PRATT	KS	SW492	STRATFORD	TX	426,057
10400	10400-PRATT SUB	29.4		SW523	DALHART	TX	SW492	STRATFORD	TX	405,570
10401	10401-LOST SPRINGS SUB	7.0		SW148	HERINGTON	KS	HM179	LOST SPRINGS	KS	123,234
10402	10402-LOST SPRINGS SUB	29.7		HM179	LOST SPRINGS	KS	HM208	PEABODY	KS	136,333
10403	10403-LOST SPRINGS SUB	33.0		HM208	PEABODY	KS	H 186	WICHITA	KS	136,611
10404	10404-ENID SUB	99.7		H 186	WICHITA	KS	HM342	ENID	OK	156,651
10405	10405-ENID SUB	59.0		HM342	ENID	OK	HM403	EL RENO	OK	195,123
10406	10406-ENID SUB	32.6		HM403	EL RENO	OK	HM436	CHICKASHA	OK	143,260
10407	10407-DUNCAN SUB	79.1		HM436	CHICKASHA	OK	HM515	TERRAL	OK	121,863
10408	10408-DUNCAN SUB	47.7		HM515	TERRAL	OK	HM563	CHICO	TX	116,079
10409	10409-DUNCAN SUB	40.4		HM570	BRIDGEPORT	TX	HM609	TOWER 60	TX	230,713
10411	10411-COFFEYVILLE SUB	47.0		MX283	KANSAS CITY	MO	L 466	PAOLA	KS	1,009,793
10413	10413-PARSONS SUB	93.7		L 466	PAOLA	KS	MK386	PARSONS	KS	471,743
10417	10417-WAGONER SUB	6.1		L 242	WAGONER	OK	L 233	OKAY JCT	OK	425,176
10418	10418-WAGONER SUB	69.5		L 229	OGE SPUR	OK	L 158	VAN BUREN	AR	389,653
10419	10419-CHEROKEE SUB	109.0		MK386	PARSONS	KS	L 242	WAGONER	OK	472,960
10420	10420-CHEROKEE SUB	2.1		L 242	WAGONER	OK	MK496	AU JCT	OK	570,461
10421	10421-CHEROKEE SUB	23.4		MK496	AU JCT	OK	MK509	MARVIN	OK	604,655
10427	10427-HOXIE SUB	24.5		XD025	CHARLESTON JCT	MO	X 166	POPLAR BLUFF	MO	541,026
10428	10428-HOXIE SUB	92.5		X 168	SOUTH POPLAR BLUFF	MO	X 259	DIAZ	AR	570,903
10429	10429-HOXIE SUB	28.9		X 259	DIAZ	AR	X 288	BALD KNOB	AR	619,728
10430	10430-HOXIE SUB	56.2		X 288	BALD KNOB	AR	X 344	NORTH LITTLE ROCK	AR	853,629
10431	10431-LITTLE ROCK SUB	41.3		X 347	LR JCT	AR	X 389	MALVERN	AR	639,908
10432	10432-LITTLE ROCK SUB	69.5		X 389	MALVERN	AR	X 458	HOPE	AR	659,891
10433	10433-LITTLE ROCK SUB	31.8		X 458	HOPE	AR	X 491	TEXARKANA	AR	613,947
10434	10434-LITTLE ROCK SUB	66.5		X 491	TEXARKANA	AR	TP067	MARSHALL	TX	578,533
10435	10435-LITTLE ROCK SUB	22.8		TP067	MARSHALL	TX	TP090	LONGVIEW	TX	802,657
10436	10436-VAN BUREN SUB	167.7		L 158	VAN BUREN	AR	X 344	NORTH LITTLE ROCK	AR	415,778
10441	10441-MEMPHIS SUB	5.3		XG093	MEMPHIS	TN	XG087	BRIARK	AR	273,439
10442	10442-MEMPHIS SUB	5.2		XG087	BRIARK	AR	XG082	PRESLEY JCT	AR	272,839
10443	10443-MEMPHIS SUB	32.8		XG077	MARION	AR	C 304	WYNNE	AR	259,696

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10392	10392-SALINA SUB	5,839	75	120,387	62,049	3,165	55	65,269	NO
10393	10393-SALINA SUB	5,766	495	119,296	62,101	3,168	55	65,324	NO
10396	10396-TOPEKA SUB	29,523	109,245	717,529	51,462	2,625	1,312	55,399	NO
10397	10397-HERINGTON SUB	23,873	97,248	589,129	41,751	2,130	988	44,869	NO
10398	10398-HERINGTON SUB	22,502	94,978	558,614	34,121	1,741	744	36,606	NO
10399	10399-PRATT SUB	21,733	94,840	542,630	30,912	1,577	743	33,232	NO
10400	10400-PRATT SUB	20,688	95,417	521,675	27,075	1,381	743	29,199	NO
10401	10401-LOST SPRINGS SUB	6,286	9,452	138,972	13,807	704	585	15,096	NO
10402	10402-LOST SPRINGS SUB	6,954	9,453	152,740	13,832	706	584	15,122	NO
10403	10403-LOST SPRINGS SUB	6,969	9,453	153,033	13,832	706	584	15,122	NO
10404	10404-ENID SUB	7,991	7,059	171,701	19,174	978	366	20,518	NO
10405	10405-ENID SUB	9,953	-1,252	203,824	19,258	982	349	20,589	NO
10406	10406-ENID SUB	7,308	-2,583	147,985	12,038	614	330	12,982	NO
10407	10407-DUNCAN SUB	6,216	-2,581	125,498	12,036	614	330	12,980	NO
10408	10408-DUNCAN SUB	5,921	-2,576	119,424	12,049	615	331	12,995	NO
10409	10409-DUNCAN SUB	11,769	-2,423	240,059	13,137	670	487	14,294	NO
10411	10411-COFFEYVILLE SUB	51,510	54,772	1,116,075	212,908	10,860	456	224,224	NO
10413	10413-PARSONS SUB	24,064	26,817	522,624	105,052	5,359	598	111,009	NO
10417	10417-WAGONER SUB	21,688	29,771	476,635	83,794	4,274	1,746	89,814	NO
10418	10418-WAGONER SUB	19,876	28,641	438,170	82,073	4,187	1,385	87,645	NO
10419	10419-CHEROKEE SUB	24,126	26,845	523,931	105,211	5,367	604	111,182	NO
10420	10420-CHEROKEE SUB	29,099	28,117	627,677	135,006	6,887	143	142,036	NO
10421	10421-CHEROKEE SUB	30,843	32,045	667,543	139,336	7,108	1,596	148,040	NO
10427	10427-HOXIE SUB	27,598	41,042	609,666	87,993	4,489	452	92,934	NO
10428	10428-HOXIE SUB	29,122	42,563	642,588	87,522	4,465	521	92,508	NO
10429	10429-HOXIE SUB	31,612	45,003	696,343	91,276	4,656	476	96,408	NO
10430	10430-HOXIE SUB	43,544	218,409	1,115,582	124,651	6,358	13,583	144,592	NO
10431	10431-LITTLE ROCK SUB	32,642	71,315	743,865	87,283	4,452	3,526	95,261	NO
10432	10432-LITTLE ROCK SUB	33,661	70,939	764,491	87,578	4,467	3,525	95,570	NO
10433	10433-LITTLE ROCK SUB	31,317	70,309	715,573	85,886	4,381	3,526	93,793	NO
10434	10434-LITTLE ROCK SUB	29,511	70,232	678,276	82,629	4,215	3,821	90,665	NO
10435	10435-LITTLE ROCK SUB	40,944	143,528	987,129	129,931	6,628	2,700	139,259	NO
10436	10436-VAN BUREN SUB	21,209	31,580	468,567	84,741	4,323	1,451	90,515	NO
10441	10441-MEMPHIS SUB	13,948	187,323	474,710	44,347	2,262	2,286	48,895	YES
10442	10442-MEMPHIS SUB	13,918	187,010	473,767	44,286	2,259	2,282	48,827	YES
10443	10443-MEMPHIS SUB	13,247	183,211	456,154	32,751	1,671	13,152	47,574	YES

UP-NS Response to OEA Request #2

Master Segment Table for New Hazmat Traffic (F)

Includes Organic Growth on Baseline for Non-Transaction Analysis

Segment Key	Segment Name	Segment Distance (GIS miles) ¹ Rounded to 1st Decimal	NOTE	Start Station	Start City/Station	Start State	End Station	End City/Station	End State	Baseline Annual Carloads
10444	10444-MEMPHIS SUB	13.5		C 304	WYNNE	AR	XG031J	FAIR OAKS JCT	AR	269,680
10445	10445-MEMPHIS SUB	30.9		XG031J	FAIR OAKS JCT	AR	X 288	BALD KNOB	AR	239,328
10447	10447-JONESBORO SUB	44.9		C 262	JONESBORO	AR	C 304	WYNNE	AR	4,783
10459	10459-LIVONIA SUB	25.6	7	TB052	ST JAMES	LA	TB028	TAFT	LA	411,020
10460	10460-LIVONIA SUB	36.1		TB090	ADDIS	LA	TB052	ST JAMES	LA	509,637
10461	10461-ALEXANDRIA SUB	75.1		TB190	WILLOW GLEN	LA	TB114	LIVONIA	LA	544,571
10465	10465-LAKE CHARLES SUB	61.6		TB190	WILLOW GLEN	LA	B 544	KINDER	LA	19,635
10468	10468-MINEOLA SUB	92.3		TP113	BIG SANDY	TX	TP202	MESQUITE	TX	450,786
10469	10469-MINEOLA SUB	5.1		TP202	MESQUITE	TX	TP210	MP JCT	TX	528,886
10470	10470-DALLAS SUB	35.2		TP216	TERMINAL JCT	TX	TP245	TOWER FIFTY FIVE	TX	609,327
10471	10471-DALLAS SUB	1.1		TP250	FT WORTH	TX	TP245	TOWER FIFTY FIVE	TX	1,153,692
10472	10472-BAIRD SUB	203.7		TP250	FT WORTH	TX	TP448	SWEETWATER	TX	467,726
10473	10473-TOYAH SUB	65.1		TP448	SWEETWATER	TX	TP513	BIG SPRING	TX	459,224
10474	10474-TOYAH SUB	56.7		TP513	BIG SPRING	TX	TP570	ODESSA	TX	433,320
10475	10475-TOYAH SUB	94.2		TP570	ODESSA	TX	TP666	TOYAH	TX	402,739
10476	10476-TOYAH SUB	102.6		TP768	SIERRA BLANCA	TX	TP666	TOYAH	TX	374,244
10479	10479-PALESTINE SUB	80.9		TP090	LONGVIEW	TX	AX081	PALESTINE	TX	418,128
10482	10482-HEARNE SUB	88.2		A 081	WEST JCT	TX	AX171	HEARNE	TX	261,024
10486	10486-AUSTIN SUB	8.2		BA161	AJAX	TX	AY008	HUNTER	TX	762,070
10489	10489-AUSTIN SUB	23.7		AX317	CRAIG JCT	TX	AX341	APACHE JCT	TX	409,411
10490	10490-AUSTIN SUB	26.6		AX317	CRAIG JCT	TX	SO220	TOWER 112	TX	222,243
10491	10491-LAREDO SUB	76.1		AX345	SOUTH SAN ANTONIO	TX	AX422	GARDENDALE	TX	393,771
10492	10492-LAREDO SUB	12.3		AX482	PORT LAREDO	TX	AX494	LAREDO	TX	307,518
10494	10494-CORPUS CHRISTI SUB	52.7		AX345	SOUTH SAN ANTONIO	TX	CC055	CAMPBELLTON	TX	72,568
10495	10495-CORPUS CHRISTI SUB	75.1		CC055	CAMPBELLTON	TX	B 155	ODEM	TX	64,130
10500	10500-FT. WORTH SUB	82.5		MK760	SOUTH NEY JCT	TX	BV181	WACO JCT	TX	649,485
10501	10501-FT. WORTH SUB	65.8		BV181	WACO JCT	TX	AX175	VALLEY JCT	TX	549,950
10502	10502-BEAUMONT SUB	76.1		TB114	LIVONIA	LA	B 544	KINDER	LA	340,273
10503	10503-BEAUMONT SUB	36.1		B 544	KINDER	LA	B 508	DEQUINCY	LA	151,538
10504	10504-BEAUMONT SUB	45.8		B 508	DEQUINCY	LA	LS462	TOWER 31	TX	221,248
10506	10506-BROWNSVILLE TRM	57.7		B 219	BLOOMINGTON	TX	B 162	SINTON	TX	183,593
10507	10507-BROWNSVILLE TRM	12.9		B 155	ODEM	TX	B 141	ROBSTOWN	TX	93,765
10508	10508-BROWNSVILLE TRM	24.1		B 141	ROBSTOWN	TX	B 119	KINGSVILLE	TX	69,327
10509	10509-BROWNSVILLE TRM	92.9		B 119	KINGSVILLE	TX	B 025	HARLINGEN	TX	69,186
10510	10510-ANGLETON SUB	23.2		B 343	ALGOA	TX	B 321	ANGLETON	TX	449,178
10519	10519-LOCKHART SUB	51.7		BA110	SMITHVILLE	TX	BA161	AJAX	TX	244,132

UP-NS Response to OEA Request #2

Master Segment Table for New Hazmat Traffic (F)

Includes Organic Growth on Baseline for Non-Transaction Analysis

Segment Key	Segment Name	Baseline Organic Growth (5 Years) Carloads	Transaction Growth Carloads ⁶	Year 5 Annual Carloads	Baseline Hazmat (HM) Annual Carloads	Baseline Organic Growth (5 Years) HM Carloads	Transaction Growth HM Carloads ⁶	Year 5 Annual HM Carloads	Either A1 or A2 Flag
10444	10444-MEMPHIS SUB	13,756	183,583	467,019	33,653	1,717	13,151	48,521	NO
10445	10445-MEMPHIS SUB	12,208	172,958	424,494	33,292	1,698	13,111	48,101	NO
10447	10447-JONESBORO SUB	244	1,317	6,344	158	8	4	170	NO
10459	10459-LIVONIA SUB	20,966	322,296	754,282	114,139	5,822	35,152	155,113	NO
10460	10460-LIVONIA SUB	25,997	337,267	872,901	180,265	9,195	35,106	224,566	YES
10461	10461-ALEXANDRIA SUB	27,779	38,683	611,033	168,455	8,593	17	177,065	NO
10465	10465-LAKE CHARLES SUB	1,002	2,314	22,951	7,134	364	50	7,548	NO
10468	10468-MINEOLA SUB	22,995	103,977	577,758	37,181	1,897	354	39,432	NO
10469	10469-MINEOLA SUB	26,979	93,909	649,774	41,363	2,110	276	43,749	NO
10470	10470-DALLAS SUB	31,082	78,564	718,973	42,472	2,166	377	45,015	NO
10471	10471-DALLAS SUB	58,850	55,340	1,267,882	119,190	6,080	1,100	126,370	NO
10472	10472-BAIRD SUB	23,859	95,857	587,442	64,660	3,298	378	68,336	NO
10473	10473-TOYAH SUB	23,425	95,972	578,621	65,260	3,329	378	68,967	NO
10474	10474-TOYAH SUB	22,104	95,339	550,763	53,449	2,726	188	56,363	NO
10475	10475-TOYAH SUB	20,544	90,931	514,214	44,942	2,292	205	47,439	NO
10476	10476-TOYAH SUB	19,090	90,588	483,922	40,451	2,063	205	42,719	NO
10479	10479-PALESTINE SUB	21,329	29,965	469,422	74,876	3,819	1,376	80,071	NO
10482	10482-HEARNE SUB	13,315	26,714	301,053	27,243	1,390	2,320	30,953	NO
10486	10486-AUSTIN SUB	38,873	21,245	822,188	36,982	1,886	6	38,874	NO
10489	10489-AUSTIN SUB	20,884	22,587	452,882	27,167	1,386	45	28,598	NO
10490	10490-AUSTIN SUB	11,337	6,530	240,110	13,394	683	19	14,096	NO
10491	10491-LAREDO SUB	20,086	39,604	453,461	25,755	1,314	16	27,085	YES
10492	10492-LAREDO SUB	15,687	12,635	335,840	23,406	1,194	18	24,618	NO
10494	10494-CORPUS CHRISTI SUB	3,702	-195	76,075	102	5	8	115	NO
10495	10495-CORPUS CHRISTI SUB	3,271	-10	67,391	452	23	1	476	NO
10500	10500-FT. WORTH SUB	33,130	20,986	703,601	114,516	5,841	140	120,497	NO
10501	10501-FT. WORTH SUB	28,053	21,349	599,352	111,992	5,713	140	117,845	NO
10502	10502-BEAUMONT SUB	17,357	229,540	587,170	113,785	5,804	17,195	136,784	NO
10503	10503-BEAUMONT SUB	7,730	229,601	388,869	46,666	2,380	38,247	87,293	YES
10504	10504-BEAUMONT SUB	11,286	213,885	446,419	69,430	3,542	28,365	101,337	YES
10506	10506-BROWNSVILLE TRM	9,365	23,413	216,371	38,590	1,968	80	40,638	NO
10507	10507-BROWNSVILLE TRM	4,783	1,194	99,742	14,019	715	94	14,828	NO
10508	10508-BROWNSVILLE TRM	3,536	1,191	74,054	13,963	712	94	14,769	NO
10509	10509-BROWNSVILLE TRM	3,529	1,239	73,954	13,533	690	100	14,323	NO
10510	10510-ANGLETON SUB	22,913	33,187	505,278	126,979	6,477	221	133,677	NO
10519	10519-LOCKHART SUB	12,453	11,445	268,030	5,282	269	44	5,595	NO

UP-NS Response to OEA Request #2

Master Segment Table for New Hazmat Traffic (F)

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Segment Key	Segment Name	Segment Distance (GIS miles) ¹ Rounded to 1st Decimal	NOTE	Start Station	Start City/Station	Start State	End Station	End City/Station	End State	Baseline Annual Carloads
10520	10520-GALVESTON SUB	57.5		SO001	TOWER 30	TX	A 270	TEXAS CITY	TX	89,410
10525	10525-LAFAYETTE SUB	46.2		LS407	DAYTON	TX	B 461	BEAUMONT	TX	329,380
10526	10526-LAFAYETTE SUB	25.6		LS376	DAWES	TX	LS407	DAYTON	TX	490,801
10532	10532-EUREKA SUB	54.3		BV049	NAVASOTA	TX	HR010	MELENDY	TX	245,618
10541	10541-GLIDDEN SUB	23.9		SO037	ROSENBERG	TX	SO011	WEST JUNCTION	TX	601,138
10542	10542-GLIDDEN SUB	32.9		SO069	EAGLE LAKE	TX	SO037	ROSENBERG	TX	503,801
10543	10543-GLIDDEN SUB	54.4		SO119	FLATONIA	TX	SO068	EAGLE LAKE JCT	TX	498,528
10544	10544-GLIDDEN SUB	81.6		SO211	KIRBY	TX	SO119	FLATONIA	TX	575,955
10545	10545-CUERO SUB	20.4		FL077	WEST POINT	TX	SO119	FLATONIA	TX	109,517
10548	10548-DEL RIO SUB	100.6		SO325	CLINE	TX	SO228	WITHERS	TX	565,169
10549	10549-DEL RIO SUB	21.1		SO351	SPOFFORD	TX	SO325	CLINE	TX	474,395
10550	10550-DEL RIO SUB	36.6		SO387	DEL RIO	TX	SO351	SPOFFORD	TX	126,578
10551	10551-EAGLE PASS SUB	34.4		SO351	SPOFFORD	TX	TO384	EAGLE PASS	TX	367,322
10552	10552-SANDERSON SUB	126.2		SO387	DEL RIO	TX	SO513	SANDERSON	TX	126,496
10553	10553-SANDERSON SUB	90.7		SO605	ALPINE	TX	SO513	SANDERSON	TX	126,496
10554	10554-VALENTINE SUB	132.0		SO605	ALPINE	TX	TP768	SIERRA BLANCA	TX	126,513
10555	10555-VALENTINE SUB	85.6		TP860	EL PASO	TX	TP768	SIERRA BLANCA	TX	515,288
10556	10556-GILA SUB	50.2		SP359	PICACHO	AZ	SP317	TUCSON	AZ	887,748
10557	10557-GILA SUB	170.9		SP526	WELLTON	AZ	SP359	PICACHO	AZ	750,861
10558	10558-GILA SUB	40.6		SP563	YUMA	AZ	SP526	WELLTON	AZ	742,006
10559	10559-LORDSBURG SUB	87.2		SP090	DEMING	NM	TP860	EL PASO	TX	883,526
10560	10560-LORDSBURG SUB	60.7		SP149	LORDSBURG	NM	SP090	DEMING	NM	872,427
10561	10561-LORDSBURG SUB	90.0		SP234	COCHISE	AZ	SP149	LORDSBURG	NM	891,332
10562	10562-LORDSBURG SUB	32.6		SP268	BENSON	AZ	SP234	COCHISE	AZ	900,156
10563	10563-LORDSBURG SUB	47.4		SP317	TUCSON	AZ	SP268	BENSON	AZ	901,163
10564	10564-CARRIZOZO SUB	245.0		TP860	EL PASO	TX	SW718	VAUGHN	NM	378,999
10565	10565-TUCUMCARI SUB	195.0		SW523	DALHART	TX	SW718	VAUGHN	NM	384,620
10566	10566-NOGALES SUB	63.8		SP317	TUCSON	AZ	LB128	NOGALES	AZ	147,565
10567	10567-PHOENIX SUB	73.1		LB432	PHOENIX	AZ	SP359	PICACHO	AZ	135,196
10568	10568-COLORADO SPRINGS SUB	76.2		WD640	DENVER	CO	WD565	COLORADO SPRINGS	CO	49,871
10570	10570-GREELEY SUB	52.4		WD687	LA SALLE	CO	WS517	SPEER JCT	WY	306,813
10571	10571-GREELEY SUB	45.4		WD640	DENVER	CO	WD687	LA SALLE	CO	209,636
10573	10573-MOFFAT TUNNEL SUB	59.1		KP696	WINTER PARK	CO	KP640	PROSPECT	CO	95,599
10574	10574-MOFFAT TUNNEL SUB	74.1		KP768	BOND	CO	KP696	WINTER PARK	CO	94,532
10579	10579-GLENWOOD SPRINGS SUB	37.6		KP791	DOTSERO	CO	KP768	BOND	CO	98,256
10580	10580-GLENWOOD SPRINGS SUB	106.1		KP898	GRAND JUNCTION	CO	KP791	DOTSERO	CO	98,321

UP-NS Response to OEA Request #2

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10520	10520-GALVESTON SUB	4,561	12,631	106,602	59,660	3,043	1,716	64,419	NO
10525	10525-LAFAYETTE SUB	16,802	163,693	509,875	103,680	5,289	21,268	130,237	YES
10526	10526-LAFAYETTE SUB	25,036	157,602	673,439	151,443	7,725	17,949	177,117	YES
10532	10532-EUREKA SUB	12,529	19,750	277,897	62,352	3,181	2,288	67,821	NO
10541	10541-GLIDDEN SUB	30,664	53,559	685,361	69,050	3,522	667	73,239	NO
10542	10542-GLIDDEN SUB	25,699	54,485	583,985	66,557	3,395	640	70,592	NO
10543	10543-GLIDDEN SUB	25,430	56,766	580,724	67,237	3,430	667	71,334	NO
10544	10544-GLIDDEN SUB	29,379	58,180	663,514	71,945	3,670	797	76,412	NO
10545	10545-CUERO SUB	5,586	-91	115,012	3,130	160	63	3,353	NO
10548	10548-DEL RIO SUB	28,829	9,315	603,313	57,600	2,938	650	61,188	NO
10549	10549-DEL RIO SUB	24,199	3,385	501,979	56,871	2,901	647	60,419	NO
10550	10550-DEL RIO SUB	6,457	38,845	171,880	29,272	1,493	445	31,210	NO
10551	10551-EAGLE PASS SUB	18,737	26,317	412,376	27,601	1,408	204	29,213	NO
10552	10552-SANDERSON SUB	6,453	38,845	171,794	29,272	1,493	445	31,210	NO
10553	10553-SANDERSON SUB	6,453	38,845	171,794	29,272	1,493	445	31,210	NO
10554	10554-VALENTINE SUB	6,453	38,845	171,811	29,272	1,493	445	31,210	NO
10555	10555-VALENTINE SUB	26,285	125,013	666,586	70,238	3,583	729	74,550	NO
10556	10556-GILA SUB	45,284	192,053	1,125,085	77,509	3,954	1,208	82,671	YES
10557	10557-GILA SUB	38,301	187,288	976,450	52,193	2,662	1,147	56,002	YES
10558	10558-GILA SUB	37,850	187,286	967,142	51,995	2,652	1,146	55,793	YES
10559	10559-LORDSBURG SUB	45,069	189,807	1,118,402	85,429	4,358	1,265	91,052	YES
10560	10560-LORDSBURG SUB	44,503	188,802	1,105,732	86,515	4,413	1,259	92,187	YES
10561	10561-LORDSBURG SUB	45,467	188,750	1,125,549	101,102	5,157	1,258	107,517	YES
10562	10562-LORDSBURG SUB	45,917	188,835	1,134,908	104,522	5,332	1,258	111,112	YES
10563	10563-LORDSBURG SUB	45,968	188,840	1,135,971	105,385	5,376	1,257	112,018	YES
10564	10564-CARRIZOZO SUB	19,333	97,437	495,769	25,900	1,321	609	27,830	YES
10565	10565-TUCUMCARI SUB	19,619	98,136	502,375	25,815	1,317	610	27,742	NO
10566	10566-NOGALES SUB	7,527	4,833	159,925	24,857	1,268	3	26,128	NO
10567	10567-PHOENIX SUB	6,896	4,593	146,685	20,282	1,035	61	21,378	NO
10568	10568-COLORADO SPRINGS SUB	2,544	277	52,692	256	13	2	271	NO
10570	10570-GREELEY SUB	15,651	6,626	329,090	15,716	802	194	16,712	NO
10571	10571-GREELEY SUB	10,694	5,733	226,063	14,415	735	177	15,327	NO
10573	10573-MOFFAT TUNNEL SUB	4,877	130	100,606	56,563	2,885	58	59,506	NO
10574	10574-MOFFAT TUNNEL SUB	4,822	96	99,450	58,465	2,982	56	61,503	NO
10579	10579-GLENWOOD SPRINGS SUB	5,012	181	103,449	58,578	2,988	56	61,622	NO
10580	10580-GLENWOOD SPRINGS SUB	5,015	179	103,515	58,569	2,988	56	61,613	NO

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10591	10591-PROVO SUB	40.9		UP002	ROPER	UT	UP076	PROVO	UT	78,706
10592	10592-SALT LAKE SUB	35.7		UY993	OGDEN	UT	UZ029	SALT LAKE CITY	UT	571,940
10594	10594-OGDEN SUB	50.6		UY993	OGDEN	UT	UN049	CACHE JCT	UT	133,367
10603	10603-WINNEMUCCA SUB	149.7		PX574	FLANIGAN	NV	UX426	WINNEMUCCA	NV	178,682
10604	10604-WINNEMUCCA SUB	42.1		PX616	RENO JCT	CA	PX574	FLANIGAN	NV	183,375
10605	10605-WINNEMUCCA SUB	19.9		PX637	PORTOLA	CA	PX616	RENO JCT	CA	183,401
10606	10606-ELKO SUB	98.6		UX386	VALMY	NV	UX293	ELKO	NV	371,853
10609	10609-SHAFTER SUB	42.9		UX293	ELKO	NV	UX244	ALAZON	NV	248,779
10613	10613-POCATELLO SUB	41.3		IX887	KEMMERER	WY	WX847	GRANGER	WY	607,493
10614	10614-POCATELLO SUB	155.4		IY038	MCCAMMON	ID	IX887	KEMMERER	WY	599,344
10615	10615-POCATELLO SUB	26.9		IY061	POCATELLO	ID	IY038	MCCAMMON	ID	678,863
10616	10616-NAMPA SUB	57.0		IY120	MINIDOKA	ID	IY061	POCATELLO	ID	622,594
10617	10617-NAMPA SUB	184.3		IY304	NAMPA	ID	IY120	MINIDOKA	ID	503,549
10618	10618-HUNTINGTON SUB	39.6		IY346	ONTARIO	OR	IY304	NAMPA	ID	492,467
10619	10619-HUNTINGTON SUB	146.4		OX486	LA GRANDE	OR	IY346	ONTARIO	OR	471,765
10627	10627-PORTLAND SUB	16.2		OX776	PENINSULA JCT	OR	OX760	TROUTDALE	OR	467,630
10628	10628-PORTLAND SUB	1.8		OX776	PENINSULA JCT	OR	OP501	ST JOHNS JCT	OR	222,668
10629	10629-PORTLAND SUB	2.4		OP501	ST JOHNS JCT	OR	OP500	ALBINA	OR	298,871
10632	10632-LAGRANDE SUB	105.7		OX591	HINKLE	OR	OX486	LA GRANDE	OR	467,631
10633	10633-CASCADE SUB	76.9		OZ465	OAKRIDGE	OR	OZ388	CHEMULT	OR	210,568
10634	10634-CASCADE SUB	72.9		OZ388	CHEMULT	OR	OZ314	KLAMATH FALLS	OR	212,363
10638	10638-BROOKLYN SUB	46.3		OZ512	EUGENE	OR	OZ465	OAKRIDGE	OR	211,544
10639	10639-SEATTLE SUB	39.2		OX951	SEATTLE	WA	OX916	TACOMA	WA	133,006
10640	10640-AYER SUB	98.8		OT161	SPOKANE	WA	OK086	AYER JCT	WA	258,127
10641	10641-AYER SUB	55.7		OK086	AYER JCT	WA	OK031	WALLULA	WA	274,867
10642	10642-AYER SUB	31.2		OK031	WALLULA	WA	OX591	HINKLE	OR	315,646
10643	10643-SPOKANE SUB	64.5		OS141	EASTPORT	ID	OS075	SANDPOINT	ID	235,138
10644	10644-SPOKANE SUB	72.7		OS075	SANDPOINT	ID	OT161	SPOKANE	WA	241,352
10645	10645-OAKLAND SUB	8.4		PX862	STOCKTON	CA	PX870	WEST LATHROP	CA	458,002
10647	10647-SACRAMENTO SUB	23.3		PX751	OROVILLE	CA	PX774	BINNEY JCT	CA	182,836
10650	10650-CANYON SUB	74.5		PX751	OROVILLE	CA	PX677	KEDDIE	CA	181,490
10651	10651-CANYON SUB	39.2		PX677	KEDDIE	CA	PX637	PORTOLA	CA	182,275
10652	10652-MARTINEZ SUB	14.8		RV323	ROSEVILLE	CA	RV338	ELVAS	CA	894,829
10653	10653-MARTINEZ SUB	56.8		PX818	SACRAMENTO	CA	RV389	MARTINEZ	CA	208,744
10654	10654-MARTINEZ SUB	22.6		RV389	MARTINEZ	CA	RV412	STEGE	CA	148,557
10655	10655-MARTINEZ SUB	4.7		RV412	STEGE	CA	RV417	EMERYVILLE	CA	145,158

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Master Segment Table for New Hazmat Traffic (F)

Includes Organic Growth on Baseline for Non-Transaction Analysis

Segment Key	Segment Name	Baseline Organic Growth (5 Years) Carloads	Transaction Growth Carloads ⁶	Year 5 Annual Carloads	Baseline Hazmat (HM) Annual Carloads	Baseline Organic Growth (5 Years) HM Carloads	Transaction Growth HM Carloads ⁶	Year 5 Annual HM Carloads	Either A1 or A2 Flag
10591	10591-PROVO SUB	4,015	289	83,010	18,660	952	1	19,613	NO
10592	10592-SALT LAKE SUB	29,175	49,730	650,845	110,380	5,630	564	116,574	NO
10594	10594-OGDEN SUB	6,803	-134	140,036	35,024	1,787	16	36,827	NO
10603	10603-WINNEMUCCA SUB	9,115	14,717	202,514	24,483	1,249	23	25,755	NO
10604	10604-WINNEMUCCA SUB	9,354	14,709	207,438	23,845	1,216	24	25,085	NO
10605	10605-WINNEMUCCA SUB	9,355	14,709	207,465	23,845	1,216	25	25,086	NO
10606	10606-ELKO SUB	18,968	50,323	441,144	48,657	2,482	551	51,690	NO
10609	10609-SHAFTER SUB	12,690	48,501	309,970	28,450	1,451	146	30,047	NO
10613	10613-POCATELLO SUB	30,988	39,419	677,900	34,218	1,745	222	36,185	NO
10614	10614-POCATELLO SUB	30,573	39,397	669,314	46,764	2,385	224	49,373	NO
10615	10615-POCATELLO SUB	34,629	39,322	752,814	73,184	3,733	220	77,137	NO
10616	10616-NAMPA SUB	31,759	37,841	692,194	69,420	3,541	224	73,185	NO
10617	10617-NAMPA SUB	25,686	37,751	566,986	46,850	2,390	235	49,475	NO
10618	10618-HUNTINGTON SUB	25,121	38,691	556,279	49,369	2,518	317	52,204	NO
10619	10619-HUNTINGTON SUB	24,065	36,947	532,777	48,252	2,461	210	50,923	NO
10627	10627-PORTLAND SUB	23,854	26,179	517,663	19,474	993	150	20,617	NO
10628	10628-PORTLAND SUB	11,358	34,066	268,092	24,212	1,235	221	25,668	NO
10629	10629-PORTLAND SUB	15,245	44,957	359,073	27,998	1,428	219	29,645	NO
10632	10632-LAGRANDE SUB	23,854	36,936	528,421	48,181	2,458	210	50,849	NO
10633	10633-CASCADE SUB	10,741	6,525	227,834	29,583	1,509	23	31,115	NO
10634	10634-CASCADE SUB	10,833	6,525	229,721	30,361	1,549	22	31,932	NO
10638	10638-BROOKLYN SUB	10,791	6,524	228,859	29,371	1,498	22	30,891	NO
10639	10639-SEATTLE SUB	6,785	24,688	164,479	6,954	355	71	7,380	NO
10640	10640-AYER SUB	13,167	943	272,237	49,611	2,531	17	52,159	NO
10641	10641-AYER SUB	14,021	1,254	290,142	52,470	2,676	19	55,165	NO
10642	10642-AYER SUB	16,101	4,228	335,975	61,094	3,116	19	64,229	NO
10643	10643-SPOKANE SUB	11,994	514	247,646	48,431	2,470	19	50,920	NO
10644	10644-SPOKANE SUB	12,311	562	254,225	48,551	2,477	20	51,048	NO
10645	10645-OAKLAND SUB	23,363	49,611	530,976	56,114	2,862	485	59,461	NO
10647	10647-SACRAMENTO SUB	9,326	14,710	206,872	24,676	1,259	24	25,959	NO
10650	10650-CANYON SUB	9,258	14,711	205,459	23,845	1,216	25	25,086	NO
10651	10651-CANYON SUB	9,298	14,709	206,282	23,845	1,216	25	25,086	NO
10652	10652-MARTINEZ SUB	45,645	64,317	1,004,791	129,492	6,605	2,242	138,339	NO
10653	10653-MARTINEZ SUB	10,648	9,467	228,859	32,007	1,633	2	33,642	NO
10654	10654-MARTINEZ SUB	7,578	4,447	160,582	18,687	953	139	19,779	NO
10655	10655-MARTINEZ SUB	7,405	4,166	156,729	22,300	1,138	267	23,705	NO

UP-NS Response to OEA Request #2

Master Segment Table for New Hazmat Traffic (F)

Includes Organic Growth on Baseline for Non-Transaction Analysis

Segment Key	Segment Name	Segment Distance (GIS miles) ¹ Rounded to 1st Decimal	NOTE	Start Station	Start City/Station	Start State	End Station	End City/Station	End State	Baseline Annual Carloads
10656	10656-MARTINEZ SUB	2.7		RV417	EMERYVILLE	CA	PX950	OAKLAND	CA	145,158
10658	10658-VALLEY SUB	171.7		OZ209	DUNSMUIR	CA	PX774	BINNEY JCT	CA	226,383
10659	10659-VALLEY SUB	36.4		PX776	MARYSVILLE	CA	RV323	ROSEVILLE	CA	304,090
10660	10660-BLACK BUTTE SUB	106.5		OZ314	KLAMATH FALLS	OR	OZ209	DUNSMUIR	CA	211,587
10661	10661-NILES SUB	7.4		PX950	OAKLAND	CA	PX943	MELROSE	CA	92,061
10665	10665-FRESNO SUB	44.1		RV338	ELVAS	CA	PX860	FLORA STREET	CA	556,556
10666	10666-FRESNO SUB	2.1		PX860	FLORA STREET	CA	PX862	STOCKTON	CA	585,932
10668	10668-FRESNO SUB	36.8		PX870	WEST LATHROP	CA	JQ367	EAST TURLOCK	CA	424,988
10669	10669-FRESNO SUB	76.3		JQ367	EAST TURLOCK	CA	JQ292	FRESNO	CA	386,842
10670	10670-FRESNO SUB	112.3		JQ292	FRESNO	CA	JQ181	BAKERSFIELD	CA	330,507
10673	10673-MOJAVE SUB	50.3		JQ079	PALMDALE JUNCTION	CA	JQ029	SILVERWOOD	CA	279,397
10675	10675-MOJAVE SUB	67.6		JQ181	BAKERSFIELD	CA	JQ113	MOJAVE	CA	272,636
10676	10676-YUMA SUB	64.4		SP629	NILAND	CA	SP563	YUMA	AZ	748,862
10677	10677-YUMA SUB	105.4		SP629	NILAND	CA	SP734	BEAUMONT	CA	766,657
10678	10678-YUMA SUB	23.1		CX749	COLTON	CA	SP734	BEAUMONT	CA	796,868
10692	10692-ALHAMBRA SUB	22.8		CO499	NORTH POMONA	CA	SP760	WEST COLTON	CA	584,607
10693	10693-ALHAMBRA SUB	10.5		CO486	CITY OF INDUSTRY	CA	CO499	NORTH POMONA	CA	233,346
10694	10694-ALHAMBRA SUB	20.1		CO469	YUMA JCT	CA	CO486	CITY OF INDUSTRY	CA	74,399
10724	10724-OTHER COLUMBUS_MS_NS_9-BOLIGEE_AL_NS_A5	59.5		921	COLUMBUS_MS_NS_921	MS	A578	BOLIGEE_AL_NS_A578	AL	16,210
10748	10748-OTHER HARTLEY-ESTHERVILLE	63.7		DZ041	HARTLEY	IA	DR058	ESTHERVILLE	IA	19,554
10777	10777-OTHER 09455_NS - 09553_NS	15.8		09455	MANSFIELD_IL_NS_09455	IL	09553	CHAMPAIGN_IL_NS_09553	IL	4,581
10819	10819-OTHER LEXINGTON_KY_NS_-LAWRENCEBURG_KY_	57.9		A79	LEXINGTON_KY_NS_A79	KY	331W	LAWRENCEBURG_KY_NS_331W	KY	0
10836	10836-OTHER PIKETON_OH_NS_10-TEAYS_OH_NS_1069	2.5		10588	PIKETON_OH_NS_10588	OH	10692	TEAYS_OH_NS_10692	OH	5,658
10844	10844-OTHER HURT CONNECTION_-HURT_VA_NS_197	1.0		91200	HURT CONNECTION_VA_NS_91200	VA	197	HURT_VA_NS_197	VA	202,967
10869	10869-OTHER BERKELEY_SC_NS_8-CHARLESTON_SC_NS	40.9		89810	BERKELEY_SC_NS_89810	SC	SC7	CHARLESTON_SC_NS_SC7	SC	1,576
10881	10881-OTHER CITIES SERVICE-BRIDGEPORT	8.1		HM561	CITIES SERVICE	TX	HM570	BRIDGEPORT	TX	142,257
10891	10891-OTHER LANGDALE SOUTH_G-LANGDALE YARD_GA	3.6		155RP	LANGDALE SOUTH_GA_NS_155RP	GA	G153	LANGDALE YARD_GA_NS_G153	GA	254,805
10892	10892-OTHER SR291_NS - SR289_NS	49.7		SR291	CORNING_NY_NS_SR291	NY	SR289	CP-CORNING_NY_NS_SR289	NY	258,576
10895	10895-OTHER SALEM_NJ_NS_8741-COMMERCE STREET_	28.2		87415	SALEM_NJ_NS_87415	NJ	OPL	COMMERCE STREET_NJ_NS_OPL	NJ	1,248
10909	10909-OTHER MANHATTAN_IL_NS_-CHICAGO RIDGE_IL	23.5		09531	MANHATTAN_IL_NS_09531	IL	09518	CHICAGO RIDGE_IL_NS_09518	IL	790
10921	10921-OTHER NECEDAH-ITASCA	250.1		EC222	NECEDAH	WI	VY455	ITASCA	WI	6,943
10927	10927-OTHER RIVER JCT-MARSHALL JCT	73.6		MX128	RIVER JCT	MO	G 073	MARSHALL JCT	MO	313,581
10942	10942-OTHER SAND_IN_NS_05002-RUNNION AVENUE_I	4.7		05002	SAND_IN_NS_05002	IN	00373	RUNNION AVENUE_IN_NS_00373	IN	280,023
10946	10946-OTHER PORT LAVACA-BLOOMINGTON	17.0		FL226	PORT LAVACA	TX	B 219	BLOOMINGTON	TX	57,120
10952	10952-OTHER SCHENECTADY_NY_N-Node: 32509	4.6		HA485	SCHENECTADY_NY_NS_HA485	NY	066746	EAST GLENNVILLE	NY	106,410
10971	10971-OTHER MT VERNON-OLD BEN 21	16.6		ZC276	MT VERNON	IL	ZC277	OLD BEN 21	IL	10,850

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Master Segment Table for New Hazmat Traffic (F)

Includes Organic Growth on Baseline for Non-Transaction Analysis

Segment Key	Segment Name	Baseline Organic Growth (5 Years) Carloads	Transaction Growth Carloads ⁶	Year 5 Annual Carloads	Baseline Hazmat (HM) Annual Carloads	Baseline Organic Growth (5 Years) HM Carloads	Transaction Growth HM Carloads ⁶	Year 5 Annual HM Carloads	Either A1 or A2 Flag
10656	10656-MARTINEZ SUB	7,405	4,166	156,729	22,300	1,138	267	23,705	NO
10658	10658-VALLEY SUB	11,548	6,688	244,619	30,107	1,536	21	31,664	NO
10659	10659-VALLEY SUB	15,512	25,181	344,783	38,424	1,960	1,686	42,070	NO
10660	10660-BLACK BUTTE SUB	10,793	6,522	228,902	28,033	1,430	22	29,485	NO
10661	10661-NILES SUB	4,696	-394	96,363	6,977	356	27	7,360	NO
10665	10665-FRESNO SUB	28,390	55,621	640,567	75,063	3,829	1,966	80,858	NO
10666	10666-FRESNO SUB	29,888	51,643	667,463	78,826	4,021	291	83,138	NO
10668	10668-FRESNO SUB	21,679	15,191	461,858	50,060	2,554	253	52,867	NO
10669	10669-FRESNO SUB	19,733	10,430	417,005	48,565	2,477	257	51,299	NO
10670	10670-FRESNO SUB	16,859	13,812	361,178	48,714	2,485	272	51,471	NO
10673	10673-MOJAVE SUB	14,252	11,477	305,126	39,518	2,016	450	41,984	NO
10675	10675-MOJAVE SUB	13,907	11,521	298,064	39,094	1,994	294	41,382	NO
10676	10676-YUMA SUB	38,199	187,291	974,352	52,237	2,665	1,146	56,048	YES
10677	10677-YUMA SUB	39,107	187,830	993,594	65,490	3,341	1,147	69,978	YES
10678	10678-YUMA SUB	40,648	187,690	1,025,206	68,442	3,491	1,145	73,078	YES
10692	10692-ALHAMBRA SUB	29,821	90,075	704,503	29,042	1,481	4,555	35,078	YES
10693	10693-ALHAMBRA SUB	11,903	86,627	331,876	20,106	1,026	884	22,016	YES
10694	10694-ALHAMBRA SUB	3,795	34,402	112,596	2,735	140	161	3,036	YES
10724	10724-OTHER COLUMBUS_MS_NS_9-BOLIGEE_AL_NS_A5	1,952	43	18,205	774	93	47	914	NO
10748	10748-OTHER HARTLEY-ESTHERVILLE	997	957	21,508	12,208	623	875	13,706	NO
10777	10777-OTHER 09455_NS - 09553_NS	552	342	5,475	107	13	102	222	NO
10819	10819-OTHER LEXINGTON_KY_NS_-LAWRENCEBURG_KY_	0	0	0	0	0	10	10	NO
10836	10836-OTHER PIKETON_OH_NS_10-TEAYS_OH_NS_1069	681	37	6,376	263	32	35	330	NO
10844	10844-OTHER HURT CONNECTION_-HURT_VA_NS_197	24,440	12,117	239,524	31,189	3,756	3,006	37,951	NO
10869	10869-OTHER BERKELEY_SC_NS_8-CHARLESTON_SC_NS	190	551	2,317	19	2	108	129	NO
10881	10881-OTHER CITIES SERVICE-BRIDGEPORT	7,257	-1,605	147,909	9,171	468	388	10,027	NO
10891	10891-OTHER LANGDALE SOUTH_G-LANGDALE YARD_GA	30,682	66,561	352,048	27,583	3,321	957	31,861	NO
10892	10892-OTHER SR291_NS - SR289_NS	31,136	13,432	303,144	17,871	2,152	756	20,779	NO
10895	10895-OTHER SALEM_NJ_NS_8741-COMMERCE STREET_	150	1,187	2,585	852	103	2	957	YES
10909	10909-OTHER MANHATTAN_IL_NS_-CHICAGO RIDGE_IL	95	35	920	790	95	1	886	NO
10921	10921-OTHER NECEDAH-ITASCA	354	791	8,088	999	51	37	1,087	NO
10927	10927-OTHER RIVER JCT-MARSHALL JCT	15,996	27,524	357,101	6,911	353	1,338	8,602	NO
10942	10942-OTHER SAND_IN_NS_05002-RUNNION AVENUE_I	33,718	7,587	321,328	23,655	2,848	1,272	27,775	NO
10946	10946-OTHER PORT LAVACA-BLOOMINGTON	2,914	6,308	66,342	17,279	881	29	18,189	NO
10952	10952-OTHER SCHENECTADY_NY_N-Node: 32509	12,813	34,597	153,820	3,560	429	119	4,108	NO
10971	10971-OTHER MT VERNON-OLD BEN 21	553	-404	10,999	274	14	50	338	NO

UP-NS Response to OEA Request #2

Master Segment Table for New Hazmat Traffic (F)

Includes Organic Growth on Baseline for Non-Transaction Analysis

Segment Key	Segment Name	Segment Distance (GIS miles) ¹ Rounded to 1st Decimal	NOTE	Start Station	Start City/Station	Start State	End Station	End City/Station	End State	Baseline Annual Carloads
10975	10975-OTHER CP-421_IN_NS_CD4-Node: 30778	20.3		CD421	CP-421_IN_NS_CD421	IN	064963	WHITE PIGEON	MI	428
10978	10978-OTHER MALAD-BRIGHAM CITY	51.1		UD952	MALAD	ID	UN021	BRIGHAM CITY	UT	6,939
10990	10990-OTHER IOWA JCT-NEW IBERIA	78.7		C 704	IOWA JCT	LA	LS629	NEW IBERIA	LA	200
11002	11002-OTHER WEST AMES-JEWELL	21.2		NZ323	WEST AMES	IA	DW105	JEWELL	IA	37,398
11040	11040-OTHER COLETO CREEK-LONG MOTT	42.9		FL416	COLETO CREEK	TX	BK014	LONG MOTT	TX	18,779
11044	11044-OTHER CP-235-OH_OH_NS_-MONROE SCANNER_O	3.1		CJ235	CP-235-OH_OH_NS_CJ235	OH	CJ232	MONROE SCANNER_OH_NS_CJ232	OH	207,562
11065	11065-OTHER CAMDEN-ELDORADO IC	32.3		JH482	CAMDEN	AR	E 066I	ELDORADO IC	AR	21,213
11073	11073-OTHER SODA SPRINGS-EPCO	7.2		IX993	SODA SPRINGS	ID	IC006	EPCO	ID	68,766
11075	11075-OTHER NE_IN_NS_00366-SNAKE TRACK_IN_N	2.0		00366	NE_IN_NS_00366	IN	09044	SNAKE TRACK_IN_NS_09044	IN	342,008
11095	11095-OTHER WAUKEE-DES MOINES_IA_NS	16.4		FP017	WAUKEE	IA	09865	DES MOINES_IA_NS_09865	IA	3,564
11097	11097-OTHER SCHNEIDER_IN_NS_-Node: 30795	0.9		LK33	SCHNEIDER_IN_NS_LK33	IN	064980	SCHNEIDER	IN	3,056
11102	11102-OTHER RZ0_NS_-YG58_NS	4.5		RZ0	CRAB_OH_NS_RZ0	OH	YG58	YOUNGSTOWN_OH_NS_YG58	OH	64,655
11114	11114-OTHER SEBRING_OH-ALLIANCE_OH	4.3		PC79	SEBRING_OH_NS_PC79	OH	PC83	ALLIANCE_OH_NS_PC83	OH	956,645
11119	11119-OTHER CAMP DOUGLAS-TOWER CK	84.8		EG009	CAMP DOUGLAS	WI	EQ315	TOWER CK	MN	7,517
11146	11146-OTHER Node: 24238-Node: 33667	13.9		035010	TRAVELERS REST	SC	067905	GANTT	SC	575
11150	11150-OTHER HARRIMAN_TN_NS_5-HARRIMAN JUNCTIO	0.9		51D	HARRIMAN_TN_NS_51D	TN	A257	HARRIMAN JUNCTION_TN_NS_A257	TN	8,049
11156	11156-OTHER WILLOW GLEN-TEXMO JUNCTION	5.1		TB190	WILLOW GLEN	LA	TB196	TEXMO JUNCTION	LA	527,847
11157	11157-OTHER FAIRPORT HARBOR_-PERRY_OH_NS_0014	8.5		00152	FAIRPORT HARBOR_OH_NS_00152	OH	00149	PERRY_OH_NS_00149	OH	3,344
11161	11161-OTHER COLLINSTON-IPBASTROP	7.5		C 505	COLLINSTON	LA	IP127	IPBASTROP	LA	7,802
11166	11166-OTHER WICHITA-EL DORADO	27.7		H 186	WICHITA	KS	H 155	EL DORADO	KS	910
11170	11170-OTHER TUSCOLA-BROADLANDS	18.5		ZB153	TUSCOLA	IL	ZD156	BROADLANDS	IL	162,756
11179	11179-OTHER AU JCT-OGE SPUR	9.0		MK496	AU JCT	OK	L 229	OGE SPUR	OK	302,328
11198	11198-OTHER PRUETT_AL_NS_NA6-LEE_AL_NS_NA7	1.4		NA6	PRUETT_AL_NS_NA6	AL	NA7	LEE_AL_NS_NA7	AL	74,120
11205	11205-OTHER ANGLETON-HOSKINS JCT	11.3		B 321	ANGLETON	TX	BH006	HOSKINS JCT	TX	141,603
11215	11215-OTHER NILAND-EL CENTRO	31.1		SP629	NILAND	CA	SY131	EL CENTRO	CA	61,422
11220	11220-OTHER WALTON_VA_NS_102-EAST CRO. RADFOR	1.2		10292	WALTON_VA_NS_10292	VA	15554	EAST CRO. RADFORD_VA_NS_15554	VA	169,546
11224	11224-OTHER WEST JCT-PALESTINE	1.6		A 081	WEST JCT	TX	AX081	PALESTINE	TX	421,224
11227	11227-OTHER LETTSWORTH-WEST JCT	46.5		TD058	LETTSWORTH	LA	TD011	WEST JCT	LA	3,182
11249	11249-OTHER DAWES-TOWER 87	3.8		LS376	DAWES	TX	LS373	TOWER 87	TX	484,068
11250	11250-OTHER SIDNEY-SIDNEY_IL_NS_091	0.6		ZB133	SIDNEY	IL	09121	SIDNEY_IL_NS_09121	IL	0
11252	11252-OTHER GV901_UP - GV028_UP	3.7		GV901	SHIPBACK	TX	GV028	BAYPORT	TX	206,229
11255	11255-OTHER SUPERIOR-ESTHERVILLE	7.0		DR065	SUPERIOR	IA	DR058	ESTHERVILLE	IA	4,924
11256	11256-OTHER 07026_NS_-CD267_NS	7.8		07026	OAK HARBOR_OH_NS_07026	OH	CD267	CP-267-OH_OH_NS_CD267	OH	424,498
11258	11258-OTHER VINTON_VA_NS_102-TINKER CREEK_VA_	1.1		10250	VINTON_VA_NS_10250	VA	10247	TINKER CREEK_VA_NS_10247	VA	375,615
11282	11282-OTHER PT95_NS_-87820_NS	18.6		PT95	MIDDLETOWN_PA_NS_PT95	PA	87820	LANDISVILLE (LVR)_PA_NS_87820	PA	3,231
11284	11284-OTHER LUXELLO-COMAL	4.5		AY030	LUXELLO	TX	AY025	COMAL	TX	246,671

UP-NS Response to OEA Request #2

Master Segment Table for New Hazmat Traffic (F)

Includes Organic Growth on Baseline for Non-Transaction Analysis

Segment Key	Segment Name	Baseline Organic Growth (5 Years) Carloads	Transaction Growth Carloads ⁶	Year 5 Annual Carloads	Baseline Hazmat (HM) Annual Carloads	Baseline Organic Growth (5 Years) HM Carloads	Transaction Growth HM Carloads ⁶	Year 5 Annual HM Carloads	Either A1 or A2 Flag
10975	10975-OTHER CP-421_IN_NS_CD4-Node: 30778	52	157	637	0	0	19	19	NO
10978	10978-OTHER MALAD-BRIGHAM CITY	354	-15	7,278	193	10	2	205	NO
10990	10990-OTHER IOWA JCT-NEW IBERIA	10	28	238	0	0	28	28	NO
11002	11002-OTHER WEST AMES-JEWELL	1,908	2,369	41,675	13,600	694	1,367	15,661	NO
11040	11040-OTHER COLETO CREEK-LONG MOTT	958	46	19,783	2,165	110	8	2,283	NO
11044	11044-OTHER CP-235-OH_OH_NS_-MONROE SCANNER_O	24,993	27,088	259,643	19,205	2,313	2,464	23,982	NO
11065	11065-OTHER CAMDEN-ELDORADO IC	1,082	6,084	28,379	13,129	670	318	14,117	NO
11073	11073-OTHER SODA SPRINGS-EPCO	3,508	1	72,275	24,317	1,240	1	25,558	NO
11075	11075-OTHER NE_IN_NS_00366-SNAKE TRACK_IN_N	41,182	134,780	517,970	35,801	4,311	3,391	43,503	NO
11095	11095-OTHER WAUKEE-DES MOINES_IA_NS	182	94	3,840	253	13	24	290	NO
11097	11097-OTHER SCHNEIDER_IN_NS_-Node: 30795	368	78	3,502	1,222	147	37	1,406	NO
11102	11102-OTHER RZO_NS - YG58_NS	7,785	5,528	77,968	5,865	706	1,067	7,638	NO
11114	11114-OTHER SEBRING_OH-ALLIANCE_OH	115,193	158,774	1,230,612	136,923	16,487	8,238	161,648	YES
11119	11119-OTHER CAMP DOUGLAS-TOWER CK	383	2,005	9,905	155	8	8	171	NO
11146	11146-OTHER Node: 24238-Node: 33667	69	74	718	421	51	73	545	NO
11150	11150-OTHER HARRIMAN_TN_NS_5-HARRIMAN JUNCTIO	969	-840	8,178	95	11	2	108	NO
11156	11156-OTHER WILLOW GLEN-TEXMO JUNCTION	26,926	32,981	587,754	162,727	8,301	149	171,177	NO
11157	11157-OTHER FAIRPORT HARBOR_-PERRY_OH_NS_0014	403	474	4,221	226	27	327	580	NO
11161	11161-OTHER COLLINSTON-IPBASTROP	398	387	8,587	720	37	128	885	NO
11166	11166-OTHER WICHITA-EL DORADO	46	109	1,065	330	17	112	459	NO
11170	11170-OTHER TUSCOLA-BROADLANDS	8,302	24,474	195,532	16,316	832	2,811	19,959	NO
11179	11179-OTHER AU JCT-OGE SPUR	15,422	22,467	340,217	62,772	3,202	1,313	67,287	NO
11198	11198-OTHER PRUETT_AL_NS_NA6-LEE_AL_NS_NA7	8,925	44,496	127,541	8,283	997	3,405	12,685	YES
11205	11205-OTHER ANGLETON-HOSKINS JCT	7,223	9,703	158,529	56,454	2,880	180	59,514	NO
11215	11215-OTHER NILAND-EL CENTRO	3,133	566	65,121	23,839	1,216	4	25,059	NO
11220	11220-OTHER WALTON_VA_NS_102-EAST CRO. RADFOR	20,416	62,534	252,496	16,573	1,996	5,976	24,545	NO
11224	11224-OTHER WEST JCT-PALESTINE	21,487	29,930	472,641	74,247	3,787	1,379	79,413	NO
11227	11227-OTHER LETTSWORTH-WEST JCT	162	21	3,365	1,252	64	4	1,320	NO
11249	11249-OTHER DAWES-TOWER 87	24,692	155,717	664,477	150,085	7,656	17,769	175,510	YES
11250	11250-OTHER SIDNEY-SIDNEY_IL_NS_091	0	46,608	46,608	0	0	6,384	6,384	YES
11252	11252-OTHER GV901_UP - GV028_UP	10,520	8,816	225,565	98,744	5,037	3,292	107,073	NO
11255	11255-OTHER SUPERIOR-ESTHERVILLE	251	25	5,200	4,445	227	25	4,697	NO
11256	11256-OTHER 07026_NS - CD267_NS	51,115	28,488	504,101	57,451	6,918	3,507	67,876	NO
11258	11258-OTHER VINTON_VA_NS_102-TINKER CREEK_VA_	45,229	21,215	442,059	31,070	3,741	640	35,451	NO
11282	11282-OTHER PT95_NS - 87820_NS	389	-1	3,619	335	40	1	376	NO
11284	11284-OTHER LUXELLO-COMAL	12,583	3,638	262,892	13,786	703	189	14,678	NO

UP-NS Response to OEA Request #2

Master Segment Table for New Hazmat Traffic (F)

Includes Organic Growth on Baseline for Non-Transaction Analysis

Segment Key	Segment Name	Segment Distance (GIS miles) ¹ Rounded to 1st Decimal	NOTE	Start Station	Start City/Station	Start State	End Station	End City/Station	End State	Baseline Annual Carloads
11291	11291-OTHER WINNEMUCCA-ALAZON	181.9		UX426	WINNEMUCCA	NV	UX244	ALAZON	NV	163,570
11300	11300-OTHER 067905_NS - V12_NS	24.0		067905	GANTT	SC	V12	PIEDMONT_SC_NS_V12	SC	1,463
11303	11303-OTHER Node: 28463-Node: 28093	7.3		062640	BAUMSTOWN	PA	062270	READING	PA	117,036
11305	11305-OTHER DAKOTA CITY-SIOUX CITY STK Y	5.0		SN008	DAKOTA CITY	NE	SX265	SIOUX CITY STK YARD	IA	48,567
11308	11308-OTHER FOREST HILL-TOWER FIFTY FIVE	5.9		FH006	FOREST HILL	TX	TP245	TOWER FIFTY FIVE	TX	1,418
11312	11312-OTHER BEAUMONT-GUFFEY	6.8		B 461	BEAUMONT	TX	LF006	GUFFEY	TX	80,197
11324	11324-OTHER QUINCY_IL-010505	1.9		09219	QUINCY_IL_NS_09219	IL	010505	QUINCY	IL	1,136
11325	11325-OTHER VALLEY PARK-SAVAGE	3.4		SX020	VALLEY PARK	MN	SX017	SAVAGE	MN	97,668
11327	11327-OTHER BRICELYN-GOLDFIELD	127.8		DF065	BRICELYN	MN	DW071	GOLDFIELD	IA	17,809
11339	11339-OTHER MCPHERSON-NORTH MCPHERSON	3.2		SW193	MCPHERSON	KS	PB062	NORTH MCPHERSON	KS	9,894
11340	11340-OTHER WX519_UP - WX511_UP	7.2		WX519	BORIE	WY	WX511	WEST CHEYENNE	WY	800,839
11341	11341-OTHER CP-52_OH_NS_YG52-HUBBARD_OH_NS_MI	1.3		YG52	CP-52_OH_NS_YG52	OH	MI150	HUBBARD_OH_NS_MI150	OH	34,912
11347	11347-OTHER ARCADIA_OH_NS_00-Node: 21918	39.1		00285	ARCADIA_OH_NS_00285	OH	015511	LIMA	OH	15,416
11352	11352-OTHER OKH_NS - 062656_NS	27.1		OKH	PHILADELPHIA PARK J_PA_NS_OKH	PA	062656	PHILADELPHIA	PA	54,483
11359	11359-OTHER BRIMSTONE-BRIMSTONE STORAG	0.9		LS508	BRIMSTONE	LA	LS508B	BRIMSTONE STORAGE	LA	175,203
11360	11360-OTHER DAVIS JCT-ST LOUIS	9.7		X 006	DAVIS JCT	MO	MX001	ST LOUIS	MO	100,870
11366	11366-OTHER FARNHAMVILLE-MOORLAND	17.4		DE006	FARNHAMVILLE	IA	DD079	MOORLAND	IA	68,328
11367	11367-OTHER ST PAUL-MINNESOTA TFR	6.6		EC417	ST PAUL	MN	EC421	MINNESOTA TFR	MN	112,490
11380	11380-OTHER KIRBY-TOWER 112	9.3		SO211	KIRBY	TX	SO220	TOWER 112	TX	746,355
11383	11383-OTHER CP-PENN_PA_NS_PC-Node: 36638	1.1		PC2	CP-PENN_PA_NS_PC2	PA	070880	PITTSBURGH	PA	51,956
11402	11402-OTHER R25_NS - SB91_NS	57.3		R25	ROCK HILL_SC_NS_R25	SC	SB91	CATAWBA_SC_NS_SB91	SC	5,561
11412	11412-OTHER CHATTANOOGA (ECT-Node: 25123	3.7		81525	CHATTANOOGA (ECTB)_TN_NS_81525	TN	050341	CHATTANOOGA	TN	1,554
11414	11414-OTHER CRAIG JCT-NEW BRAUNFELS	8.4		AX317	CRAIG JCT	TX	AX308	NEW BRAUNFELS	TX	188,004
11421	11421-OTHER NORALA_AL_NS_NA4-WILSON_AL_NS_404	1.9		NA4	NORALA_AL_NS_NA4	AL	404A	WILSON_AL_NS_404A	AL	33,450
11423	11423-OTHER NEWTON_NC_NS_S48-SOUTH NEWTON_NC_	3.5		S48	NEWTON_NC_NS_S48	NC	HG78	SOUTH NEWTON_NC_NS_HG78	NC	7,613
11428	11428-OTHER Node: 30549-Node: 30551	1.8		064734	VERMILION	OH	064736	BEULAH BEACH	OH	144,017
11429	11429-OTHER LR JCT-LITTLE ROCK	1.7		X 347	LR JCT	AR	X 346	LITTLE ROCK	AR	1,178,694
11462	11462-OTHER 799_NS - 9SA_NS	9.2		799	LEHIGH_AL_NS_799	AL	9SA	ENSLEY_AL_NS_9SA	AL	20,923
11469	11469-OTHER NAVAIR_FL_NS_GA6-OCCIDENTAL JUNCT	22.5		GA63	NAVAIR_FL_NS_GA63	FL	194B	OCCIDENTAL JUNCTION_FL_NS_194B	FL	7,644
11472	11472-OTHER JCT SWITCH-ROSEPORT	7.3		DM009	JCT SWITCH	MN	LR005	ROSEPORT	MN	75,410
11482	11482-OTHER CAPITOL_PA_NS_HP-FRONT STREET_PA_	0.5		HP111	CAPITOL_PA_NS_HP111	PA	LGO	FRONT STREET_PA_NS_LGO	PA	199,191
11483	11483-OTHER NEVILLE ISLAND_P-DUFFS JCT (POHC)	6.0		87586	NEVILLE ISLAND_PA_NS_87586	PA	87579	DUFFS JCT (POHC)_PA_NS_87579	PA	622
11490	11490-OTHER CALEXICO-HOLTVILLE	10.8		SY141	CALEXICO	CA	SY210	HOLTVILLE	CA	11,368
11491	11491-OTHER DULUTH-SAUNDERS	20.5		VY469	DULUTH	MN	VX006	SAUNDERS	WI	35,828
11492	11492-OTHER BASSETT-WEST COVINA	7.9		CO482	BASSETT	CA	BP004	WEST COVINA	CA	6,209
11493	11493-OTHER CITY OF INDUSTRY-SO CITY OF INDUS	3.3		CO486	CITY OF INDUSTRY	CA	CX796	SO CITY OF INDUSTRY	CA	284,805

UP-NS Response to OEA Request #2

Master Segment Table for New Hazmat Traffic (F)

Includes Organic Growth on Baseline for Non-Transaction Analysis

Segment Key	Segment Name	Baseline Organic Growth (5 Years) Carloads	Transaction Growth Carloads ⁶	Year 5 Annual Carloads	Baseline Hazmat (HM) Annual Carloads	Baseline Organic Growth (5 Years) HM Carloads	Transaction Growth HM Carloads ⁶	Year 5 Annual HM Carloads	Either A1 or A2 Flag
11291	11291-OTHER WINNEMUCCA-ALAZON	8,344	17,959	189,873	23,602	1,204	502	25,308	NO
11300	11300-OTHER 067905_NS - V12_NS	176	190	1,829	1,073	129	183	1,385	NO
11303	11303-OTHER Node: 28463-Node: 28093	14,093	24,422	155,551	45,153	5,437	667	51,257	NO
11305	11305-OTHER DAKOTA CITY-SIOUX CITY STK Y	2,477	4,285	55,329	5,560	284	13	5,857	NO
11308	11308-OTHER FOREST HILL-TOWER FIFTY FIVE	72	21	1,511	60	3	4	67	NO
11312	11312-OTHER BEAUMONT-GUFFEY	4,091	9,113	93,401	14,876	759	180	15,815	NO
11324	11324-OTHER QUINCY_IL-010505	137	1,343	2,616	0	0	24	24	YES
11325	11325-OTHER VALLEY PARK-SAVAGE	4,982	2,363	105,013	13,317	679	235	14,231	NO
11327	11327-OTHER BRICELYN-GOLDFIELD	908	586	19,303	10,381	530	479	11,390	NO
11339	11339-OTHER MCPHERSON-NORTH MCPHERSON	505	151	10,550	4,092	209	82	4,383	NO
11340	11340-OTHER WX519_UP - WX511_UP	40,851	119,038	960,728	66,698	3,402	748	70,848	NO
11341	11341-OTHER CP-52_OH_NS_YG52-HUBBARD_OH_NS_MI	4,204	2,863	41,979	456	55	900	1,411	NO
11347	11347-OTHER ARCADIA_OH_NS_00-Node: 21918	1,856	4,152	21,424	4,299	518	1,284	6,101	NO
11352	11352-OTHER OKH_NS - 062656_NS	6,560	775	61,818	34,505	4,155	192	38,852	NO
11359	11359-OTHER BRIMSTONE-BRIMSTONE STORAG	8,937	16,264	200,404	54,227	2,766	153	57,146	NO
11360	11360-OTHER DAVIS JCT-ST LOUIS	5,145	10,802	116,817	3,123	159	659	3,941	NO
11366	11366-OTHER FARNHAMVILLE-MOORLAND	3,485	4,216	76,029	25,882	1,320	1,046	28,248	NO
11367	11367-OTHER ST PAUL-MINNESOTA TFR	5,738	16,813	135,041	21,771	1,111	303	23,185	NO
11380	11380-OTHER KIRBY-TOWER 112	38,072	56,488	840,915	92,505	4,719	801	98,025	NO
11383	11383-OTHER CP-PENN_PA_NS_PC-Node: 36638	6,256	1,164	59,376	8,868	1,068	16	9,952	NO
11402	11402-OTHER R25_NS - SB91_NS	670	1,052	7,283	286	34	205	525	NO
11412	11412-OTHER CHATTANOOGA (ECT-Node: 25123	187	192	1,933	76	9	27	112	NO
11414	11414-OTHER CRAIG JCT-NEW BRAUNFELS	9,590	2,774	200,368	10,507	536	144	11,187	NO
11421	11421-OTHER NORALA_AL_NS_NA4-WILSON_AL_NS_404	4,028	21,451	58,929	3,733	450	1,561	5,744	YES
11423	11423-OTHER NEWTON_NC_NS_S48-SOUTH NEWTON_NC_	917	367	8,897	400	48	36	484	NO
11428	11428-OTHER Node: 30549-Node: 30551	17,342	48,481	209,840	13,213	1,591	927	15,731	NO
11429	11429-OTHER LR JCT-LITTLE ROCK	60,125	136,625	1,375,444	195,537	9,974	2,357	207,868	NO
11462	11462-OTHER 799_NS - 9SA_NS	2,519	1,613	25,055	2,755	332	15	3,102	NO
11469	11469-OTHER NAVAIR_FL_NS_GA6-OCCIDENTAL JUNCT	920	691	9,255	299	36	379	714	NO
11472	11472-OTHER JCT SWITCH-ROSEPORT	3,847	1,606	80,863	26,534	1,354	766	28,654	NO
11482	11482-OTHER CAPITOL_PA_NS_HP-FRONT STREET_PA_	23,985	48,601	271,777	18,012	2,169	4,675	24,856	NO
11483	11483-OTHER NEVILLE ISLAND_P-DUFFS JCT (POHC)	75	363	1,060	129	16	44	189	YES
11490	11490-OTHER CALEXICO-HOLTVILLE	580	21	11,969	4,470	228	2	4,700	NO
11491	11491-OTHER DULUTH-SAUNDERS	1,828	478	38,134	6,576	335	161	7,072	NO
11492	11492-OTHER BASSETT-WEST COVINA	317	212	6,738	509	26	27	562	NO
11493	11493-OTHER CITY OF INDUSTRY-SO CITY OF INDUS	14,528	88,183	387,516	53,765	2,743	40	56,548	NO

UP-NS Response to OEA Request #2

Master Segment Table for New Hazmat Traffic (F)

Includes Organic Growth on Baseline for Non-Transaction Analysis

Segment Key	Segment Name	Segment Distance (GIS miles) ¹ Rounded to 1st Decimal	NOTE	Start Station	Start City/Station	Start State	End Station	End City/Station	End State	Baseline Annual Carloads
11494	11494-OTHER SOMERS-FT DODGE	16.9		DD088	SOMERS	IA	DD071	FT DODGE	IA	31,616
11502	11502-OTHER Node: 28624-LANCASTER_PA_NS_	10.7		062802	COLUMBIA	PA	ZL70	LANCASTER_PA_NS_ZL70	PA	40,238
11506	11506-OTHER NORTH BURT-EAGLE GROVE	46.8		DB000	NORTH BURT	IA	DD053	EAGLE GROVE	IA	8,908
11508	11508-OTHER POPLAR BLUFF 4TH-SOUTH POPLAR BLU	1.6		XD000	POPLAR BLUFF 4TH ST	MO	X 168	SOUTH POPLAR BLUFF	MO	569,687
11509	11509-OTHER FREEPORT-MIMS	4.6		BH000	FREEPORT	TX	BH009	MIMS	TX	42,706
11514	11514-OTHER HEAFER-UTILITY	1.7		AX348	HEAFER	TX	SO224	UTILITY	TX	875,337
11517	11517-OTHER OLIVER JCT_LA_NS-Node: 24204	4.2		A827	OLIVER JCT_LA_NS_A827	LA	030150	ARABI	LA	16,937
11521	11521-OTHER Node: 30304-LORDSTOWN_OH_NS_	2.2		064488	LORDSTOWN	OH	JO2	LORDSTOWN_OH_NS_JO2	OH	4,521
11531	11531-OTHER 00371_NS - 00373_NS	1.2		00371	FT WAYNE_IN_NS_00371	IN	00373	RUNNION AVENUE_IN_NS_00373	IN	587,596
11532	11532-OTHER 09044_NS - 29146_NS	2.8		09044	SNAKE TRACK_IN_NS_09044	IN	29146	PIQUA_IN_NS_29146	IN	342,008
11542	11542-OTHER ROPER-SALT LAKE 4TH ST	2.7		UP002	ROPER	UT	UP000	SALT LAKE 4TH ST	UT	308,773
11551	11551-OTHER MENOKEN-WEST TOPEKA	2.6		KX073	MENOKEN	KS	KX070	WEST TOPEKA	KS	994,858
11564	11564-OTHER PT350_NS - PT353_NS	1.7	4	PT350	CP-BLOOM_PA_NS_PT350	PA	PT353	PITTSBURGH_PA_NS_PT353	PA	859,854
11568	11568-OTHER W56_NS - 455_NS	8.3		W56	INMAN_SC_NS_W56	SC	455	HAYNE JUNCTION_SC_NS_455	SC	4,386
11571	11571-OTHER EAST CITY JUNCTI-NEW ORLEANS	1.7		A835	EAST CITY JUNCTION_LA_NS_A835	LA	C 817	NEW ORLEANS	LA	314,722
11582	11582-OTHER CHASE-TULSA INTERCHANG	49.1		MK499	CHASE	OK	MV152I	TULSA INTERCHANGE	OK	18,948
11586	11586-OTHER Node: 28464-CP NICE_PA_NS_QA	1.2		062641	PHILADELPHIA	PA	QA5	CP NICE_PA_NS_QA5	PA	218
11587	11587-OTHER WEBER_OH_NS_1067-CP-138_OH_NS_CJ1	3.8		10670	WEBER_OH_NS_10670	OH	CJ138	CP-138_OH_NS_CJ138	OH	111,297
11591	11591-OTHER MELENDY-CHANEY JUNCTION	13.5		HR010	MELENDY	TX	LS364	CHANEY JUNCTION	TX	256,361
11593	11593-OTHER MI150_NS - 064390_NS	4.6		MI150	HUBBARD_OH_NS_MI150	OH	064390	MASURY	OH	34,993
11600	11600-OTHER AZUSA-LA VERNE	17.9		BP107	AZUSA	CA	BP013	LA VERNE	CA	1,866
11601	11601-OTHER CP-144-OH_OH_NS_-BUCKEYE YARD_OH_	1.4		CJ144	CP-144-OH_OH_NS_CJ144	OH	QZ2	BUCKEYE YARD_OH_NS_QZ2	OH	228,550
11602	11602-OTHER RIVER_OH_NS_RD26-Node: 30223	1.2		RD26	RIVER_OH_NS_RD26	OH	064407	WELLSVILLE	OH	70,186
11603	11603-OTHER BRISTOL_VA_NS_16-BRISTOL_TN_NS_1A	0.2		16108	BRISTOL_VA_NS_16108	VA	1A	BRISTOL_TN_NS_1A	TN	170,698
11606	11606-OTHER WITHERS-PURCELL	25.1		SO228	WITHERS	TX	BF020	PURCELL	TX	239,856
11610	11610-OTHER Node: 30138-MIKE_IN_NS_09045	0.6		064322	FORT WAYNE	IN	09045	MIKE_IN_NS_09045	IN	98,689
11615	11615-OTHER KINNEY_VA_NS_109-IRVIN_VA_NS_2KM	0.4		10977	KINNEY_VA_NS_10977	VA	2KM	IRVIN_VA_NS_2KM	VA	19,797
11627	11627-OTHER CHAISON-PORT ARTHUR	15.1		LF009	CHAISON	TX	LF025	PORT ARTHUR	TX	36,359
11630	11630-OTHER CP-MAX_OH_NS_CD1-CLEVELAND ROCKPO	0.1		CD192	CP-MAX_OH_NS_CD192	OH	CD190	CLEVELAND ROCKPORT_OH_NS_CD190	OH	1,023,363
11633	11633-OTHER BURN_PA_NS_RV34-ALLENTOWN (RJCN)	0.8		RV34	BURN_PA_NS_RV34	PA	87695	ALLENTOWN (RJCN)_PA_NS_87695	PA	248,470
11637	11637-OTHER ELLSWORTH-GYPSUM	50.4		DQ003	ELLSWORTH	IA	DD071G	GYPSUM	IA	43,916
11638	11638-OTHER HAGGIN-ELVAS	1.8		PX815	HAGGIN	CA	RV338	ELVAS	CA	358,282
11639	11639-OTHER POWERVILLE-BRIDGEPORT	67.0		PO003	POWERVILLE	IA	NV069	BRIDGEPORT	IA	10,199
11642	11642-OTHER MONROE_OH_NS_CJ2-CP-231-OH_OH_NS_	2.4		CJ233	MONROE_OH_NS_CJ233	OH	CJ231	CP-231-OH_OH_NS_CJ231	OH	176,521
11643	11643-OTHER WYOMISSING JCT_P-Node: 28103	0.6		HP61	WYOMISSING JCT_PA_NS_HP61	PA	062280	WYOMISSING	PA	458,904
11648	11648-OTHER TACOMA INT_VA_NS-NORTON JUNCTION_	6.7		18093	TACOMA INT_VA_NS_18093	VA	IN15	NORTON JUNCTION_VA_NS_IN15	VA	763

UP-NS Response to OEA Request #2

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11494	11494-OTHER SOMERS-FT DODGE	1,613	4,268	37,497	8,731	445	1,708	10,884	NO
11502	11502-OTHER Node: 28624-LANCASTER_PA_NS_	4,845	1,877	46,960	3,623	436	31	4,090	NO
11506	11506-OTHER NORTH BURT-EAGLE GROVE	454	142	9,504	2,082	106	108	2,296	NO
11508	11508-OTHER POPLAR BLUFF 4TH-SOUTH POPLAR BLU	29,060	42,750	641,497	87,520	4,464	521	92,505	NO
11509	11509-OTHER FREEPORT-MIMS	2,178	1,912	46,796	17,442	890	55	18,387	NO
11514	11514-OTHER HEAFER-UTILITY	44,651	59,708	979,696	49,066	2,503	421	51,990	YES
11517	11517-OTHER OLIVER JCT_LA_NS-Node: 24204	2,039	467	19,443	5,206	627	178	6,011	NO
11521	11521-OTHER Node: 30304-LORDSTOWN_OH_NS_	544	392	5,457	68	8	203	279	NO
11531	11531-OTHER 00371_NS - 00373_NS	70,754	43,589	701,939	63,141	7,603	2,599	73,343	NO
11532	11532-OTHER 09044_NS - 29146_NS	41,182	134,780	517,970	35,801	4,311	3,391	43,503	NO
11542	11542-OTHER ROPER-SALT LAKE 4TH ST	15,751	14,127	338,651	85,640	4,369	1,954	91,963	NO
11551	11551-OTHER MENOKEN-WEST TOPEKA	50,748	48,863	1,094,469	124,422	6,347	320	131,089	NO
11564	11564-OTHER PT350_NS - PT353_NS	103,538	134,891	1,098,283	147,309	17,738	7,642	172,689	YES
11568	11568-OTHER W56_NS - 455_NS	528	20	4,934	1,442	174	2	1,618	NO
11571	11571-OTHER EAST CITY JUNCTI-NEW ORLEANS	37,897	386,131	738,750	71,364	8,593	42,184	122,141	YES
11582	11582-OTHER CHASE-TULSA INTERCHANG	967	2,972	22,887	3,675	187	1,235	5,097	NO
11586	11586-OTHER Node: 28464-CP NICE_PA_NS_QA	26	21,046	21,290	73	9	9,717	9,799	YES
11587	11587-OTHER WEBER_OH_NS_1067-CP-138_OH_NS_CJ1	13,402	2,022	126,721	12,944	1,559	1,231	15,734	NO
11591	11591-OTHER MELENDY-CHANEY JUNCTION	13,077	19,682	289,120	63,133	3,220	2,288	68,641	NO
11593	11593-OTHER MI150_NS - 064390_NS	4,214	2,923	42,130	456	55	900	1,411	NO
11600	11600-OTHER AZUSA-LA VERNE	95	65	2,026	140	7	7	154	NO
11601	11601-OTHER CP-144-OH_OH_NS_-BUCKEYE YARD_OH_	27,520	2,809	258,879	26,769	3,223	2,243	32,235	NO
11602	11602-OTHER RIVER_OH_NS_RD26-Node: 30223	8,451	653	79,290	9,224	1,111	7	10,342	NO
11603	11603-OTHER BRISTOL_VA_NS_16-BRISTOL_TN_NS_1A	20,554	63,038	254,290	15,922	1,917	5,977	23,816	NO
11606	11606-OTHER WITHERS-PURCELL	12,235	20,303	272,394	17,180	876	170	18,226	NO
11610	11610-OTHER Node: 30138-MIKE_IN_NS_09045	11,883	38,892	149,464	10,332	1,244	977	12,553	NO
11615	11615-OTHER KINNEY_VA_NS_109-IRVIN_VA_NS_2KM	2,384	-2,009	20,172	298	36	241	575	NO
11627	11627-OTHER CHAISON-PORT ARTHUR	1,855	3,098	41,312	5,483	280	62	5,825	NO
11630	11630-OTHER CP-MAX_OH_NS_CD1-CLEVELAND ROCKPO	123,226	173,737	1,320,326	143,384	17,265	8,670	169,319	YES
11633	11633-OTHER BURN_PA_NS_RV34-AlLENTOWN (RJCn)	29,919	99,654	378,043	44,463	5,354	6,296	56,113	YES
11637	11637-OTHER ELLSWORTH-GYPSUM	2,240	4,514	50,670	14,992	765	2,067	17,824	NO
11638	11638-OTHER HAGGIN-ELVAS	18,276	6,950	383,508	57,374	2,927	314	60,615	NO
11639	11639-OTHER POWERVILLE-BRIDGEPORT	520	3,288	14,007	1,875	96	100	2,071	NO
11642	11642-OTHER MONROE_OH_NS_CJ2-CP-231-OH_OH_NS_	21,255	23,428	221,204	17,326	2,086	1,986	21,398	NO
11643	11643-OTHER WYOMISSING JCT_P-Node: 28103	55,258	170,861	685,023	100,405	12,090	9,194	121,689	YES
11648	11648-OTHER TACOMA INT_VA_NS-NORTON JUNCTION_	92	1	856	38	5	1	44	NO

UP-NS Response to OEA Request #2

Master Segment Table for New Hazmat Traffic (F)

Includes Organic Growth on Baseline for Non-Transaction Analysis

Segment Key	Segment Name	Segment Distance (GIS miles) ¹ Rounded to 1st Decimal	NOTE	Start Station	Start City/Station	Start State	End Station	End City/Station	End State	Baseline Annual Carloads
11664	11664-OTHER SHREVEPORT TS316-SHREVEPORT	6.3		TS316	SHREVEPORT	LA	UPR14	SHREVEPORT SOUTH SC_LA_NS_UPR14	LA	25,959
11665	11665-OTHER SHREVEPORT SOUTH-KCS SHREVEPORT S	1.0		UPR14	SHREVEPORT SOUTH SC_LA_NS_UPR14	LA	KCS10	KCS SHREVEPORT SCAN_LA_NS_KCS10	LA	25,959
11678	11678-OTHER 87820_NS - 062782_NS	4.1		87820	LANDISVILLE (LVR)_PA_NS_87820	PA	062782	LANCASTER	PA	8,666
11682	11682-OTHER HUGO_IN_NS_09046-Node: 30140	3.0		09046	HUGO_IN_NS_09046	IN	064324	FORT WAYNE	IN	295,435
11688	11688-OTHER ALTOONA-EAU CLAIRE	3.1		EC318	ALTOONA	WI	EC321	EAU CLAIRE	WI	127,909
11695	11695-OTHER HOPEWELL_VA_NS_1-Node: 36603	9.1		10919	HOPEWELL_VA_NS_10919	VA	070845	PETERSBURG	VA	35,605
11702	11702-ALLENTOWN (RJCN)-BETHLEHEM_PA	4.1		87695	ALLENTOWN (RJCN)_PA_NS_87695	PA	LE84	BETHLEHEM_PA_NS_LE84	PA	248,330
11703	11703-OTHER GASTONIA_NC-RIDGE_NC	5.0		HG41	RIDGE_NC_NS_HG41	NC	399	GASTONIA_NC_NS_399	NC	1,340
11706	11706-OTHER HOOK_PA_NS_PL17-Node: 28937	13.1		PL17	HOOK_PA_NS_PL17	PA	063117	PHILADELPHIA	PA	14
11718	11718-OTHER Node: 35562-COSGROVE YARD_SC	2.8		069800	NORTH CHARLESTON	SC	RBX3	COSGROVE YARD_SC_NS_RBX3	SC	12,375
11719	11719-OTHER NEWELL_WV_NS_NW1-WEIRTON_WV_NS_WR	19.7		NW19	NEWELL_WV_NS_NW19	WV	WR42	WEIRTON_WV_NS_WR42	WV	3,032
11728	11728-OTHER: LG3_NS - LG0_NS	0.9		LG3	CAMP HILL_PA_NS_LG3	PA	LG0	FRONT STREET_PA_NS_LG0	PA	253,348
11740	11740-OTHER PHILA PORT-FAIRHILL JCT_PA	1.2		9RC	PHILA PORT RICHMOND_PA_NS_9RC	PA	4BZ	FAIRHILL JCT_PA_NS_4BZ	PA	9,936
11747	11747-OTHER DEMUND_IN_NS_090-LAFAYETTE JCT_IN	0.5		09090	DEMUND_IN_NS_09090	IN	09086	LAFAYETTE JCT_IN_NS_09086	IN	597,266
11748	11748-OTHER Node: 35331-BETHINTERMODAL_P	2.3		069569	BETHLEHEM	PA	72681	BETHINTERMODAL_PA_NS_72681	PA	31,428
11749	11749-OTHER 062270_NS - AF9_NS	4.8		062270	READING	PA	AF9	LEISEY_PA_NS_AF9	PA	108,409
11753	11753-OTHER CALIFORNIA JCT E-CALIFORNIA JCT W	0.4		NZ464	CALIFORNIA JCT EAST	IA	NZ466	CALIFORNIA JCT WEST	IA	795,346
11756	11756-OTHER FRUITVALE-ALAMEDA	0.7		PX946	FRUITVALE	CA	PX944	ALAMEDA	CA	67,041
11757	11757-OTHER POKEGAMA-EAST MINNEAPOLIS	162.6		VX004	POKEGAMA	WI	EC424	EAST MINNEAPOLIS	MN	80,493
11759	11759-OTHER FLEET_TN_NS_129A-WEST KNOXVILLE_T	0.1		129A	FLEET_TN_NS_129A	TN	131A	WEST KNOXVILLE_TN_NS_131A	TN	244,388
11772	11772-OTHER CHARLESTON JCT-MO JCT	1.8		XD025	CHARLESTON JCT	MO	C 179	MO JCT	MO	535,602
11781	11781-OTHER UTAH JUNCTION-STOCK YARD SPUR	2.0		KP644	UTAH JUNCTION	CO	KP642	STOCK YARD SPUR	CO	216,939
11784	11784-OTHER MEMPHISIC-MEMPHIS_TN_NS_54	0.3		XG093I	MEMPHISIC	TN	547A	MEMPHIS_TN_NS_547A	TN	301,495
11785	11785-OTHER DEEP WATER POINT-Node: 28516	9.8		33PD	DEEP WATER POINT_NJ_NS_33PD	NJ	062693	PEDRICKTOWN	NJ	22,298
11790	11790-OTHER 068501_NS - CC445_NS	50.6		068501	CHATTANOOGA	TN	CC445	ROSSVILLE_GA_NS_CC445	GA	2,154
11792	11792-OTHER BINGHAMTON 1 RUN-BEVIER STREET_NY	2.2		HA614	BINGHAMTON 1 RUN SC_NY_NS_HA614	NY	HA613	BEVIER STREET_NY_NS_HA613	NY	53,424
11802	11802-OTHER SOUTH ST PAUL-HOFFMAN ST PAUL	3.9		DM004	SOUTH ST PAUL	MN	DM001	HOFFMAN ST PAUL	MN	348,925
11817	11817-OTHER RH8_NS - RD117_NS	6.1		RH8	VON WILLER_OH_NS_RH8	OH	RD117	CP-117_OH_NS_RD117	OH	28,088
11824	11824-OTHER EL SEGUNDO-SOUTH LOS ANGELE	8.8		JP210	EL SEGUNDO	CA	JP201	SOUTH LOS ANGELES	CA	8,088
11830	11830-OTHER PORT NICKEL_LA_N-ROSLIN JUNCTION_L	13.3		LS16	PORT NICKEL_LA_NS_LS16	LA	14NT	ROSLIN JUNCTION_LA_NS_14NT	LA	12,181
11834	11834-OTHER CONWAY_PA_NS_PC2-BRIGHT_PA_NS_PC3	3.3		PC23	CONWAY_PA_NS_PC23	PA	PC30	BRIGHT_PA_NS_PC30	PA	625,289
11848	11848-OTHER BALTIMORE DUNDAL-BALTIMORE TERMIN	2.8		BV6	BALTIMORE DUNDALK M_MD_NS_BV6	MD	BV1	BALTIMORE TERMINAL_MD_NS_BV1	MD	9,871
11849	11849-OTHER CHICAGO HEIGHTS-CHTT INTERCHANGE	1.8		ZA027	CHICAGO HEIGHTS	IL	CT002I	CHTT INTERCHANGE	IL	9,740
11855	11855-OTHER Node: 29210-WEST CARTERET_NJ	2.9		063392	CARTERET	NJ	15XG	WEST CARTERET_NJ_NS_15XG	NJ	962
11858	11858-OTHER MANVILLE_NJ_NS_L-PT READING JCT_N	0.5		LE36	MANVILLE_NJ_NS_LE36	NJ	LE35	PT READING JCT_NJ_NS_LE35	NJ	310,151
11865	11865-OTHER FORTY EIGHT ST C-FIFTY FOUR ST CO	0.8		WD643	FORTY EIGHT ST CONN	CO	WD644	FIFTY FOUR ST CONNE	CO	104,815

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Master Segment Table for New Hazmat Traffic (F)

Includes Organic Growth on Baseline for Non-Transaction Analysis

Segment Key	Segment Name	Baseline Organic Growth (5 Years) Carloads	Transaction Growth Carloads ⁶	Year 5 Annual Carloads	Baseline Hazmat (HM) Annual Carloads	Baseline Organic Growth (5 Years) HM Carloads	Transaction Growth HM Carloads ⁶	Year 5 Annual HM Carloads	Either A1 or A2 Flag
11664	11664-OTHER SHREVEPORT TS316-SHREVEPORT	1,324	67,210	94,493	277	14	678	969	YES
11665	11665-OTHER SHREVEPORT SOUTH-KCS SHREVEPORT S	3,126	71,648	100,733	277	33	723	1,033	YES
11678	11678-OTHER 87820_NS - 062782_NS	1,043	3	9,712	633	76	2	711	NO
11682	11682-OTHER HUGO_IN_NS_09046-Node: 30140	35,574	124,072	455,081	30,706	3,697	2,967	37,370	NO
11688	11688-OTHER ALTOONA-EAU CLAIRE	6,525	8,696	143,130	20,152	1,028	578	21,758	NO
11695	11695-OTHER HOPEWELL_VA_NS_1-Node: 36603	4,287	4,338	44,230	8,023	966	432	9,421	NO
11702	11702-ALLENTOWN (RJCN)-BETHLEHEM_PA	29,902	99,654	377,886	44,323	5,337	6,296	55,956	YES
11703	11703-OTHER GASTONIA_NC-RIDGE_NC	161	2,067	3,568	563	68	9	640	YES
11706	11706-OTHER HOOK_PA_NS_PL17-Node: 28937	2	206	222	2	0	4	6	YES
11718	11718-OTHER Node: 35562-COSGROVE YARD_SC	1,490	2,118	15,983	180	22	34	236	NO
11719	11719-OTHER NEWELL_WV_NS_NW1-WEIRTON_WV_NS_WR	365	91	3,488	243	29	18	290	NO
11728	11728-OTHER: LG3_NS - LGO_NS	30,506	107,753	391,607	22,968	2,766	6,335	32,069	YES
11740	11740-OTHER PHILA PORT-FAIRHILL JCT_PA	1,196	19,648	30,780	3,551	428	16,888	20,867	YES
11747	11747-OTHER DEMUND_IN_NS_090-LAFAYETTE JCT_IN	71,919	179,659	848,844	66,292	7,982	3,375	77,649	NO
11748	11748-OTHER Node: 35331-BETHINTERMODAL_P	3,784	6,778	41,990	115	14	93	222	NO
11749	11749-OTHER 062270_NS - AF9_NS	13,054	24,384	145,847	44,087	5,309	630	50,026	NO
11753	11753-OTHER CALIFORNIA JCT E-CALIFORNIA JCT W	40,571	228,630	1,064,547	45,667	2,329	10,397	58,393	NO
11756	11756-OTHER FRUITVALE-ALAMEDA	3,420	4,716	75,177	6,843	349	25	7,217	NO
11757	11757-OTHER POKEGAMA-EAST MINNEAPOLIS	4,106	601	85,200	16,686	851	279	17,816	NO
11759	11759-OTHER FLEET_TN_NS_129A-WEST KNOXVILLE_T	29,428	89,389	363,205	41,250	4,967	10,643	56,860	NO
11772	11772-OTHER CHARLESTON JCT-MO JCT	27,321	41,336	604,259	87,514	4,464	521	92,499	NO
11781	11781-OTHER UTAH JUNCTION-STOCK YARD SPUR	11,066	2,375	230,380	74,658	3,808	166	78,632	NO
11784	11784-OTHER MEMPHISIC-MEMPHIS_TN_NS_54	15,379	202,831	519,705	30,426	1,552	2,250	34,228	YES
11785	11785-OTHER DEEP WATER POINT-Node: 28516	2,685	2,547	27,530	11,099	1,336	1,539	13,974	NO
11790	11790-OTHER 068501_NS - CC445_NS	259	249	2,662	115	14	35	164	NO
11792	11792-OTHER BINGHAMTON 1 RUN-BEVIER STREET_NY	6,433	17,003	76,860	1,716	207	47	1,970	NO
11802	11802-OTHER SOUTH ST PAUL-HOFFMAN ST PAUL	17,799	26,102	392,826	57,987	2,958	902	61,847	NO
11817	11817-OTHER RH8_NS - RD117_NS	3,382	1,293	32,763	716	86	139	941	NO
11824	11824-OTHER EL SEGUNDO-SOUTH LOS ANGELE	413	153	8,654	3,196	163	160	3,519	NO
11830	11830-OTHER PORT NICKEL_LA_N-ROSLIN JUNCTION_L	1,467	422	14,070	4,411	531	189	5,131	NO
11834	11834-OTHER CONWAY_PA_NS_PC2-BRIGHT_PA_NS_PC3	75,293	93,496	794,078	96,829	11,659	4,635	113,123	YES
11848	11848-OTHER BALTIMORE DUNDAL-BALTIMORE TERMIN	1,189	624	11,684	188	23	159	370	NO
11849	11849-OTHER CHICAGO HEIGHTS-CHTT INTERCHANGE	497	7,575	17,812	587	30	13	630	YES
11855	11855-OTHER Node: 29210-WEST CARTERET_NJ	116	162	1,240	757	91	90	938	NO
11858	11858-OTHER MANVILLE_NJ_NS_L-PT READING JCT_N	37,346	133,728	481,225	55,621	6,697	8,490	70,808	YES
11865	11865-OTHER FORTY EIGHT ST C-FIFTY FOUR ST CO	5,347	1,016	111,178	41,423	2,113	75	43,611	NO

UP-NS Response to OEA Request #2

Master Segment Table for New Hazmat Traffic (F)

Includes Organic Growth on Baseline for Non-Transaction Analysis

Segment Key	Segment Name	Segment Distance (GIS miles) ¹ Rounded to 1st Decimal	NOTE	Start Station	Start City/Station	Start State	End Station	End City/Station	End State	Baseline Annual Carloads
11866	11866-OTHER ALTON_IL_NS_2210-IT JCT_IL_NS_220	4.7		22100	ALTON_IL_NS_22100	IL	22006	IT JCT_IL_NS_22006	IL	42,546
11868	11868-OTHER STEEL_WV_NS_WR39-MINGO JCT_OH_NS_	7.2		WR39	STEEL_WV_NS_WR39	WV	RO21	MINGO JCT_OH_NS_RO21	OH	8,673
11871	11871-OTHER RIVER ROUGE_MI_N-CP-YD_MI_NS_JC0	0.8		DR7	RIVER ROUGE_MI_NS_DR7	MI	JC0	CP-YD_MI_NS_JC0	MI	182,220
11874	11874-OTHER FOX_GA_NS_79H-FAIRBANKS JUNCTI	2.8		79H	FOX_GA_NS_79H	GA	3K	FAIRBANKS JUNCTION_GA_NS_3K	GA	27,274
11876	11876-OTHER MONTVIEW_VA_NS_1-NORTH LEG_VA_NS_	0.2		175	MONTVIEW_VA_NS_175	VA	0KM	NORTH LEG_VA_NS_0KM	VA	42,406
11880	11880-OTHER MACK YARD_MI_NS_-Node: 30721	4.0		OTE	MACK YARD_MI_NS_OTE	MI	064906	DETROIT	MI	15,536
11881	11881-OTHER MP JCT-BRIGGS	0.7		TP210	MP JCT	TX	TP211	BRIGGS	TX	528,886
11883	11883-OTHER NORSHIPCO-LIGON -COLEMAN PLACE_VA	5.0		NS00	NORSHIPCO-LIGON ST_VA_NS_NS00	VA	4SN	COLEMAN PLACE_VA_NS_4SN	VA	25
11887	11887-OTHER Node: 34862-Node: 34861	3.2		069100	NEW YORK	NY	069099	NEW YORK	NY	2,911
11888	11888-OTHER ALGOA-ALVIN	4.2		B 343	ALGOA	TX	B 348	ALVIN	TX	422,852
11895	11895-OTHER LONG BEACH-TERMINAL ISLAND	0.7		CS720	LONG BEACH	CA	CS521	TERMINAL ISLAND	CA	166,028
11918	11918-OTHER PRICHARD_GA_NS_G-Node: 33834	0.9		GY0	PRICHARD_GA_NS_GY0	GA	068072	MACON	GA	45,915
11925	11925-OTHER WA UNITED TRM (W-FIFE	3.4		T 002	WA UNITED TRM (WUT)	WA	OX919	FIFE	WA	27,777
11929	11929-OTHER WINTON PLACE_OH_-Node: 25975	17.1		BE6	WINTON PLACE_OH_NS_BE6	OH	051202	HAMILTON	OH	13,773
11930	11930-OTHER 062693_NS - 062689_NS	9.2		062693	PEDRICKTOWN	NJ	062689	PAULSBORO	NJ	34,315
11933	11933-OTHER PULASKI-NORTH LITTLE ROC	1.2		LW006	PULASKI	AR	X 344	NORTH LITTLE ROCK	AR	817,184
11936	11936-OTHER Node: 29251-CP-HATCH_NJ_NS_4	2.5		063433	PHILADELPHIA	PA	4BA	CP-HATCH_NJ_NS_4BA	NJ	49,292
11939	11939-OTHER MARYVILLE_TN_NS_-KA JCT_TN_NS_130	14.8		16KA	MARYVILLE_TN_NS_16KA	TN	130A	KA JCT_TN_NS_130A	TN	4,380
11942	11942-OTHER 030150_NS - A824_NS	3.3		030150	ARABI	LA	A824	CHALMETTE_LA_NS_A824	LA	22,481
11943	11943-OTHER WEST SACRAMENTO-YOLO PORT	1.8		RV342	WEST SACRAMENTO	CA	PH503	YOLO PORT	CA	13,990
11946	11946-OTHER LOS ANGELES-PASADENA JCT	4.9		CX809	LOS ANGELES	CA	CX812	PASADENA JCT	CA	310,172
11950	11950-OTHER TOLEDO TV_OH_NS_-Node: 33837	0.5		CD291	TOLEDO TV_OH_NS_CD291	OH	068075	TOLEDO	OH	157,472
11960	11960-OTHER CRAWLEY_IL_NS_22-WR INTERLOCKING_	16.6		22011	CRAWLEY_IL_NS_22011	IL	99308	WR INTERLOCKING_IL_NS_99308	IL	30,817
11971	11971-OTHER Node: 34860-Node: 34161	2.6		069098	NEW YORK	NY	068399	ELIZABETH	NJ	2,345
11972	11972-OTHER DIXIANA_VA_NS_18-KENT JCT_VA_NS_1	15.4		18118	DIXIANA_VA_NS_18118	VA	19809	KENT JCT_VA_NS_19809	VA	5,937
11974	11974-OTHER 066484_NS - SI2_NS	1.0		066484	WORMLEYSBURG	PA	SI2	LEMOYNE_PA_NS_SI2	PA	219,664
11975	11975-OTHER 19805_NS - 19809_NS	12.7		19805	APPALACHIA_VA_NS_19805	VA	19809	KENT JCT_VA_NS_19809	VA	12,528
11985	11985-OTHER KEDZIE-OGDEN JCT	1.6		NZ003	KEDZIE	IL	GO002	OGDEN JCT	IL	211,253
11988	11988-OTHER FAIRFAX-MINNESOTA AVE	1.8		KY001	FAIRFAX	KS	O 004	MINNESOTA AVE	KS	107,254
11990	11990-OTHER BATON ROUGE-ANCHORAGE	6.8		B 649	BATON ROUGE	LA	B 644	ANCHORAGE	LA	76,575
11993	11993-OTHER DAYTONS BLUFF-WESTMINSTER STRE	1.9		DM000	DAYTONS BLUFF	MN	EC419	WESTMINSTER STREET	MN	508,121
11994	11994-OTHER SE MINNEAPOLIS-NEW BRIGHTON	6.0		EC422	SE MINNEAPOLIS	MN	VZ143	NEW BRIGHTON	MN	71,912
11996	11996-OTHER LI14_NS - LR9_NS	5.4		LI14	LITITZ_PA_NS_LI14	PA	LR9	MANHEIM_PA_NS_LR9	PA	1,185
11997	11997-OTHER 062689_NS - 062687_NS	4.0		062689	PAULSBORO	NJ	062687	THOROFARE	NJ	48,944
11999	11999-OTHER 062687_NS - 066854_NS	3.0		062687	THOROFARE	NJ	066854	WOODBURY	NJ	48,212
12001	12001-OTHER Node: 29214-Node: 28491	1.5		063396	CLAYMONT	DE	062668	MARCUS HOOK	PA	8,957

UP-NS Response to OEA Request #2

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11866	11866-OTHER ALTON_IL_NS_2210-IT JCT_IL_NS_220	5,123	281	47,950	33,294	4,009	282	37,585	NO
11868	11868-OTHER STEEL_WV_NS_WR39-MINGO JCT_OH_NS_	1,044	110	9,827	280	34	13	327	NO
11871	11871-OTHER RIVER ROUGE_MI_N-CP-YD_MI_NS_JCO	21,942	13,758	217,920	13,514	1,627	234	15,375	NO
11874	11874-OTHER FOX_GA_NS_79H-FAIRBANKS JUNCTI	3,284	1,574	32,132	852	103	227	1,182	NO
11876	11876-OTHER MONTVIEW_VA_NS_1-NORTH LEG_VA_NS_	5,106	23,186	70,698	4,800	578	72	5,450	YES
11880	11880-OTHER MACK YARD_MI_NS_-Node: 30721	1,871	12,843	30,250	143	17	11	171	YES
11881	11881-OTHER MP JCT-BRIGGS	26,979	93,909	649,774	41,363	2,110	276	43,749	NO
11883	11883-OTHER NORSHIPCO-LIGON -COLEMAN PLACE_VA	3	185	213	21	3	3	27	YES
11887	11887-OTHER Node: 34862-Node: 34861	351	453	3,715	788	95	92	975	NO
11888	11888-OTHER ALGOA-ALVIN	21,570	33,257	477,679	122,421	6,245	172	128,838	NO
11895	11895-OTHER LONG BEACH-TERMINAL ISLAND	8,469	59,530	234,027	32,756	1,671	895	35,322	NO
11918	11918-OTHER PRICHARD_GA_NS_G-Node: 33834	5,529	8,927	60,371	88	11	569	668	NO
11925	11925-OTHER WA UNITED TRM (W-FIFE	1,417	2,872	32,066	1,729	88	17	1,834	NO
11929	11929-OTHER WINTON PLACE_OH_-Node: 25975	1,658	890	16,321	714	86	2	802	NO
11930	11930-OTHER 062693_NS - 062689_NS	4,132	5,826	44,273	17,124	2,062	2,385	21,571	NO
11933	11933-OTHER PULASKI-NORTH LITTLE ROC	41,685	95,685	954,554	138,068	7,043	1,656	146,767	NO
11936	11936-OTHER Node: 29251-CP-HATCH_NJ_NS_4	5,935	71,207	126,434	14,875	1,791	22,534	39,200	YES
11939	11939-OTHER MARYVILLE_TN_NS_-KA JCT_TN_NS_130	527	4,081	8,988	737	89	1,725	2,551	YES
11942	11942-OTHER 030150_NS - A824_NS	2,707	700	25,888	6,628	798	246	7,672	NO
11943	11943-OTHER WEST SACRAMENTO-YOLO PORT	714	453	15,157	4,172	213	121	4,506	NO
11946	11946-OTHER LOS ANGELES-PASADENA JCT	15,822	54,407	380,401	28,785	1,468	56	30,309	NO
11950	11950-OTHER TOLEDO TV_OH_NS_-Node: 33837	18,962	7,642	184,076	12,674	1,526	636	14,836	NO
11960	11960-OTHER CRAWLEY_IL_NS_22-WR INTERLOCKING_	3,711	197	34,725	25,502	3,071	217	28,790	NO
11971	11971-OTHER Node: 34860-Node: 34161	282	366	2,993	636	77	72	785	NO
11972	11972-OTHER DIXIANA_VA_NS_18-KENT JCT_VA_NS_1	715	12	6,664	265	32	2	299	NO
11974	11974-OTHER 066484_NS - SI2_NS	26,450	56,816	302,930	28,368	3,416	8,080	39,864	NO
11975	11975-OTHER 19805_NS - 19809_NS	1,509	30	14,067	623	75	4	702	NO
11985	11985-OTHER KEDZIE-OGDEN JCT	10,776	458,760	680,789	17,324	884	32,069	50,277	YES
11988	11988-OTHER FAIRFAX-MINNESOTA AVE	5,471	61,426	174,151	10,114	516	1,846	12,476	NO
11990	11990-OTHER BATON ROUGE-ANCHORAGE	3,906	65,970	146,451	35,870	1,830	20,186	57,886	YES
11993	11993-OTHER DAYTONS BLUFF-WESTMINSTER STRE	25,919	43,283	577,323	92,898	4,739	2,212	99,849	NO
11994	11994-OTHER SE MINNEAPOLIS-NEW BRIGHTON	3,668	10,750	86,330	13,918	710	194	14,822	NO
11996	11996-OTHER LI14_NS - LR9_NS	143	29	1,357	708	85	31	824	NO
11997	11997-OTHER 062689_NS - 062687_NS	5,893	16,439	71,276	19,849	2,390	2,411	24,650	NO
11999	11999-OTHER 062687_NS - 066854_NS	5,805	16,116	70,133	19,088	2,298	2,412	23,798	NO
12001	12001-OTHER Node: 29214-Node: 28491	1,079	245	10,281	6,960	838	132	7,930	NO

UP-NS Response to OEA Request #2

Master Segment Table for New Hazmat Traffic (F)

Includes Organic Growth on Baseline for Non-Transaction Analysis

Segment Key	Segment Name	Segment Distance (GIS miles) ¹ Rounded to 1st Decimal	NOTE	Start Station	Start City/Station	Start State	End Station	End City/Station	End State	Baseline Annual Carloads
12004	12004-OTHER YUMA JCT-MISSION TOWER	0.4		CO469	YUMA JCT	CA	CO467	MISSION TOWER	CA	82,978
12014	12014-OTHER BB030_UP - B 025_UP	13.6		BB030	PALMETAL	TX	B 025	HARLINGEN	TX	31,025
12017	12017-OTHER CP-FALLS_PA_NS_H-FAIRHILL JCT_PA_	4.0		HP5	CP-FALLS_PA_NS_HP5	PA	4BZ	FAIRHILL JCT_PA_NS_4BZ	PA	13,321
12018	12018-OTHER CENTREVILLE-VALLEY JCT	4.4		CR001	CENTREVILLE	IL	C 009	VALLEY JCT	IL	511,844
12020	12020-OTHER BARBOURS CUT-MANCHESTER YARD	16.6		GV023	BARBOURS CUT	TX	HP013	MANCHESTER YARD	TX	228,594
12029	12029-OTHER LR9_NS - 062782_NS	73.0		LR9	MANHEIM_PA_NS_LR9	PA	062782	LANCASTER	PA	1,183
12037	12037-OTHER CLYBOURN CHICAGO-CHICAGO LAKE ST	2.4		CY002	CLYBOURN CHICAGO	IL	NZ000	CHICAGO LAKE ST	IL	612
12054	12054-OTHER PHILA BELMONT_PA-CP-FIELD_PA_NS_Z	4.0		HP3	PHILA BELMONT_PA_NS_HP3	PA	ZF0	CP-FIELD_PA_NS_ZF0	PA	13,238
12062	12062-OTHER ERAIL_NJ_NS_6WJ-ELIZABETHPORT_NJ	1.0		6WJ	ERAIL_NJ_NS_6WJ	NJ	5WJ	ELIZABETHPORT_NJ_NS_5WJ	NJ	0
12063	12063-OTHER TP211_UP - TP212_UP	1.9		TP211	BRIGGS	TX	TP212	SP JUNCTION	TX	528,886
12065	12065-OTHER GALVESTON WHARVE-TNO JCT	44.9		A 281	GALVESTON WHARVES	TX	B 367	TNO JCT	TX	188,411
12066	12066-OTHER NEW ORLEANS-LIVE OAK JCT	11.4		C 817	NEW ORLEANS	LA	TB015	LIVE OAK JCT	LA	350,987
12068	12068-OTHER Node: 28490-Node: 29256	0.8		062667	MARCUS HOOK	PA	063438	TRAINER	PA	6,188
12082	12082-OTHER SOUTHWEST ST_OH_-CENTER ST_OH_NS_	0.7		10755	SOUTHWEST ST_OH_NS_10755	OH	10757	CENTER ST_OH_NS_10757	OH	1,167,364
12083	12083-OTHER MIDLOTHIAN JCT-TOWER FIFTY FIVE	2.3		FH003	MIDLOTHIAN JCT	TX	TP245	TOWER FIFTY FIVE	TX	918,159
12086	12086-OTHER Node: 32161-IRONVILLE_OH_NS_	4.1	8	066396	TOLEDO	OH	07006	IRONVILLE_OH_NS_07006	OH	33,528
12095	12095-OTHER TORRANCE-WATTS	10.0		JP308	TORRANCE	CA	JP010	WATTS	CA	18,340
12096	12096-OTHER CP-PENROSE_PA-CP-FIELD_PA	3.9		3HD	CP-PENROSE_PA_NS_3HD	PA	ZF0	CP-FIELD_PA_NS_ZF0	PA	14,041
12099	12099-OTHER BALT CLINTON STR-BALTIMORE BAY VI	1.8		IP3	BALT CLINTON STREET_MD_NS_IP3	MD	IP1	BALTIMORE BAY VIEW_MD_NS_IP1	MD	246,910
12107	12107-OTHER ENOS_IN_NS_6EJ-Node: 36593	4.7		6EJ	ENOS_IN_NS_6EJ	IN	070835	OAKLAND CITY	IN	6,435
12113	12113-OTHER KRANNERT_GA_NS_1-POWER_GA_NS_12K	0.7		13K	KRANNERT_GA_NS_13K	GA	12K	POWER_GA_NS_12K	GA	12,707
12115	12115-OTHER Node: 29055-Node: 32558	5.1		063237	MARYSVILLE	PA	066796	HARRISBURG	PA	572,227
12131	12131-OTHER Node: 31979-CP-BO_MI_NS_FB54	53.3		066178	GRAND RAPIDS	MI	FB54	CP-BO_MI_NS_FB54	MI	20
12146	12146-OTHER Node: 27650-GIBSON_MI_NS_KYO	36.7		061545	WHITE PIGEON	MI	KYO	GIBSON_MI_NS_KYO	MI	266
12149	12149-OTHER JKSMS-JACKSON_MS_NS_JK	96.4		A630	MERIDIAN_MS_NS_A630	MS	JKSMS	JACKSON_MS_NS_JKSMS	MS	25,959
12155	12155-OTHER BAYONNE (EJR)_NJ-GREENVILLE_NJ_NS	2.2		87176	BAYONNE (EJR)_NJ_NS_87176	NJ	4DN	GREENVILLE_NJ_NS_4DN	NJ	18,934
12162	12162-OTHER Node: 36631-CENTRAL JCT_GA_N	1.4		070873	GARDEN CITY	GA	1004	CENTRAL JCT_GA_NS_1004	GA	45,865
12187	12187-OTHER 066854_NS - 4BA_NS	81.3		066854	WOODBURY	NJ	4BA	CP-HATCH_NJ_NS_4BA	NJ	53,194
12188	12188-OTHER Node: 29571-CP-BOUND BROOK_N	2.6		063755	MANVILLE	NJ	LE33	CP-BOUND BROOK_NJ_NS_LE33	NJ	300,492
12192	12192-OTHER PORT READING PIE-CP RON_NJ_NS_17X	0.9		17PJ	PORT READING PIER_NJ_NS_17PJ	NJ	17XG	CP RON_NJ_NS_17XG	NJ	31,419
12202	12202-OTHER BRANNON-LIVE OAK JCT	118.8		SL009	BRANNON	LA	TB015	LIVE OAK JCT	LA	7,779
12204	12204-OTHER FIFE-TACSIM	3.6		OX919	FIFE	WA	OX918	TACSIM	WA	66,263
12207	12207-OTHER SALT LAKE INTERC-SLC 4TH ST IC	1.0		UZ029I	SALT LAKE INTERCHNG	UT	UP000I	SLC 4TH ST IC	UT	345,511
12212	12212-OTHER Node: 36674-ECORSE JCT_MI_NS	0.7		070916	MELVINDALE	MI	1FW	ECORSE JCT_MI_NS_1FW	MI	262,131
12214	12214-OTHER Node: 36330-Node: 24559	84.4		070569	BELLEVUE	OH	035422	BREWSTER	OH	28,696
12217	12217-OTHER CANAL ST-NORTH PORTLAND	140.7		OU201	CANAL ST	WA	OX778	NORTH PORTLAND	OR	204,638

UP-NS Response to OEA Request #2

Master Segment Table for New Hazmat Traffic (F)

Includes Organic Growth on Baseline for Non-Transaction Analysis

Segment Key	Segment Name	Baseline Organic Growth (5 Years) Carloads	Transaction Growth Carloads ⁶	Year 5 Annual Carloads	Baseline Hazmat (HM) Annual Carloads	Baseline Organic Growth (5 Years) HM Carloads	Transaction Growth HM Carloads ⁶	Year 5 Annual HM Carloads	Either A1 or A2 Flag
12004	12004-OTHER YUMA JCT-MISSION TOWER	4,233	8,007	95,218	5,965	304	144	6,413	NO
12014	12014-OTHER BBO30_UP - B 025_UP	1,583	561	33,169	7,220	368	57	7,645	NO
12017	12017-OTHER CP-FALLS_PA_NS_H-FAIRHILL JCT_PA_	1,604	44,296	59,221	4,080	491	30,657	35,228	YES
12018	12018-OTHER CENTREVILLE-VALLEY JCT	26,109	155,963	693,916	72,815	3,714	5,355	81,884	YES
12020	12020-OTHER BARBOURS CUT-MANCHESTER YARD	11,661	55,487	295,742	100,804	5,142	10,410	116,356	NO
12029	12029-OTHER LR9_NS - 062782_NS	142	29	1,354	706	85	30	821	NO
12037	12037-OTHER CLYBOURN CHICAGO-CHICAGO LAKE ST	31	1,630	2,273	6	0	109	115	YES
12054	12054-OTHER PHILA BELMONT_PA-CP-FIELD_PA_NS_Z	1,594	31,840	46,672	1,990	240	18,050	20,280	YES
12062	12062-OTHER ERAIL_NJ_NS_6WJ-ELIZABETHPORT_NJ	0	36,095	36,095	0	0	39	39	YES
12063	12063-OTHER TP211_UP - TP212_UP	26,979	93,909	649,774	41,363	2,110	276	43,749	NO
12065	12065-OTHER GALVESTON WHARVE-TNO JCT	9,611	14,377	212,399	59,020	3,011	207	62,238	NO
12066	12066-OTHER NEW ORLEANS-LIVE OAK JCT	17,904	344,711	713,602	83,493	4,259	38,006	125,758	YES
12068	12068-OTHER Node: 28490-Node: 29256	745	170	7,103	4,809	579	92	5,480	NO
12082	12082-OTHER SOUTHWEST ST_OH_-CENTER ST_OH_NS_	140,566	130,765	1,438,695	183,242	22,065	13,274	218,581	NO
12083	12083-OTHER MIDLOTHIAN JCT-TOWER FIFTY FIVE	46,835	21,378	986,372	162,721	8,300	138	171,159	NO
12086	12086-OTHER Node: 32161-IRONVILLE_OH_NS_	4,037	21,588	59,153	1,816	219	2,002	4,037	NO
12095	12095-OTHER TORRANCE-WATTS	936	199	19,475	4,318	220	128	4,666	NO
12096	12096-OTHER CP-PENROSE_PA-CP-FIELD_PA	1,691	31,875	47,607	1,990	240	18,072	20,302	YES
12099	12099-OTHER BALT CLINTON STR-BALTIMORE BAY VI	29,731	1,417	278,058	423	51	713	1,187	NO
12107	12107-OTHER ENOS_IN_NS_6EJ-Node: 36593	775	404	7,614	187	23	12	222	NO
12113	12113-OTHER KRANNERT_GA_NS_1-POWER_GA_NS_12K	1,530	525	14,762	454	55	76	585	NO
12115	12115-OTHER Node: 29055-Node: 32558	68,904	25,413	666,544	42,146	5,075	1,302	48,523	NO
12131	12131-OTHER Node: 31979-CP-BO_MI_NS_FB54	2	157	179	0	0	19	19	YES
12146	12146-OTHER Node: 27650-GIBSON_MI_NS_KYO	32	157	455	0	0	19	19	NO
12149	12149-OTHER JKSMS-JACKSON_MS_NS_JK	3,126	88,291	117,376	277	33	847	1,157	YES
12155	12155-OTHER BAYONNE (EJR)_NJ-GREENVILLE_NJ_NS	2,280	1,798	23,012	2,115	255	492	2,862	NO
12162	12162-OTHER Node: 36631-CENTRAL JCT_GA_N	5,523	585	51,973	1,431	172	8	1,611	NO
12187	12187-OTHER 066854_NS - 4BA_NS	6,405	20,899	80,498	16,258	1,958	5,703	23,919	NO
12188	12188-OTHER Node: 29571-CP-BOUND BROOK_N	36,183	129,565	466,240	53,889	6,489	8,225	68,603	YES
12192	12192-OTHER PORT READING PIE-CP RON_NJ_NS_17X	3,783	3,601	38,803	28,880	3,478	1,265	33,623	NO
12202	12202-OTHER BRANNON-LIVE OAK JCT	397	187	8,363	766	39	38	843	NO
12204	12204-OTHER FIFE-TACSIM	3,380	74,379	144,022	5,471	279	3,344	9,094	YES
12207	12207-OTHER SALT LAKE INTERC-SLC 4TH ST IC	17,625	21,160	384,296	90,894	4,637	1,801	97,332	NO
12212	12212-OTHER Node: 36674-ECORSE JCT_MI_NS	31,564	43,299	336,994	15,012	1,808	484	17,304	NO
12214	12214-OTHER Node: 36330-Node: 24559	3,455	2,952	35,103	4,718	568	357	5,643	NO
12217	12217-OTHER CANAL ST-NORTH PORTLAND	10,439	15,388	230,465	7,455	380	39	7,874	NO

UP-NS Response to OEA Request #2

Master Segment Table for New Hazmat Traffic (F)

Includes Organic Growth on Baseline for Non-Transaction Analysis

Segment Key	Segment Name	Segment Distance (GIS miles) ¹ Rounded to 1st Decimal	NOTE	Start Station	Start City/Station	Start State	End Station	End City/Station	End State	Baseline Annual Carloads
12228	12228-OTHER PINE BLUFF INTER-PINE BLUFF RAILI	1.0		K 043I	PINE BLUFF INTERCHG	AR	IP002	PINE BLUFF RAILINC	AR	21,118
12231	12231-OTHER GLASS YARD-DALLERUP	3.4		HB005	GLASS YARD	TX	HB004	DALLERUP	TX	44,748
12232	12232-OTHER G 073_UP - G 145_UP	82.8		G 073	MARSHALL JCT	MO	G 145	ETON	MO	313,496
12235	12235-OTHER WEST BASIN-WEST THENARD	3.6		CS529	WEST BASIN	CA	AC161	WEST THENARD	CA	463,035
12237	12237-OTHER BAYTOWN INTERCHA-BAYTOWN	2.8		BG033I	BAYTOWN INTERCHANGE	TX	BG033	BAYTOWN	TX	39,138
12246	12246-OTHER 066516_NS - 062752_NS	36.7		066516	BALTIMORE	MD	062752	BALTIMORE	MD	357,455
12249	12249-OTHER 10660_NS - 10655_NS	6.6		10660	COLUMBUS_OH_NS_10660	OH	10655	BANNON_OH_NS_10655	OH	785,464
12258	12258-OTHER Node: 32057-Node: 31175	3.3		066288	CHICAGO	IL	065363	FRANKLIN PARK	IL	123,220
12260	12260-OTHER ROBINSON YARD-MARKET ST YARD	37.6		LS407S	ROBINSON YARD	TX	BG009	MARKET ST YARD	TX	142,061
12261	12261-OTHER LE12_NS - LE17_NS	6.4		LE12	NEWARK SCANNER_NJ_NS_LE12	NJ	LE17	CP-ALDENE_NJ_NS_LE17	NJ	246,810
12265	12265-OTHER CP-STOCK_NJ_NS_7-CP-VALLEY_NJ_NS_	0.9		7PG	CP-STOCK_NJ_NS_7PG	NJ	LE10	CP-VALLEY_NJ_NS_LE10	NJ	669
12267	12267-OTHER ELIZABETHPORT_NJ-Node: 34161	1.8		5WJ	ELIZABETHPORT_NJ_NS_5WJ	NJ	068399	ELIZABETH	NJ	40,102
12269	12269-OTHER UPPER BAY_NJ_NS_-CP-GREEN_NJ_NS_N	1.4		ND5	UPPER BAY_NJ_NS_ND5	NJ	ND4	CP-GREEN_NJ_NS_ND4	NJ	36,215
12270	12270-OTHER Node: 32127-Node: 31903	0.3		066362	NEWARK	NJ	066102	NEWARK	NJ	36,215
12271	12271-OTHER PORT NEWARK SCAN-OAK ISLAND_NJ_NS	0.0		0WJ	PORT NEWARK SCANNER_NJ_NS_0WJ	NJ	LE9	OAK ISLAND_NJ_NS_LE9	NJ	88,288
12272	12272-OTHER 063271_NS - SQ31_NS	10.2		063271	GLEN ROCK	NJ	SQ31	SUFFERN SCANNER_NY_NS_SQ31	NY	23,150
12274	12274-OTHER CP-CROXTON_NJ_NS-Node: 28301	3.0		2NZ	CP-CROXTON_NJ_NS_2NZ	NJ	062478	JERSEY CITY	NJ	16,755
12276	12276-OTHER SUFFERN SCANNER_-CP-HUDSON_NY_NS_	30.4		SQ31	SUFFERN SCANNER_NY_NS_SQ31	NY	JS64	CP-HUDSON_NY_NS_JS64	NY	14,374
12281	12281-OTHER 90034_NS - 90055_NS	156.7		90034	ROUSES POINT_NY_NS_90034	NY	90055	MECHANICVILLE_NY_NS_90055	NY	15,591
12288	12288-OTHER Node: 31175-CP-CRAGIN_IL_NS_	9.5		065363	FRANKLIN PARK	IL	CPR11	CP-CRAGIN_IL_NS_CPR11	IL	122,848
12303	12303-OTHER JKSMS_NS-MONROE INTERCHANGE	112.1		JKSMS	JACKSON_MS_NS_JKSMS	MS	C 525I	MONROE INTERCHANGE	LA	25,959
12304	12304-OTHER MONROE INTERCHAN-Node: 34795	102.8		C 525I	MONROE INTERCHANGE	LA	069033	BOSSIER CITY	LA	25,959
12305	12305-OTHER Node: 34795-MURPHY	194.4		069033	BOSSIER CITY	LA	JF748	MURPHY	TX	379
12307	12307-OTHER CD518_NS - CD517_NS	1.8		CD518	CP-518_IL_NS_CD518	IL	CD517	CHICAGO 47TH ST TV_IL_NS_CD517	IL	687,724
12311	12311-OTHER CP-518_IL_NS_CD5-Node: 30615	2.8	3	CD518	CP-518_IL_NS_CD518	IL	064800	CHICAGO	IL	254,841
12313	12313-OTHER 065311_NS-064800_NS	0.5	3	065311	CHICAGO	IL	064800	CHICAGO	IL	254,841
12314	12314-OTHER OGDEN JCT-CHICAGO IMX	3.1		GO002	OGDEN JCT	IL	AT003	CHICAGO IMX	IL	38,901
12315	12315-OTHER 064621_NS - 051187_NS	199.1		064621	TOLEDO	OH	051187	TOLEDO	OH	90,302
12316	12316-OTHER CJ137_NS - CJ138_NS	35.3		CJ137	CABIN_OH_NS_CJ137	OH	CJ138	CP-138_OH_NS_CJ138	OH	111,297
12318	12318-OTHER 051187_NS - 07006_NS	6.6		051187	TOLEDO	OH	07006	IRONVILLE_OH_NS_07006	OH	26,939
12323	12323-OTHER MI103_NS - 064388_NS	69.3		MI103	MEADVILLE_PA_NS_MI103	PA	064388	SHARON	PA	4,521
12342	12342-OTHER CC382_NS - CC378_NS	7.5		CC382	KRANNERT JUNCTION_GA_NS_CC382	GA	CC378	WEST ROME_GA_NS_CC378	GA	12,707
12344	12344-OTHER O 002_UP - MX283L_UP	0.5		O 002	TROOST AVENUE	MO	MX283L	LYDIAAVE	MO	2,110,061
12346	12346-OTHER LYDIAAVE-ROCK CREEK JCT	2.2		MX283L	LYDIAAVE	MO	MX276	ROCK CREEK JCT	MO	762,251
12349	12349-OTHER CP-BO_MI_NS_FB54-MICHIGAN CITY_IN	85.0	8	FB54	CP-BO_MI_NS_FB54	MI	04159	MICHIGAN CITY_IN_NS_04159	IN	1,578
12351	12351-OTHER 070325_NS-CENTRAL JCT	1.8		070325	GARDEN CITY	GA	1004	CENTRAL JCT_GA_NS_1004	GA	36,741

UP-NS Response to OEA Request #2

Master Segment Table for New Hazmat Traffic (F)

Includes Organic Growth on Baseline for Non-Transaction Analysis

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12228	12228-OTHER PINE BLUFF INTER-PINE BLUFF RAILI	1,077	1,539	23,734	1,780	91	166	2,037	NO
12231	12231-OTHER GLASS YARD-DALLERUP	2,283	1,713	48,744	14,052	717	1,116	15,885	NO
12232	12232-OTHER G 073_UP - G 145_UP	15,991	27,524	357,011	6,909	352	1,338	8,599	NO
12235	12235-OTHER WEST BASIN-WEST THENARD	23,619	21,977	508,631	4,370	223	67	4,660	NO
12237	12237-OTHER BAYTOWN INTERCHA-BAYTOWN	1,996	313	41,447	3,988	203	25	4,216	NO
12246	12246-OTHER 066516_NS - 062752_NS	43,042	9,678	410,175	8,048	969	1,532	10,549	NO
12249	12249-OTHER 10660_NS - 10655_NS	94,580	105,450	985,494	110,947	13,359	1,387	125,693	NO
12258	12258-OTHER Node: 32057-Node: 31175	14,837	5,235	143,292	28,437	3,424	6,231	38,092	NO
12260	12260-OTHER ROBINSON YARD-MARKET ST YARD	7,247	4,807	154,115	42,323	2,159	717	45,199	NO
12261	12261-OTHER LE12_NS - LE17_NS	29,719	82,302	358,831	17,255	2,078	1,499	20,832	YES
12265	12265-OTHER CP-STOCK_NJ_NS_7-CP-VALLEY_NJ_NS_	81	122	872	0	0	39	39	NO
12267	12267-OTHER ELIZABETHPORT_NJ-Node: 34161	4,829	46,941	91,872	6,105	735	2,189	9,029	YES
12269	12269-OTHER UPPER BAY_NJ_NS_-CP-GREEN_NJ_NS_N	4,361	8,017	48,593	3,324	400	499	4,223	NO
12270	12270-OTHER Node: 32127-Node: 31903	4,361	8,017	48,593	3,324	400	499	4,223	NO
12271	12271-OTHER PORT NEWARK SCAN-OAK ISLAND_NJ_NS	10,631	15,886	114,805	6,738	811	1,232	8,781	NO
12272	12272-OTHER 063271_NS - SQ31_NS	2,788	-806	25,132	3,165	381	130	3,676	NO
12274	12274-OTHER CP-CROXTON_NJ_NS-Node: 28301	2,018	9,524	28,297	1,748	210	9	1,967	NO
12276	12276-OTHER SUFFERN SCANNER_-CP-HUDSON_NY_NS_	1,731	-402	15,703	3,163	381	65	3,609	NO
12281	12281-OTHER 90034_NS - 90055_NS	1,877	2,437	19,905	705	85	8	798	NO
12288	12288-OTHER Node: 31175-CP-CRAGIN_IL_NS_	14,793	5,257	142,898	28,556	3,439	6,256	38,251	NO
12303	12303-OTHER JKSMS_NS-MONROE INTERCHANGE	3,126	88,291	117,376	277	33	847	1,157	YES
12304	12304-OTHER MONROE INTERCHAN-Node: 34795	1,324	82,822	110,105	277	14	795	1,086	YES
12305	12305-OTHER Node: 34795-MURPHY	46	17,343	17,768	4	0	132	136	YES
12307	12307-OTHER CD518_NS - CD517_NS	82,811	415,114	1,185,649	88,977	10,714	30,876	130,567	YES
12311	12311-OTHER CP-518_IL_NS_CD5-Node: 30615	30,686	206,476	492,003	51,248	6,171	21,650	79,069	YES
12313	12313-OTHER 065311_NS-064800_NS	30,686	206,476	492,003	51,248	6,171	21,650	79,069	YES
12314	12314-OTHER OGDEN JCT-CHICAGO IMX	1,984	-4,023	36,862	3,552	181	1,162	4,895	NO
12315	12315-OTHER 064621_NS - 051187_NS	10,874	6,030	107,206	6,216	748	313	7,277	NO
12316	12316-OTHER CJ137_NS - CJ138_NS	13,402	2,022	126,721	12,944	1,559	1,231	15,734	NO
12318	12318-OTHER 051187_NS - 07006_NS	3,244	5,204	35,387	664	80	35	779	NO
12323	12323-OTHER MI103_NS - 064388_NS	544	1,142	6,207	133	16	874	1,023	NO
12342	12342-OTHER CC382_NS - CC378_NS	1,530	525	14,762	454	55	76	585	NO
12344	12344-OTHER O 002_UP - MX283L_UP	107,634	280,793	2,498,488	209,513	10,687	4,566	224,766	YES
12346	12346-OTHER LYDIAAVE-ROCK CREEK JCT	38,882	118,128	919,261	54,161	2,763	3,995	60,919	NO
12349	12349-OTHER CP-BO_MI_NS_FB54-MICHIGAN CITY_IN	190	914	2,682	0	0	836	836	NO
12351	12351-OTHER 070325_NS-CENTRAL JCT	4,424	635	41,800	334	40	10	384	NO

UP-NS Response to OEA Request #2

Master Segment Table for New Hazmat Traffic (F)

Includes Organic Growth on Baseline for Non-Transaction Analysis

Segment Key	Segment Name	Segment Distance (GIS miles) ¹ Rounded to 1st Decimal	NOTE	Start Station	Start City/Station	Start State	End Station	End City/Station	End State	Baseline Annual Carloads
12353	12353-OTHER Node: 36087-Node: 36150	0.3		070325	GARDEN CITY	GA	070388	GARDEN CITY	GA	36,741
12361	12361-OTHER BARON_MI-060287_NS	115.6		MH120	BARON_MI_NS_MH120	MI	060287	DETROIT	MI	17,190
12375	12375-OTHER FR61_NS - 062280_NS	2.4		FR61	BELT_PA_NS_FR61	PA	062280	WYOMISSING	PA	350,494
12379	12379-OTHER RD117_NS - CD190_NS	9.5		RD117	CP-117_OH_NS_RD117	OH	CD190	CLEVELAND ROCKPORT_OH_NS_CD190	OH	956,748
12380	12380-OTHER CP-116_OH_NS_RD1-Node: 30901	0.7		RD116	CP-116_OH_NS_RD116	OH	065086	CLEVELAND	OH	211,149
12386	12386-OTHER Node: 29484-PERTH AMBOY JCT_	2.2		063668	SOUTH AMBOY	NJ	75233	PERTH AMBOY JCT_NJ_NS_75233	NJ	3,843
12387	12387-OTHER TRE JCT-PURINA JCT	32.5		TC642	TRE JCT	TX	HM612	PURINA JCT	TX	108,503
12388	12388-OTHER TRE JCT-BELT JUNCTION	3.8		TC642	TRE JCT	TX	TP213	BELT JUNCTION	TX	392,775
12395	12395-OTHER 4DN_NS - ND4_NS	2.7		4DN	GREENVILLE_NJ_NS_4DN	NJ	ND4	CP-GREEN_NJ_NS_ND4	NJ	36,215
12397	12397-OTHER GATE 8-TOWER 87	3.3		HI001	GATE 8	TX	LS373	TOWER 87	TX	177,160
12398	12398-OTHER TNO JCT-EAST JUNCTION	6.5		B 367	TNO JCT	TX	SO010	EAST JUNCTION	TX	54,293
12400	12400-OTHER DALLERUP-TOWER 85	0.7		HB004	DALLERUP	TX	A 235	TOWER 85	TX	183,627
12402	12402-OTHER HARRISBURG JCT-CONGRESS YARD	5.3		SO000	HARRISBURG JCT	TX	HB003	CONGRESS YARD	TX	169,419
12410	12410-OTHER EC322_UP - EC321_UP	24.3		EC322	YUKON	WI	EC321	EAU CLAIRE	WI	125,928
12416	12416-OTHER EIGHTEENST-ARMSTRONG YARD	7.5		KX005	EIGHTEENST	KS	KX003	ARMSTRONG YARD	KS	1,567,935
12419	12419-OTHER TB114_UP - TB090_UP	24.6		TB114	LIVONIA	LA	TB090	ADDIS	LA	626,921
12421	12421-OTHER A&S JCT_IL_NS_7W-VALLEY JCT	2.0		7W	A&S JCT_IL_NS_7W	IL	C 009	VALLEY JCT	IL	48
12424	12424-OTHER VALLEY JCT-NORTH VALLEY JCT	0.4		C 009	VALLEY JCT	IL	TR207	NORTH VALLEY JCT	IL	871,463
12425	12425-OTHER 99317_NS - 99308_NS	0.3		99317	HOYT JCT_IL_NS_99317	IL	99308	WR INTERLOCKING_IL_NS_99308	IL	186,639
12426	12426-OTHER SH INTERLOCK_IL_-BREMEN	2.3		99307	SH INTERLOCK_IL_NS_99307	IL	TR006	BREMEN	MO	46
12427	12427-OTHER BREMEN-POPLAR STREET	3.2		TR006	BREMEN	MO	TR004	POPLAR STREET	MO	22,110
12430	12430-OTHER B 009_UP - B 000_UP	6.3		B 009	OLMITO	TX	B 000	BROWNSVILLE	TX	92,326
12431	12431-OTHER ST LOUIS-POPLAR SOUTH	1.2		MX001	ST LOUIS	MO	TR054	POPLAR SOUTH	MO	120,338
12433	12433-OTHER SOUTH APPROACH-MACARTHUR BRIDGE	0.5		TR151	SOUTH APPROACH	MO	TR101	MACARTHUR BRIDGE	MO	443,439
12435	12435-OTHER 062454_NS-CP RON_NJ	0.6		062454	PORT READING	NJ	17XG	CP RON_NJ_NS_17XG	NJ	59,617
12437	12437-OTHER Node: 27582-Node: 28320	1.0		061390	LINDEN	NJ	062497	LINDEN	NJ	34,354
12438	12438-OTHER CP RON_NJ_NS_17X-Node: 28327	0.2		17XG	CP RON_NJ_NS_17XG	NJ	062504	PORT READING	NJ	42,263
12439	12439-OTHER Node: 28325-BOUND BROOK_NJ_N	17.9		062502	CARTERET	NJ	30ET	BOUND BROOK_NJ_NS_30ET	NJ	52,052
12440	12440-OTHER 10770_NS - 070661_NS	0.1		10770	SANDUSKY_OH_NS_10770	OH	070661	SANDUSKY	OH	240,998
12441	12441-OTHER WEBER-REDONDO JCT	8.2		AC079	WEBER	CA	JP001	REDONDO JCT	CA	53,434
12442	12442-OTHER WEBER-CP DOLORES	6.5		AC079	WEBER	CA	AC144	CP DOLORES	CA	287,301
12443	12443-OTHER ANAHEIM-LOS NIETOS	16.6		CW220	ANAHEIM	CA	WH009	LOS NIETOS	CA	9,943
12444	12444-OTHER LOS ANGELES J YA-SLAUSON JCT	2.3		JP002	LOS ANGELES J YARD	CA	JP004	SLAUSON JCT	CA	14,949
12445	12445-OTHER FIRESTONE PARK-DOMINGUEZ	6.4		JP008	FIRESTONE PARK	CA	JP014	DOMINGUEZ	CA	6,400
12448	12448-OTHER A 227_UP - SO010_UP	8.7		A 227	BELT JUNC	TX	SO010	EAST JUNCTION	TX	624,474
12449	12449-OTHER TOWER 87-GULF COAST JCT	3.0		LS373	TOWER 87	TX	A 229	GULF COAST JCT	TX	400,920

UP-NS Response to OEA Request #2

Master Segment Table for New Hazmat Traffic (F)

Includes Organic Growth on Baseline for Non-Transaction Analysis

Segment Key	Segment Name	Baseline Organic Growth (5 Years) Carloads	Transaction Growth Carloads ⁶	Year 5 Annual Carloads	Baseline Hazmat (HM) Annual Carloads	Baseline Organic Growth (5 Years) HM Carloads	Transaction Growth HM Carloads ⁶	Year 5 Annual HM Carloads	Either A1 or A2 Flag
12353	12353-OTHER Node: 36087-Node: 36150	4,424	635	41,800	334	40	10	384	NO
12361	12361-OTHER BARON_MI-060287_NS	2,070	9,371	28,631	782	94	10	886	YES
12375	12375-OTHER FR61_NS - 062280_NS	42,204	146,478	539,176	56,318	6,781	8,564	71,663	YES
12379	12379-OTHER RD117_NS - CD190_NS	115,205	173,487	1,245,440	139,583	16,808	8,828	165,219	YES
12380	12380-OTHER CP-116_OH_NS_RD1-Node: 30901	25,425	39,179	275,753	31,594	3,804	1,976	37,374	NO
12386	12386-OTHER Node: 29484-PERTH AMBOY JCT_	463	717	5,023	570	69	29	668	NO
12387	12387-OTHER TRE JCT-PURINA JCT	5,535	161	114,199	10,005	510	102	10,617	NO
12388	12388-OTHER TRE JCT-BELT JUNCTION	20,035	51,957	464,767	24,813	1,266	107	26,186	NO
12395	12395-OTHER 4DN_NS - ND4_NS	4,361	8,017	48,593	3,324	400	499	4,223	NO
12397	12397-OTHER GATE 8-TOWER 87	9,037	33,221	219,418	58,708	2,995	10,358	72,061	NO
12398	12398-OTHER TNO JCT-EAST JUNCTION	2,769	370	57,432	1,751	89	6	1,846	NO
12400	12400-OTHER DALLERUP-TOWER 85	9,367	11,431	204,425	55,811	2,847	606	59,264	NO
12402	12402-OTHER HARRISBURG JCT-CONGRESS YARD	8,642	39,295	217,356	62,646	3,196	641	66,483	NO
12410	12410-OTHER EC322_UP - EC321_UP	6,424	8,624	140,976	20,152	1,028	578	21,758	NO
12416	12416-OTHER EIGHTEENST-ARMSTRONG YARD	79,980	293,145	1,941,060	163,221	8,326	2,893	174,440	NO
12419	12419-OTHER TB114_UP - TB090_UP	31,979	352,478	1,011,378	229,486	11,706	36,109	277,301	YES
12421	12421-OTHER A&S JCT_IL_NS_7W-VALLEY JCT	6	163,249	163,303	0	0	19,672	19,672	YES
12424	12424-OTHER VALLEY JCT-NORTH VALLEY JCT	44,453	292,823	1,208,739	67,226	3,429	13,178	83,833	YES
12425	12425-OTHER 99317_NS - 99308_NS	22,474	3,359	212,472	55,645	6,700	11,532	73,877	YES
12426	12426-OTHER SH INTERLOCK_IL_-BREMEN	6	59,197	59,249	0	0	3,786	3,786	YES
12427	12427-OTHER BREMEN-POPLAR STREET	1,128	160,571	183,809	0	0	10,158	10,158	YES
12430	12430-OTHER B 009_UP - B 000_UP	4,710	1,577	98,613	19,366	988	145	20,499	NO
12431	12431-OTHER ST LOUIS-POPLAR SOUTH	6,138	59,327	185,803	4,876	249	3,537	8,662	NO
12433	12433-OTHER SOUTH APPROACH-MACARTHUR BRIDGE	22,620	209,634	675,693	14,083	718	13,165	27,966	YES
12435	12435-OTHER 062454_NS-CP RON_NJ	7,179	51,009	117,805	37,644	4,533	6,992	49,169	YES
12437	12437-OTHER Node: 27582-Node: 28320	4,137	46,080	84,571	4,809	579	2,015	7,403	YES
12438	12438-OTHER CP RON_NJ_NS_17X-Node: 28327	5,089	53,471	100,823	11,486	1,383	6,814	19,683	YES
12439	12439-OTHER Node: 28325-BOUND BROOK_NJ_N	6,268	44,395	102,715	31,021	3,735	5,996	40,752	YES
12440	12440-OTHER 10770_NS - 070661_NS	29,019	334,329	604,346	4,196	505	5,929	10,630	YES
12441	12441-OTHER WEBER-REDONDO JCT	2,726	10,186	66,346	5,690	290	87	6,067	NO
12442	12442-OTHER WEBER-CP DOLORES	14,655	60,996	362,952	23,442	1,196	333	24,971	NO
12443	12443-OTHER ANAHEIM-LOS NIETOS	507	1,374	11,824	1,963	100	24	2,087	NO
12444	12444-OTHER LOS ANGELES J YA-SLAUSON JCT	763	191	15,903	4,197	214	122	4,533	NO
12445	12445-OTHER FIRESTONE PARK-DOMINGUEZ	326	125	6,851	2,490	127	132	2,749	NO
12448	12448-OTHER A 227_UP - SO010_UP	31,854	59,712	716,040	100,680	5,136	1,673	107,489	NO
12449	12449-OTHER TOWER 87-GULF COAST JCT	20,451	50,877	472,248	124,233	6,337	3,571	134,141	NO

UP-NS Response to OEA Request #2

Master Segment Table for New Hazmat Traffic (F)

Includes Organic Growth on Baseline for Non-Transaction Analysis

Segment Key	Segment Name	Segment Distance (GIS miles) ¹ Rounded to 1st Decimal	NOTE	Start Station	Start City/Station	Start State	End Station	End City/Station	End State	Baseline Annual Carloads
12450	12450-OTHER BROADWAY-MINNESOTA AVE	1.3		O 003	BROADWAY	MO	O 004	MINNESOTA AVE	KS	717,685
12454	12454-OTHER KCBN EAST SCANNE-SHEFFIELD	8.4		BNSF1	KCBN EAST SCANNER_MO_NS_BNSF1	MO	L 513	SHEFFIELD	MO	15,839
12455	12455-OTHER 064369_NS - 064390_NS	4.0		064369	SHARON	PA	064390	MASURY	OH	37,266
12456	12456-OTHER Node: 30204-Node: 30185	0.5		064388	SHARON	PA	064369	SHARON	PA	42,813
12459	12459-OTHER BOUND BROOK_NJ-CP-ALDENE_NJ	16.4		30ET	BOUND BROOK_NJ_NS_30ET	NJ	LE17	CP-ALDENE_NJ_NS_LE17	NJ	247,350
12460	12460-OTHER 068399_NS-S FRONT STREET_N	0.1		068399	ELIZABETH	NJ	1BG	S FRONT STREET_NJ_NS_1BG	NJ	44,569
12461	12461-OTHER ST JOHNS JCT-ST JOHNS JCT	10.0		OP501	ST JOHNS JCT	OR	OP501	ST JOHNS JCT	OR	90,597
12464	12464-OTHER SP JUNCTION-SP JUNCTION	4.6		TP212	SP JUNCTION	TX	TP212	SP JUNCTION	TX	67,356
12467	12467-OTHER G 153_UP - MX276_UP	0.8		G 153	CONGO	MO	MX276	ROCK CREEK JCT	MO	376,387
12469	12469-OTHER WEST KC JCT-WEST KC JCT	3.7		NZ316	WEST KC JCT	IA	NZ316	WEST KC JCT	IA	337,242
12471	12471-OTHER THENARD-THENARD	4.8		CS518	THENARD	CA	CS518	THENARD	CA	309,576
12475	12475-OTHER S FRONT STREET-062497_NS	3.9		1BG	S FRONT STREET_NJ_NS_1BG	NJ	062497	LINDEN	NJ	37,311
12476	12476-OTHER LE9_NS - 1NE_NS	1.7		LE9	OAK ISLAND_NJ_NS_LE9	NJ	1NE	NEWARK WILSON AVE_NJ_NS_1NE	NJ	4,563
12477	12477-OTHER VC6_NS - 22036_NS	1.1		VC6	VC BELT JUNCTION_IL_NS_VC6	IL	22036	NATIONAL CITY_IL_NS_22036	IL	5,077
12478	12478-OTHER ECORSE JCT_MI_NS-ECORSE JCT_MI_NS	1.1		1FW	ECORSE JCT_MI_NS_1FW	MI	1FW	ECORSE JCT_MI_NS_1FW	MI	30,776
12482	12482-LIVONIA SUB	12.1		TB028	TAFT	LA	TB015	LIVE OAK JCT	LA	386,807
12496	12496-OTHER CP RON_NJ-PERTH AMBOY	3.1		17XG	CP RON_NJ_NS_17XG	NJ	75233	PERTH AMBOY JCT_NJ_NS_75233	NJ	11,687
12499	12499-OTHER LINDEN_NJ-061390_NS	4.6		2LD	LINDEN_NJ_NS_2LD	NJ	061390	LINDEN	NJ	3,608
12500	12500-OTHER 061390_NS-062502_NS	0.9		061390	LINDEN	NJ	062502	CARTERET	NJ	39,990
12502	12502-OTHER 068431_NS-AVENEL_NJ	0.8		068431	AVENEL	NJ	1RX	AVENEL_NJ_NS_1RX	NJ	1,987
12513	12513-OTHER KYO_NS-FB54_NS	0.5		KYO	GIBSON_MI_NS_KYO	MI	FB54	CP-BO_MI_NS_FB54	MI	267
12526	12526-OTHER OGDEN AVENUE-OGDEN JCT	2.0	3	UW5	OGDEN AVENUE JCT_IL_NS_UW5	IL	GO002	OGDEN JCT	IL	172,341
12527	12527-OTHER ARMSTRONG YARD-BROADWAY	3.3		KX003	ARMSTRONG YARD	KS	O 003	BROADWAY	MO	1,333,772
12528	12528-OTHER MINNESOTA AVE-ARMSTRONG YARD	1.7		O 004	MINNESOTA AVE	KS	KX003	ARMSTRONG YARD	KS	169,987
12530	12530-OTHER BETHLEHEM_PA-CP-JU_PA	0.3		LE84	BETHLEHEM_PA_NS_LE84	PA	LB88	CP-JU_PA_NS_LB88	PA	110,422
12531	12531-OTHER MACARTHUR BRIDGE-NORTH VALLEY JCT	1.8		TR101	MACARTHUR BRIDGE	MO	TR207	NORTH VALLEY JCT	IL	410,940
12532	12532-OTHER NORTH VALLEY JCT-WILLOWS	3.3		TR207	NORTH VALLEY JCT	IL	TR203	WILLOWS	IL	460,524
12535	12535-OTHER PHILA TERM_PA-CP-PENROSE_PA	3.2		4HD	PHILA S PHILA TERM_PA_NS_4HD	PA	3HD	CP-PENROSE_PA_NS_3HD	PA	13,101
12537	12537-OTHER CP-FIELD_PA-PEMBROKE AVE_PA	3.1		ZF0	CP-FIELD_PA_NS_ZF0	PA	6NQ	PEMBROKE AVE_PA_NS_6NQ	PA	773
12539	12539-HARRISBURG LINE	4.4		HP3	PHILA BELMONT_PA_NS_HP3	PA	80TA	PHILA BUTLER STREET_PA_NS_80TA	PA	62,827
12542	12542-OTHER: SI18_NS - 72583_NS	10.0		SI18	CARLISLE_PA_NS_SI18	PA	72583	MECHANICSBURG_PA_NS_72583	PA	15,360
12545	12545-OTHER: LG0_NS - 060409_NS	0.3		LG0	FRONT STREET_PA_NS_LG0	PA	060409	HARRISBURG	PA	80,184
12549	12549-TRACKAGE - AMTRAK NE CORRIDOR HE1_NS - 06	8.0		HE1	EDGEMOOR_DE_NS_HE1	DE	062667	MARCUS HOOK	PA	16,841
12550	12550-TRACKAGE - AMTRAK NE CORRIDOR 062667_NS -	14.0		062667	MARCUS HOOK	PA	062656	PHILADELPHIA	PA	56,830
12551	12551-TRACKAGE - AMTRAK NE CORRIDOR 062656_NS -	15.5		062656	PHILADELPHIA	PA	87AM	PHILADELPHIA_PA_NS_87AM	PA	143
12557	12557-OTHER NE34_NS - 572_NS	32.8		NE34	JUNIOR STATE_GA_NS_NE34	GA	572	LULA_GA_NS_572	GA	22,718

UP-NS Response to OEA Request #2

Master Segment Table for New Hazmat Traffic (F)

Includes Organic Growth on Baseline for Non-Transaction Analysis

Segment Key	Segment Name	Baseline Organic Growth (5 Years) Carloads	Transaction Growth Carloads ⁶	Year 5 Annual Carloads	Baseline Hazmat (HM) Annual Carloads	Baseline Organic Growth (5 Years) HM Carloads	Transaction Growth HM Carloads ⁶	Year 5 Annual HM Carloads	Either A1 or A2 Flag
12450	12450-OTHER BROADWAY-MINNESOTA AVE	36,609	64,635	818,929	66,294	3,382	2,976	72,652	NO
12454	12454-OTHER KCBN EAST SCANNE-SHEFFIELD	1,907	12,024	29,770	388	47	297	732	YES
12455	12455-OTHER 064369_NS - 064390_NS	4,487	3,027	44,780	466	56	900	1,422	NO
12456	12456-OTHER Node: 30204-Node: 30185	5,155	3,082	51,050	511	62	900	1,473	NO
12459	12459-OTHER BOUND BROOK_NJ-CP-ALDENE_NJ	29,784	82,593	359,727	17,511	2,109	1,498	21,118	YES
12460	12460-OTHER 068399_NS-S FRONT STREET_N	5,367	47,637	97,573	7,315	881	2,329	10,525	YES
12461	12461-OTHER ST JOHNS JCT-ST JOHNS JCT	4,621	3,903	99,121	3,608	184	24	3,816	NO
12464	12464-OTHER SP JUNCTION-SP JUNCTION	3,436	6,380	77,172	4,404	225	6	4,635	NO
12467	12467-OTHER G 153_UP - MX276_UP	19,200	41,429	437,016	7,711	393	1,258	9,362	NO
12469	12469-OTHER WEST KC JCT-WEST KC JCT	17,203	45,584	400,029	46,968	2,396	3,599	52,963	NO
12471	12471-OTHER THENARD-THENARD	15,791	16,186	341,553	1,205	61	1	1,267	NO
12475	12475-OTHER S FRONT STREET-062497_NS	4,493	46,532	88,336	5,534	666	2,105	8,305	YES
12476	12476-OTHER LE9_NS - 1NE_NS	549	211	5,323	68	8	78	154	NO
12477	12477-OTHER VC6_NS - 22036_NS	611	-229	5,459	12	1	203	216	NO
12478	12478-OTHER ECORSE JCT_MI_NS-ECORSE JCT_MI_NS	3,706	2,730	37,212	2,905	350	147	3,402	NO
12482	12482-LIVONIA SUB	19,731	321,888	728,426	96,562	4,926	35,949	137,437	YES
12496	12496-OTHER CP RON_NJ-PERTH AMBOY	1,407	4,292	17,386	3,083	371	2,510	5,964	NO
12499	12499-OTHER LINDEN_NJ-061390_NS	434	6,465	10,507	3,380	407	4,436	8,223	YES
12500	12500-OTHER 061390_NS-062502_NS	4,815	52,886	97,691	9,783	1,178	6,637	17,598	YES
12502	12502-OTHER 068431_NS-AVENEL_NJ	239	536	2,762	1,478	178	150	1,806	NO
12513	12513-OTHER KYO_NS-FB54_NS	32	158	457	0	0	19	19	NO
12526	12526-OTHER OGDEN AVENUE-OGDEN JCT	20,752	493,562	686,655	13,772	1,658	32,948	48,378	YES
12527	12527-OTHER ARMSTRONG YARD-BROADWAY	68,036	298,037	1,699,845	135,557	6,915	3,006	145,478	YES
12528	12528-OTHER MINNESOTA AVE-ARMSTRONG YARD	8,671	-3,219	175,439	16,405	837	572	17,814	NO
12530	12530-OTHER BETHLEHEM_PA-CP-JU_PA	13,296	41,334	165,052	12,849	1,547	2,288	16,684	NO
12531	12531-OTHER MACARTHUR BRIDGE-NORTH VALLEY JCT	20,962	241,535	673,437	14,137	721	13,138	27,996	YES
12532	12532-OTHER NORTH VALLEY JCT-WILLOWS	23,491	51,286	535,301	53,090	2,708	39	55,837	YES
12535	12535-OTHER PHILA TERM_PA-CP-PENROSE_PA	1,578	33,443	48,122	1,990	240	18,072	20,302	YES
12537	12537-OTHER CP-FIELD_PA-PEMBROKE AVE_PA	93	20	886	0	0	12	12	NO
12539	12539-HARRISBURG LINE	7,565	55,181	125,573	22,187	2,672	14,135	38,994	YES
12542	12542-OTHER: SI18_NS - 72583_NS	1,850	104	17,314	650	78	2	730	NO
12545	12545-OTHER: LG0_NS - 060409_NS	9,655	54,563	144,402	5,155	621	1,525	7,301	YES
12549	12549-TRACKAGE - AMTRAK NE CORRIDOR HE1_NS - 06	2,028	1,539	20,408	574	69	72	715	NO
12550	12550-TRACKAGE - AMTRAK NE CORRIDOR 062667_NS -	6,843	934	64,607	36,037	4,339	249	40,625	NO
12551	12551-TRACKAGE - AMTRAK NE CORRIDOR 062656_NS -	17	3,909	4,069	13	2	1,792	1,807	YES
12557	12557-OTHER NE34_NS - 572_NS	2,736	2,151	27,605	58	7	39	104	NO

UP-NS Response to OEA Request #2

Master Segment Table for New Hazmat Traffic (F)

Includes Organic Growth on Baseline for Non-Transaction Analysis

Segment Key	Segment Name	Segment Distance (GIS miles) ¹ Rounded to 1st Decimal	NOTE	Start Station	Start City/Station	Start State	End Station	End City/Station	End State	Baseline Annual Carloads
12563	12563-OTHER GV920_UP - GV901_UP	1.1		GV920	VELSICOL	TX	GV901	SHIPBACK	TX	117,951
12564	12564-OTHER GV028_UP - GV022_UP	7.7		GV028	BAYPORT	TX	GV022	STRANG	TX	73,591
12565	12565-OTHER CD260_NS - 07026_NS	7.8		CD260	LA CARNE_OH_NS_CD260	OH	07026	OAK HARBOR_OH_NS_07026	OH	24,389
12578	12578-OTHER G153_NS - G152_NS	1.1		G153	LANGDALE YARD_GA_NS_G153	GA	G152	VALDOSTA_GA_NS_G152	GA	254,805
12579	12579-OTHER G152_NS - 069818_NS	48.6		G152	VALDOSTA_GA_NS_G152	GA	069818	WHITE SPRINGS	FL	32,743
12584	12584-OTHER HP56_NS - 062270_NS	0.9		HP56	TITUS_PA_NS_HP56	PA	062270	READING	PA	4,224
12586	12586-OTHER 00127_NS - OY1_NS	2.1		00127	NP_OH_NS_00127	OH	OY1	ASHTABULA HARBOR_OH_NS_OY1	OH	3,932
12598	12598-OTHER 062782_NS - PT44_NS	26.3		062782	LANCASTER	PA	PT44	PARKESBURG_PA_NS_PT44	PA	2,031
12602	12602-OTHER LB88_NS - LB87_NS	3.7		LB88	CP-JU_PA_NS_LB88	PA	LB87	ALLENTOWN_PA_NS_LB87	PA	116,622
12610	12610-OTHER 10655_NS - CJ137_NS	5.9		10655	BANNON_OH_NS_10655	OH	CJ137	CABIN_OH_NS_CJ137	OH	143,312
12612	12612-OTHER ND0_NS - 062465_NS	1.7		ND0	CP-NAVE_NJ_NS_ND0	NJ	062465	JERSEY CITY	NJ	549
12617	12617-OTHER 2PG_NS - 7PG_NS	3.5		2PG	KEARNY_NJ_NS_2PG	NJ	7PG	CP-STOCK_NJ_NS_7PG	NJ	669
12622	12622-OTHER 12ET_NS - 5WJ_NS	1.9		12ET	ELIZABETH_NJ_NS_12ET	NJ	5WJ	ELIZABETHPORT_NJ_NS_5WJ	NJ	12,878
12623	12623-OTHER 5WJ_NS - 2RG_NS	3.8		5WJ	ELIZABETHPORT_NJ_NS_5WJ	NJ	2RG	DOREMUS AUTO RAMP_NJ_NS_2RG	NJ	53,693
12625	12625-OTHER 066362_NS - ND5_NS	0.3		066362	NEWARK	NJ	ND5	UPPER BAY_NJ_NS_ND5	NJ	36,215
12634	12634-OTHER B 000_UP - B 025_UP	23.7		B 000	BROWNSVILLE	TX	B 025	HARLINGEN	TX	26,401
12635	12635-OTHER B 025_UP - B 009_UP	17.2		B 025	HARLINGEN	TX	B 009	OLMITO	TX	81,215
12638	12638-OTHER CS518_UP - AC144_UP	2.5		CS518	THENARD	CA	AC144	CP DOLORES	CA	66,492
12639	12639-OTHER JP017_UP - CS518_UP	1.3		JP017	ICTF	CA	CS518	THENARD	CA	221,916
12640	12640-DANVILLE DISTRICT (L & O LINES) 376_NS -	15.8		376	AT&O JUNCTION_NC_NS_376	NC	E18	CALDWELL_NC_NS_E18	NC	2,817
12641	12641-DANVILLE DISTRICT (L & O LINES) E18_NS -	11.5		E18	CALDWELL_NC_NS_E18	NC	L55	MOORESVILLE_NC_NS_L55	NC	332
12642	12642-DANVILLE DISTRICT (L & O LINES) L12_NS -	9.8		L12	CLEMMONS_NC_NS_L12	NC	K30	WINSTON-SALEM JCT_NC_NS_K30	NC	163
12645	12645-OTHER LB487_UP - LB432_UP	53.5		LB487	GILLESPIE	AZ	LB432	PHOENIX	AZ	15,889
12650	12650-OTHER G 145_UP - G 153_UP	6.6		G 145	ETON	MO	G 153	CONGO	MO	376,431
12652	12652-OTHER 2NZ_NS - 063271_NS	15.8		2NZ	CP-CROXTON_NJ_NS_2NZ	NJ	063271	GLEN ROCK	NJ	15,018
12653	12653-OTHER SQ31_NS - MX3_NS	3.1		SQ31	SUFFERN SCANNER_NY_NS_SQ31	NY	MX3	TALLMANS_NY_NS_MX3	NY	1,219
12659	12659-OTHER HI5_NS - 063584_NS	2.0		HI5	HARRISON_NJ_NS_HI5	NJ	063584	KEARNY	NJ	460
12660	12660-OTHER 063584_NS - LE9_NS	5.4		063584	KEARNY	NJ	LE9	OAK ISLAND_NJ_NS_LE9	NJ	135,600
12666	12666-OTHER JS66_NS - JS64_NS	4.0		JS66	CAMPBELL HALL_NY_NS_JS66	NY	JS64	CP-HUDSON_NY_NS_JS64	NY	14,349
12669	12669-OTHER 01089_NS - 015511_NS	0.8		01089	LIMA_OH_NS_01089	OH	015511	LIMA	OH	14,424
12681	12681-OTHER 25086_NS - 066092_NS	4.2		25086	MARKHAM_IL_NS_25086	IL	066092	RIVERDALE	IL	30,890
12683	12683-OTHER QP294_NS - QP293_NS	0.7		QP294	RIVERDALE_IL_NS_QP294	IL	QP293	DOLTON_IL_NS_QP293	IL	40,656
12684	12684-OTHER CC378_NS - 3K_NS	1.3		CC378	WEST ROME_GA_NS_CC378	GA	3K	FAIRBANKS JUNCTION_GA_NS_3K	GA	27,274
12686	12686-OTHER CC382_NS - 12K_NS	2.7		CC382	KRANNERT JUNCTION_GA_NS_CC382	GA	12K	POWER_GA_NS_12K	GA	12,707
12690	12690-OTHER 04159_NS - CD482_NS	12.5		04159	MICHIGAN CITY_IN_NS_04159	IN	CD482	PORTER_IN_NS_CD482	IN	1,961
12702	12702-OTHER AT003_UP - AT009_UP	1.5		AT003	CHICAGO IMX	IL	AT009	BRIGHTON PARK	IL	38,901

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Master Segment Table for New Hazmat Traffic (F)

Includes Organic Growth on Baseline for Non-Transaction Analysis

Segment Key	Segment Name	Baseline Organic Growth (5 Years) Carloads	Transaction Growth Carloads ⁶	Year 5 Annual Carloads	Baseline Hazmat (HM) Annual Carloads	Baseline Organic Growth (5 Years) HM Carloads	Transaction Growth HM Carloads ⁶	Year 5 Annual HM Carloads	Either A1 or A2 Flag
12563	12563-OTHER GV920_UP - GV901_UP	6,017	7,277	131,245	56,884	2,902	2,766	62,552	NO
12564	12564-OTHER GV028_UP - GV022_UP	3,754	4,753	82,098	35,596	1,816	1,650	39,062	NO
12565	12565-OTHER CD260_NS - 07026_NS	2,937	5,204	32,530	664	80	35	779	NO
12578	12578-OTHER G153_NS - G152_NS	30,682	66,561	352,048	27,583	3,321	957	31,861	NO
12579	12579-OTHER G152_NS - 069818_NS	3,943	3,609	40,295	17,002	2,047	381	19,430	NO
12584	12584-OTHER HP56_NS - 062270_NS	509	29	4,762	788	95	27	910	NO
12586	12586-OTHER 00127_NS - OY1_NS	473	475	4,880	226	27	327	580	NO
12598	12598-OTHER 062782_NS - PT44_NS	245	2	2,278	152	18	2	172	NO
12602	12602-OTHER LB88_NS - LB87_NS	14,043	41,399	172,064	12,849	1,547	2,288	16,684	NO
12610	12610-OTHER 10655_NS - CJ137_NS	17,257	49,653	210,222	15,621	1,881	1,071	18,573	NO
12612	12612-OTHER NDO_NS - 062465_NS	66	55	670	0	0	20	20	NO
12617	12617-OTHER 2PG_NS - 7PG_NS	81	122	872	0	0	39	39	NO
12622	12622-OTHER 12ET_NS - 5WJ_NS	1,551	1,551	15,980	245	30	361	636	NO
12623	12623-OTHER 5WJ_NS - 2RG_NS	6,465	13,109	73,267	6,041	727	1,861	8,629	NO
12625	12625-OTHER 066362_NS - ND5_NS	4,361	8,017	48,593	3,324	400	499	4,223	NO
12634	12634-OTHER B 000_UP - B 025_UP	1,347	749	28,497	6,138	313	51	6,502	NO
12635	12635-OTHER B 025_UP - B 009_UP	4,143	1,103	86,461	16,022	817	112	16,951	NO
12638	12638-OTHER CS518_UP - AC144_UP	3,392	13,136	83,020	9,387	479	612	10,478	NO
12639	12639-OTHER JP017_UP - CS518_UP	11,320	46,367	279,603	19,962	1,018	287	21,267	NO
12640	12640-DANVILLE DISTRICT (L & O LINES) 376_NS -	339	-1	3,155	9	1	1	11	NO
12641	12641-DANVILLE DISTRICT (L & O LINES) E18_NS -	40	0	372	2	0	1	3	NO
12642	12642-DANVILLE DISTRICT (L & O LINES) L12_NS -	20	0	183	0	0	1	1	NO
12645	12645-OTHER LB487_UP - LB432_UP	810	25	16,724	1,782	91	9	1,882	NO
12650	12650-OTHER G 145_UP - G 153_UP	19,202	41,429	437,062	7,711	393	1,258	9,362	NO
12652	12652-OTHER 2NZ_NS - 063271_NS	1,808	-379	16,447	3,177	383	84	3,644	NO
12653	12653-OTHER SQ31_NS - MX3_NS	147	82	1,448	0	0	78	78	NO
12659	12659-OTHER HI5_NS - 063584_NS	55	74	589	0	0	31	31	NO
12660	12660-OTHER 063584_NS - LE9_NS	16,328	33,943	185,871	9,208	1,109	1,111	11,428	NO
12666	12666-OTHER JS66_NS - JS64_NS	1,728	-400	15,677	3,163	381	65	3,609	NO
12669	12669-OTHER 01089_NS - 015511_NS	1,737	4,169	20,330	4,299	518	1,284	6,101	NO
12681	12681-OTHER 25086_NS - 066092_NS	3,720	2,011	36,621	435	52	627	1,114	NO
12683	12683-OTHER QP294_NS - QP293_NS	4,896	34,567	80,119	4,619	556	1	5,176	YES
12684	12684-OTHER CC378_NS - 3K_NS	3,284	1,574	32,132	852	103	227	1,182	NO
12686	12686-OTHER CC382_NS - 12K_NS	1,530	525	14,762	454	55	76	585	NO
12690	12690-OTHER 04159_NS - CD482_NS	236	1,442	3,639	0	0	1,329	1,329	YES
12702	12702-OTHER AT003_UP - AT009_UP	1,984	-4,023	36,862	3,552	181	1,162	4,895	NO

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Master Segment Table for New Hazmat Traffic (F)

Includes Organic Growth on Baseline for Non-Transaction Analysis

Segment Key	Segment Name	Segment Distance (GIS miles) ¹ Rounded to 1st Decimal	NOTE	Start Station	Start City/Station	Start State	End Station	End City/Station	End State	Baseline Annual Carloads
12710	12710-OTHER 062280_NS - AF9_NS	0.6		062280	WYOMISSING	PA	AF9	LEISEY_PA_NS_AF9	PA	108,409
12715	12715-OTHER 062478_NS - 4DN_NS	2.6		062478	JERSEY CITY	NJ	4DN	GREENVILLE_NJ_NS_4DN	NJ	12,746
12716	12716-OTHER 02445_NS - 99317_NS	4.3		02445	A&S_IL_NS_02445	IL	99317	HOYT_JCT_IL_NS_99317	IL	0
12718	12718-OTHER 99307_NS - 5W_NS	3.7		99307	SH INTERLOCK_IL_NS_99307	IL	5W	SOUTHERN CROSSING_IL_NS_5W	IL	0
12720	12720-OTHER 99308_NS - VC6_NS	3.0		99308	WR INTERLOCKING_IL_NS_99308	IL	VC6	VC BELT JUNCTION_IL_NS_VC6	IL	5,238
12722	12722-OTHER HB008_UP - A 229_UP	1.1		HB008	PIERCE	TX	A 229	GULF COAST JCT	TX	136,865
12723	12723-OTHER A 229_UP - A 227_UP	1.3		A 229	GULF COAST JCT	TX	A 227	BELT JUNC	TX	336,552
12725	12725-OTHER SO011_UP - SO003_UP	1.1		SO011	WEST JUNCTION	TX	SO003	SPENCE	TX	584,646
12728	12728-OTHER MI143_NS - 064388_NS	0.9		MI143	SHARON_PA_NS_MI143	PA	064388	SHARON	PA	50,077
12731	12731-OTHER 066102_NS - LE9_NS	1.5		066102	NEWARK	NJ	LE9	OAK ISLAND_NJ_NS_LE9	NJ	36,163
12738	12738-OTHER B 644_UP - TB114_UP	22.8		B 644	ANCHORAGE	LA	TB114	LIVONIA	LA	121,040
12739	12739-OTHER 070661_NS - 10769_NS	1.5		070661	SANDUSKY	OH	10769	CR CONNECTION_OH_NS_10769	OH	93,872
12744	12744-OTHER CPR11_NS - UW5_NS	0.7		CPR11	CP-CRAGIN_IL_NS_CPR11	IL	UW5	OGDEN AVENUE JCT_IL_NS_UW5	IL	122,848
12745	12745-OTHER UW5_NS - 065033_NS	1.5	3	UW5	OGDEN AVENUE JCT_IL_NS_UW5	IL	065033	CHICAGO	IL	128,701
12748	12748-OTHER 065311_NS - UW5_NS	0.5		065311	CHICAGO	IL	UW5	OGDEN AVENUE JCT_IL_NS_UW5	IL	254,841
12753	12753-OTHER 065033_NS - UW2_NS	1.9	3	065033	CHICAGO	IL	UW2	CHICAGO ASHLAND AVE_IL_NS_UW2	IL	131,834
12754	12754-OTHER UW2_NS - CD518_NS	1.6	3	UW2	CHICAGO ASHLAND AVE_IL_NS_UW2	IL	CD518	CP-518_IL_NS_CD518	IL	432,882
12755	12755-OTHER CD517_NS - 066262_NS	3.0		CD517	CHICAGO 47TH ST TV_IL_NS_CD517	IL	066262	CHICAGO	IL	0
15000	15000-OTHER ZC394_UP-XC024_UP	59.1		ZC394	CHAFFEE MO_UP	MO	XC024	NEW MADRID MO_UP	MO	29,529

UP-NS Response to OEA Request #2

Master Segment Table for New Hazmat Traffic (F)

Includes Organic Growth on Baseline for Non-Transaction Analysis

Segment Key	Segment Name	Baseline Organic Growth (5 Years) Carloads	Transaction Growth Carloads ⁶	Year 5 Annual Carloads	Baseline Hazmat (HM) Annual Carloads	Baseline Organic Growth (5 Years) HM Carloads	Transaction Growth HM Carloads ⁶	Year 5 Annual HM Carloads	Either A1 or A2 Flag
12710	12710-OTHER 062280_NS - AF9_NS	13,054	24,384	145,847	44,087	5,309	630	50,026	NO
12715	12715-OTHER 062478_NS - 4DN_NS	1,535	6,709	20,990	1,128	136	28	1,292	NO
12716	12716-OTHER 02445_NS - 99317_NS	0	35,998	35,998	0	0	12,193	12,193	YES
12718	12718-OTHER 99307_NS - 5W_NS	0	8,070	8,070	0	0	2,734	2,734	YES
12720	12720-OTHER 99308_NS - VC6_NS	631	-24	5,845	13	2	223	238	NO
12722	12722-OTHER HB008_UP - A 229_UP	6,981	1,406	145,252	37,340	1,905	767	40,012	NO
12723	12723-OTHER A 229_UP - A 227_UP	17,168	15,894	369,614	97,831	4,990	4,722	107,543	NO
12725	12725-OTHER SO011_UP - SO003_UP	29,823	53,464	667,933	68,193	3,479	666	72,338	NO
12728	12728-OTHER MI143_NS - 064388_NS	6,030	4,225	60,332	644	78	1,774	2,496	NO
12731	12731-OTHER 066102_NS - LE9_NS	4,354	8,062	48,579	3,324	400	499	4,223	NO
12738	12738-OTHER B 644_UP - TB114_UP	6,174	65,970	193,184	37,743	1,925	20,186	59,854	YES
12739	12739-OTHER 070661_NS - 10769_NS	11,303	65,238	170,413	449	54	2,632	3,135	NO
12744	12744-OTHER CPR11_NS - UW5_NS	14,793	5,257	142,898	28,556	3,439	6,256	38,251	NO
12745	12745-OTHER UW5_NS - 065033_NS	15,497	275,914	420,112	11,887	1,431	16,580	29,898	YES
12748	12748-OTHER 065311_NS - UW5_NS	30,686	206,476	492,003	51,248	6,171	21,650	79,069	YES
12753	12753-OTHER 065033_NS - UW2_NS	15,875	275,914	423,623	12,445	1,499	16,579	30,523	YES
12754	12754-OTHER UW2_NS - CD518_NS	52,125	208,639	693,646	37,728	4,543	9,227	51,498	YES
12755	12755-OTHER CD517_NS - 066262_NS	0	33,850	33,850	0	0	2	2	YES
15000	15000-OTHER ZC394_UP-XC024_UP	1,506	1,478	32,513	1,236	63	431	1,730	NO

UP-NS Response to OEA Request #2

Footnotes to Segment IDs on Tabs "A1 & A2", "A3", "A4", and "F"

Note ID	Segment Key	Applicable Tab	Footnote Description
1	ALL	A1 & A2 F	Mileages reported in this table for certain corridors differ from mileages reported in Applicants' Workpaper "Line Segment Tables from Model vF.xlsx." To prepare maps required for environmental review purposes (i.e., to more precisely identify areas of potential environmental impacts), Applicants supplemented network mileage data used in the ordinary course of business for operations planning with GIS data where they determined GIS data were more precise.
2	ALL	A1 & A2	Gross Ton Miles are reported in Million Gross Ton Miles (mGTMs).
3	12311 12313 12526 12745 12753 12754	A1 & A2 F	Applicants anticipate approximately 14 TPD increase between Ogden Jct. and CP518. Given the complex nature of train routing in the Chicago Metroplex, there are alternate routing options available to the applicants. Applicants anticipate the primary route utilized will be through Ashland Avenue.
4	10081 10102 10161 11564	A1 & A2 F	The planned passenger growth reflected between the Baseline Year and Year 5 is organic growth associated with agreements that are separate from and predate this transaction.
5	12338	A1 & A2	The modeling process connected two lines in Detroit, MI that do not physically connect: 1. NS's Detroit Huntington District between Boat Yard (NS station 09870) and Delray (NS station 09872) 2. NS's overhead rights on Conrail and CPKC between Conrail's CP Scotten and the west end of CPKC's Detroit River tunnel NS does not currently use Route 2 above.
6	ALL	ALL	Organic growth was calculated on the incremental transaction growth and compounded for 5 years to get total Transaction Growth.
7	10459	A1 & A2 F	Segments (1) no longer meets the criteria for A1 after accounting for 5 years of organic growth on the baseline.
8	10161 10200 12086 12349	A1 & A2 F	Segments (4) no longer meets the criteria for A2 after accounting for 5 years of organic growth on the baseline.
9	NX001_UP 242H_NS	A3	Railyards (2) no longer meets the criteria for A3 after accounting for 5 years of organic growth on the baseline.
10	MO486_UP	A4	Intermodal and Auto Ramps (1) no longer meets the criteria for A4 after accounting for 5 years of organic growth on the baseline.