



BUILDING AMERICA®

June 5, 2026

Ms. Danielle Gosselin
 Director, Office of Environmental Assessment
 Surface Transportation Board
 395 E Street, S.W.
 Washington, D.C. 20423

By email at Danielle.Gosselin@stb.gov

Re: Docket No. FD 36854, Union Pacific Railroad Company – Construction and Operation Exemption – in Matagorda County, Texas; Response to Information Request No. 1

Dear Ms. Gosselin:

On behalf of UP, I am responding to the Office of Environmental Assessment's Information Request No. 1. Several requests seek information that is still being developed as project engineering and coordination progress. UP provides the responses below based on the information currently available and will supplement them as additional information becomes available.

RAIL CONSTRUCTION

1.A. REQUEST: Provide description and digital mapping (GIS or KMZ), including cross sections, as applicable, of the proposed rail line and any reasonable alternatives.

1.A. RESPONSE: UP proposes to construct 4.9 miles of new single-track Wadsworth Industrial Lead connecting the Union Pacific Celanese Industrial Lead to LyondellBasell's Matagorda Complex. A new west wye track will connect the Union Pacific Celanese Industrial Lead to an existing stub-ended north-south track at the north end of the new Wadsworth Industrial Lead alignment. The proposed tracks will cross FM 3057, FM 2668, Gilmore Road, FM 2078, and FM 521, all at-grade. Diagnostics will determine the required protection measures, but UP preliminarily anticipates installing crossing lights and gates at each location. To address the at-grade crossings at FM 3057 and FM 2668, a connector access road will be constructed along the south side of the west wye track for emergency use, including in the event of a disabled train blocking the FM 3057 crossing. Stormwater drainage will be conveyed through track-side ditches and 19 culvert crossings to existing drainageways, including two intersections with Lower Colorado River Authority canals to maintain canal continuity. The access road along the west wye track will be fenced and gated at each end, and a security entrance

gate will be constructed at the terminus of the industrial lead at the LyondellBasell facility. See KMZ titled "Wadsworth Industrial Lead (STB Map) - 2026-06-01" and PDF titled "D25_Wadsworth Ind Lead_25 Plans_060426."

1.A.i. REQUEST: Number of tracks.

1.A.i. RESPONSE: The project includes one industrial lead track (4.9 miles) and one west wye track (2,500 feet).

1.A.ii. REQUEST: Elevation above grade.

1.A.ii. RESPONSE: Track will be five (5) to seven (7) feet above existing grade.

1.A.iii. REQUEST: Any at-grade or grade separated crossings.

1.A.iii. RESPONSE: Crossings will all be at-grade at FM 3057, FM 2668, Gilmore Road, FM 2078, and FM 521. See attached PDF titled "Wadsworth At-Grade Xings_25 pct."

1.A.iv. REQUEST: Termini, alignment, and width of any planned access roads.

1.A.iv. RESPONSE: The project will include a 2,500-foot access road, 12 feet wide, adjacent to the west wye track.

1.A.v. REQUEST: Drainage and stormwater management features.

1.A.v. RESPONSE: Stormwater management will include track-side ditches and 19 culvert crossings connecting to existing drainageways.

1.A.vi. REQUEST: Any supporting structures.

1.A.vi. RESPONSE: No supporting structures are currently proposed.

1.A.vii. REQUEST: Other features such as fencing and lighting.

1.A.vii. RESPONSE: Fencing will be installed along the new tracks where required by adjacent land uses, such as cattle pastures. The access road along the west wye track will also be fenced and gated at each end, and a security entrance gate will be constructed at the terminus of the industrial lead at the LyondellBasell facility. Overhead lighting will be installed at all hand-throw turnout locations, and some form of lighting is anticipated at the LyondellBasell entrance.

1.A.viii. REQUEST: If any of these characteristics vary along the length of the proposed rail line, provide descriptions of and/or cross sections of each varying segment.

1.A.viii. RESPONSE: The cross section is consistent along the length of the proposed rail line.

1.B. REQUEST: Provide a description and digital mapping (GIS or KMZ) of the construction plan for the proposed rail line and any reasonable alternatives.

1.B. RESPONSE: The proposed tracks will generally be constructed within the footprint of the proposed right-of-way acquisition. No laydown areas, staging areas, or Temporary Construction Easements ("TCEs") have been identified at this time. Those areas are typically reviewed and established at the 25% Design Walk Through milestone, which is currently planned for early August 2026. Based on the nature of the project footprint and the number of existing access locations, extensive TCEs or staging areas are not currently anticipated. UP will supplement this response as such areas are later identified. Alternatives were considered in the initial design but were not progressed for various reasons. The Alternatives Analysis report was submitted to OEA on December 3, 2025.

1.B.i. REQUEST: Location and size of laydown/staging areas.

1.B.i. RESPONSE: No laydown or staging areas have been identified. These areas are typically reviewed and established at the 25% Design Walk Through milestone, which is currently planned for early August 2026. UPRR will provide this information in fall, 2026.

1.B.ii. REQUEST: Total construction footprint/limit of disturbance (including laydown/staging areas).

1.B.ii. RESPONSE: The total construction footprint is still being determined pending the 25% Design Walk Through. At this time, the proposed tracks are expected to be constructed generally within the footprint of the proposed right-of-way acquisition. UPRR will provide this information in fall, 2026.

1.C. REQUEST: Provide a description and digital mapping (GIS or KMZ), including cross sections, as applicable, or any proposed realignments for the Western Wye.

1.C. RESPONSE: See attached KMZ titled "Wadsworth Industrial Lead (STB Map) - 2026-06-01" and PDF titled "D25_Wadsworth Ind Lead_25 Plans_060426."

1.D. REQUEST: Provide a description and digital mapping (GIS or KMZ), including cross sections, as applicable, of any proposed realignment of Farm to Market Road (FM) 3057.

1.D. RESPONSE: FM 3057 is no longer being proposed for realignment.

1.E. REQUEST: Provide a description and digital mapping (GIS or KMZ), including cross sections, as applicable, of any Lower Colorado River Authority canal crossings.

1.E. RESPONSE: There are two intersections with Lower Colorado River Authority canals. The industrial lead will cross Lower Colorado River Authority canals at St. 166+00 and Sta. 337+00. Culverts have been hydraulically engineered to match or exceed existing flow capacities. See attached PDF titled "Wadsworth LCRA Crossings_25 pct."

1.F. REQUEST: Provide a description and digital mapping (GIS or KMZ), if available, for any proposed utility line relocations.

1.F. RESPONSE: Utilities within the project limit were identified by Subsurface Utility Engineering (SUE) Quality Levels B & C utilizing non-ground disturbing methods. All utilities designated by SUE are included in the file and only the utilities with leaders are anticipated to be in conflict. Conflicts include ten (10) pipelines, ten (10) overhead electrical wirelines, and six (6) telecommunication wirelines. See KMZ attached "UP_Wadsworth Ind Lead_Utility Conflict Exhibit."

1.G. REQUEST: Provide digital mapping (GIS or KMZ) of the existing railroad right-of-way along the Celanese Industrial Lead that connects to the Western Wye, including ownership and any known easements or use restrictions.

1.G. RESPONSE: See attached KMZ titled "RR ROW 6.1.26.KMZ".

1.H. REQUEST: Provide digital mapping (GIS or KMZ) of the existing right-of-way for the Cities Service Track, Farm to Market Road (FM) 2668, and the width of any proposed right-of-way.

1.H. RESPONSE: See KMZ titled "RR ROW 6.1.26.KMZ".

1.I. REQUEST: Provide a description of the construction methods and activities, including depth of excavation, and an estimate of the construction period duration and the sequence of construction activities.

1.I. RESPONSE: The west wye track and industrial lead track will be constructed generally as follows: existing ground will be cleared of trees, stumps, undergrowth, brush, trash, grass, weeds, roots, concrete, debris, and other objectionable materials within the grading limits. Roots and other vegetation below the finished surface will be removed to a depth of 2 feet and backfilled. Mass grading will then begin, and the track-bearing subgrade will be stabilized and prepared for embankment. Drainage culverts will be installed and covered. Subballast will be placed and compacted on the final finished grade. At-grade road crossings will be modified and prepared. Track and turnouts will be assembled and welded. Ballast will then be delivered, and the tracks will be surfaced to final elevation. Approximate durations for the major construction phases are listed below. These timelines will overlap, and the total construction duration is estimated at 14 to 16 months.

- Clearing and Grubbing – 1-2 months
- Mass Grading/Earthwork – 4-6 months
- Subgrade Stabilization – 2-3 months
- Drainage/Culvert Installation – 5-7 months
- Subballast Installation – 3-4 months
- Track Construction and Surfacing – 5-7 months
- Road Work – 6-8 months

1.J. REQUEST: Provide a list or general description of the anticipated construction equipment and an estimate of the quantity of construction materials to be used. Please also describe how construction materials, including rail, ties, and ballast, would be delivered to the site (rail, truck, or a combination of both) and the anticipated travel routes.

1.J. RESPONSE: Dozers, excavators, motor graders, scrapers, dump trucks, water trucks, compactors, front-end loaders, ballast trains, ballast regulators, and tampers will be used for earthwork and track construction. The project will require approximately 10.5 miles of new rail, 24,000 cubic yards of excavation, 99,000 cubic yards of embankment, 2,800 linear feet of steel culverts, and additional supporting track materials. Rail will be delivered by train. The remaining materials will be delivered by truck via the surrounding highway network, likely from the north using TX 60 to FM 2668, although actual construction planning and routing will not be finalized until the project is bid.

1.K. REQUEST: Describe any property acquisition required for the proposed rail line.

1.K. RESPONSE: See attached KMZ titled "Wadsworth Industrial Lead (STB Map) - 2026-06-01."

RAIL OPERATIONS

2.A. REQUEST: Provide the anticipated hours of train operations, specifying whether trains would operate during nighttime hours.

2.A. RESPONSE: Train operations could occur at any time; however, UP currently anticipates that service would occur during daytime hours. The indicative operating cycle is as follows:

- 30 minutes from the existing network over the new route to LYB
- Approximately 3 hours to arrive, perform switching/work, and depart LYB
- 30 minutes from LYB over the new route back to the existing network
- Approximately a 4-hour operating cycle

2.B. REQUEST: Provide estimates of the average number of locomotives per train, the average number of railcars per train, the average total length (in feet) of trains, and the anticipated average train speed.

2.B. RESPONSE: UP currently anticipates the following average operating characteristics for trains serving the proposed line:

- 2 to 3 locomotives per train
- Approximately 25 to 35 cars per day
- Train length of approximately 1,800 to 2,500 feet

- Assumed operating speed of approximately 15 mph

2.C. REQUEST: Provide information on the anticipated locomotive types and EPA emissions tiers, if available, and a description of the anticipated locomotive idling practices.

2.C. RESPONSE: UP currently anticipates the following locomotive information and operating practices:

- Locomotive type: SD40N
- Emissions tier: 0+
- Standard idling practices, including locomotive shutdown rules and applicable regulatory requirements

2.D. REQUEST: Indicate whether railcars would contain hazardous materials and, if so, identify the general types of materials.

2.D. RESPONSE: Hazardous materials are expected to account for only an occasional and limited portion of traffic (less than 5%), with most of the volume consisting of plastics in hopper cars. Hazardous materials traffic is expected to be fewer than 200 cars per year. UP currently anticipates that hazardous materials that could be shipped on the line will be related to polyethylene production, which includes, but is not limited to; butylene, hexane, and liquified petroleum gas.

2.E. REQUEST: Provide a description of anticipated operations on a typical day five years after the date of the anticipated year of issuance of a final decision by the Board.

2.E. RESPONSE: Five years after the anticipated issuance of a final Board decision, UP currently anticipates typical daily operations to consist of one daily southbound movement and one daily northbound movement serving the proposed line. Those trains are expected to operate with the characteristics described below and to carry plastics in covered hopper cars.

2.E.i. REQUEST: Average daily number of inbound and outbound trains.

2.E.i. RESPONSE: UP currently anticipates one daily southbound train and one daily northbound train.

2.E.ii. REQUEST: Average length, number of cars, number of locomotives, and speed of trains.

2.E.ii. RESPONSE: UP currently anticipates the following average train characteristics:

- 2 to 3 locomotives per train
- Approximately 25 to 35 cars per day
- Train length of approximately 1,800 to 2,500 feet
- Assumed operating speed of approximately 15 mph

2.E.iii. REQUEST: General description of goods being carried (e.g., intermodal containers, general merchandise, etc.).

2.E.iii. RESPONSE: Plastics will be carried by covered hopper cars.

FUTURE SHIPPERS

3.A. REQUEST: The Petition for Exemption and the Alternatives Report reference the potential to serve future rail-served customers or industrial development along the proposed line. Please identify any prospective shippers by name and provide their general locations, if available.

3.A. RESPONSE: UP is continuing to evaluate potential future rail-served customers or industrial development along the proposed line. UP has identified two potential opportunities with RCR Rail to construct an industrial park with rail car storage. Highly Integrated Fuels (HIF) is evaluating several locations for a new production site, one of the possible locations is located along the proposed line. See PDF attachments titled "RCR Rail location" and "HIF location."

3.B. REQUEST: Provide a brief description and map of the approximate location, if available, of the potential industrial park located south of Gilmore Road and north of the LyondellBasell facility.

3.B. RESPONSE: An independent developer, RCR Rail, is proposing to construct an industrial park to locate new industries and to provide rail car storage for nearby customers. Similar to other facilities in the area, they are looking to create capacity and storage for customers in this vicinity of rapid customer growth. See attached PDF titled "RCR Rail location."

GRADE CROSSINGS

4.A. REQUEST: Provide conceptual design plans for each proposed at-grade rail crossing showing the proposed train warning system at the crossing and the level of protection proposed such as gates, flashing lights, cantilever flashing lights, or crossbucks.

4.A. RESPONSE: Final crossing protection recommendations are not yet available because diagnostics for each crossing are still being scheduled. UP expects those recommendations by mid-July 2026, after which final plans will be developed based on the diagnostic team's recommendations. In the meantime, please see the conceptual design plans titled "Wadsworth At-Grade Xings_25 pct". These plans remain conceptual and are subject to change based on the diagnostics.

4.B. REQUEST: Provide any traffic studies and grade crossing delay studies that have been conducted for the proposed at-grade crossings, if available.

4.B. RESPONSE: No traffic studies or grade crossing delay studies have been completed to date. Once diagnostics are completed and recommendations are made, any additional studies will begin, and the results will be incorporated into the design as appropriate.

AGENCY AND PUBLIC COORDINATION

5.A. REQUEST: Clarify whether state or local permits or approvals would be required as part of project implementation and provide the status.

5.A. RESPONSE: At this time, it is not yet identified what city or county permits will be required. Construction will comply with any required work plans or restrictions imposed by applicable permits. County and local coordination is expected to begin in fall 2026.

5.B. REQUEST: Identify and summarize coordination conducted to date with the public and/or local governments regarding the proposed rail line. Please provide copies of written correspondence or summaries of meetings, if available.

5.B. RESPONSE: Since February 2025, UP and project representatives have conducted outreach with local elected officials, economic development representatives, local government bodies, and community organizations regarding the proposed project. The coordination identified to date includes the following:

2/3/2025 – Meeting with LYB and tour of the LYB Matagorda facility - Project kickoff meeting in Matagorda for project lead introductions, a project update, and a tour of the LYB Matagorda facility.

2/17/2025 – Meeting with elected official and economic development representatives - Project update meeting with an elected official and economic development representatives.

2/25/2025 – Meeting with Elected Official and Staff, Meeting with Texas State Representative AJ Louderback - Project update meeting with State Representative Louderback and LYB State Government Relations representative.

2/26/2025 – Meeting with Elected Officials, Matagorda County Commissioner, Bay City Mayor - Project update meeting with Matagorda County Commissioner, LYB representatives and economic development representatives.

2/26/2025 – Meeting with Bay City Mayor - initial project overview and discussion with the Bay City Mayor.

2/27/2025 – Meeting with Elected Officials, Meeting with Matagorda County Commissioner - Project update meeting with Matagorda County Commissioner, LYB representatives and economic development representatives.

3/28/2025 - Matagorda County Advocacy Day in Austin, TX - advocacy event during the Texas legislative session in Austin, Texas, and an opportunity to provide a project update to attendees.

3/25/2025 - Presentation to Bay City, TX City Council - Joint project update presentation to the Bay City Council.

3/31/2025 - Presentation to Matagorda County Commissioners Court - Joint project update to the Matagorda County Commissioners Court.

4/17/2025 - Bay City Chamber of Commerce & Agriculture State of the City Address - Luncheon event and an opportunity to provide project updates to attendees.

5/20/2025 – Meeting with Matagorda County Judge - Meeting with Matagorda County Judge Seiferman and an opportunity to provide a project update.

7/10/2025 - Bay City Chamber of Commerce & Agriculture State of the County Address - luncheon event and an opportunity to provide project updates to attendees.

7/15/2025 – Meeting with Matagorda County Judge - Meeting with Matagorda County Judge Seiferman and an opportunity to provide a project update.

8/7/2025 – Bay City Chamber of Commerce & Agriculture Luncheon with STP CEO - Luncheon event and an opportunity to provide a project update to attendees.

8/7/2025 - Meeting with South Texas Project (STP) - project update and coordination meeting with STP representatives.

9/8/2025 - Matagorda County Commissioners Court Meeting – Real Estate Update during Executive Session - Update discussion with the Matagorda County Commissioners Court on property negotiations with landowners.

9/26/2025 - TxDOT Coordination Meeting - Meeting to provide a project update, an introduction of project leads and coordination with TxDOT representatives.

12/8/2025 - Bay City Chamber of Commerce & Agriculture Luncheon with Congressman Michael Cloud - Luncheon event and opportunity to provide an update to attendees.

2/26/2026 – Meeting with Matagorda County Judge and County Commissioner on project update - Meeting to provide a project update and property negotiations with landowners.

4/16/2026 – Bay City Chamber of Commerce & Agriculture State of the City Address – Luncheon event and opportunity to provide an update to attendee.

5/8/2026 – Meeting with Port of Bay City – Meeting to provide a project update and coordination with Port of Bay City representatives.

ENVIRONMENTAL INFORMATION

6.A. REQUEST: Provide any environmental studies or surveys previously conducted within or along the proposed project area, such as wetlands delineations, cultural resources surveys, or Phase I or Phase II Environmental Site Assessments, if available. If no such studies or surveys have been completed to date, please confirm this.

6.A. RESPONSE: A desktop review of the cultural resources has been completed for the project. See attachment titled "20250430_UPRR_Wadsworth_Cultural_Review" for additional details. No field work has been completed to date, but plans are being made to complete the field survey work in the summer of 2026 for biological resources and waterways & wetlands.

Please do not hesitate to contact me if you have any questions, thank you.

Sincerely,



Tanya Spratt
Senior General Attorney - Law

SUBJECT
Wadsworth Industrial Lead Cultural Resources Desktop
Assessment

TO
Union Pacific Railroad

DATE
April 30, 2025

PROJECT NUMBER
30227359

On behalf of Union Pacific Railroad (UPRR), Arcadis U.S., Inc. (Arcadis) conducted a cultural resources desktop assessment to support evaluation of a proposed rail industrial lead in Matagorda County, Texas. The purpose of this technical memorandum is to summarize the results of the cultural resources desktop assessment to identify any known historic properties and to make recommendations on additional cultural resources work (if needed). Robin Barnes, Ph.D., completed the desktop review. Barnes is a Registered Professional Archaeologist, a Principal Investigator in the State of Texas, and meets or exceeds all qualifications for the Secretary of Interior's Standards and Guidelines for Prehistoric and Historic Archaeology.

A consideration of potential effects on historic properties is required under Section 106 of the National Historic Preservation Act (NHPA) of 1966, as amended, for any undertakings by a federal agency, including federal permitting or authorization. The implementing regulations for the NHPA are contained in 36 Code of Federal Regulations (CFR) Part 800 and are outlined by the Advisory Council on Historic Preservation. UPRR understands that the proposed rail industrial lead will be subject to the National Environmental Policy Act (NEPA) review with the Surface Transportation Board (STB) acting as the lead federal agency, and that consideration of potential effects on historic properties will be required. Alternatives being evaluated for the proposed rail industrial lead are located on private land, and therefore not subject to the Antiquities Code of Texas.

Project Description and Study Area

UPRR proposes to construct approximately 5 miles of new industrial lead track in Matagorda County, Texas to connect UPRR's Angleton Subdivision (via the UPRR Celanese Industrial Lead) to the LyondellBasell (LYB) Matagorda Polymers Plant. The new track will sit within a 100- to 200-foot-wide area of newly acquired right-of-way (ROW).

For the purposes of this desktop study, Arcadis considered a Study Area that is inclusive of all potential track alignments being evaluated (Figure 1). This area will ultimately be inclusive of the Area of Potential Effect (APE), to be determined by the STB in consultation with the Texas State Historic Preservation Officer during the NHPA Section 106 consultation process.

Background Research

Arcadis reviewed the Texas Historic Sites and Archeological Sites Atlas (ATLAS) for each alignment as it was developed by UPRR. In preparation of this summary memo, on April 16, 2025, Arcadis refreshed the ATLAS search to locate previously recorded cultural resources and surveys within the comprehensive Study Area. A one-mile buffer was applied to each of the potential track alignments considered for the new industrial lead track to identify previously recorded cultural resources and to provide information on the probability of identifying additional cultural resources within the Study Area. The review included known archaeological sites, architectural and historical resources, National Register of Historic Places (NRHP) properties, state antiquities landmarks, cemeteries, and previous cultural resources surveys.

ATLAS records show that three previous cultural resources investigations (ATLAS 8500009897, 8500009898, 8500080210) were conducted within the northwest portion of the Study Area. A fourth cultural resources

investigation was conducted in 2023 as evidenced by the submission of archaeological site forms, but the extent of the investigation has not been submitted to the ATLAS.

Two archaeological sites have been recorded within the Study Area. None of the potential track alignments intersect with the two sites. Site 41MG155 is a historic-era artifact scatter recorded in 2023. It has not been evaluated for NRHP eligibility by the SHPO but was recommended as ineligible for NRHP listing. The second site within the Study Area is 41MG48. There is no additional information available regarding this site beyond its location. It has not been evaluated by the SHPO for NRHP eligibility.

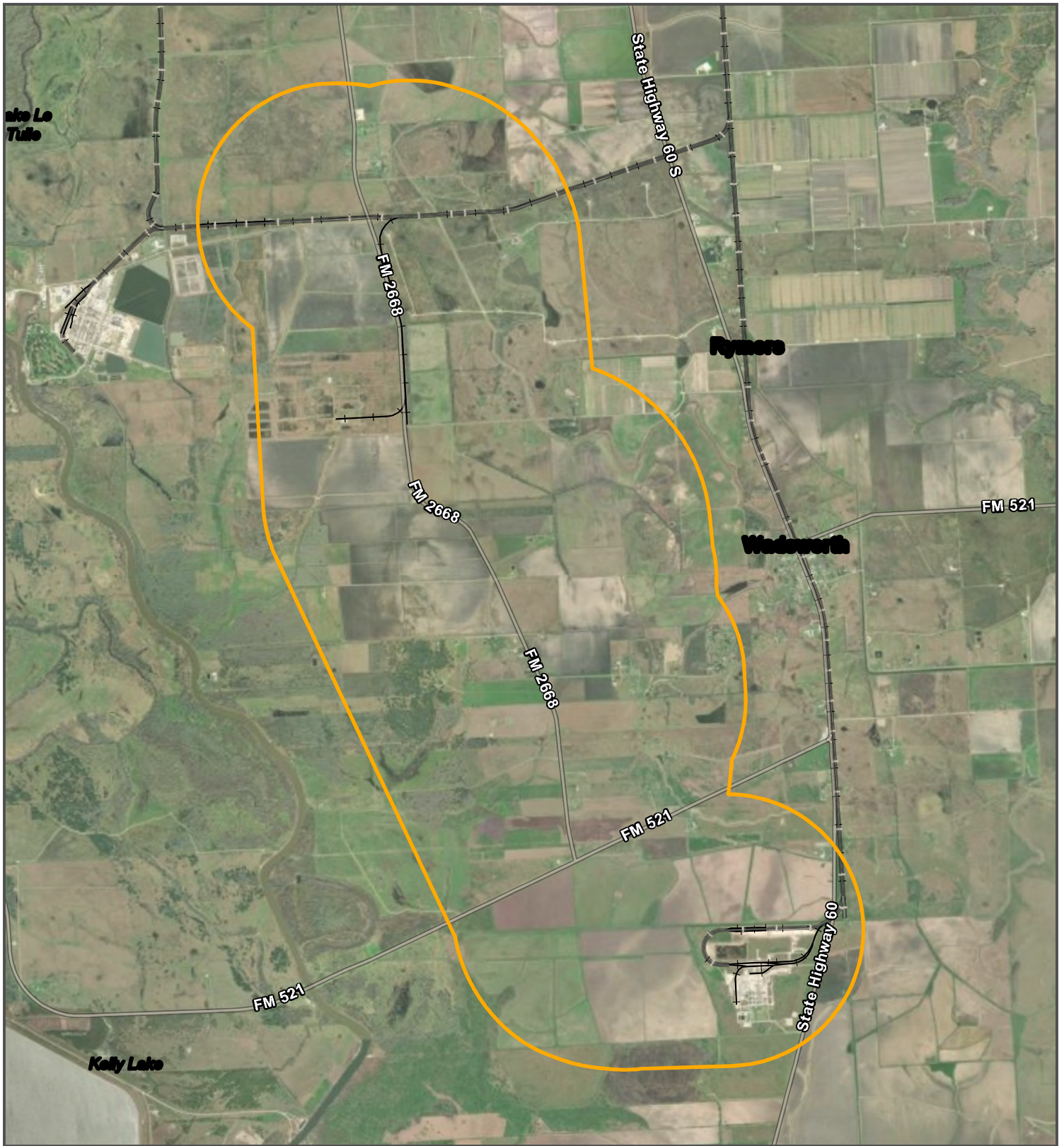
Arcadis also reviewed the 1879 and 1920 General Land Office (GLO) maps along with historic topographic maps and aerial photographs. The Study Area was undeveloped on the GLO mapping, indicating that most of the land in and around the Study Area was owned in large parcels. The Study Area has remained relatively rural. The small town of Wadsworth, approximately 1.5 miles to the east, was established by 1907. Farm to Market Road 2668 is visible on aerial imagery by 1956. Some residential developments started to occur east of the Study Area near the Bay Cel Golf Course in 1965.

Summary and Recommendations

Consideration of potential effects on historic properties is required to comply with the NEPA and Section 106 of the NHPA. For the purposes of this desktop study, Arcadis evaluated a Study Area defined to encompass the eventual APE to determine if any historic properties have been documented. The Study includes a 1-mile buffer surrounding all potential track alignments being evaluated by UPRR.

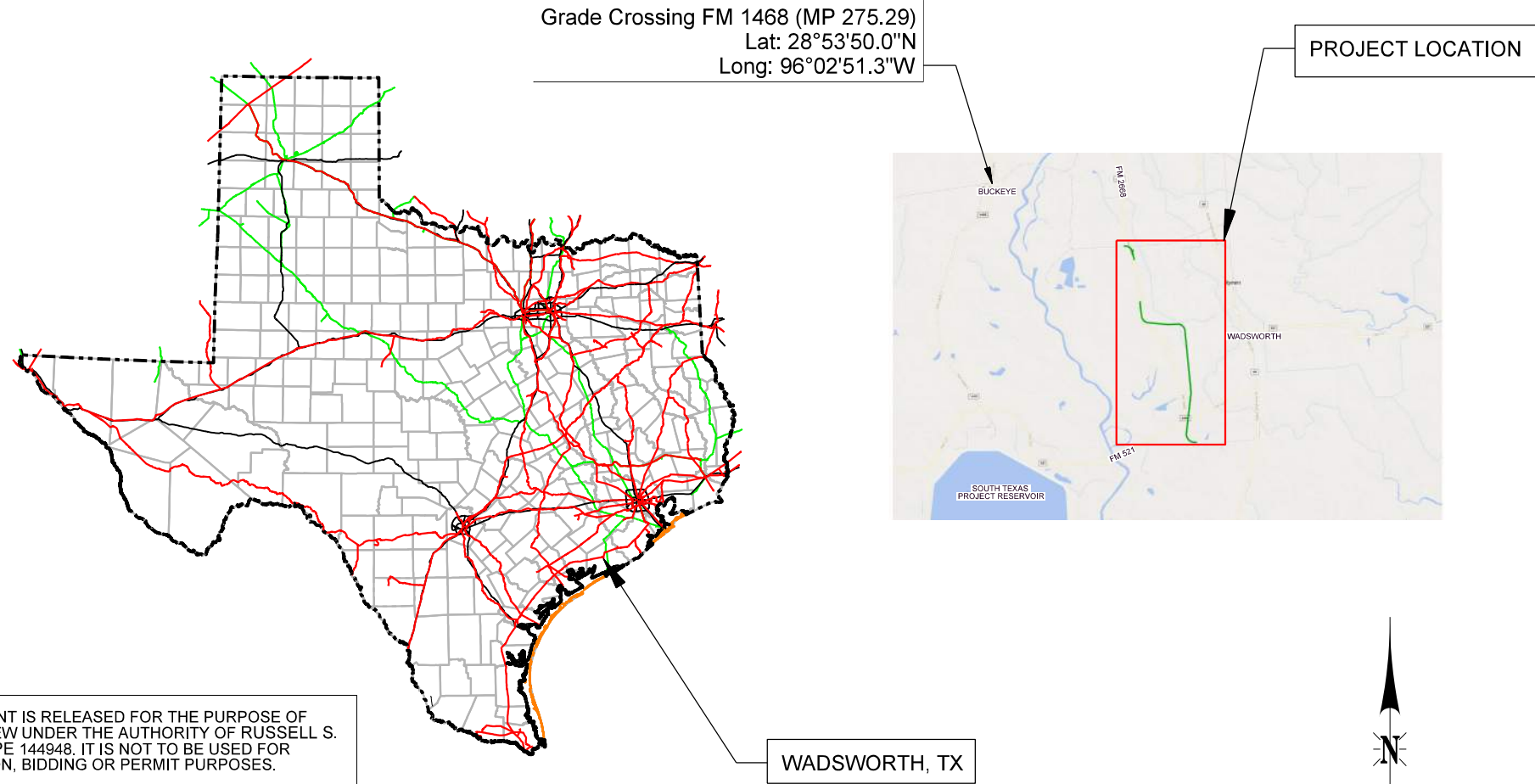
A review of ATLAS identified two known cultural resources (41MG48 and 41MG155) within the Study Area. However, the current alignments being evaluated by UPRR do not intersect these sites.

Enc. Figure 1 – Cultural Resources Study Area





ENGINEERING DESIGN



THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF INTERIM REVIEW UNDER THE AUTHORITY OF RUSSELL S. MCNAUGHT, PE 144948. IT IS NOT TO BE USED FOR CONSTRUCTION, BIDDING OR PERMIT PURPOSES.



State of Texas

Project Location Map

WADSWORTH, TEXAS - MATA GORDA COUNTY
WADSWORTH INDUSTRIAL LEAD, MP 1.67 - MP 6.55
CELANESE INDUSTRIAL LEAD, MP 2.98

25% PRELIMINARY PLANS
NOT FOR CONSTRUCTION

WORK ORDER: 67981
PROJECT NUMBER: 128235
BUDGET REFERENCE: 22CF290

JUN 05, 2026

PROJECT INDEX

PROJECT DESIGN

DESCRIPTION

G001	Cover Sheet with Vicinity Map
G002	Project Index and Revision Sheet
G003	General Notes and Project Contacts
G004	Abbreviations and Legend
G005	Control Points and Geometry
G006	Schematic Plan
P001 to P019	Track Plan and Profile - Wadsworth Ind Lead
P020 to P022	Track Plan and Profile - Western Wye
T001	Track Typical Section - Wadsworth Ind Lead
T002	Track Typical Section - Western Wye
R001 to R005	Roadway Sheets
C003 to C019	Drainage Sheets

[illegible]

THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF
INTERIM REVIEW UNDER THE AUTHORITY OF RUSSELL
MCNAUGHT P.E. 144948. IT IS NOT TO BE USED FOR
CONSTRUCTION, BIDDING OR PERMIT PURPOSES.

PRELIMINARY

NOT FOR CONSTRUCTION 5 JUNE 2026



DRAWN BY:	OPR	UNION PACIFIC RAILROAD
CHECKED BY:	RSM	
DATE:	06/05/2026	LOCATION: WADSWORTH, TEXAS - MATAGORDA COUNTY WADSWORTH INDUSTRIAL LEAD, MP 1.61-6.55 CELANESE INDUSTRIAL LEAD, MP 2.98
SHEET NUMBER	G002 of G006	DWG TITLE: Project Index and Revision Sheet
		DRAWING FILE WIL-G002

Color table:
HDR-UPRR_V81_centtable.tbl
pwr://HDR_US_Central_01///
General Notes and Project Contacts - WIL
6/4/2026

GENERAL NOTES

1.

Contractors shall notify Service Alert, (800) 642-2444 and UPRR Fiber Optics Hotline WWW.UP.COM/CBUD, 48 hours prior to any excavation. The USA Authorization Numbers shall be kept at the job site. UPRR Fiber Optics can be reached at 1-800-336-9193 in case of emergencies.
2.

No work whatsoever shall be commenced without first notifying the UPRR Engineer.
3.

The Contractor shall comply with all Federal, State, County, and City Laws and Ordinances and Regulations of the Department of Industrial Relations, OSHA, NPDES and Industrial Accident Commission related to the safety and character of the work, equipment and labor personnel.
4.

Contractor shall be responsible for coordinating with all Utility agencies.
5.

Contractor shall protect in place (by any means necessary) all existing utilities to remain unless otherwise specified herein, contractor shall be responsible for the complete repair at his expense, for any damage to existing utilities, structures, or other site features, as a result of his work.
6.

Prior to placing curbs, pavements, base, subbase, track, etc., all underground utilities shall be installed, backfill completed, and the Engineer notified by each of the utility companies having facilities within the work area, that the utility installation has satisfactorily passed acceptance tests.
7.

All existing underground utilities, that are not to be re-used shall be abandoned in place. All existing pipelines to be abandoned in place shall be cement slurry filled and capped at least 3'-0" below top of proposed subgrade.
8.

Contractor shall verify locations and elevations of existing utilities whether known or unknown prior to beginning construction.
9.

Any underground structures such as cesspools, cisterns, mining shafts, tunnels, septic tanks, wells, and pipelines not located prior to construction shall be brought to the attention of the engineer for determination of appropriate action such as removal or treatment in a manner judged suitable to the engineer.
10.

Contractor shall coordinate location of all proposed utilities with UPRR to assure accuracy of utility connections and compliance with local codes.
11.

Any existing conditions found to be a variance with these drawings must be immediately reported to the Engineer.
12.

Contractor shall maintain and clean to the satisfaction of the Engineer, all access and service roads used during construction.
13.

Contractor shall perform all construction in such a manner as to protect adjacent existing buildings, and other site elements which are to remain in service.
14.

Contractor shall provide As-built Drawings for all improvements.

15.

No field changes will be permitted without direct written authorization from the UPRR Engineer or his representative.
16.

Contractor shall coordinate work which affects adjacent property owners. Any questions or agreements between adjacent property owners and contractor shall be made in writing. A copy of such agreement shall be provided to the UPRR Engineer or his representative.
17.

The contractor is responsible for preparing a Stormwater Pollution Prevention Plan (SWPPP) to comply with State regulations. General specifications and typical erosion control details are included in the plan set.
18.

Right-of-way lines shown on the plans were taken from existing UPRR right-of-way map and are approximate.
19.

Match lines for sheets are based on the existing Main Line stationing unless otherwise specified.
20.

Track laying, ballasting, and installation of road crossing panels will be done by UPRR unless otherwise stated.
21.

Where existing culverts are to be extended, the contractor shall expose existing drainage structures and field verify size and type before ordering.
22.

The contractor is responsible for the removal of all pavement markings that will be in conflict with the proposed work.
23.

Contractor shall comply with all TxDOT and Matagorda County standard specifications for construction of public improvements requirements. Matagorda County standard specifications shall prevail.
24.

Contractor shall maintain at least one access to all affected business. If necessary, multiphase construction shall be utilized.

DESIGN CRITERIA

1.

UPRR standard plans and trackworks
2.

Matagorda County Public Works
3.

TxDOT Roadway Standards

TRAFFIC NOTES

1.

All barricades, warning signs, lights, devices, etc. for the guidance of vehicle traffic and pedestrians must conform to the installation shown in the Manual on Uniform Traffic Control Devices (MUTCD), current edition.
2.

Contractor shall make twice daily inspections of barricades and flashing lights to ensure proper placement and functioning of warning devices.
3.

Grade crossings closed to traffic during construction shall be barricaded in accordance with the MUTCD.
4.

At all grade crossings, all grade crossing warning signs (crossbuck) shall temporarily be relocated during construction and reset after the grade crossings construction is completed to a point adjacent to the roadway and 15 feet from the centerline of the near track as stated in the MUTCD except where automatic grade crossing warning signals/gates exist. All automatic warning devices are the responsibility of UPRR. At no time shall a crossing be left open without proper warning signs in place.
5.

Contractor shall submit traffic control plans to Matagorda County Traffic Department for approval at least 2 weeks prior to each road closure. Plans shall be 11" x 17" engineered drawings, sealed by a professional engineer from the State of Texas.
6.

The contractor is responsible for the prompt replacement and/or repair of all traffic control devices and appurtenances damaged or disturbed due to construction.

PROJECT CONTACTS

CONTACT

PHONE NUMBER

UPRR

Kevin LaConte

(503) 307-8566

Chad Williamson

(402) 544-4546

Donovan Holder

(402) 544-4823

Russell McNaught

(713) 576-3659

Kyle Thomsen

(402) 544-7425

Mark Mentele

(402) 544-8532

Kevin Rice

(402) 544-2213

Kris Anderson

(402) 544-3162

Jim Brannen

(402) 544-5979

Chris Hoover

(402) 544-6263

Construction Field Manager

Project Design Manager

Structures Design Manager

HDR Design Manager

Fiber Optic

Real Estate - Utilities

Environmental Permitting

Acquisitions

Soil Management

Signal Design

CONTACT

PHONE NUMBER

FIBER

CONTACT

PHONE NUMBER

UTILITIES

CONTACT

PHONE NUMBER

FEDERAL AND LOCAL GOVERNMENT AGENCY

PHONE NUMBER

GENERAL

(800) 336-9193

(888) 258-0808

(888) 877-7267

UPRR CALL BEFORE YOU DIG (WWW.UP.COM/CBUD)

CALL BEFORE YOU DIG (NATIONAL DIRECTORY)

UPRR Response Management Communications Center (RMCC)

	DATUM
HORIZONTAL	TEXAS STATE PLANE COORDINATE SYSTEM SOUTH CENTRAL ZONE, NAD83
VERTICAL	NAVD 1988 (GEOID '18)

The coordinates & distances shown are surface and may be converted to grid by multiplying by a scale factor of 0.999870017
Survey completed on 08/20/2024 and 08/26/2025
SUE completed on 11/04/2025

THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF INTERIM REVIEW UNDER THE AUTHORITY OF RUSSELL MCNAUGHT P.E. 144948. IT IS NOT TO BE USED FOR CONSTRUCTION, BIDDING OR PERMIT PURPOSES.

PRELIMINARY

NOT FOR CONSTRUCTION 5 JUNE 2026

 TEXAS P.E. FIRM REGISTRATION NO. F-754		DRAWN BY: OPR	UNION PACIFIC RAILROAD	
		CHECKED BY: RSM		
		DATE: 06/05/2026	LOCATION: WADSWORTH, TEXAS - MATAGORDA COUNTY WADSWORTH INDUSTRIAL LEAD, MP 1.61-6.55 CELANESE INDUSTRIAL LEAD, MP 2.98	
		SHEET NUMBER G003 of G006	DWG TITLE: General Notes and Project Contacts	DRAWING FILE WIL-G003

ABBREVIATIONS

MISCELLANEOUS

Ac.	Acres
Ave.	Avenue
Blvd.	Boulevard
Bldg.	Building
BNSF	BNSF Railway
C.Y.	Cubic Yards
Conc.	Concrete
°	Degree (s)
Dia.	Diameter
Dr.	Drive
Dwg.	Drawing
E	East
Elev.	Elevation
Exist.	Existing
'	Foot, Feet or Minute (s)
F.S.	Finished Surface
Horiz.	Horizontal
"	Inch, Inches or Second (s)
Inv.	Invert
Lt.	Left
L	Length
L.F.	Lineal Feet
Max.	Maximum
Min.	Minimum
N	North
NTS	Not to Scale
No.	Number
OH	Overhead
Prop.	Proposed
RR	Railroad
Rwy	Railway
R/W	Right of Way
Rt.	Right
S	South
S.F.	Square Feet
Sta.	Station
Std.	Standard
St.	Street
Twp.	Township
Typ.	Typical
UG	Underground
UPRR	Union Pacific Railroad
V	Velocity
Wt.	Weight
W	West
X-ing	Crossing

SIGNAL

ABS	Automatic Block Signal
ATC	Automatic Train Control
CTC	Centralized Traffic Control
DED	Dragging Equipment Detector
DTC	Direct Traffic Control
ELTO	Electric Lock Turnout
HBD	Hot Box Detector
HTTO	Hand Throw Turnout
HWD	High Wide Dectector
POTO	Power Operated Turnout
TWC	Track Warrant Control
WILD	Wheel Impact Load Dectector

STRUCTURES

Bldg.	Building
Br.	Bridge
CB	Catch Basin
CPT	Concrete Pile Trestle - Ballast Deck
CIP	Cast Iron Pipe
CMP	Corrugated Metal Pipe
CMPA	Corrugated Metal Pipe Arch
CSP	Corrugated Steel Pipe
Culv.	Culvert
DI	Drop Inlet
DPGBD	Deck Plate Girder - Ballast Deck
DPGOD	Deck Plate Girder - Open Deck
EBW	East Backwall
F.L.	Flowline
F.F.	Finished Floor
GIP	Galvanized Iron Pipe
Hdwl	Headwall
NBW	North Backwall
PCB	Prestressed Concrete Box
PSCT	Prestressed Concrete Trestle
RCA	Reinforced Concrete Arch
RCB	Reinforced Concrete Box
RCP	Reinforced Concrete Pipe
SBW	South Backwall
SSP	Smooth Steel Pipe
SPTBD	Steel Pile Trestle - Ballast Deck
SPTOD	Steel Pile Trestle - Open Deck
SPP	Structural Plate Pipe
TPGBD	Through Plate Girder - Ballast Deck
TPGOD	Through Plate Girder - Open Deck
TPTBD	Timber Pile Trestle - Ballast Deck
TPTOD	Timber Pile Trestle - Open Deck
TTBD	Through Truss - Ballast Deck
TTOD	Through Truss - Open Deck
TWB	Treated Wood Box
VCP	Vitrified Clay Pipe
Viad.	Viaduct
WBW	West Backwall
WIP	Wrought Iron Pipe

TRACK

ATR	Above Top of Rail
Align.	Alignment
BBR	Below Base of Rail
Cntrs.	Centers
CWR	Continuous Welded Rail
DSPD	Double Switch Point Deraill
EOT	End of Track
HH	Head Hardened
Ind.	Industrial
Jtd.	Jointed Rail
Ld	Lead
LH	Left Hand
ML	Main Line
MM	Mile Marker
MP	Mile Post
NSC	Not Sufficient Clearance
OTM	Other Track Material
PCC	Point of Compound Curve
PC	Point of Curve
PCS	Point of Curve to Spiral
POC	Point on Curve
PF	1/2" Point of Frog
PI	Point of Intersection
PITO	Point of Intersection of Turnout
PS	Point of Spiral
PSC	Point of Spiral to Curve
POS	Point on Spiral
PT	Point of Tangent
POT	Point on Tangent
Pt. Sw.	Point of Switch
PVC	Point of Vertical Curve
PVI	Point of Vertical Intersection
PVT	Point of Vertical Tangent
RH	Right Hand
SH	Second Hand
SSPD	Single Switch Point Deraill
TC	Track Centers
T.F.	Track Feet
Trk.	Track
UXO	Universal Cross-Over
X-Over	Cross-Over

UTILITIES

AIR	Compressed Air
F/O	Fiber Optic Cable
G	Gas Pipeline
OH-P	Overhead Power Line
SS	Sanitary Sewer
Overhead Signal Line	
Underground Signal Line	
Steam Line	
S	Storm Sewer
T	Telephone
Underground Electric	
W	Water Main
Underground Wire	
Under Drain	
V.	Valve
M.H.	Manhole
C.B.	Catch Basin
F.H.	Fire Hydrant
Junction Box	
Electric Meter	
Gas Meter	
Water Meter	
Monitoring Well	
PUMP	Pump

TRACK

Existing Mainline	
Existing Siding or Spur	
Proposed	
Remove	
Shift	
Relay	
Surface & Line	
Future	
Foreign Railroad or Industry	
In Buildings or Under Structures	
Turnout	
Power Turnout	
Bumping Post	
Earthen Bumper	
Inert Retarder	
Dowty Retarder	
Hayes Deraill	
Double Switch Point Deraill	

PROPERTY

Section Line	
Center Section Line	
Parcel or Easement Line	
Right of Way	
Former Right of Way	
Right of Way to be Acquired	
Foreign Right of Way	

ROAD CROSSING WARNING DEVICES

Crossbuck Sign	
Flashing Light Warning Device	
Flashing Light Warning Device with Gate	
Cantilever Flashing Light Warning Device	
Cantilever Flashing Light Signal with Gate	

SIGNAL

Absolute Signal	
Signal Bridge	
Cantilever Signal	
ACS or CTC Signal	
Dwarf Signal	
Begin CTC	
Microwave Tower	
AEI	
Battery Box	
Dragging Equipment Detector	
Generator	
Hot Box Detector	

STRUCTURES

Culvert	
Culvert with Headwalls	
Double Culvert	
Railroad Bridge	
Highway Overpass	
Highway Underpass	
Tunnel	
Building	
Flag Pole	

OTHER

Embankment	
Flow Line	
Milepost	
Milemarker	
Control Point	
Revision Number	
Revision Cloud	

SIGNS

Stop	
Yard Limit	
1 Mile to Yard Limit	
Whistle Post	
Flanger	
Station	
Reduce Speed	
Resume Speed	
General Purpose	

FENCES

Barbed Wire	
Chain Link	
Snow / Sand	
Cattle Guard	

ROADS

Paved Road	
Unimproved Road	
Interstate Highway	
Federal Highway	
State Highway	
County Highway	

PERMITTING

Temporary Workspace - Permitted	
Sensitive Resources - Impacted / Permitted	
Sensitive Resources - Do Not Impact	

CONSTRUCTION

Note (Work by Contractor)	
Note (Work by Others)	
Cut Lines	
Fill Lines	
Grading Limits	

Section Number	
Section Sheet No.	
Section Number	
Section From Sheet No.	
Section Description	
Scale	

PRELIMINARY

NOT FOR CONSTRUCTION 19 DEC 2025

THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF INTERIM REVIEW UNDER THE AUTHORITY OF RUSSELL MCNAUGHT P.E. 144948. IT IS NOT TO BE USED FOR CONSTRUCTION, BIDDING OR PERMIT PURPOSES.

LIGHTING

Light Pole	
Light Tower	



TEXAS P.E. FIRM
REGISTRATION NO. F-754



DRAWN BY:	OPR
CHECKED BY:	RSM
DATE:	06/05/2026
SHEET NUMBER	G004 of G006

UNION PACIFIC RAILROAD

LOCATION: WADSWORTH, TEXAS - MATAGORDA COUNTY
WADSWORTH INDUSTRIAL LEAD, MP 1.61-6.55
CELANESE INDUSTRIAL LEAD, MP 2.98

DWG TITLE: Abbreviations and Legend

DRAWING FILE
WIL-G004

CONTROL POINTS

POINT	NORTH	EAST	ELEVATION	FEATURE
50	13512889.843	2927140.512	29.216	CRCP-#5 REBAR
51	13510735.991	2921286.239	34.108	MFAC-2" JOHNSON & PACE
52	13530673.612	2926713.374	47.562	CRCP-#5 REBAR
53	13530694.852	2926602.495	47.556	CRCP-PK
54	13505111.957	2934112.956	32.224	CRCP-#5 REBAR
55	13512505.445	2927247.584	27.861	MFPL-PPC AGM
57	13488342.399	2940588.352	25.975	CRCP-#5 REBAR
58	13513156.409	2932760.737	34.621	CRCP-#5 REBAR
59	13513276.262	2932693.998	33.835	MFPL-RPC
60	13512976.675	2932618.085	33.133	MFPL-PPC
61	13502068.118	2934914.200	30.419	CRCP-#5 REBAR
62	13502850.954	2944668.700	32.312	CRCP-#5 REBAR
63	13493113.089	2940044.311	22.039	CRCP-#5 REBAR
64	13488360.472	2940586.439	26.465	CRCP-#5 REBAR
65	13488753.566	2941704.026	26.222	CRCP-#5 REBAR
101	13507453.622	2933906.366	33.116	CRAC-PK NAIL
102	13501331.214	2936305.225	31.141	CRAC-PK NAIL
103	13487941.092	2940208.741	26.288	CRAC-PK NAIL
104	13489390.075	2943199.512	28.830	CRAC-PK NAIL
105	13495353.757	2940683.100	27.136	CRAC-PK NAIL
200	13527138.475	2925599.143	48.967	MFAC
200B	13527145.070	2925637.936	44.694	MFAC
201	13523822.639	2922488.464	45.221	MFAC
201B	13523843.606	2922487.734	47.894	MFAC
202	13520039.863	2924575.286	41.131	MFAC
202B	13520045.727	2924565.243	42.472	MFAC
203	13512776.994	2924690.142	37.774	MFAC
203B	13512795.021	2924562.186	38.097	MFAC
400	13522611.975	2924469.898	39.777	CRCS-PK
402	13522492.518	2924474.397	39.793	CRCS-PK
403	13523417.297	2924196.518	40.994	CRCS-PK
404	13523371.447	2924237.743	40.870	CRCS-PK
405	13523243.530	2924328.023	40.696	CRCS-PK
406	13513008.033	2932575.114	34.863	CRCS-60D
407	13513052.938	2932434.417	35.342	CRCS-60D
408	13513041.119	2932136.893	33.938	CRCS-60D
409	13512887.923	2932736.743	34.325	CRCS-60D
410	13512708.990	2932805.181	33.912	CRCS-60D
411	13505076.634	2934187.931	32.899	CRCS-60D
412	13495387.820	2941230.709	27.244	CRCS-60D
413	13495382.215	2941060.801	26.958	CRCS-60D
414	13488727.071	2940763.509	26.086	CRCS-60D
415	13488736.831	2940949.353	26.150	CRCS-60D
416	13488754.637	2941214.088	26.452	CRCS-60D
417	13488300.459	2940957.993	27.428	CRCS-60D
418	13488240.912	2940838.281	27.357	CRCS-60D
420	13502080.012	2936055.811	29.447	CRCS-60D
421	13502042.810	2936138.528	29.469	CRCS-60D
422	13502235.334	2936038.379	30.055	CRCS-60D
423	13502611.095	2936013.916	30.972	CRCS-60D
HVP1	13517566.009	2931969.043	39.038	CRAC-PK
HVP2	13515984.504	2932068.134	38.700	CRAC-PK
HVP3	13513045.057	2932629.287	36.541	CRAC-PK
HVP4	13512927.645	2930437.965	32.660	CRAC-PK
HVP5	13509450.843	2934941.756	33.300	CRAC-60D
HVP6	13509022.974	2933797.066	33.967	CRAC-PK
HVP7	13508948.242	2932644.488	30.384	CRAC-#5 REBAR
HVP8	13504571.658	2934084.795	33.970	CRAC-PK
HVP9	13504471.110	2940763.822	31.190	CRAC-60D
HVP10	13504143.654	2939713.653	29.608	CRAC-60D
HVP11	13503259.509	2934240.680	33.321	CRAC-PK
HVP12	13502998.344	2938668.465	34.705	CRAC-60D
HVP13	13502065.315	2934787.410	33.725	CRAC-PK
HVP14	13502313.093	2937031.297	30.199	CRAC-#5 REBAR
HVP15	13501676.155	2942403.108	29.690	CRAC-60D
HVP16	13501558.556	2939978.719	31.008	CRAC-#5 REBAR
HVP17	13500425.748	2942543.151	28.663	CRAC-60D
HVP18	13499242.191	2941756.080	30.784	CRAC-60D
HVP19	13499182.226	2940697.314	31.025	CRAC-60D
HVP20	13495415.715	2942532.350	29.257	CRAC-PK NAIL
HVP21	13495375.929	2941406.787	28.532	CRAC-PK NAIL
HVP22	13495342.866	2940322.229	27.272	CRAC-PK NAIL
HVP23	13493208.490	2941778.368	26.395	CRAC

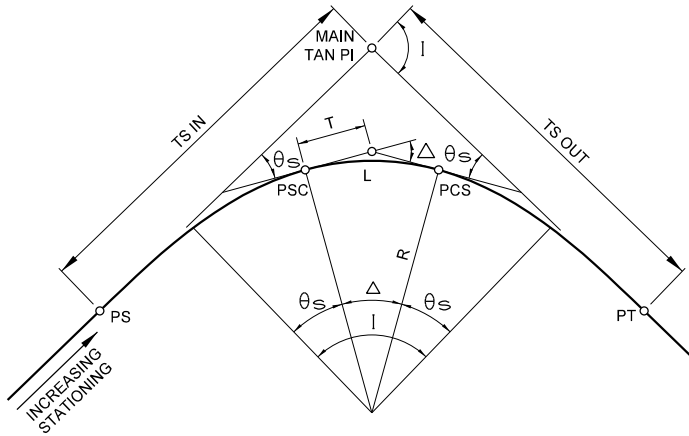


FIGURE A
CIRCULAR CURVES
WITH SPIRAL TRANSITION

I - TOTAL INTERSECTION ANGLE
 θ_s - SPIRAL ANGLE = $\frac{A L^2}{2}$
 Δ - CENTRAL ANGLE OF CIRCULAR CURVE = $I - 2 \theta_s$
 D_c - DEGREE OF CURVE
 A - RATE OF CHANGE OF DEGREE OF CURVE PER 100-FT. OF LENGTH = $\frac{D_c}{L}$
 R - RADIUS OF CIRCULAR CURVE
 T - TANGENT LENGTH OF CIRCULAR CURVE = $R \tan \frac{\Delta}{2}$
 L - LENGTH OF CIRCULAR CURVE = $\frac{\Delta}{D_c} \times 100$
 PS - TANGENT TO SPIRAL
 PSC - SPIRAL TO CURVE
 PCS - CURVE TO SPIRAL
 PT - SPIRAL TO TANGENT

MAIN TAN PI - POINT OF INTERSECTION OF MAIN TANGENTS
(TS IN) - TANGENT LENGTH OF COMPLETE CURVE = $(R + o) \tan \frac{I}{2} + t$
(TS OUT)

(WHEN SPIRALS OF EQUAL LENGTH
ARE USED ON BOTH SIDES OF
CIRCULAR CURVE, SEE FIGURE C.
FOR o AND t).

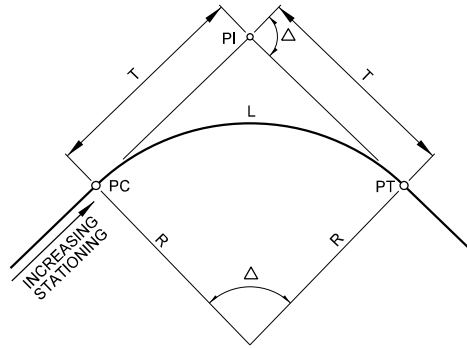


FIGURE B
SIMPLE CIRCULAR CURVE

R = RADIUS OF CIRCULAR CURVE
 Δ = CENTRAL ANGLE OF CIRCULAR CURVE
 $T = R \tan \frac{\Delta}{2}$
 $L = \frac{\Delta}{D_c} \times 100$
 $D_c = 2 \sin^{-1} (50/R) =$ DEGREE OF CURVE
(CHORD DEFINITION)

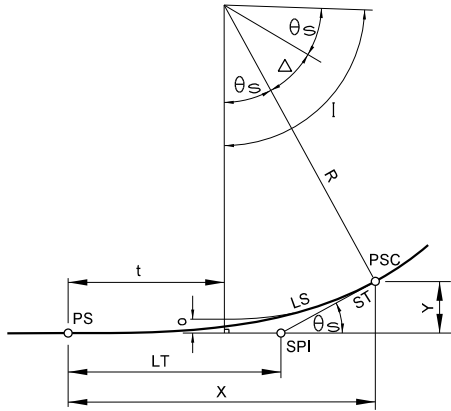


FIGURE C
SPIRAL TRANSITION CURVE

SPIRAL TRANSITION CURVE DATA:
THE SPIRAL USED IS DEFINED BY THE TALBOT SPIRAL.

LS = LENGTH OF SPIRAL (TS TO PSC)
 $\theta_s = \frac{A L^2}{2}$
 $X = 100 L_1 - 0.000762 A^2 L_1^5$
 $Y = 0.291 A L_1^3 - 0.00000158 A^3 L_1^7$
 $o = 0.0727 A L_1^3$
 $t = 50 L_1 - 0.000127 A^2 L_1^5$
 $ST = \frac{Y}{\sin \theta_s}$
 $LT = X - \frac{Y}{\tan \theta_s}$
 $D_c = 2 \sin^{-1} (50/R) =$ DEGREE OF CURVE (CHORD DEFINITION)
 L_1 - TOTAL NO. OF STATIONS IN SPIRAL
 SPI - SPIRAL POINT OF INTERSECTION
NOTE: D_c , θ_s , Δ , AND I ARE IN DEGREES.
ALL OTHERS DIMENSIONS ARE FEET.

Color table:
HDR-UPRR_V81_centtable.tbl
pwr://HDR_US_Central_01///
Control Points and Geometry - WIL
6/4/2026

THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF
INTERIM REVIEW UNDER THE AUTHORITY OF RUSSELL
MCNAUGHT P.E. 144948. IT IS NOT TO BE USED FOR
CONSTRUCTION, BIDDING OR PERMIT PURPOSES.

PRELIMINARY
NOT FOR CONSTRUCTION 5 JUNE 2026

HDR
TEXAS P.E. FIRM
REGISTRATION NO. F-754



DRAWN BY: OPR
CHECKED BY: RSM
DATE: 06/05/2026
SHEET NUMBER
G005 of G006

**UNION PACIFIC
RAILROAD**

LOCATION: WADSWORTH, TEXAS - MATAGORDA COUNTY
WADSWORTH INDUSTRIAL LEAD, MP 1.61-6.55
CELANESE INDUSTRIAL LEAD, MP 2.98

DWG TITLE:
Control Points and Geometry

DRAWING FILE
WIL-G005

Color table:
HDR-UPRR_V81_centtable.tbl
pwr://HDR_US_Central_01///
Schematic Plan - WIL
6/4/2026

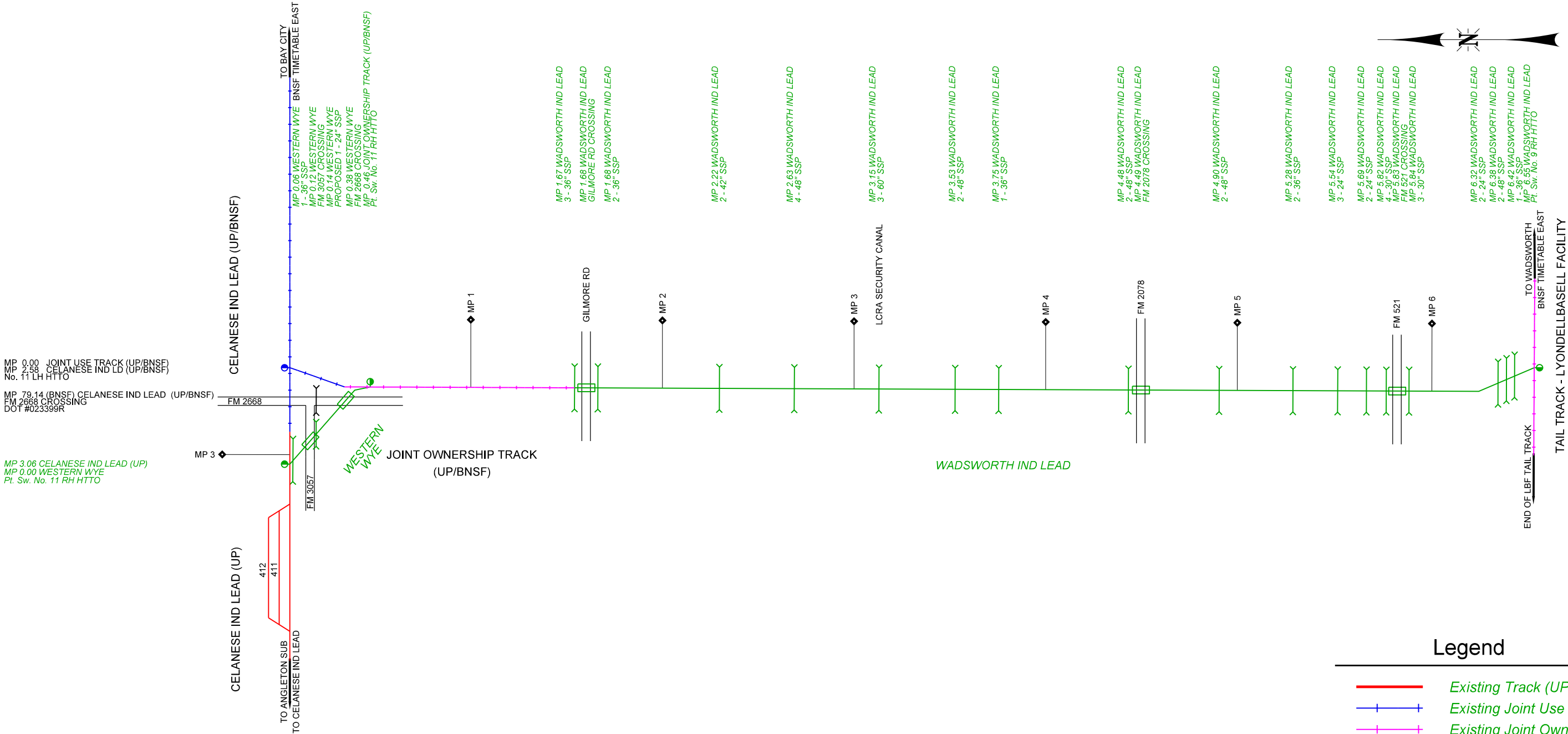
THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF INTERIM REVIEW UNDER THE AUTHORITY OF RUSSELL MCNAUGHT P.E. 144948. IT IS NOT TO BE USED FOR CONSTRUCTION, BIDDING OR PERMIT PURPOSES.

PRELIMINARY
NOT FOR CONSTRUCTION 5 JUNE 2026



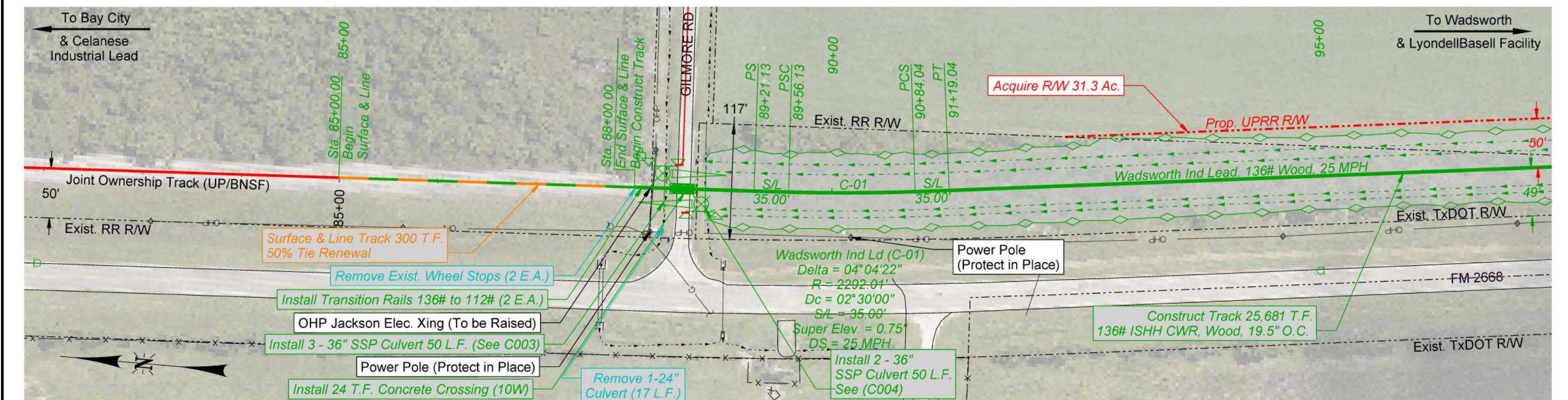
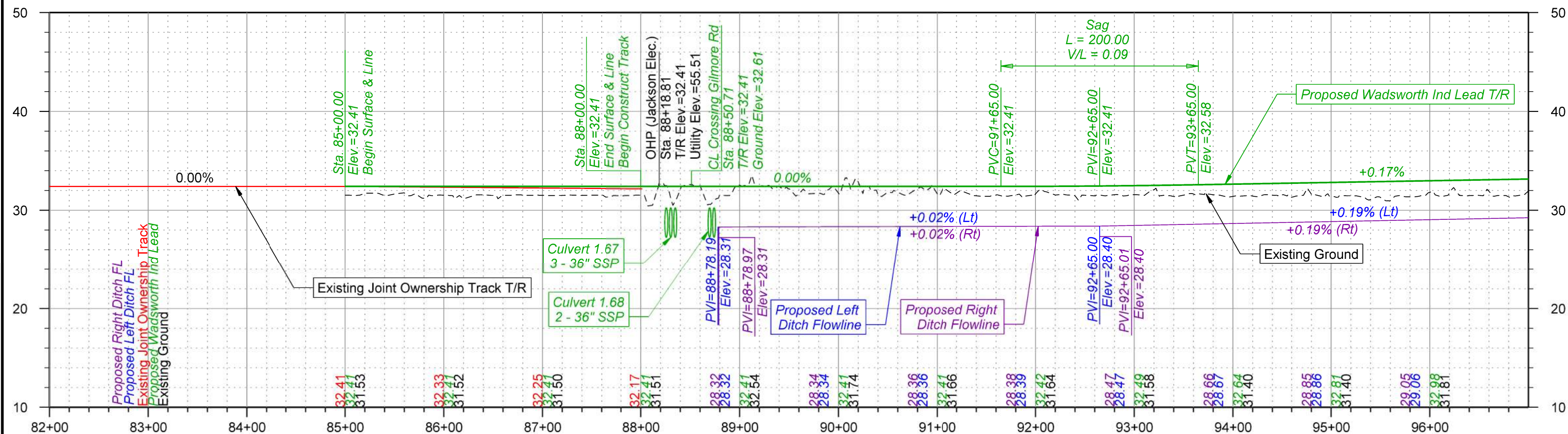
DRAWN BY: OPR
CHECKED BY: RSM
DATE: 06/05/2026
SHEET NUMBER
G006 of G006

UNION PACIFIC RAILROAD
LOCATION: WADSWORTH, TEXAS - MATAGORDA COUNTY
WADSWORTH INDUSTRIAL LEAD, MP 1.61-6.55
CELANESE INDUSTRIAL LEAD, MP 2.98
DWG TITLE: Schematic Plan
DRAWING FILE: WIL-G006



Legend

- Existing Track (UP/BNSF)
- Existing Joint Use Track
- Existing Joint Ownership Track
- Proposed Track
- Access Road
- Culvert
- Xing Panel
- Hand Throw Switch
- Power Operated Switch
- Power Derail
- Hayes Derail
- Absolute Signal



NOTES

- Drainage items are estimated only. The actual size and location will be based on additional data and design
- Parcel and R/W lines are to be considered approximate and are subject to change as the design progresses

PRELIMINARY

NOT FOR CONSTRUCTION 5 JUNE 2026

10 0 10 20

SCALE IN FEET - VERTICAL

100 0 100 200

SCALE IN FEET - HORIZONTAL

THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF INTERIM REVIEW UNDER THE AUTHORITY OF RUSSELL MCNAUGHT P.E. 144948. IT IS NOT TO BE USED FOR CONSTRUCTION, BIDDING OR PERMIT PURPOSES.

UNION PACIFIC RAILROAD

LOCATION: WADSWORTH, TEXAS - MATAGORDA COUNTY
WADSWORTH INDUSTRIAL LEAD, MP 1.61-6.55
CELANESE INDUSTRIAL LEAD, MP 2.98

DWG TITLE: Track Plan and Profile - Wadsworth Ind Lead

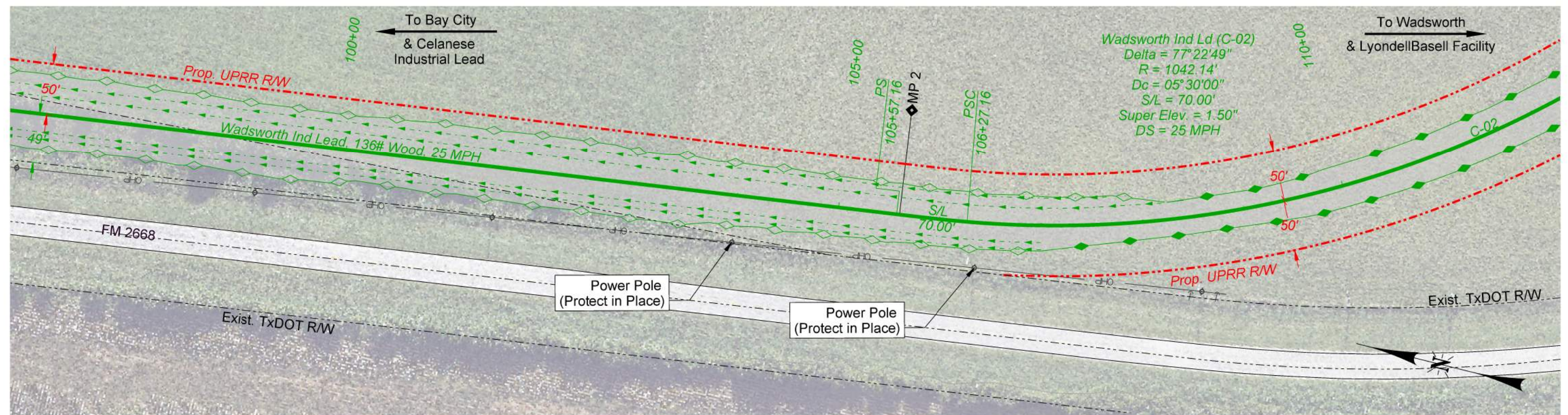
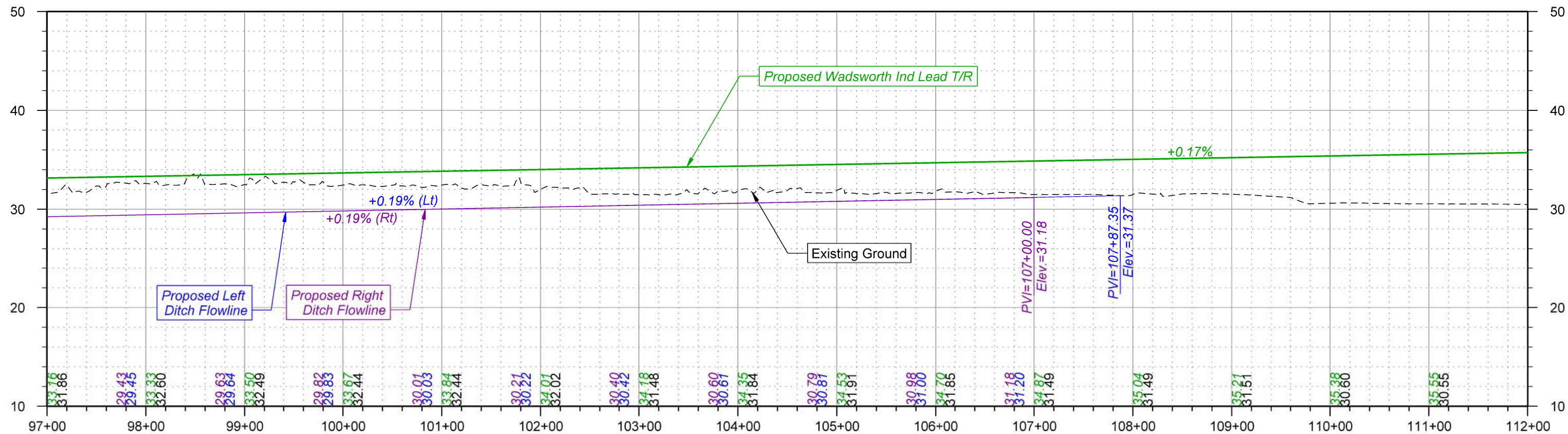
DRAWING FILE: WIL-P01-19

DRAWN BY: OPR

CHECKED BY: RSM

DATE: 06/05/2026

SHEET NUMBER: P001 of P022



NOTES

1. Drainage items are estimated only. The actual size and location will be based on additional data and design

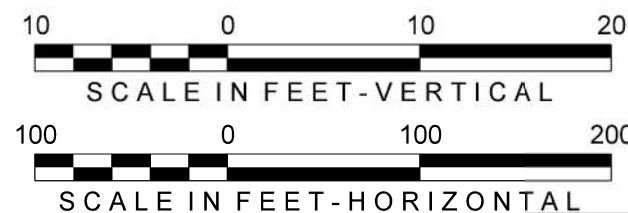
2. Parcel and R/W lines are to be considered approximate and are subject to change as the design progresses

THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF INTERIM REVIEW UNDER THE AUTHORITY OF RUSSELL MCNAUGHT P.E. 144948. IT IS NOT TO BE USED FOR CONSTRUCTION, BIDDING OR PERMIT PURPOSES.

PRELIMINARY

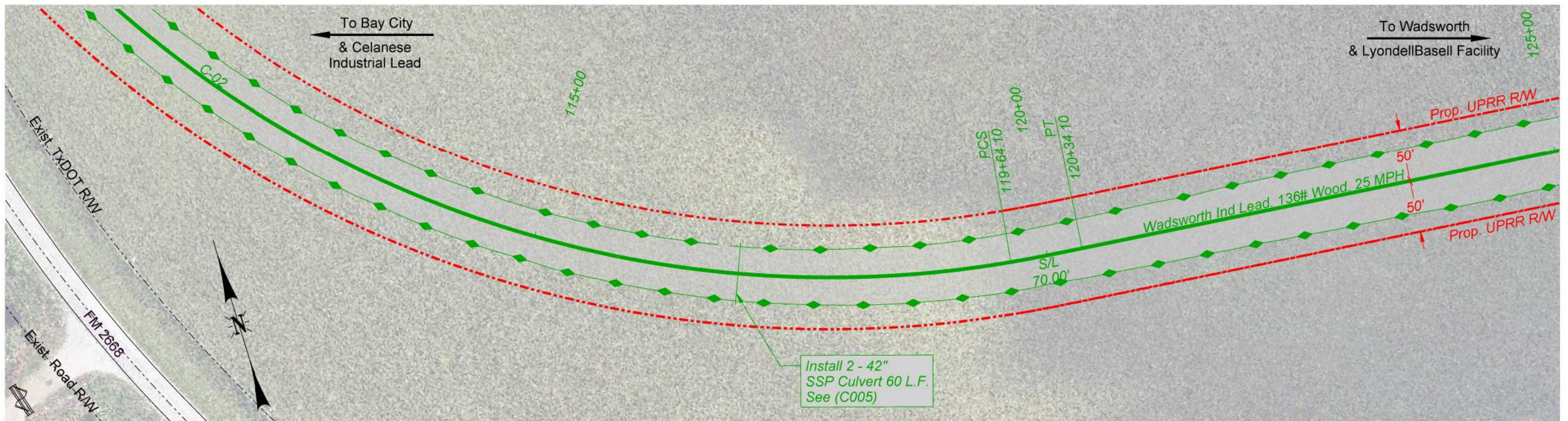
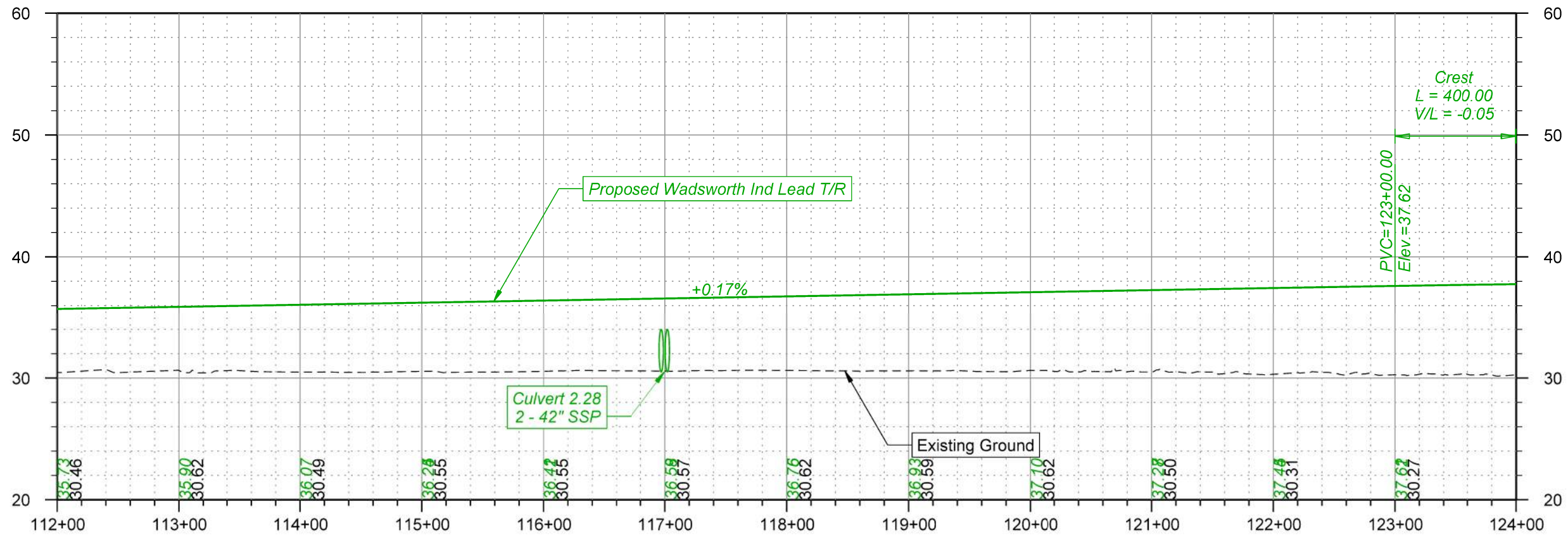
NOT FOR CONSTRUCTION

5 JUNE 2026



DRAWN BY: OPR
CHECKED BY: RSM
DATE: 06/05/2026
SHEET NUMBER: P002 of P022

UNION PACIFIC RAILROAD
LOCATION: WADSWORTH, TEXAS - MATAGORDA COUNTY
WADSWORTH INDUSTRIAL LEAD, MP 1.61-6.55
CELANESE INDUSTRIAL LEAD, MP 2.98
DWG TITLE: Track Plan and Profile - Wadsworth Ind Lead
DRAWING FILE: WIL-P01-19



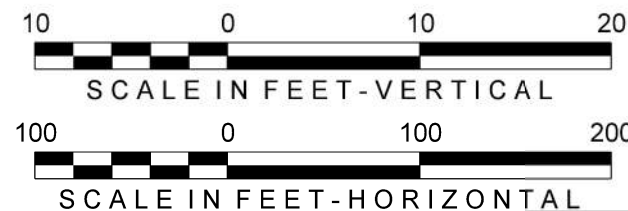
NOTES

1. Drainage items are estimated only. The actual size and location will be based on additional data and design

2. Parcel and R/W lines are to be considered approximate and are subject to change as the design progresses

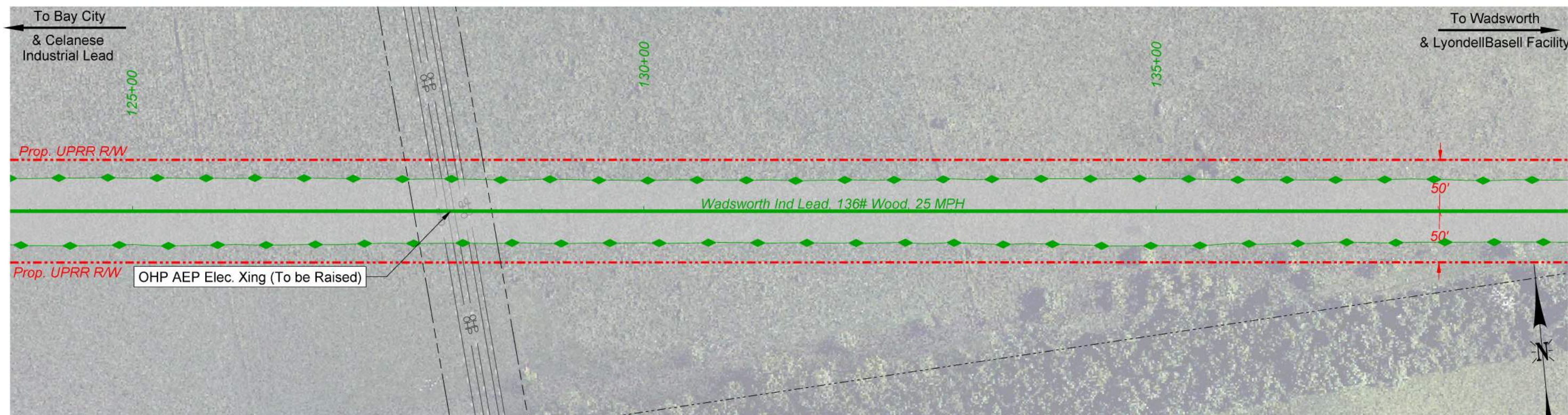
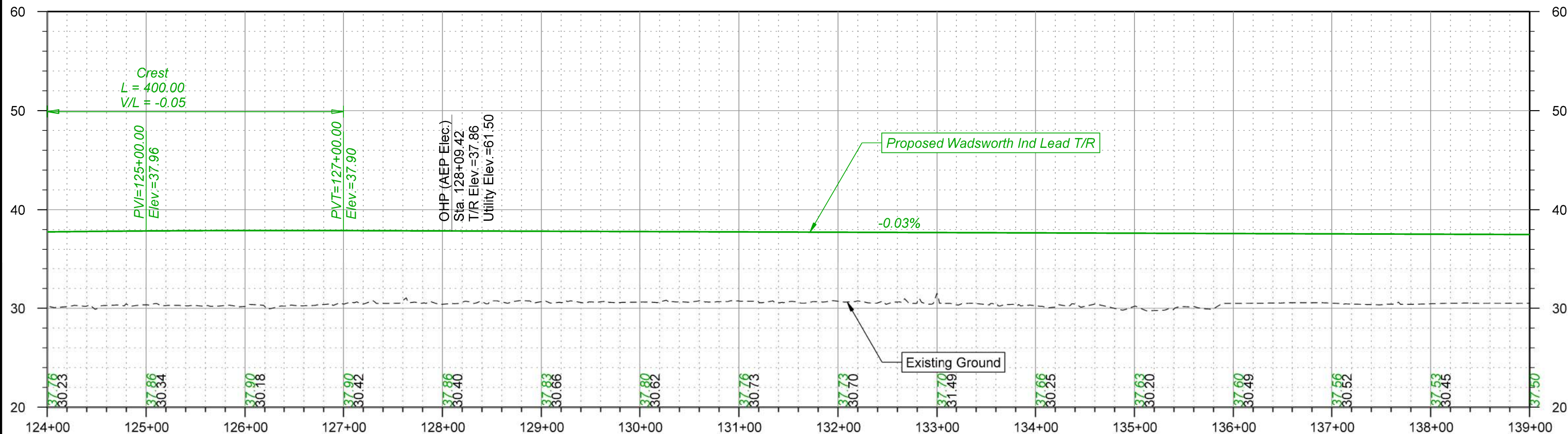
THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF INTERIM REVIEW UNDER THE AUTHORITY OF RUSSELL MCNAUGHT P.E. 144948. IT IS NOT TO BE USED FOR CONSTRUCTION, BIDDING OR PERMIT PURPOSES.

PRELIMINARY
NOT FOR CONSTRUCTION 5 JUNE 2026



DRAWN BY: OPR
CHECKED BY: RSM
DATE: 06/05/2026
SHEET NUMBER: P003 of P022

UNION PACIFIC RAILROAD
LOCATION: WADSWORTH, TEXAS - MATAGORDA COUNTY
WADSWORTH INDUSTRIAL LEAD, MP 1.61-6.55
CELANESE INDUSTRIAL LEAD, MP 2.98
DWG TITLE: Track Plan and Profile - Wadsworth Ind Lead
DRAWING FILE: WIL-P01-19



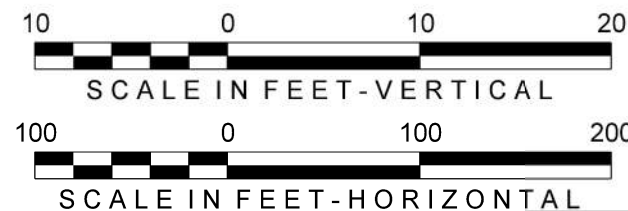
NOTES

1. Drainage items are estimated only. The actual size and location will be based on additional data and design

2. Parcel and R/W lines are to be considered approximate and are subject to change as the design progresses

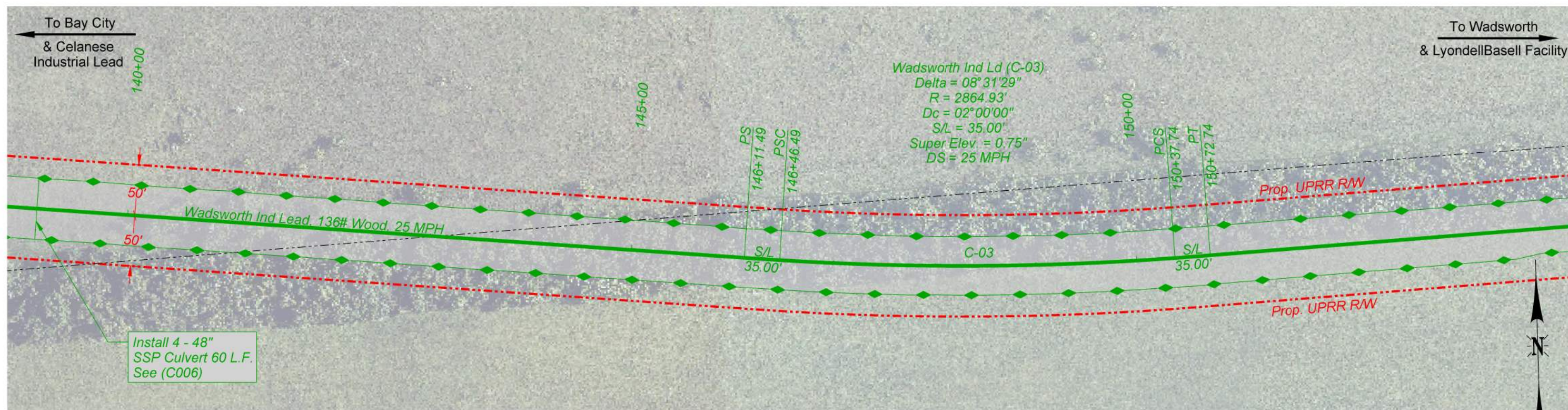
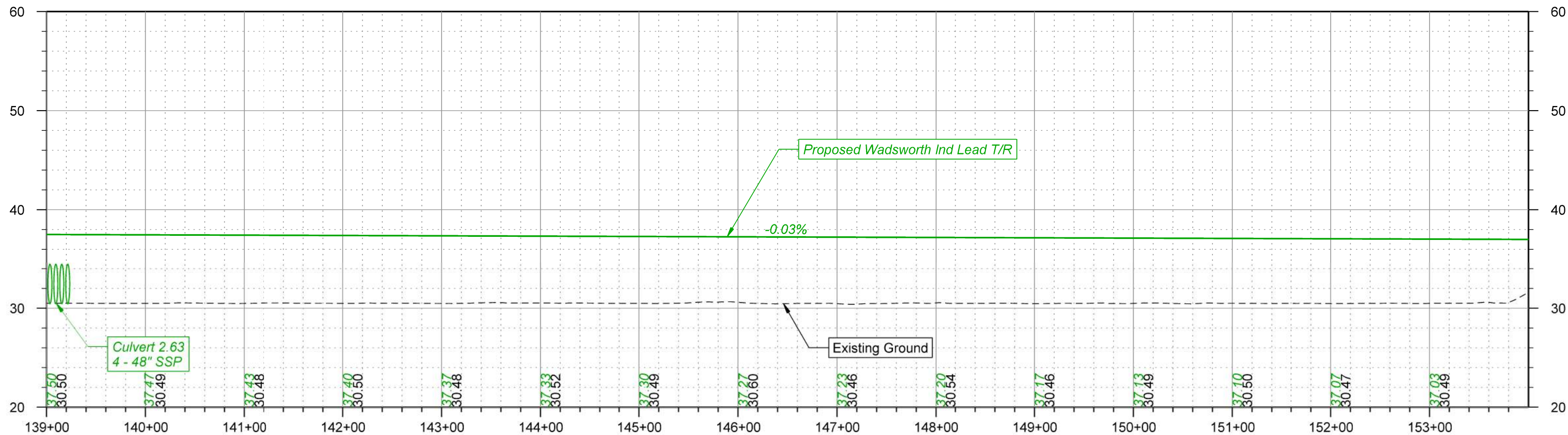
THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF INTERIM REVIEW UNDER THE AUTHORITY OF RUSSELL MCNAUGHT P.E. 144948. IT IS NOT TO BE USED FOR CONSTRUCTION, BIDDING OR PERMIT PURPOSES.

PRELIMINARY
NOT FOR CONSTRUCTION 5 JUNE 2026



DRAWN BY: OPR
CHECKED BY: RSM
DATE: 06/05/2026
SHEET NUMBER: P004 of P022

UNION PACIFIC RAILROAD
LOCATION: WADSWORTH, TEXAS - MATAGORDA COUNTY
WADSWORTH INDUSTRIAL LEAD, MP 1.61-6.55
CELANESE INDUSTRIAL LEAD, MP 2.98
DWG TITLE: Track Plan and Profile - Wadsworth Ind Lead
DRAWING FILE: WIL-P01-19



NOTES

1. Drainage items are estimated only. The actual size and location will be based on additional data and design

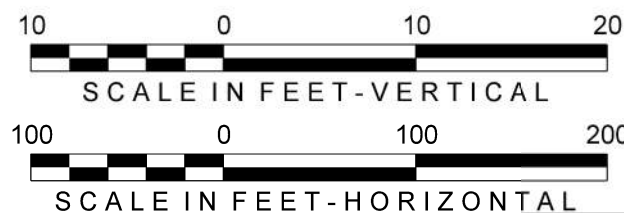
2. Parcel and R/W lines are to be considered approximate and are subject to change as the design progresses

THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF INTERIM REVIEW UNDER THE AUTHORITY OF RUSSELL MCNAUGHT P.E. 144948. IT IS NOT TO BE USED FOR CONSTRUCTION, BIDDING OR PERMIT PURPOSES.

PRELIMINARY

NOT FOR CONSTRUCTION

5 JUNE 2026



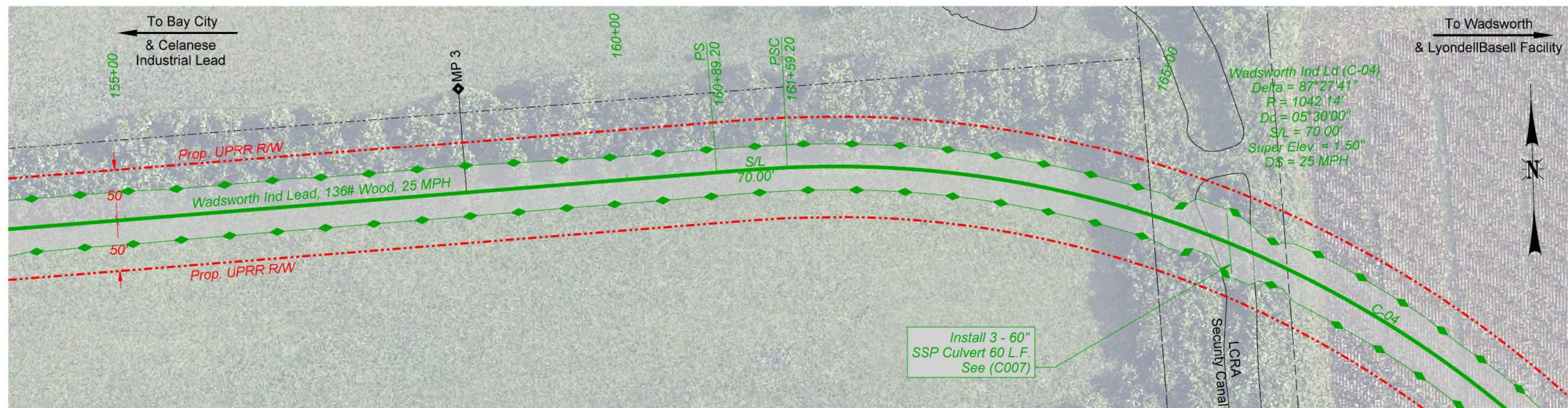
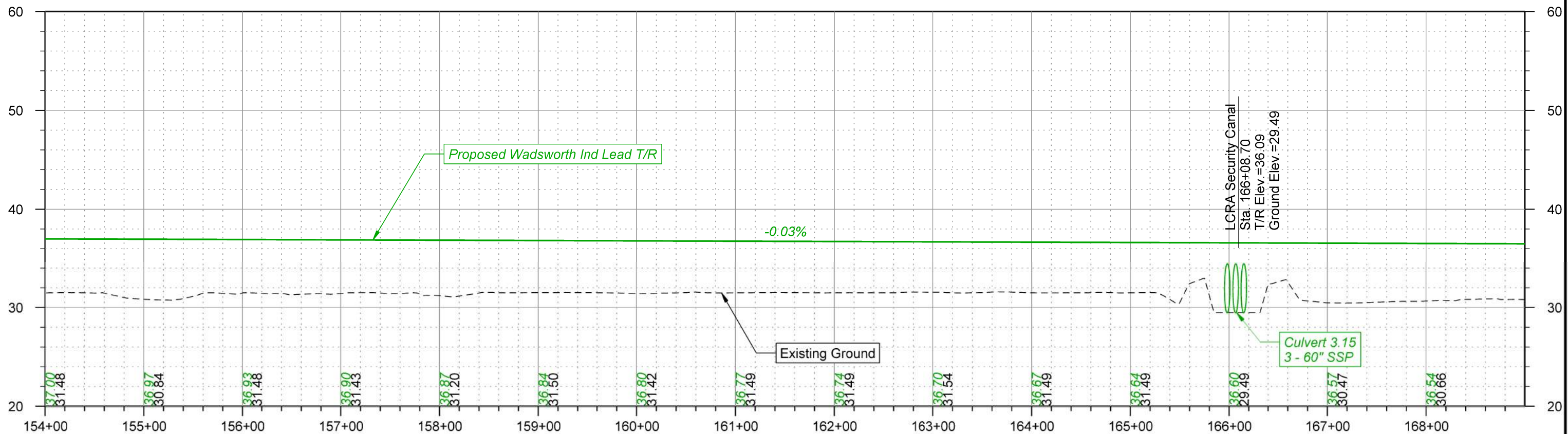
DRAWN BY: OPR
CHECKED BY: RSM
DATE: 06/05/2026
SHEET NUMBER: P005 of P022

UNION PACIFIC RAILROAD

LOCATION: WADSWORTH, TEXAS - MATAGORDA COUNTY
WADSWORTH INDUSTRIAL LEAD, MP 1.61-6.55
CELANESE INDUSTRIAL LEAD, MP 2.98

DWG TITLE: Track Plan and Profile - Wadsworth Ind Lead

DRAWING FILE: WIL-P01-19



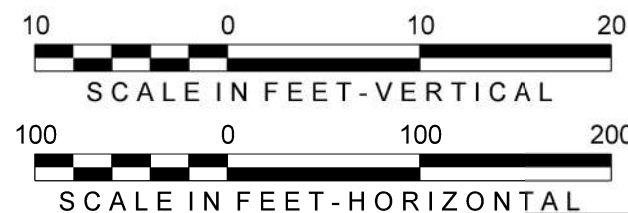
NOTES

1. Drainage items are estimated only. The actual size and location will be based on additional data and design

2. Parcel and R/W lines are to be considered approximate and are subject to change as the design progresses

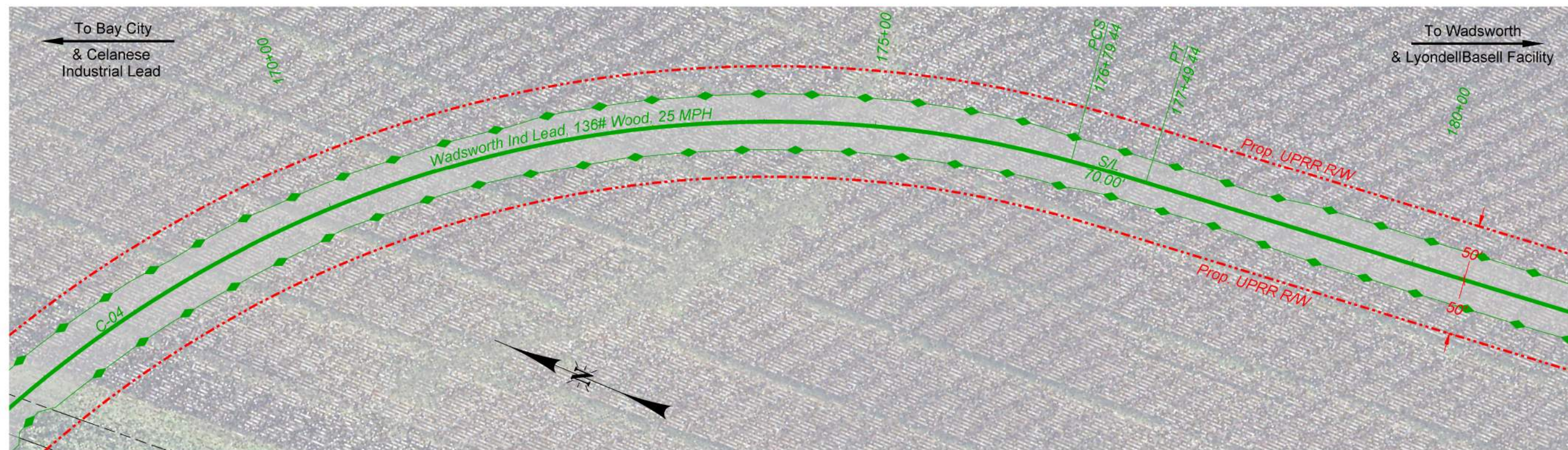
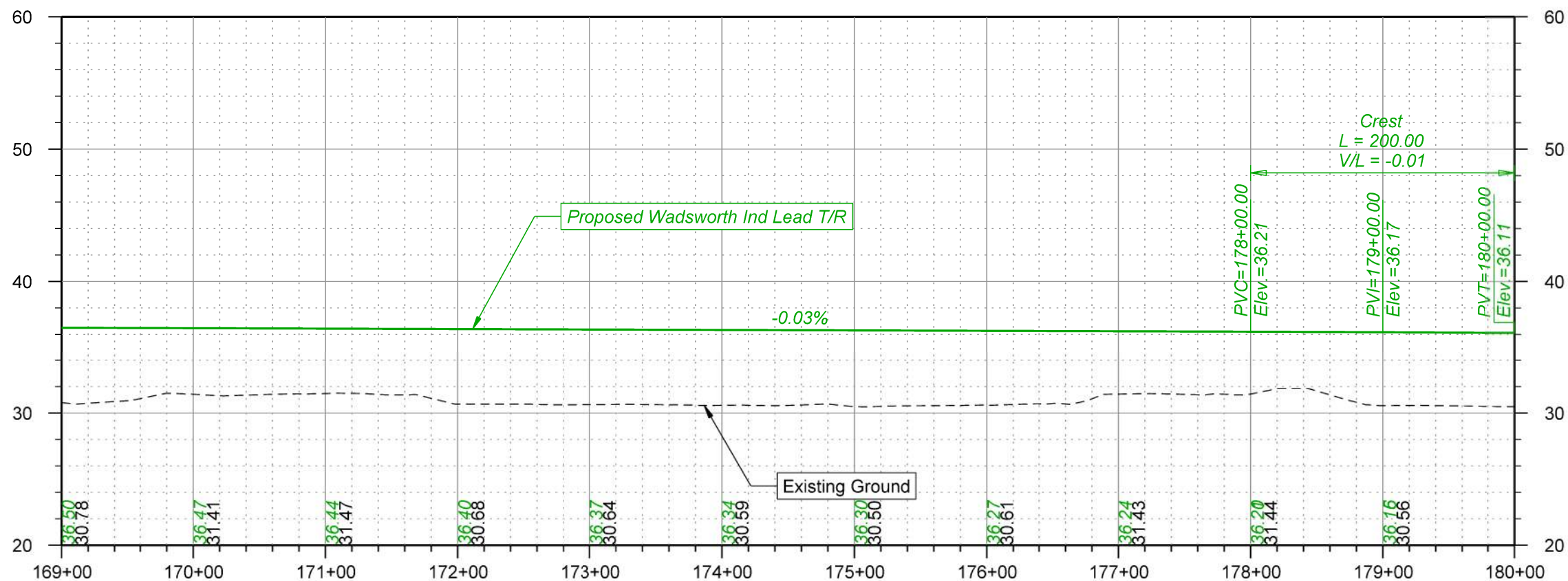
THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF INTERIM REVIEW UNDER THE AUTHORITY OF RUSSELL MCNAUGHT P.E. 144948. IT IS NOT TO BE USED FOR CONSTRUCTION, BIDDING OR PERMIT PURPOSES.

PRELIMINARY
NOT FOR CONSTRUCTION 5 JUNE 2026



DRAWN BY: OPR
CHECKED BY: RSM
DATE: 06/05/2026
SHEET NUMBER: P006 of P022

UNION PACIFIC RAILROAD
LOCATION: WADSWORTH, TEXAS - MATAGORDA COUNTY
WADSWORTH INDUSTRIAL LEAD, MP 1.61-6.55
CELANESE INDUSTRIAL LEAD, MP 2.98
DWG TITLE: Track Plan and Profile - Wadsworth Ind Lead
DRAWING FILE: WIL-P01-19



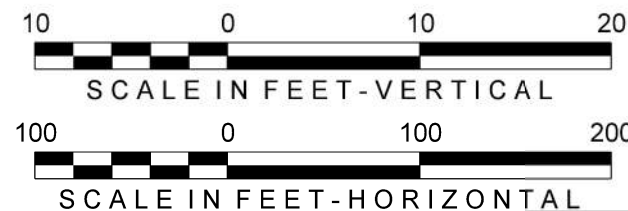
NOTES

1. Drainage items are estimated only. The actual size and location will be based on additional data and design

2. Parcel and R/W lines are to be considered approximate and are subject to change as the design progresses

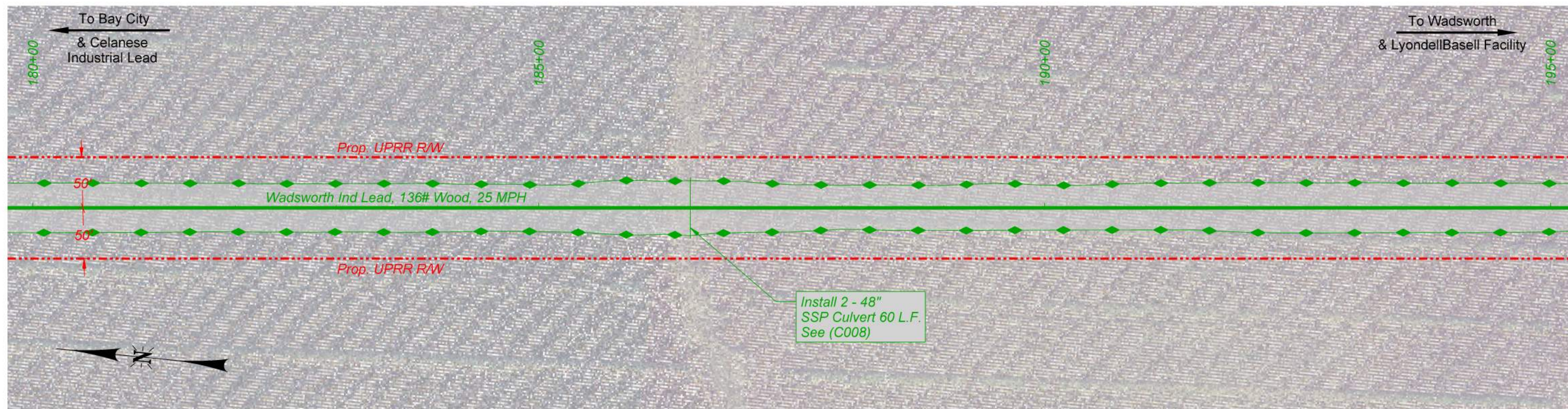
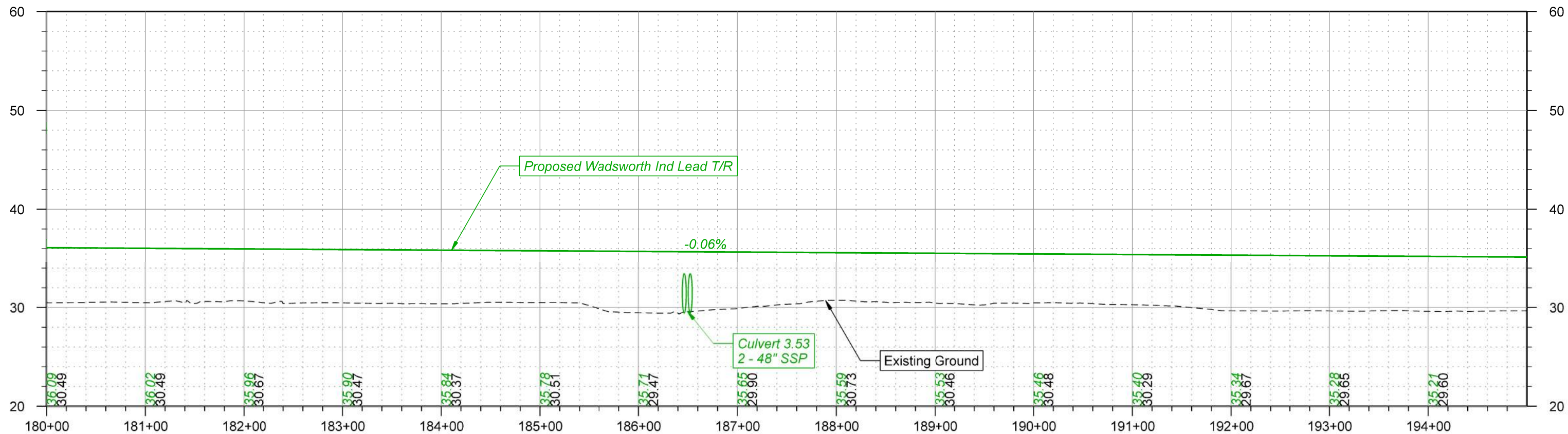
THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF INTERIM REVIEW UNDER THE AUTHORITY OF RUSSELL MCNAUGHT P.E. 144948. IT IS NOT TO BE USED FOR CONSTRUCTION, BIDDING OR PERMIT PURPOSES.

PRELIMINARY
NOT FOR CONSTRUCTION 5 JUNE 2026



DRAWN BY: OPR
CHECKED BY: RSM
DATE: 06/05/2026
SHEET NUMBER: P007 of P022

UNION PACIFIC RAILROAD
LOCATION: WADSWORTH, TEXAS - MATAGORDA COUNTY
WADSWORTH INDUSTRIAL LEAD, MP 1.61-6.55
CELANESE INDUSTRIAL LEAD, MP 2.98
DWG TITLE: Track Plan and Profile - Wadsworth Ind Lead
DRAWING FILE: WIL-P01-19



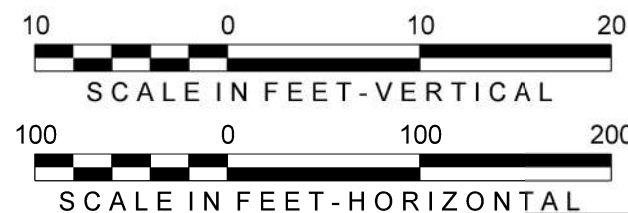
NOTES

1. Drainage items are estimated only. The actual size and location will be based on additional data and design

2. Parcel and R/W lines are to be considered approximate and are subject to change as the design progresses

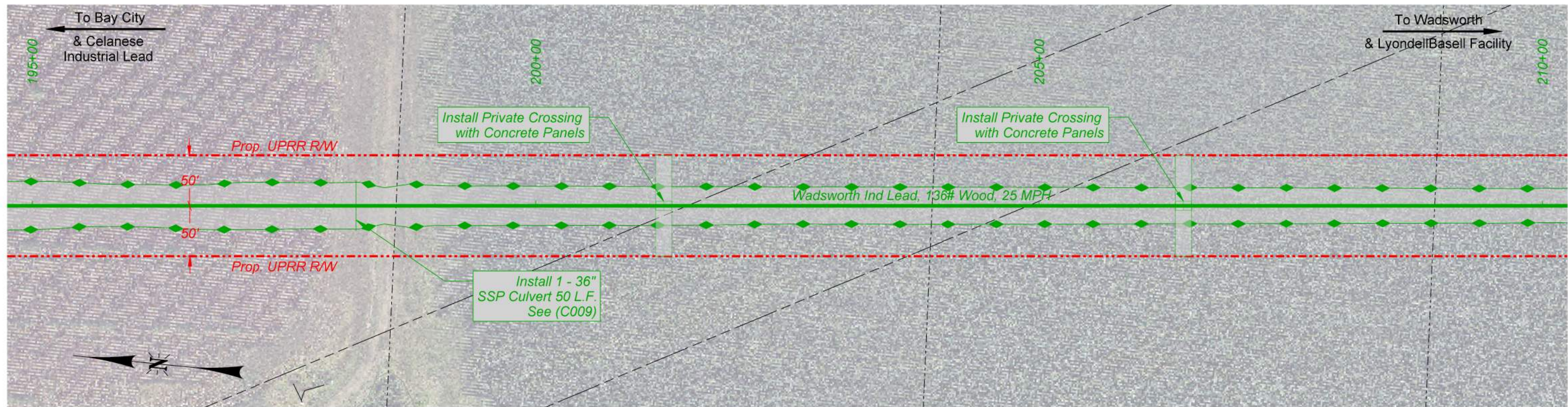
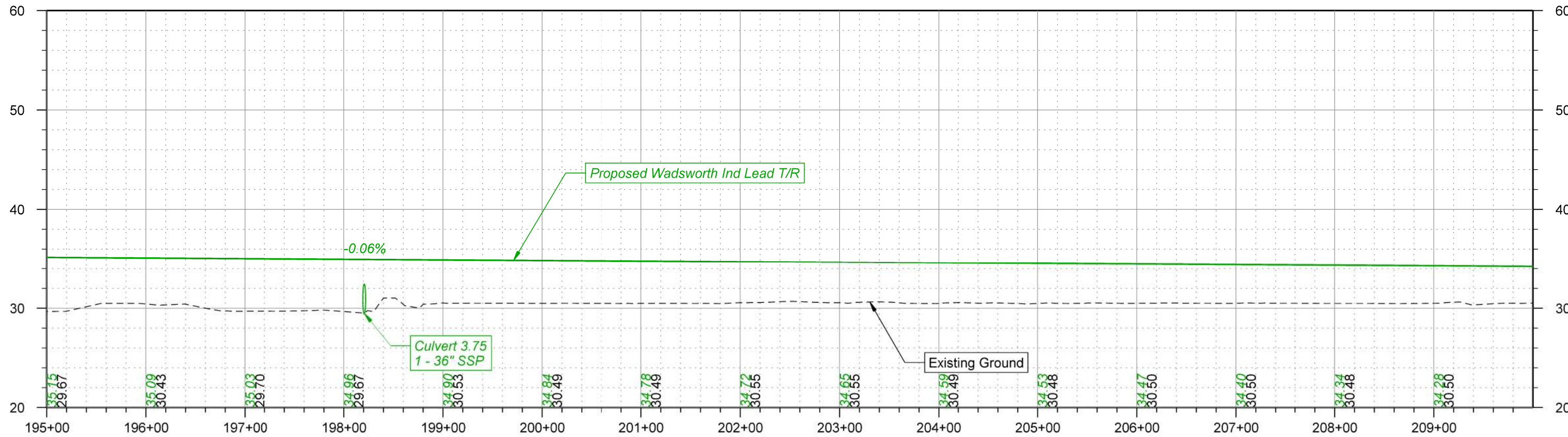
THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF INTERIM REVIEW UNDER THE AUTHORITY OF RUSSELL MCNAUGHT P.E. 144948. IT IS NOT TO BE USED FOR CONSTRUCTION, BIDDING OR PERMIT PURPOSES.

PRELIMINARY
NOT FOR CONSTRUCTION 5 JUNE 2026



DRAWN BY: OPR
CHECKED BY: RSM
DATE: 06/05/2026
SHEET NUMBER: P008 of P022

UNION PACIFIC RAILROAD
LOCATION: WADSWORTH, TEXAS - MATAGORDA COUNTY
WADSWORTH INDUSTRIAL LEAD, MP 1.61-6.55
CELANESE INDUSTRIAL LEAD, MP 2.98
DWG TITLE: Track Plan and Profile - Wadsworth Ind Lead
DRAWING FILE: WIL-P01-19



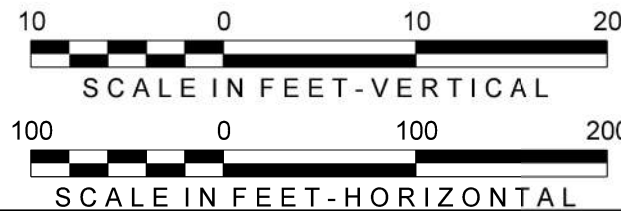
NOTES

1. Drainage items are estimated only. The actual size and location will be based on additional data and design

2. Parcel and R/W lines are to be considered approximate and are subject to change as the design progresses

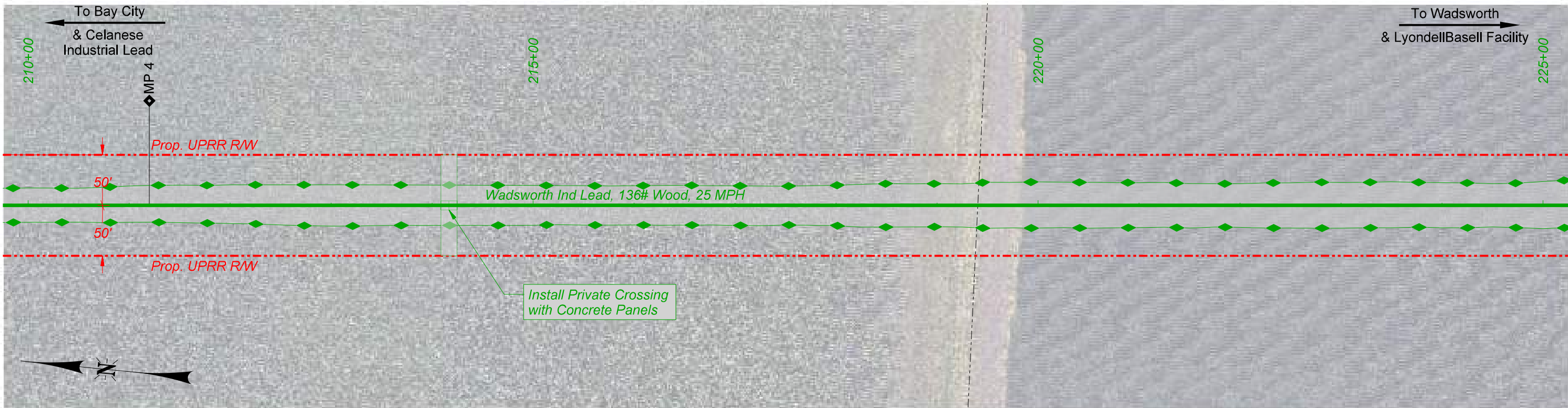
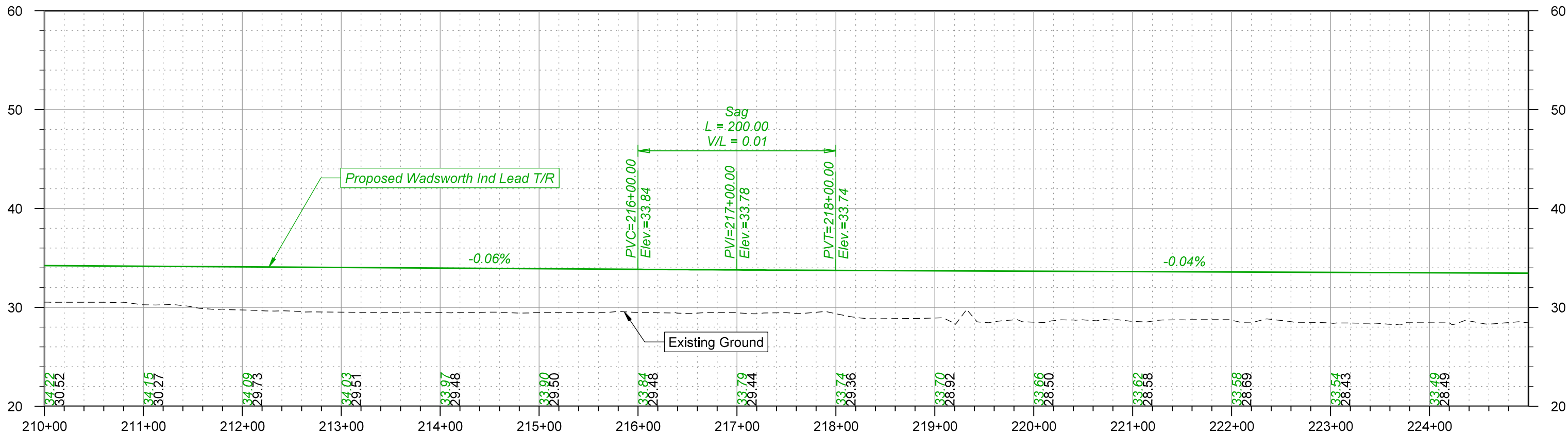
THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF INTERIM REVIEW UNDER THE AUTHORITY OF RUSSELL MCNAUGHT P.E. 144948. IT IS NOT TO BE USED FOR CONSTRUCTION, BIDDING OR PERMIT PURPOSES.

PRELIMINARY
NOT FOR CONSTRUCTION 5 JUNE 2026



DRAWN BY: OPR
CHECKED BY: RSM
DATE: 06/05/2026
SHEET NUMBER: P009 of P022

UNION PACIFIC RAILROAD
LOCATION: WADSWORTH, TEXAS - MATAGORDA COUNTY
WADSWORTH INDUSTRIAL LEAD, MP 1.61-6.55
CELANESE INDUSTRIAL LEAD, MP 2.98
DWG TITLE: Track Plan and Profile - Wadsworth Ind Lead
DRAWING FILE: WIL-P01-19



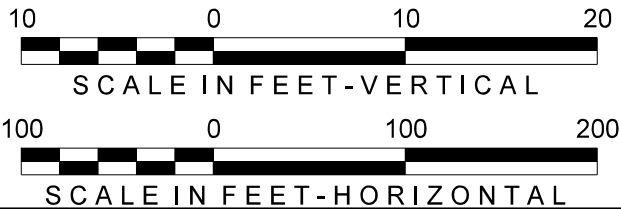
NOTES

1. Drainage items are estimated only. The actual size and location will be based on additional data and design

2. Parcel and R/W lines are to be considered approximate and are subject to change as the design progresses

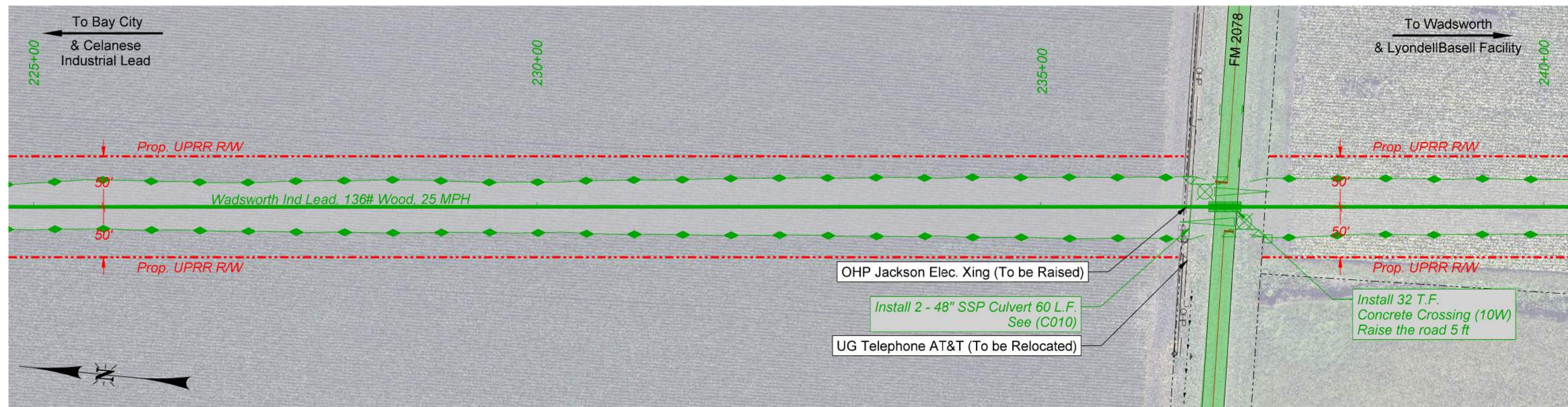
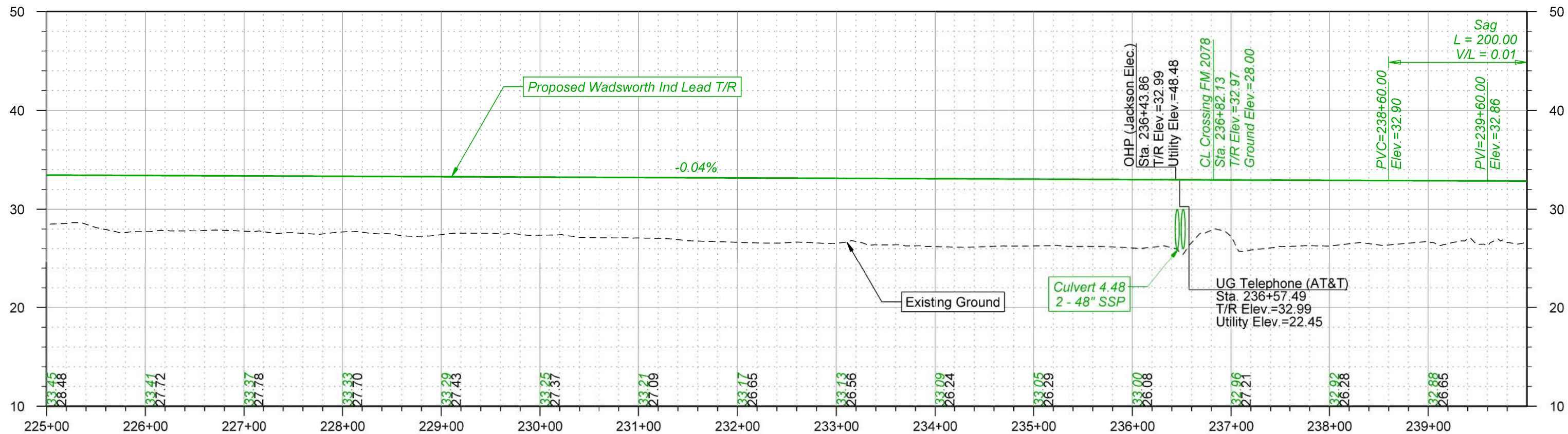
THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF INTERIM REVIEW UNDER THE AUTHORITY OF RUSSELL MCNAUGHT P.E. 144948. IT IS NOT TO BE USED FOR CONSTRUCTION, BIDDING OR PERMIT PURPOSES.

PRELIMINARY
NOT FOR CONSTRUCTION 5 JUNE 2026



DRAWN BY: OPR
CHECKED BY: RSM
DATE: 06/05/2026
SHEET NUMBER: P010 of P022

UNION PACIFIC RAILROAD	
LOCATION:	WADSWORTH, TEXAS - MATAGORDA COUNTY WADSWORTH INDUSTRIAL LEAD, MP 1.61-6.55 CELANESE INDUSTRIAL LEAD, MP 2.98
DWG TITLE:	Track Plan and Profile - Wadsworth Ind Lead
DRAWING FILE:	WIL-P01-19



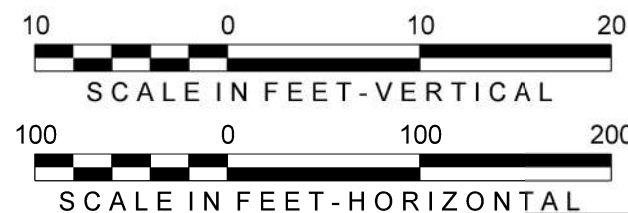
NOTES

1. Drainage items are estimated only. The actual size and location will be based on additional data and design

2. Parcel and R/W lines are to be considered approximate and are subject to change as the design progresses

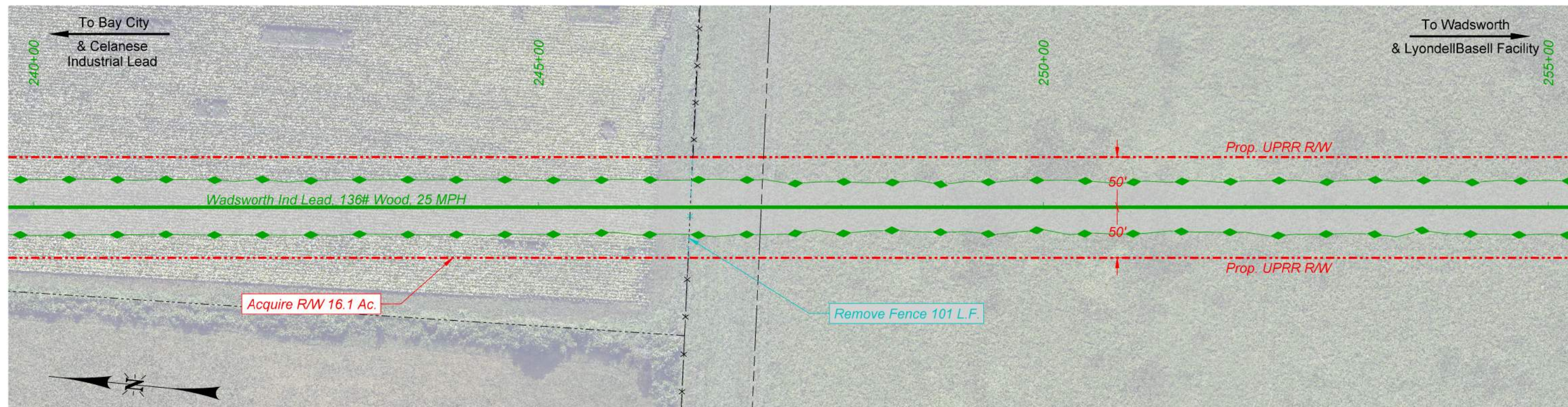
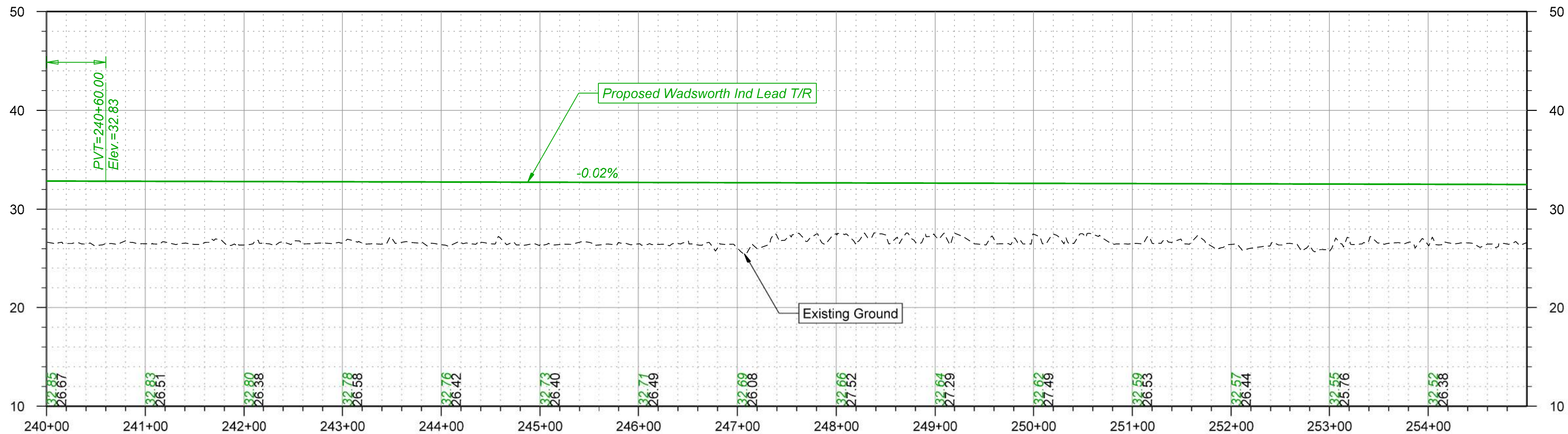
THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF INTERIM REVIEW UNDER THE AUTHORITY OF RUSSELL MCNAUGHT P.E. 144948. IT IS NOT TO BE USED FOR CONSTRUCTION, BIDDING OR PERMIT PURPOSES.

PRELIMINARY
NOT FOR CONSTRUCTION 5 JUNE 2026



DRAWN BY: OPR
CHECKED BY: RSM
DATE: 06/05/2026
SHEET NUMBER: P011 of P022

UNION PACIFIC RAILROAD
LOCATION: WADSWORTH, TEXAS - MATAGORDA COUNTY
WADSWORTH INDUSTRIAL LEAD, MP 1.61-6.55
CELANESE INDUSTRIAL LEAD, MP 2.98
DWG TITLE: Track Plan and Profile - Wadsworth Ind Lead
DRAWING FILE: WIL-P01-19



NOTES

1. Drainage items are estimated only. The actual size and location will be based on additional data and design

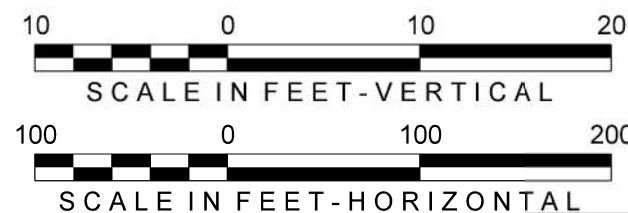
2. Parcel and R/W lines are to be considered approximate and are subject to change as the design progresses

THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF INTERIM REVIEW UNDER THE AUTHORITY OF RUSSELL MCNAUGHT P.E. 144948. IT IS NOT TO BE USED FOR CONSTRUCTION, BIDDING OR PERMIT PURPOSES.

PRELIMINARY

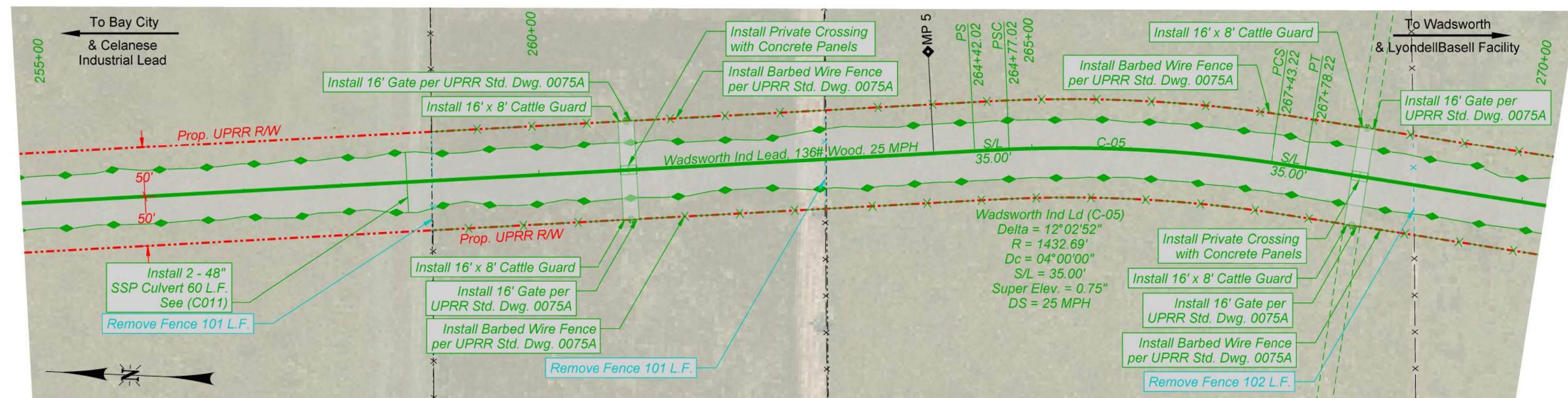
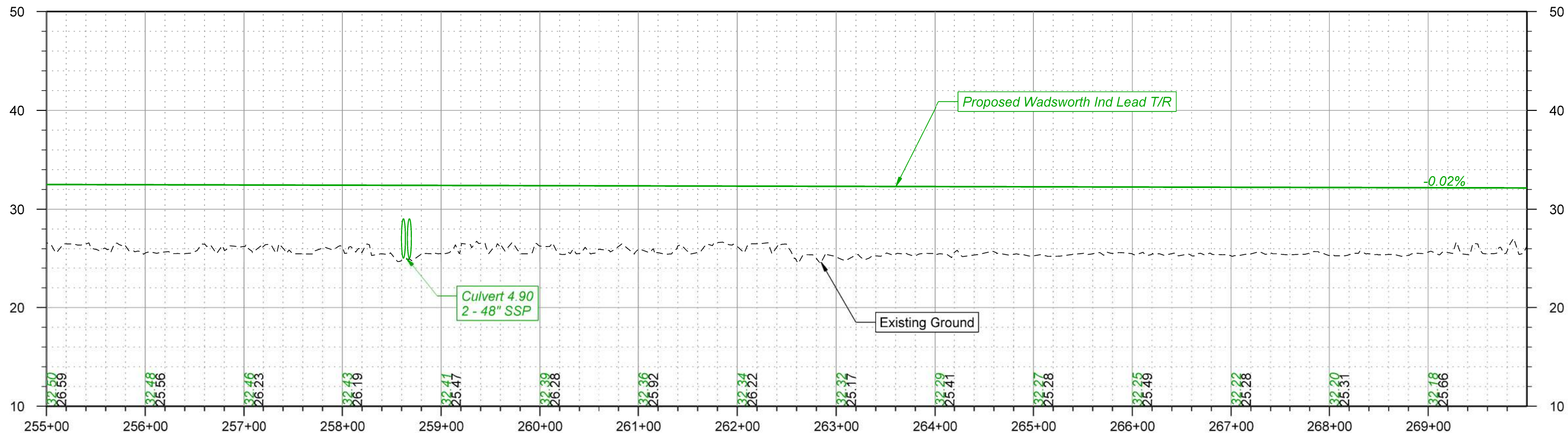
NOT FOR CONSTRUCTION

5 JUNE 2026



DRAWN BY: OPR
CHECKED BY: RSM
DATE: 06/05/2026
SHEET NUMBER: P012 of P022

UNION PACIFIC RAILROAD
LOCATION: WADSWORTH, TEXAS - MATAGORDA COUNTY
WADSWORTH INDUSTRIAL LEAD, MP 1.61-6.55
CELANESE INDUSTRIAL LEAD, MP 2.98
DWG TITLE: Track Plan and Profile - Wadsworth Ind Lead
DRAWING FILE: WIL-P01-19



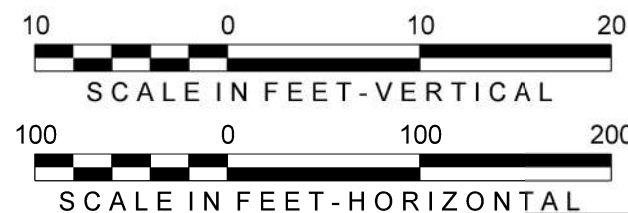
NOTES

1. Drainage items are estimated only. The actual size and location will be based on additional data and design

2. Parcel and R/W lines are to be considered approximate and are subject to change as the design progresses

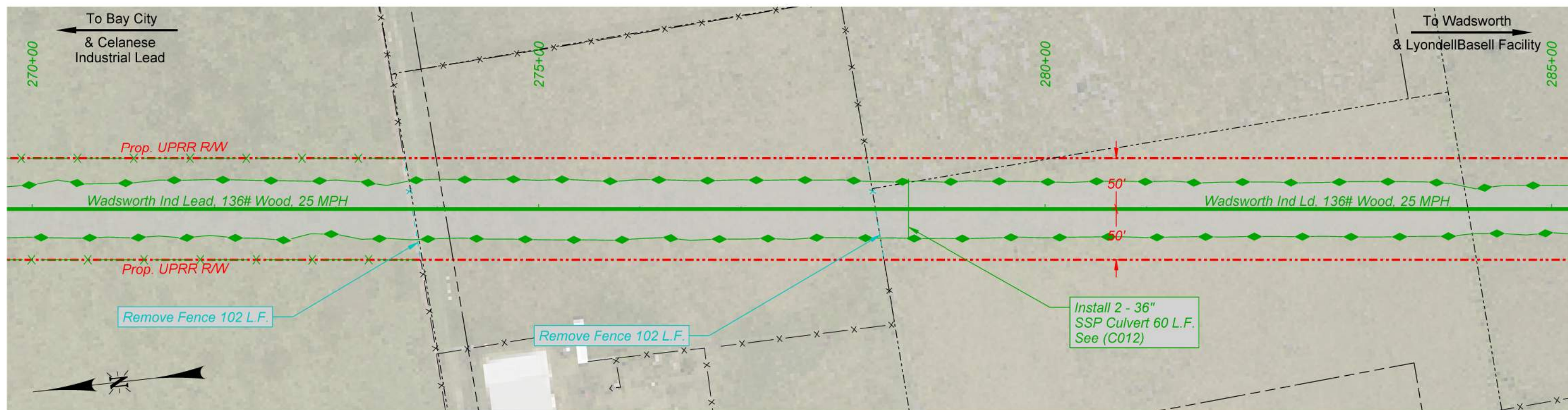
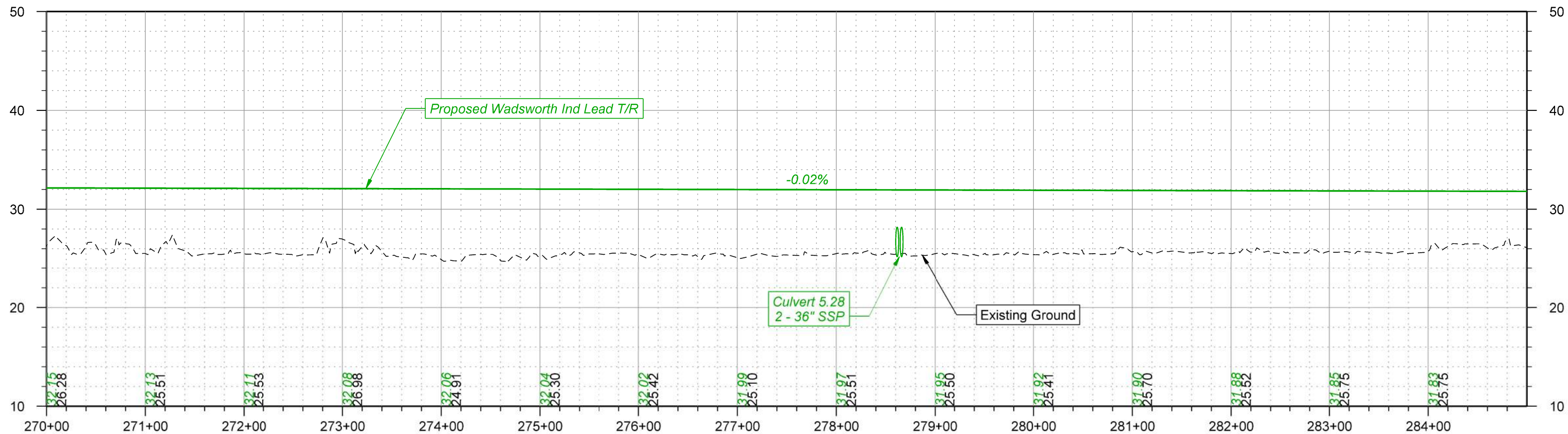
THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF INTERIM REVIEW UNDER THE AUTHORITY OF RUSSELL MCNAUGHT P.E. 144948. IT IS NOT TO BE USED FOR CONSTRUCTION, BIDDING OR PERMIT PURPOSES.

PRELIMINARY
 NOT FOR CONSTRUCTION 5 JUNE 2026



DRAWN BY: OPR
 CHECKED BY: RSM
 DATE: 06/05/2026
 SHEET NUMBER: P013 of P022

UNION PACIFIC RAILROAD
 LOCATION: WADSWORTH, TEXAS - MATAGORDA COUNTY
 WADSWORTH INDUSTRIAL LEAD, MP 1.61-6.55
 CELANESE INDUSTRIAL LEAD, MP 2.98
 DWG TITLE: Track Plan and Profile - Wadsworth Ind Lead
 DRAWING FILE: WIL-P01-19



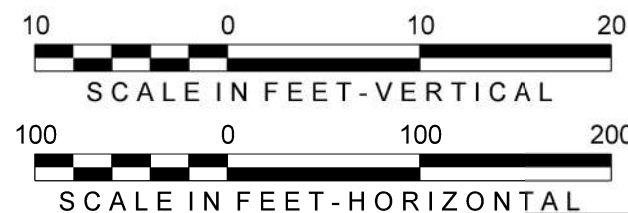
NOTES

1. Drainage items are estimated only. The actual size and location will be based on additional data and design

2. Parcel and R/W lines are to be considered approximate and are subject to change as the design progresses

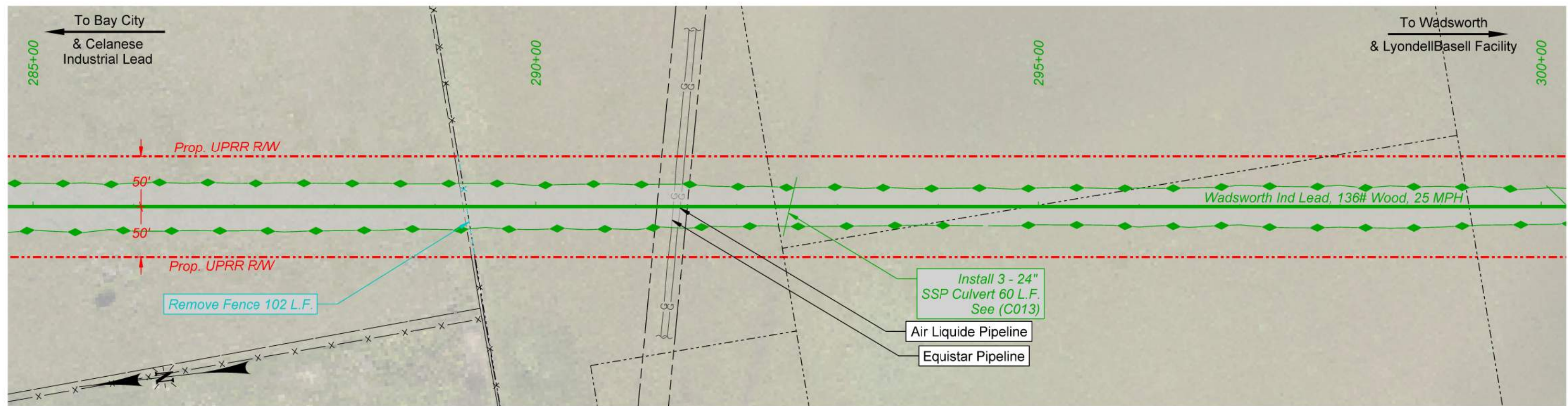
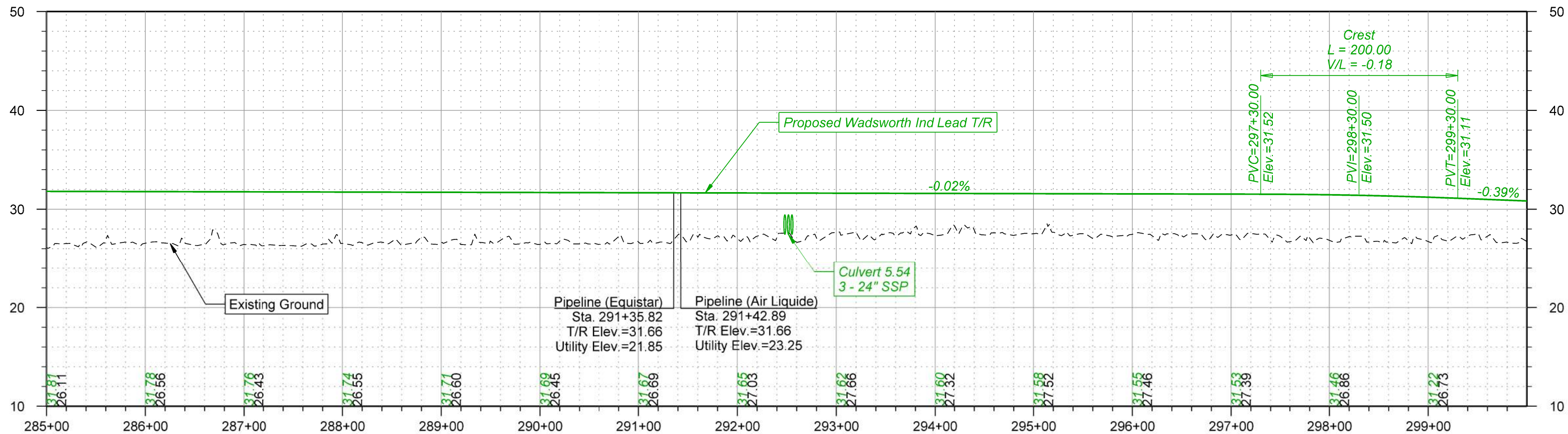
THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF INTERIM REVIEW UNDER THE AUTHORITY OF RUSSELL MCNAUGHT P.E. 144948. IT IS NOT TO BE USED FOR CONSTRUCTION, BIDDING OR PERMIT PURPOSES.

PRELIMINARY
NOT FOR CONSTRUCTION 5 JUNE 2026



DRAWN BY: OPR
CHECKED BY: RSM
DATE: 06/05/2026
SHEET NUMBER: P014 of P022

UNION PACIFIC RAILROAD
LOCATION: WADSWORTH, TEXAS - MATAGORDA COUNTY
WADSWORTH INDUSTRIAL LEAD, MP 1.61-6.55
CELANESE INDUSTRIAL LEAD, MP 2.98
DWG TITLE: Track Plan and Profile - Wadsworth Ind Lead
DRAWING FILE: WIL-P01-19



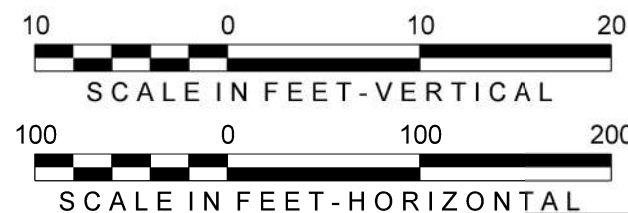
NOTES

1. Drainage items are estimated only. The actual size and location will be based on additional data and design

2. Parcel and R/W lines are to be considered approximate and are subject to change as the design progresses

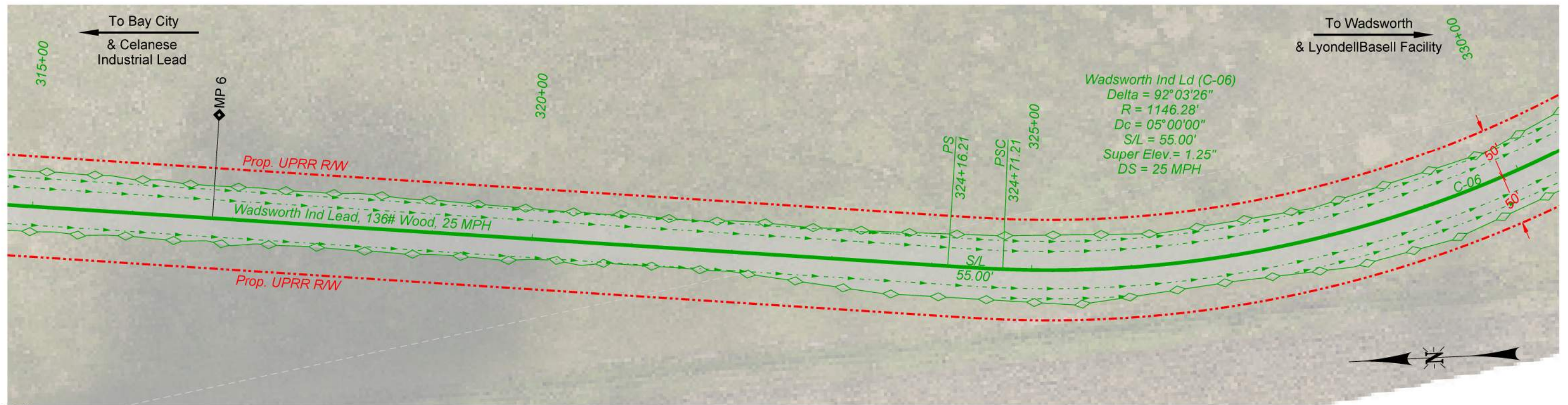
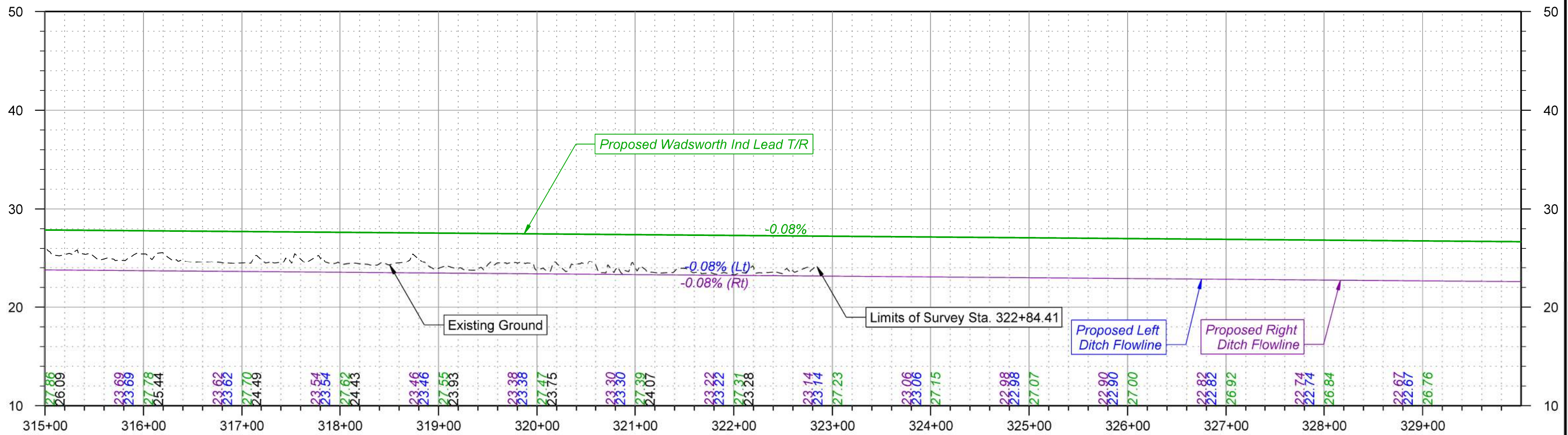
THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF INTERIM REVIEW UNDER THE AUTHORITY OF RUSSELL MCNAUGHT P.E. 144948. IT IS NOT TO BE USED FOR CONSTRUCTION, BIDDING OR PERMIT PURPOSES.

PRELIMINARY
NOT FOR CONSTRUCTION 5 JUNE 2026



DRAWN BY: OPR
CHECKED BY: RSM
DATE: 06/05/2026
SHEET NUMBER: P015 of P022

UNION PACIFIC RAILROAD
LOCATION: WADSWORTH, TEXAS - MATAGORDA COUNTY
WADSWORTH INDUSTRIAL LEAD, MP 1.61-6.55
CELANESE INDUSTRIAL LEAD, MP 2.98
DWG TITLE: Track Plan and Profile - Wadsworth Ind Lead
DRAWING FILE: WIL-P01-19

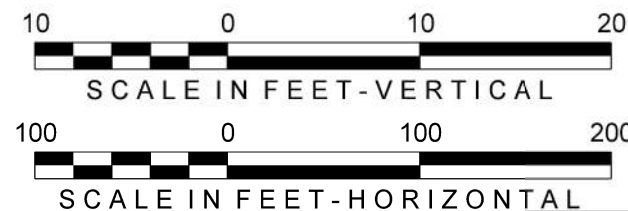


NOTES

1. Drainage items are estimated only. The actual size and location will be based on additional data and design
2. Survey gap identified from Sta. 322+00 to Sta. 333+25
3. Parcel and R/W lines are to be considered approximate and are subject to change as the design progresses

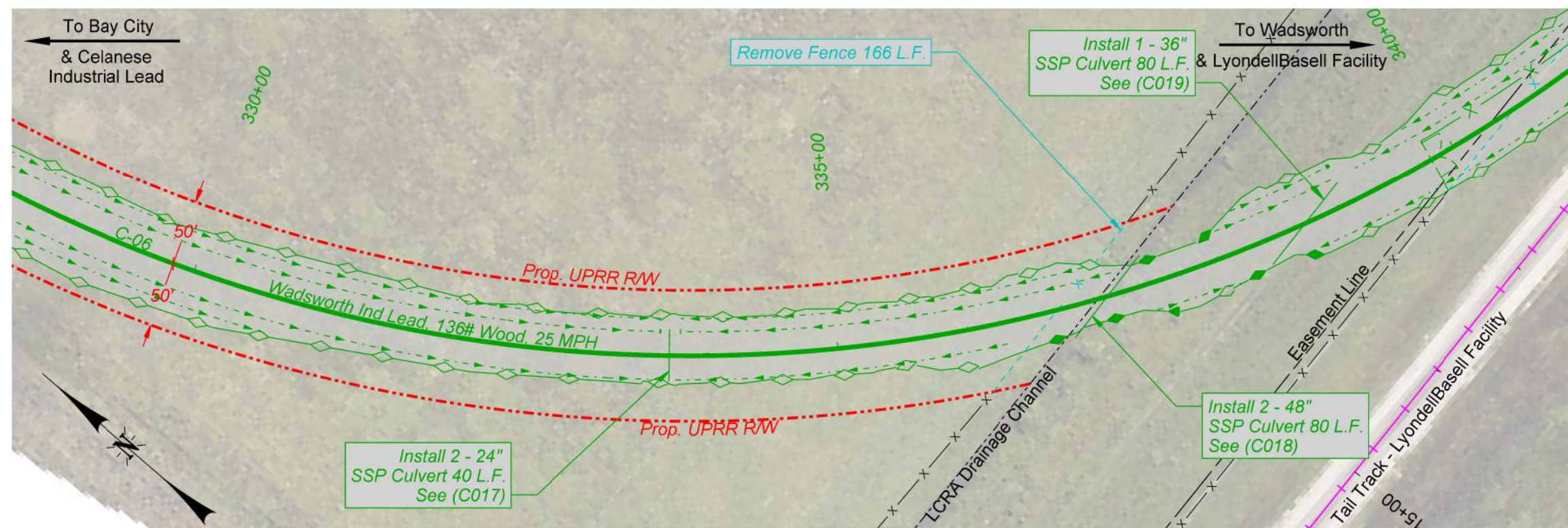
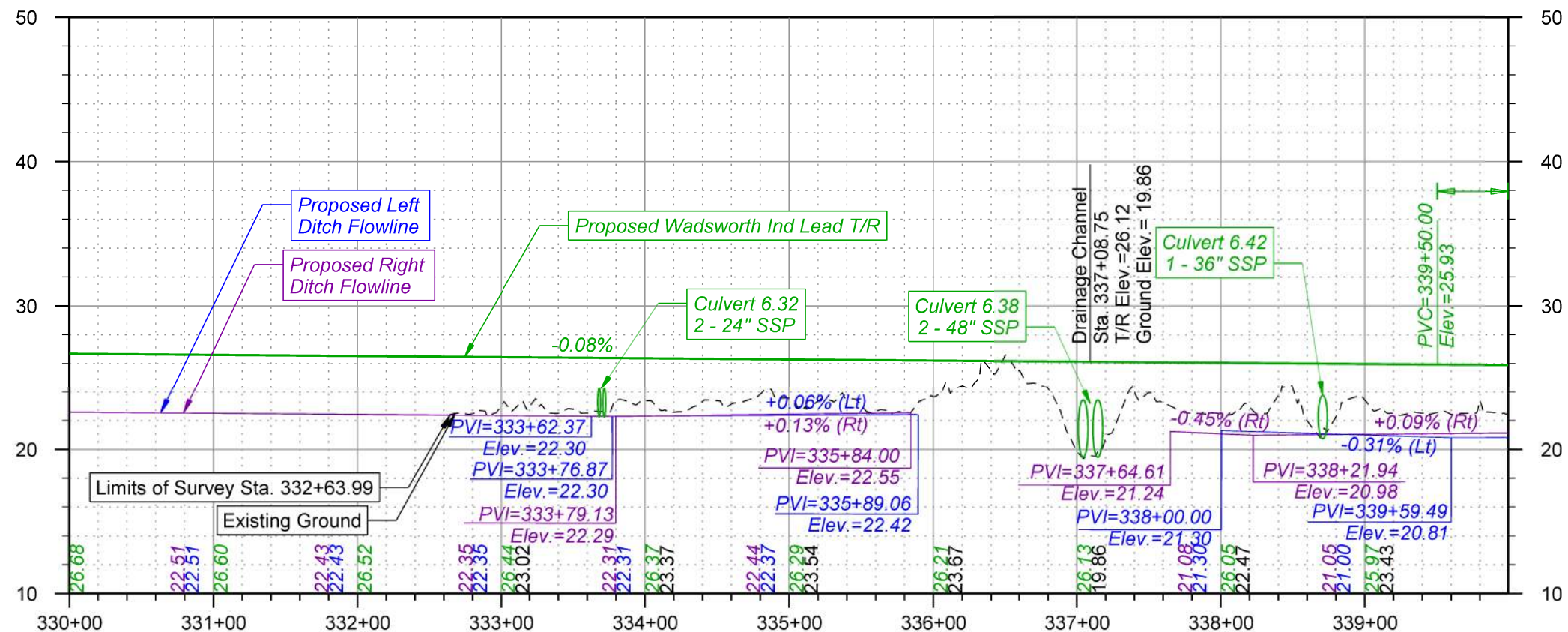
THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF INTERIM REVIEW UNDER THE AUTHORITY OF RUSSELL MCNAUGHT P.E. 144948. IT IS NOT TO BE USED FOR CONSTRUCTION, BIDDING OR PERMIT PURPOSES.

PRELIMINARY
NOT FOR CONSTRUCTION 5 JUNE 2026



DRAWN BY: OPR
CHECKED BY: RSM
DATE: 06/05/2026
SHEET NUMBER: P017 of P022

UNION PACIFIC RAILROAD
LOCATION: WADSWORTH, TEXAS - MATAGORDA COUNTY
WADSWORTH INDUSTRIAL LEAD, MP 1.61-6.55
CELANESE INDUSTRIAL LEAD, MP 2.98
DWG TITLE: Track Plan and Profile - Wadsworth Ind Lead
DRAWING FILE: WIL-P01-19



NOTES

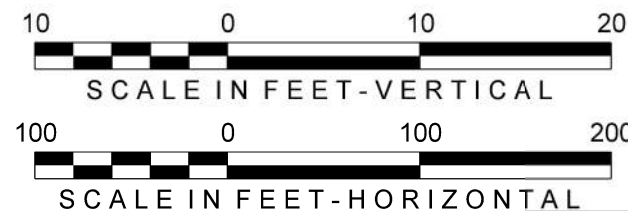
1. Drainage items are estimated only. The actual size and location will be based on additional data and design.
2. Survey gap identified from Sta. 322+00 to Sta. 333+25.
3. Parcel and R/W lines are to be considered approximate and are subject to change as the design progresses.

THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF INTERIM REVIEW UNDER THE AUTHORITY OF RUSSELL MCNAUGHT P.E. 144948. IT IS NOT TO BE USED FOR CONSTRUCTION, BIDDING OR PERMIT PURPOSES.

PRELIMINARY

NOT FOR CONSTRUCTION

5 JUNE 2026



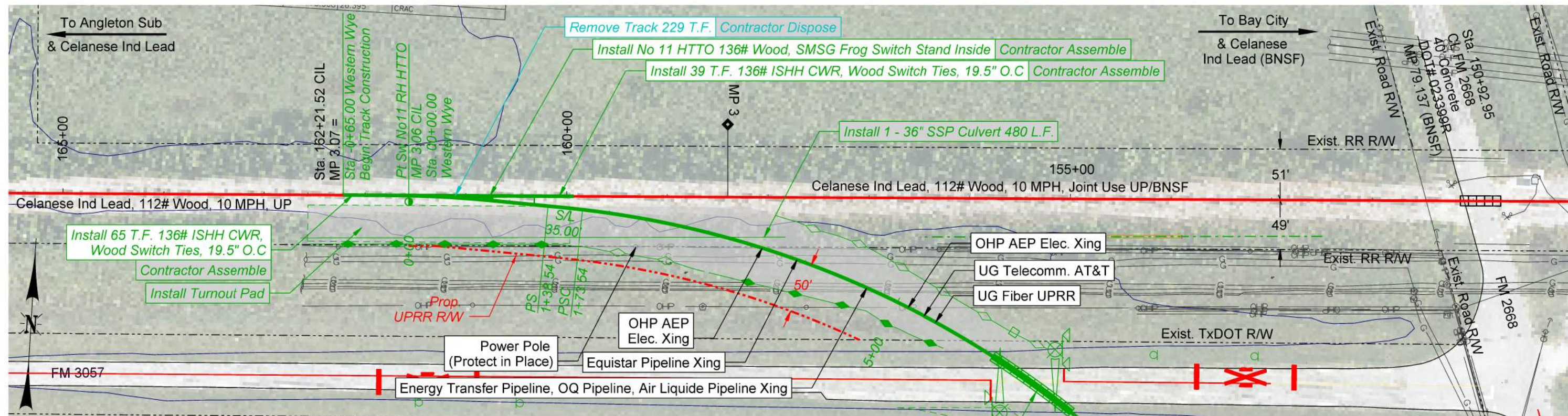
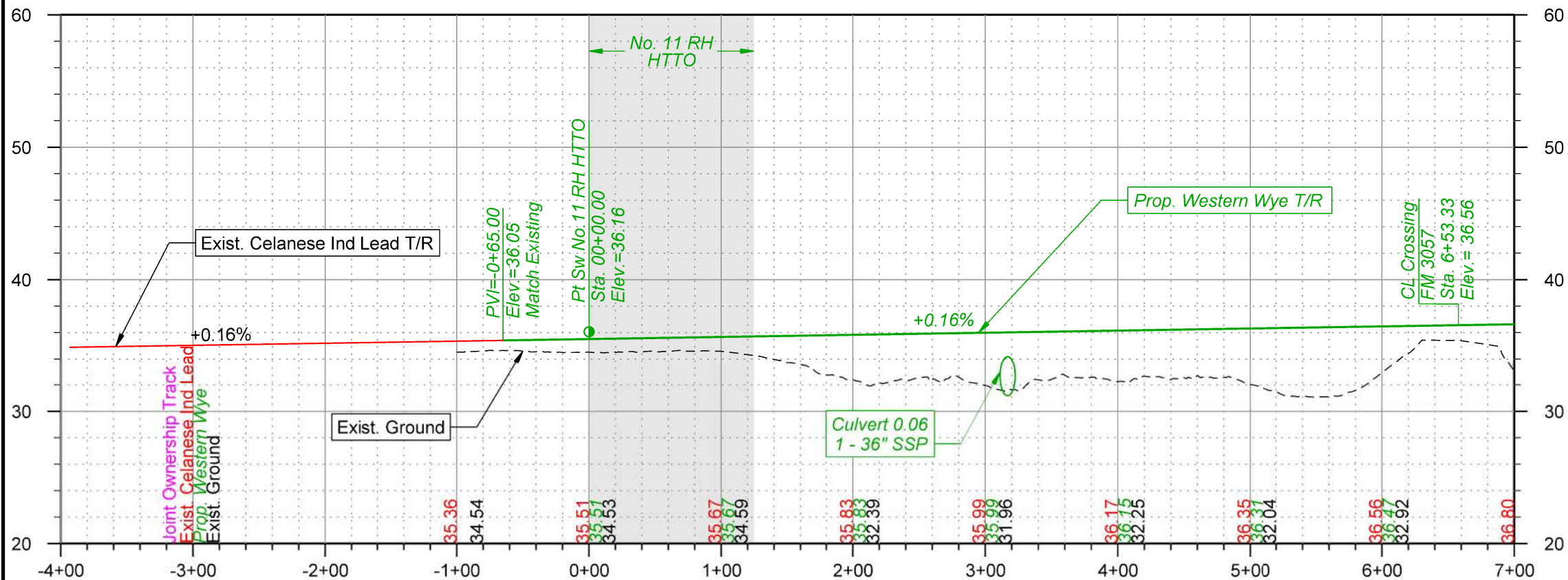
DRAWN BY: OPR
CHECKED BY: RSM
DATE: 06/05/2026
SHEET NUMBER: P018 of P022

UNION PACIFIC RAILROAD

LOCATION: WADSWORTH, TEXAS - MATAGORDA COUNTY
WADSWORTH INDUSTRIAL LEAD, MP 1.61-6.55
CELANESE INDUSTRIAL LEAD, MP 2.98

DWG TITLE: Track Plan and Profile - Wadsworth Ind Lead

DRAWING FILE: WIL-P01-19



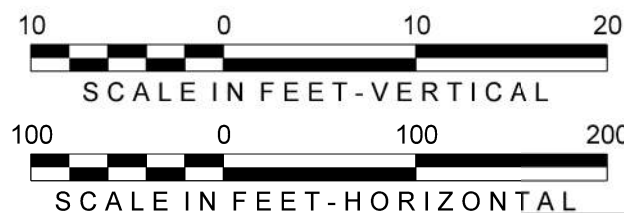
NOTES

1. Drainage items are estimated only. The actual size and location will be based on additional data and design

2. Parcel and R/W lines are to be considered approximate and are subject to change as the design progresses

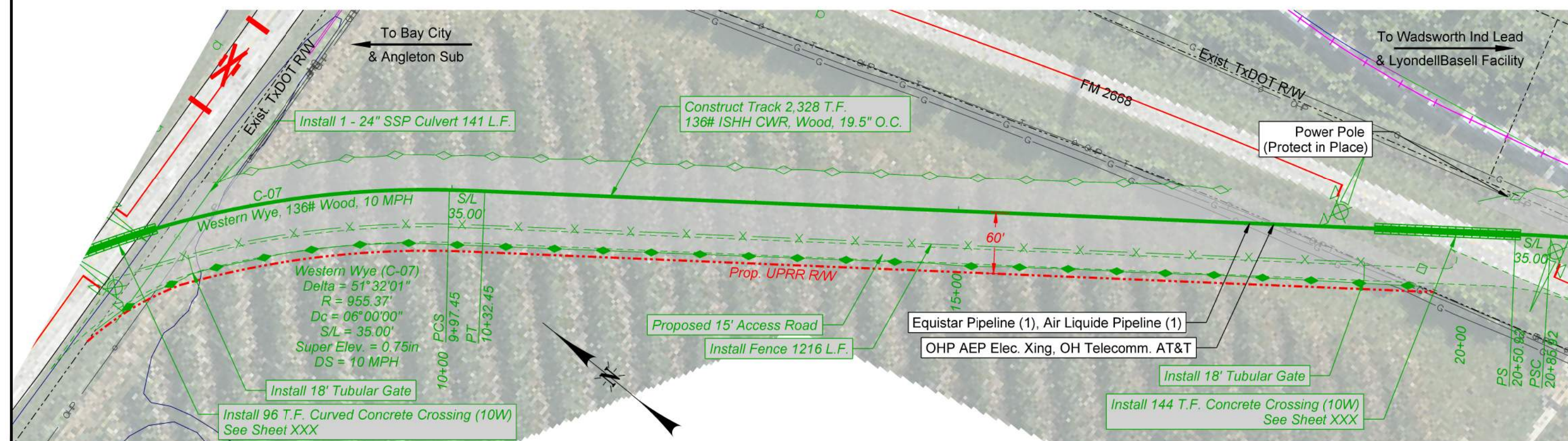
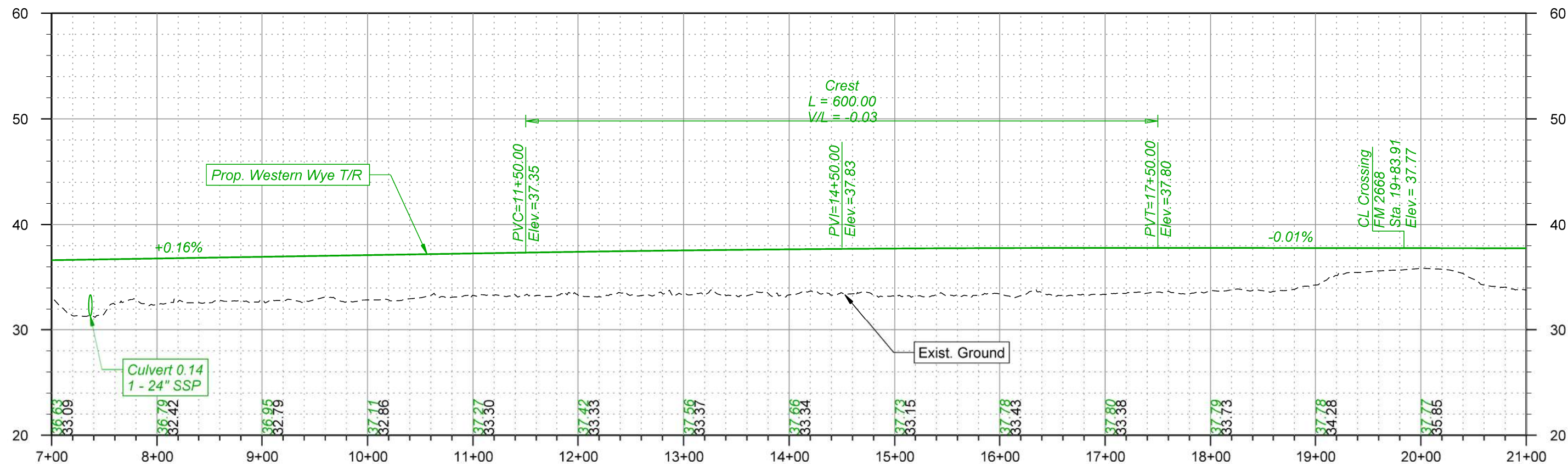
THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF INTERIM REVIEW UNDER THE AUTHORITY OF RUSSELL MCNAUGHT P.E. 144948. IT IS NOT TO BE USED FOR CONSTRUCTION, BIDDING OR PERMIT PURPOSES.

PRELIMINARY
NOT FOR CONSTRUCTION 5 JUNE 2026



DRAWN BY: OPR
CHECKED BY: RSM
DATE: 06/05/2026
SHEET NUMBER: P020 of P022

UNION PACIFIC RAILROAD
LOCATION: WADSWORTH, TEXAS - MATAGORDA COUNTY
WADSWORTH INDUSTRIAL LEAD, MP 1.61-6.55
CELANESE INDUSTRIAL LEAD, MP 2.98
DWG TITLE: Track Plan and Profile - Western Wye
DRAWING FILE: WWye-PPL



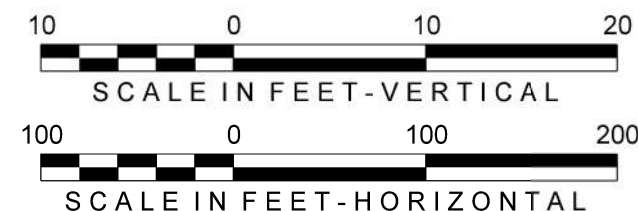
NOTES

1. Drainage items are estimated only. The actual size and location will be based on additional data and design

2. Parcel and R/W lines are to be considered approximate and are subject to change as the design progresses

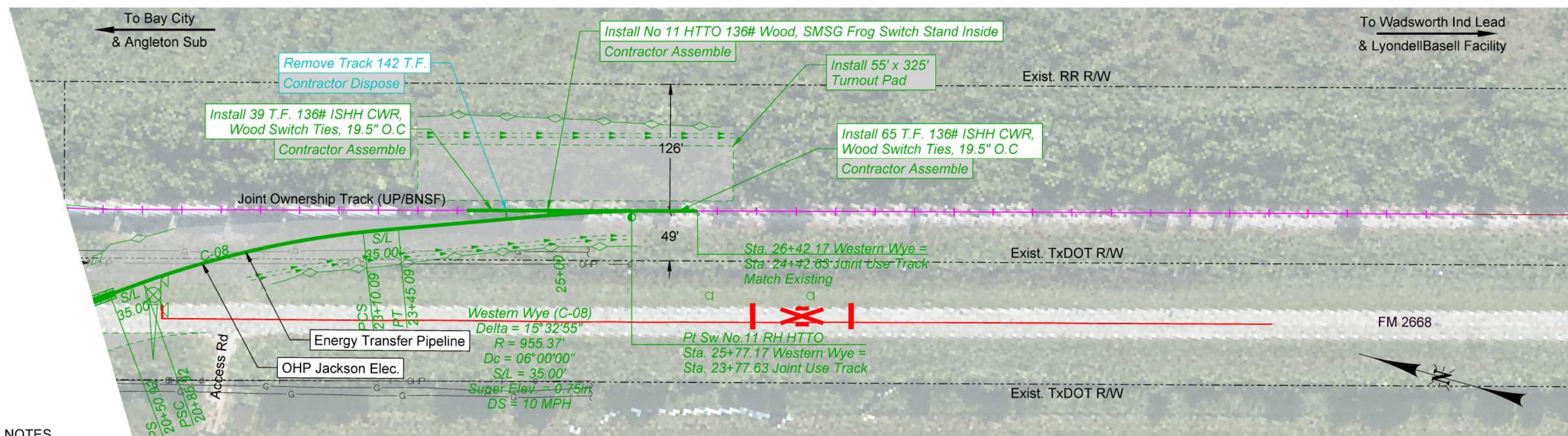
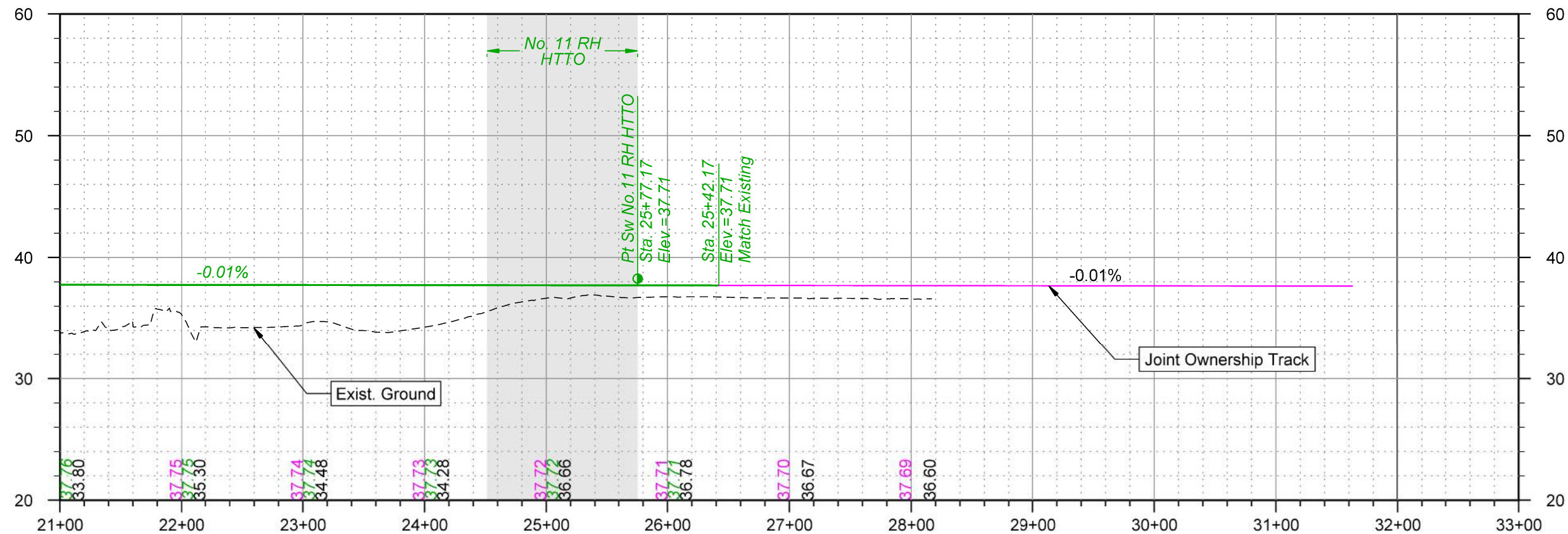
THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF INTERIM REVIEW UNDER THE AUTHORITY OF RUSSELL MCNAUGHT P.E. 144948. IT IS NOT TO BE USED FOR CONSTRUCTION, BIDDING OR PERMIT PURPOSES.

PRELIMINARY
NOT FOR CONSTRUCTION 5 JUNE 2026



 TEXAS P.E. FIRM REGISTRATION NO. F-754		DRAWN BY: OPR	UNION PACIFIC RAILROAD
		CHECKED BY: RSM	
		DATE: 06/05/2026	
		SHEET NUMBER: P021 of P022	
		LOCATION: WADSWORTH, TEXAS - MATAGORDA COUNTY WADSWORTH INDUSTRIAL LEAD, MP 1.61-6.55 CELANESE INDUSTRIAL LEAD, MP 2.98	DRAWING FILE: WWye-PPL
		DWG TITLE: Track Plan and Profile - Western Wye	

Color table:
HDR-UPRR_V81.pentable.tbl
pwr://HDR_US_Central/01//
WTL-Western-Wye - Plan 2 [Sheet]
6/4/2026



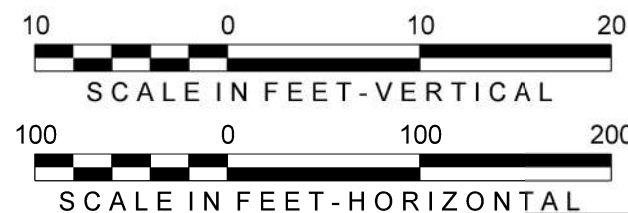
NOTES

1. Drainage items are estimated only. The actual size and location will be based on additional data and design

2. Parcel and R/W lines are to be considered approximate and are subject to change as the design progresses

THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF INTERIM REVIEW UNDER THE AUTHORITY OF RUSSELL MCNAUGHT P.E. 144948. IT IS NOT TO BE USED FOR CONSTRUCTION, BIDDING OR PERMIT PURPOSES.

PRELIMINARY
NOT FOR CONSTRUCTION 5 JUNE 2026



DRAWN BY: OPR
CHECKED BY: RSM
DATE: 06/05/2026
SHEET NUMBER: P022 of P022

UNION PACIFIC RAILROAD
LOCATION: WADSWORTH, TEXAS - MATAGORDA COUNTY
WADSWORTH INDUSTRIAL LEAD, MP 1.61-6.55
CELANESE INDUSTRIAL LEAD, MP 2.98
DRAWING TITLE: Track Plan and Profile - Western Wye
DRAWING FILE: WWye-PPL

Color table:
HDR-UPRR_V81_centtable.tbl
pwr://HDR_US_Central_01///
Typical Section - WIL
6/4/2026

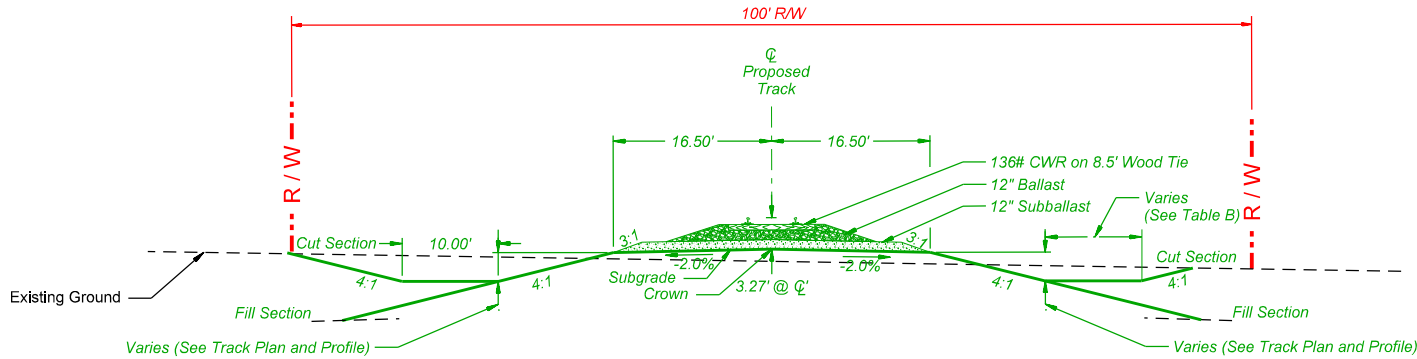
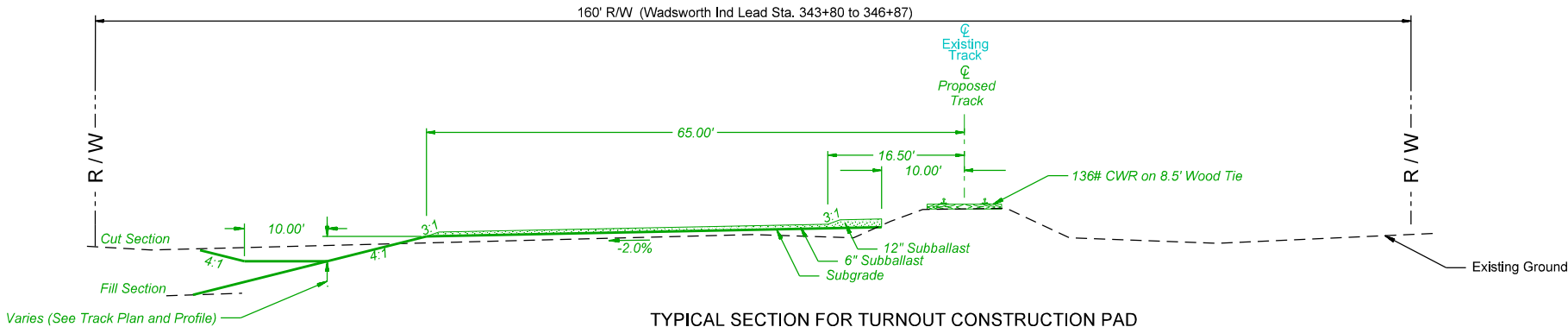


TABLE B			
TRACK	BEGIN STA.	END STA.	WIDTH
WIL	88+78	107+00	6'
WIL	301+24	341+38	0

TABLE C		
ROAD	BEGIN STA.	END STA.
Gilmore Rd	88+38.57	88+62.57
FM 2078	236+67.00	236+99.00
FM 521	307+44.62	308+32.62



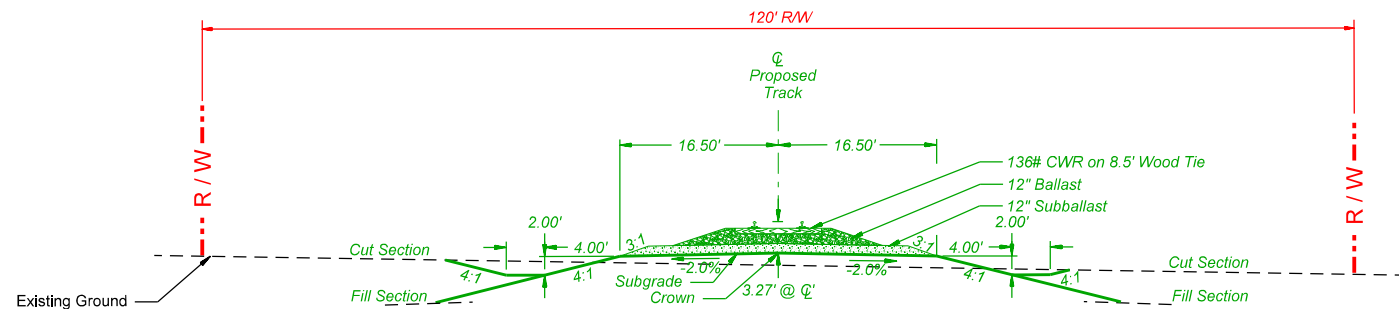
THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF INTERIM REVIEW UNDER THE AUTHORITY OF RUSSELL MCNAUGHT P.E. 144948. IT IS NOT TO BE USED FOR CONSTRUCTION, BIDDING OR PERMIT PURPOSES.

PRELIMINARY
NOT FOR CONSTRUCTION 5 JUNE 2026

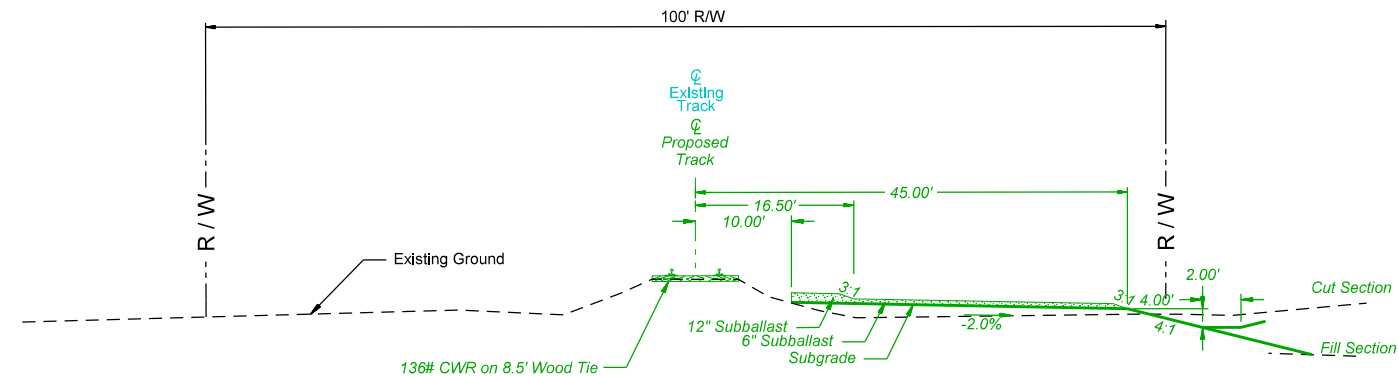


DRAWN BY: OPR
CHECKED BY: RSM
DATE: 06/05/2026
SHEET NUMBER
T001 of T002

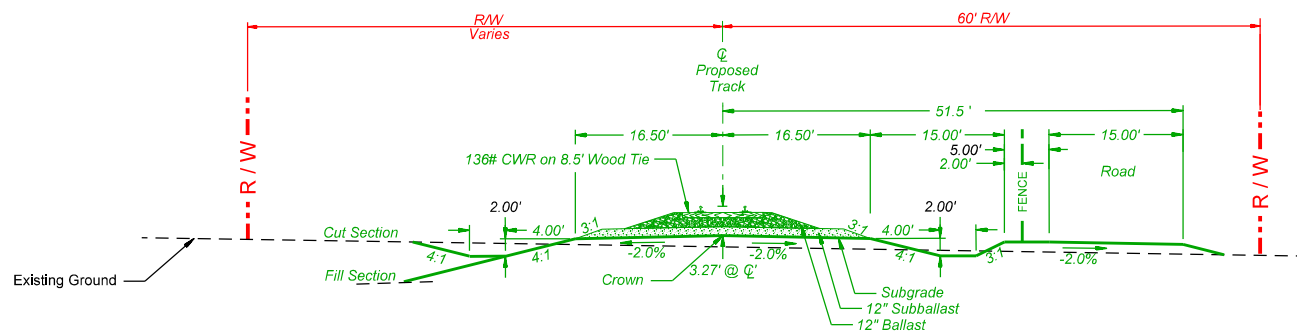
UNION PACIFIC RAILROAD		
LOCATION: WADSWORTH, TEXAS - MATAGORDA COUNTY WADSWORTH INDUSTRIAL LEAD, MP 1.61-6.55 CELANESE INDUSTRIAL LEAD, MP 2.98		
DWG TITLE: Track Typical Section - Wadsworth Ind Lead		DRAWING FILE WIL-T001



TYPICAL SECTION
Western Wye Sta. 1+61 to Sta. 7+02
Western Wye Sta. 19+08 to Sta. 23+62
*See Table C for Road Crossing Limits

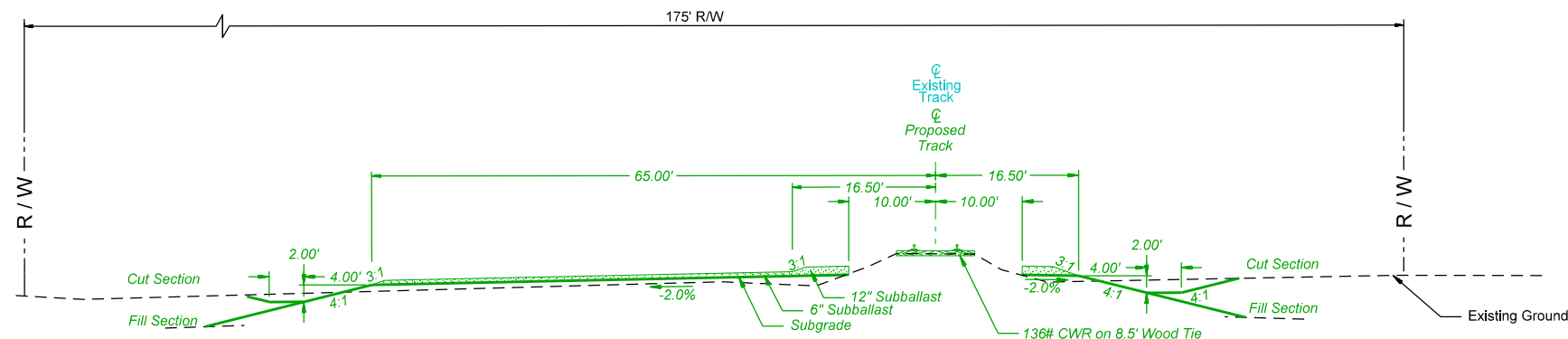


TYPICAL SECTION FOR TURNOUT CONSTRUCTION PAD
Western Wye Sta. -1+00 to Sta. 1+61



TYPICAL SECTION
Western Wye Sta. 7+02 to Sta. 19+08
*See Table C for Road Crossing Limits

TABLE C		
ROAD	BEGIN STA.	END STA.
FM 3057	6+06.91	7+01.68
FM 2668	19+08.20	20+52.20



TYPICAL SECTION FOR TURNOUT CONSTRUCTION PAD

Western Wye Sta. 23+62 to Sta. 26+73



PRELIMINARY
NOT FOR CONSTRUCTION 5 JUNE 2026

THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF INTERIM REVIEW UNDER THE AUTHORITY OF RUSSELL MCNAUGHT P.E. 144948. IT IS NOT TO BE USED FOR CONSTRUCTION, BIDDING OR PERMIT PURPOSES.



DRAWN BY: OPR
CHECKED BY: RSM
DATE: 06/05/2026
SHEET NUMBER
T002 of T002

UNION PACIFIC RAILROAD
LOCATION: WADSWORTH, TEXAS - MATAGORDA COUNTY
WADSWORTH INDUSTRIAL LEAD, MP 1.61-6.55
CELANESE INDUSTRIAL LEAD, MP 2.98
DWG TITLE: Track Typical Section - Western Wye
DRAWING FILE: WIL-T001

PRELIMINARY - SUBJECT TO CHANGE
PENDING DIAGNOSTIC STUDY

CELENASE INDUSTRIAL LEAD, 112# WOOD, 10 MPH, JOINT USE, UP/BNSF

INSTALL 96 T.F. CURVED
CONCRETE CROSSING (10W)

PROP UPRR RW

INSTALL CABIN

INSTALL CROSSING GATE
WITH R15-1 AND I13-1 SIGNS
PER TXMUTCD 8D

INSTALL SIGN (W10-1)

INSTALL SIGN (W10-12)

EXIST. TXDOT RW

PROP UPRR RW

570'
TO RXR SIGN

FM 3057

INSTALL NO PASSING MARKINGS
PER MUTCD SECTION 3B.01

INSTALL NO PASSING MARKINGS
PER MUTCD SECTION 3B.01

EXIST. TXDOT RW

PROP UPRR RW

INSTALL PAVEMENT MARKINGS
PER TXMUTCD FIGURE 8C-2A

INSTALL PAVEMENT MARKINGS
PER TXMUTCD FIGURE 8C-2A

INSTALL SIGN (W10-1)

INSTALL CROSSING GATE
WITH R15-1 AND I13-1 SIGNS
PER TXMUTCD 8D

PROP UPRR RW

NOTES:
ROADWAY CLASSIFICATION: LOCAL RURAL
DESIGN SPEED: 60 MPH
ROADWAY JURISDICTION: TXDOT

50 0 50 100
SCALE IN FEET

HDR
TEXAS P.E. FIRM
REGISTRATION NO. F-754



DRAWN BY: OPR
CHECKED BY: RSM
DATE: 06/05/2026
SHEET NUMBER
R001 of R005

UNION PACIFIC
RAILROAD

LOCATION: Wadsworth Industrial Lead
Wadsworth, TX

DWG TITLE: FM 3057 AT-GRADE CROSSING

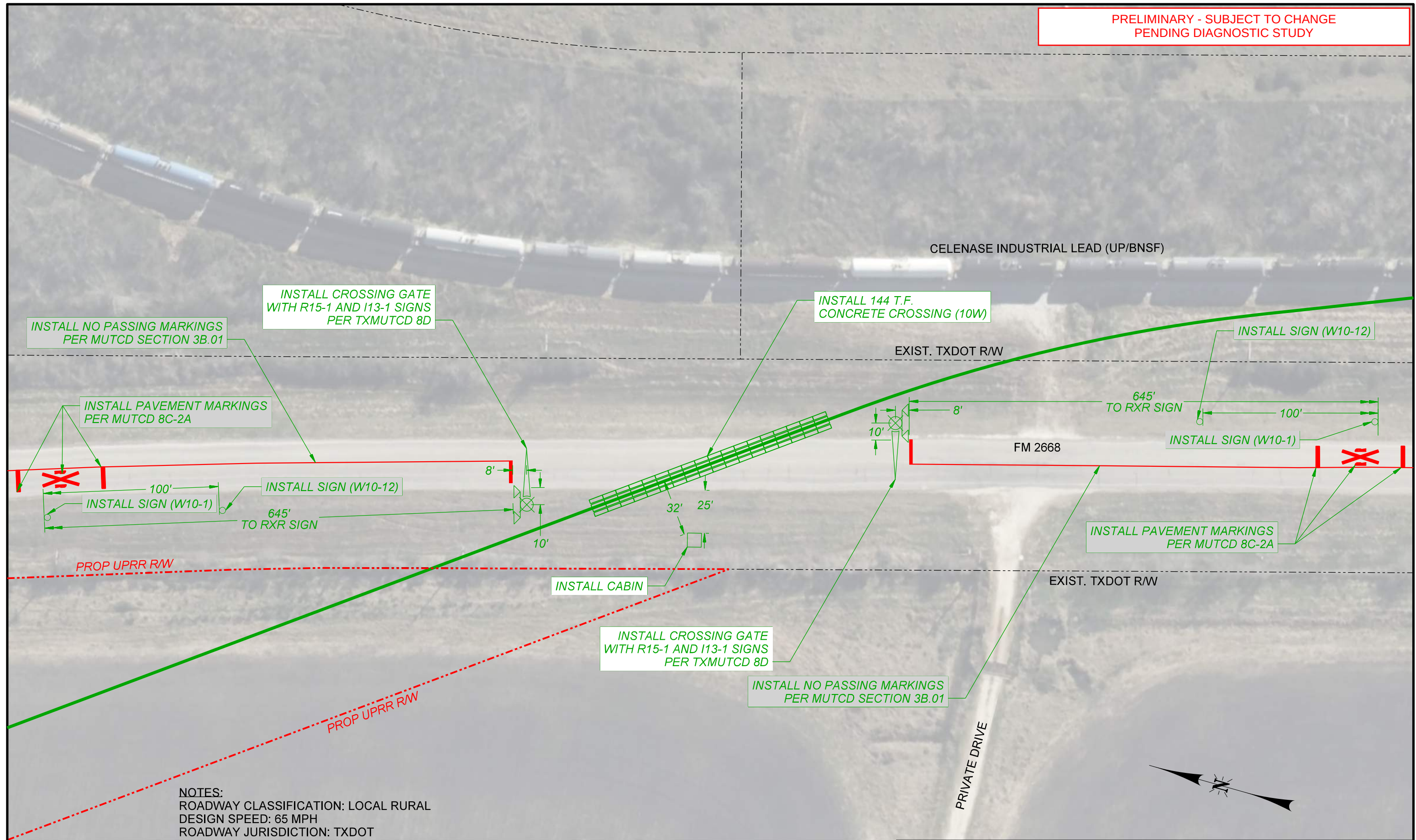
DRAWING FILE

THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF
INTERIM REVIEW UNDER THE AUTHORITY OF RUSSELL
MCNAUGHT P.E. 144948. IT IS NOT TO BE USED FOR
CONSTRUCTION, BIDDING OR PERMIT PURPOSES.

Color table:
HDR-UPRR_V8.tbl
pwr://HDR_US_Central.tbl
Default
6/1/2026

© 2026 Microsoft Corporation. All rights reserved. HDR-UPRR_V8.tbl

PRELIMINARY - SUBJECT TO CHANGE
PENDING DIAGNOSTIC STUDY



NOTES:
ROADWAY CLASSIFICATION: LOCAL RURAL
DESIGN SPEED: 65 MPH
ROADWAY JURISDICTION: TXDOT



THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF
INTERIM REVIEW UNDER THE AUTHORITY OF RUSSELL
MCNAUGHT P.E. 144948. IT IS NOT TO BE USED FOR
CONSTRUCTION, BIDDING OR PERMIT PURPOSES.



DRAWN BY: OPR
CHECKED BY: RSM
DATE: 06/05/2026
SHEET NUMBER
R002 of R005

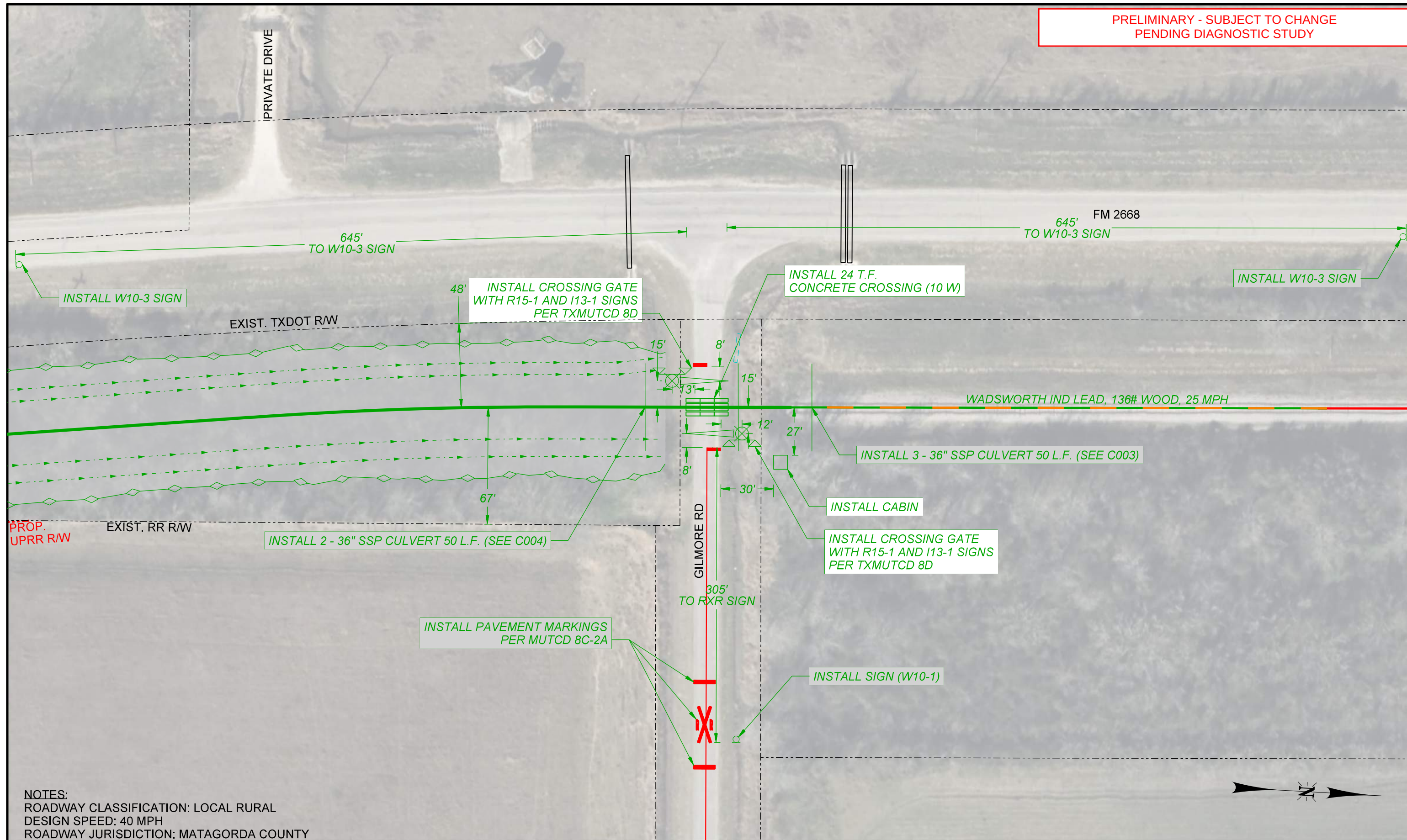
**UNION PACIFIC
RAILROAD**

LOCATION: Wadsworth Industrial Lead
Wadsworth, TX

DWG TITLE: FM 2668 AT-GRADE CROSSING

DRAWING FILE

PRELIMINARY - SUBJECT TO CHANGE
PENDING DIAGNOSTIC STUDY



NOTES:
ROADWAY CLASSIFICATION: LOCAL RURAL
DESIGN SPEED: 40 MPH
ROADWAY JURISDICTION: MATAGORDA COUNTY

50 0 50 100
SCALE IN FEET

HDR
TEXAS P.E. FIRM
REGISTRATION NO. F-754



DRAWN BY: OPR	UNION PACIFIC RAILROAD	
CHECKED BY: RSM	LOCATION: Wadsworth Industrial Lead Wadsworth, TX	
DATE: 06/05/2026	DWG TITLE: GILMORE RD AT-GRADE CROSSING	DRAWING FILE
SHEET NUMBER R003 of R005		

THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF
INTERIM REVIEW UNDER THE AUTHORITY OF RUSSELL
MCNAUGHT P.E. 144948. IT IS NOT TO BE USED FOR
CONSTRUCTION, BIDDING OR PERMIT PURPOSES.

PRELIMINARY - SUBJECT TO CHANGE
PENDING DIAGNOSTIC STUDY

INSTALL 32 T.F.
CONCRETE CROSSING (10 W)

INSTALL CROSSING GATE
WITH R15-1 AND I13-1 SIGNS
PER TXMUTCD 8D

INSTALL 2 - 48" SSP CULVERT 60 L.F. (SEE C010)

INSTALL CROSSING GATE
WITH R15-1 AND I13-1 SIGNS
PER TXMUTCD 8D

INSTALL SIGN (W10-1)

INSTALL SIGN (W10-1)

EXIST. TXDOT RW

570'
TO RXR SIGN

570'
TO RXR SIGN

FM 2078

EXIST. TXDOT RW

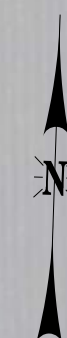
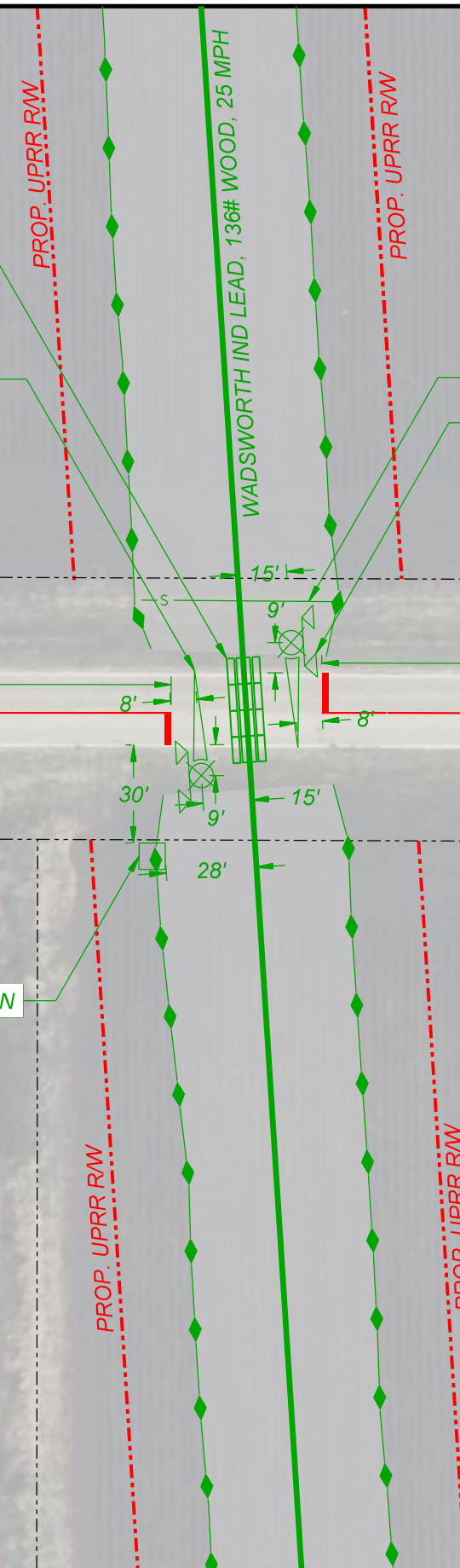
INSTALL PAVEMENT MARKINGS
PER MUTCD 8C-2A

INSTALL NO PASSING MARKINGS
PER MUTCD SECTION 3B.01

INSTALL PAVEMENT MARKINGS
PER MUTCD 8C-2A

INSTALL NO PASSING MARKINGS
PER MUTCD SECTION 3B.01

INSTALL CABIN



NOTES:
ROADWAY CLASSIFICATION: LOCAL RURAL
DESIGN SPEED: 60 MPH
ROADWAY JURISDICTION: TXDOT



DRAWN BY: OPR
CHECKED BY: RSM
DATE: 06/05/2026
SHEET NUMBER
R004 of R005

**UNION PACIFIC
RAILROAD**

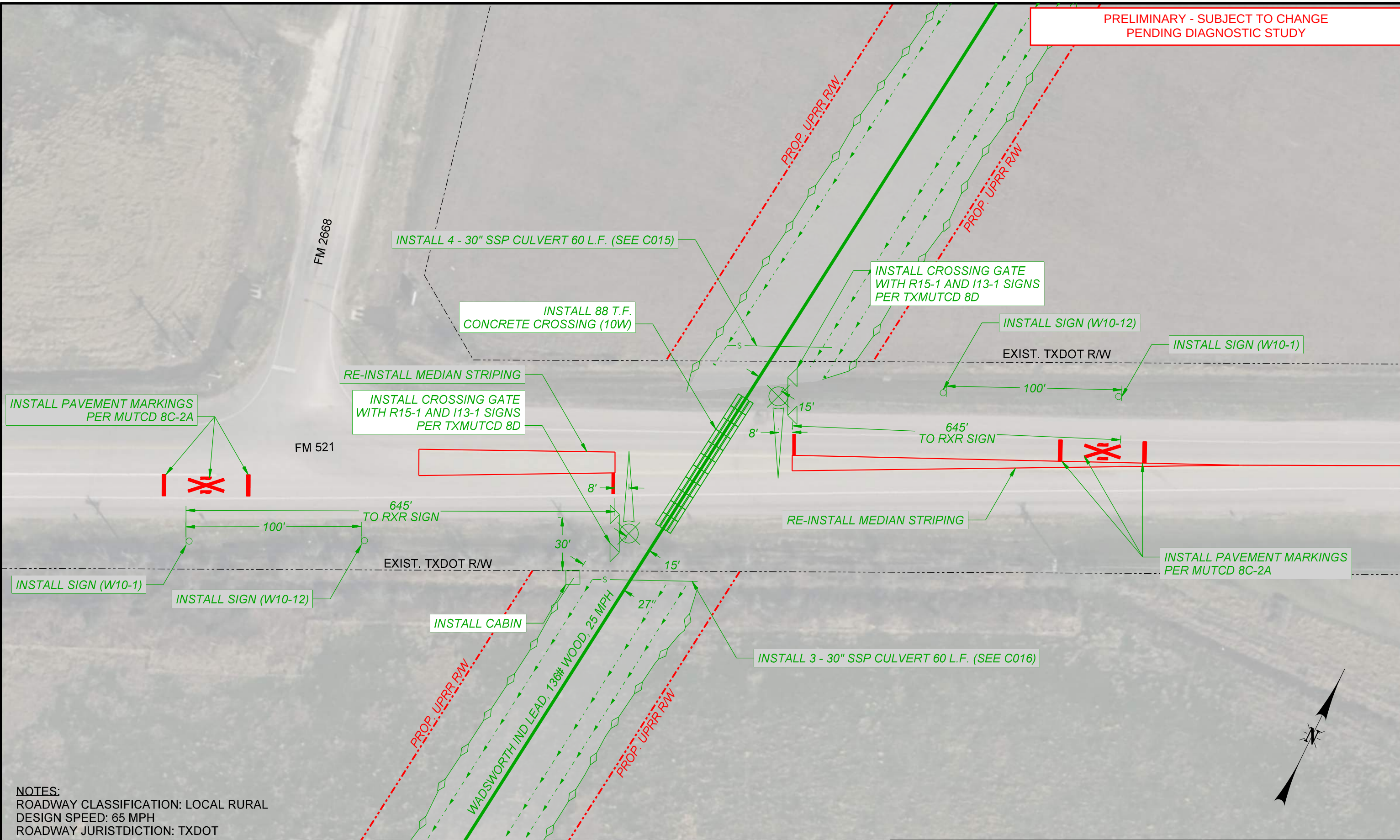
LOCATION: Wadsworth Industrial Lead
Wadsworth, TX

DWG TITLE: FM 2078 AT-GRADE CROSSING

DRAWING FILE

THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF
INTERIM REVIEW UNDER THE AUTHORITY OF RUSSELL
MCNAUGHT P.E. 144948. IT IS NOT TO BE USED FOR
CONSTRUCTION, BIDDING OR PERMIT PURPOSES.

PRELIMINARY - SUBJECT TO CHANGE
PENDING DIAGNOSTIC STUDY



NOTES:
ROADWAY CLASSIFICATION: LOCAL RURAL
DESIGN SPEED: 65 MPH
ROADWAY JURISDICTION: TXDOT

THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF
INTERIM REVIEW UNDER THE AUTHORITY OF RUSSELL
MCNAUGHT P.E. 144948. IT IS NOT TO BE USED FOR
CONSTRUCTION, BIDDING OR PERMIT PURPOSES.

50 0 50 100
SCALE IN FEET

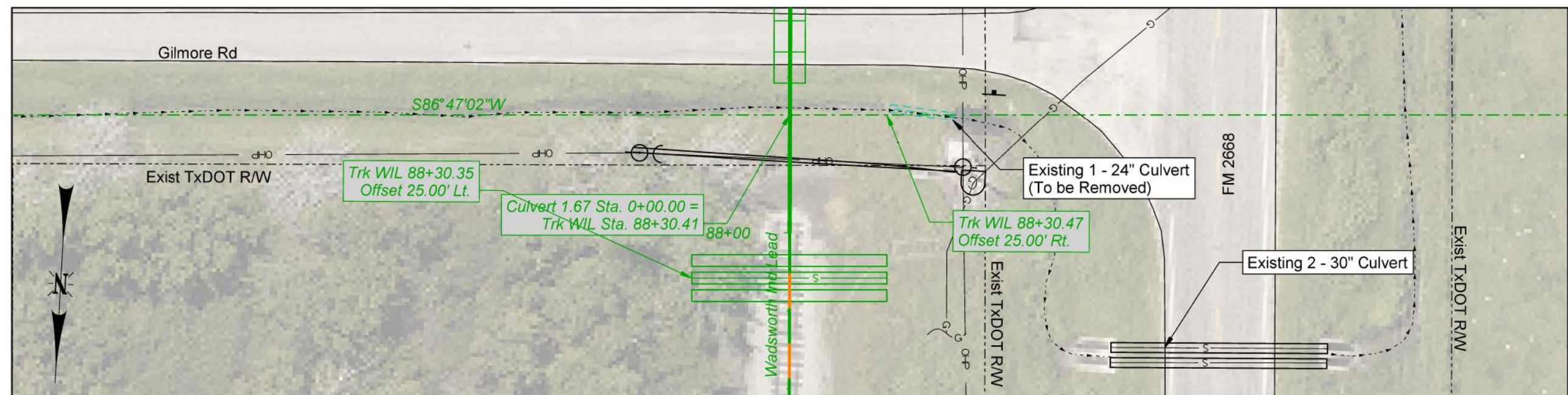
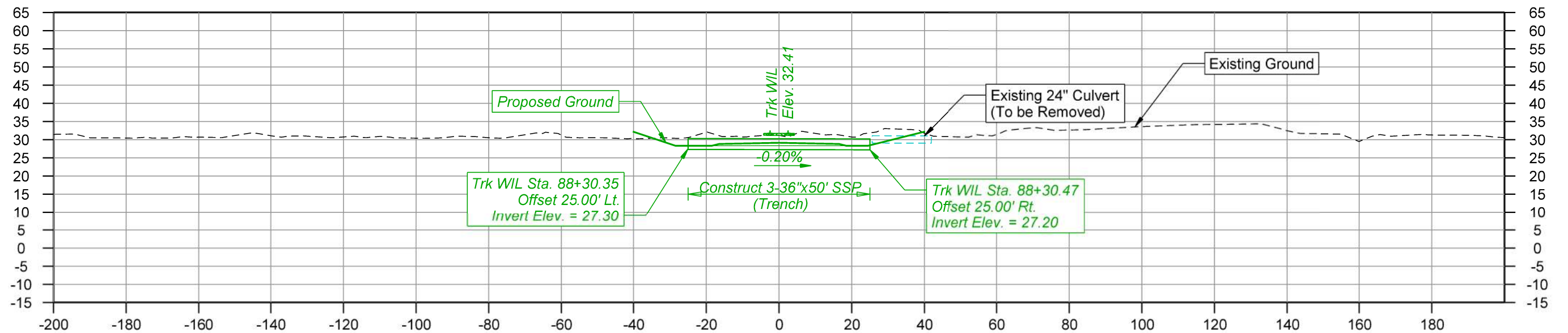
HDR
TEXAS P.E. FIRM
REGISTRATION NO. F-754



DRAWN BY: OPR
CHECKED BY: RSM
DATE: 06/05/2026
SHEET NUMBER
R005 of R005

UNION PACIFIC RAILROAD
LOCATION: Wadsworth Industrial Lead
Wadsworth, TX
DWG TITLE: FM 521 AT-GRADE CROSSING
DRAWING FILE

Color table:
HDR-UPRR_V8.tbl
pwr://HDR_US_Central.tbl
Default
6/7/2026



NOTES

1. Drainage items are estimated only. The actual size and location will be based on additional data and design

2. Parcel and R/W lines are to be considered approximate and are subject to change as the design progresses

THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF INTERIM REVIEW UNDER THE AUTHORITY OF RUSSELL MCNAUGHT P.E. 144948. IT IS NOT TO BE USED FOR CONSTRUCTION, BIDDING OR PERMIT PURPOSES.

PRELIMINARY

NOT FOR CONSTRUCTION

5 JUNE 2026



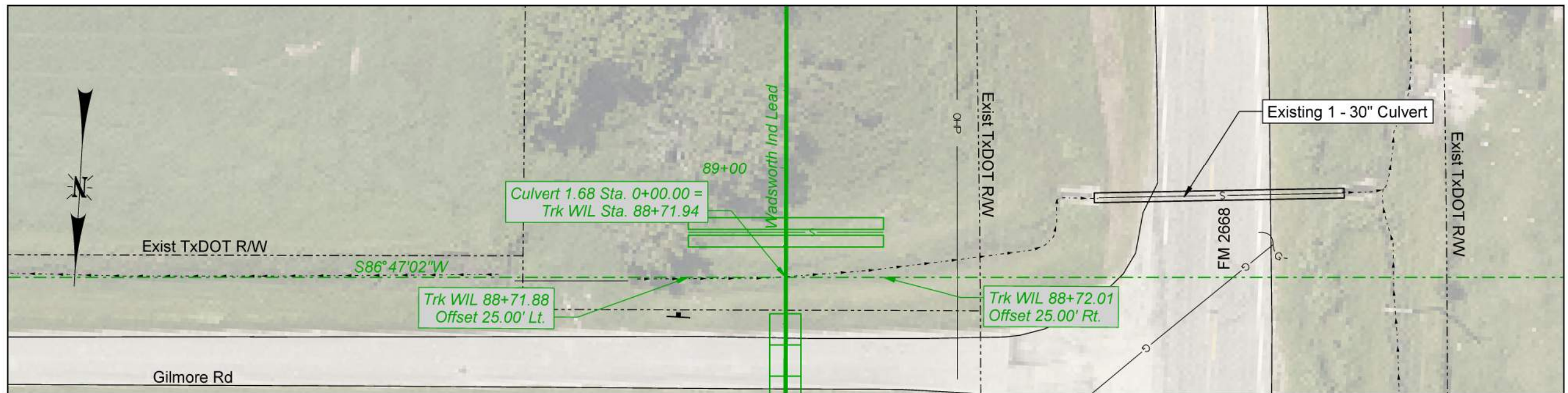
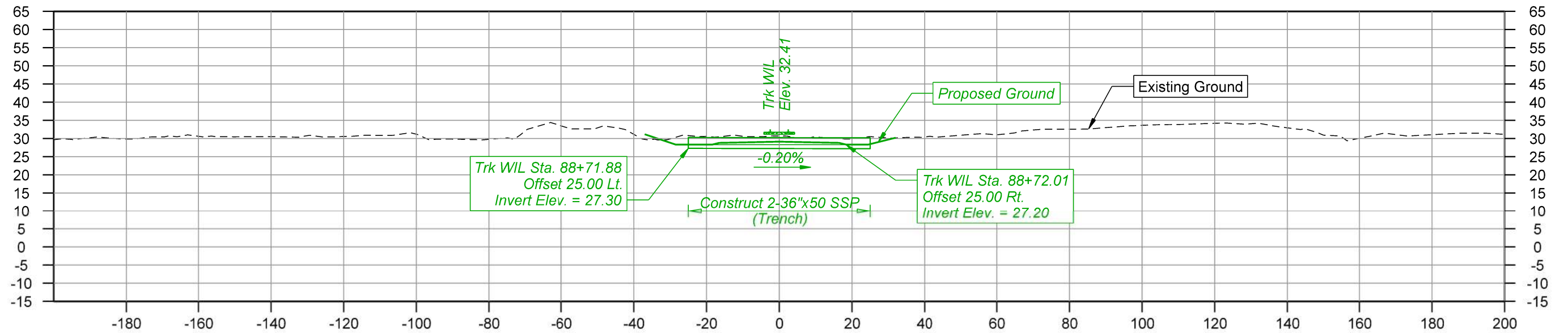
DRAWN BY: OPR
CHECKED BY: RSM
DATE: 06/05/2026
SHEET NUMBER: C003 of C019

UNION PACIFIC RAILROAD

LOCATION: WADSWORTH, TEXAS - MATAGORDA COUNTY
WADSWORTH INDUSTRIAL LEAD, MP 1.61-6.55
CELANESE INDUSTRIAL LEAD, MP 2.98

DWG TITLE: Culvert MP 1.67 Plan & Profile

DRAWING FILE: WIL-C



NOTES

1. Drainage items are estimated only. The actual size and location will be based on additional data and design

2. Parcel and R/W lines are to be considered approximate and are subject to change as the design progresses

THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF INTERIM REVIEW UNDER THE AUTHORITY OF RUSSELL MCNAUGHT P.E. 144948. IT IS NOT TO BE USED FOR CONSTRUCTION, BIDDING OR PERMIT PURPOSES.

PRELIMINARY

NOT FOR CONSTRUCTION

5 JUNE 2026



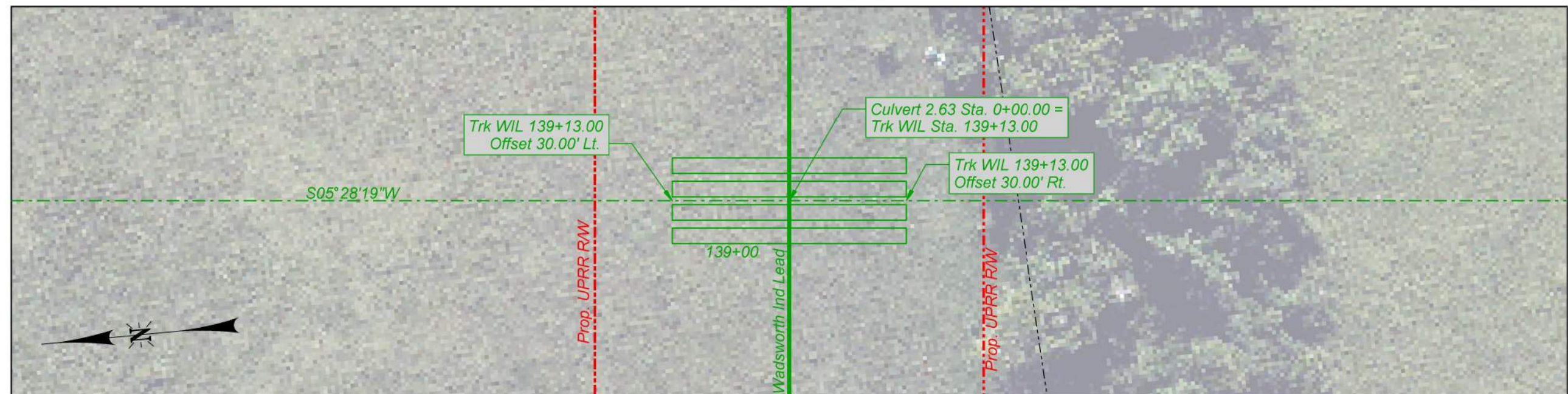
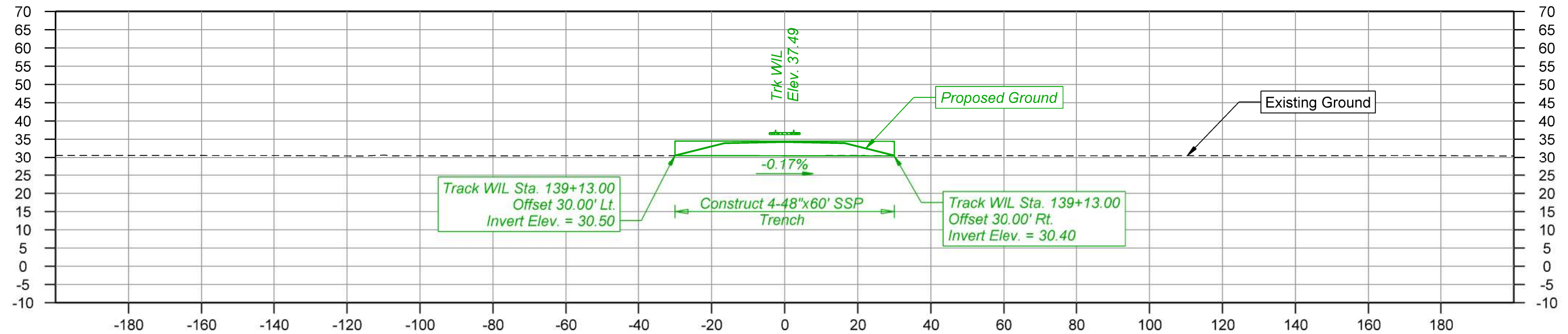
DRAWN BY: OPR
CHECKED BY: RSM
DATE: 06/05/2026
SHEET NUMBER: C004 of C019

UNION PACIFIC RAILROAD

LOCATION: WADSWORTH, TEXAS - MATAGORDA COUNTY
WADSWORTH INDUSTRIAL LEAD, MP 1.61-6.55
CELANESE INDUSTRIAL LEAD, MP 2.98

DWG TITLE: Culvert MP 1.68 Plan & Profile

DRAWING FILE: WIL-C



NOTES

1. Drainage items are estimated only. The actual size and location will be based on additional data and design

2. Parcel and R/W lines are to be considered approximate and are subject to change as the design progresses

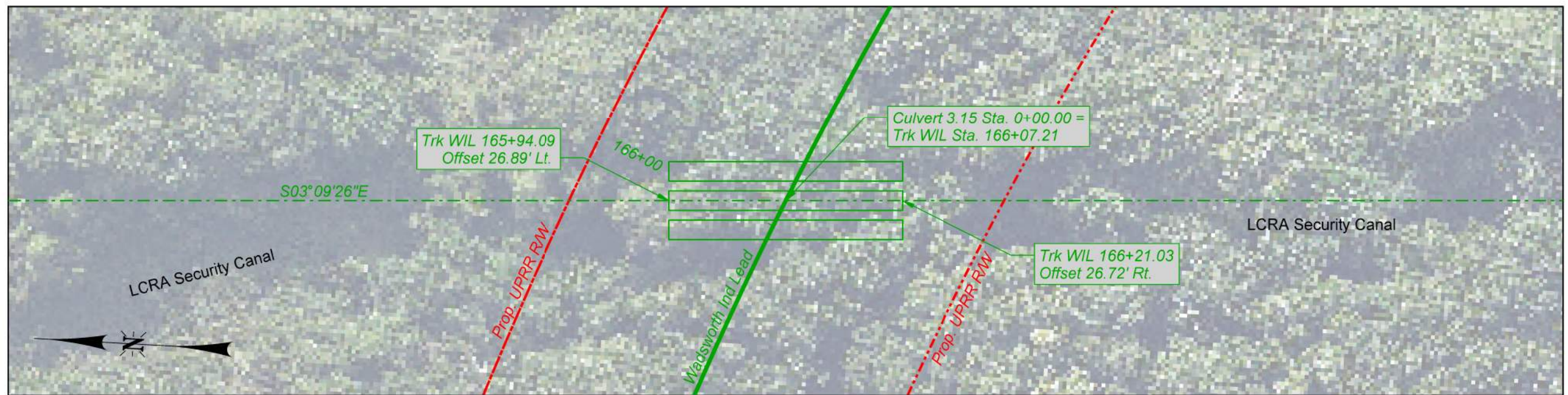
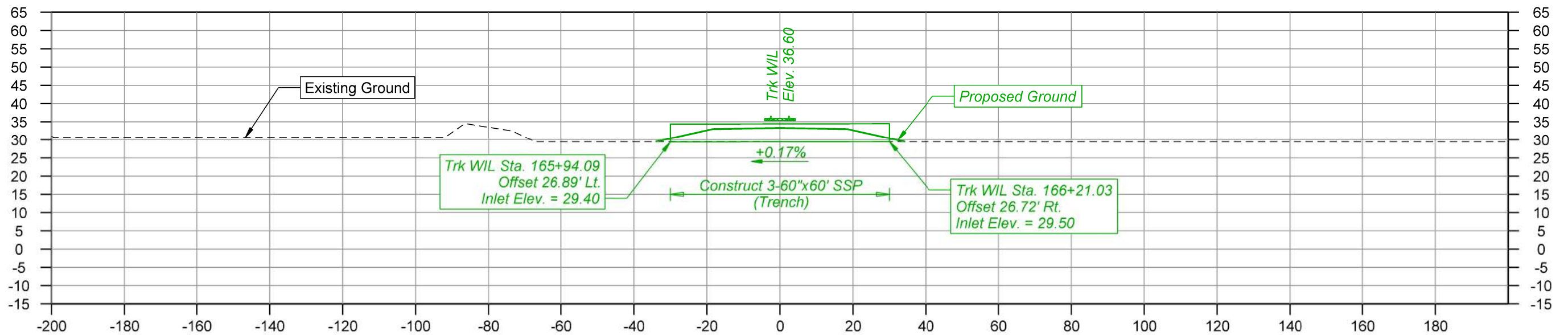
THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF INTERIM REVIEW UNDER THE AUTHORITY OF RUSSELL MCNAUGHT P.E. 144948. IT IS NOT TO BE USED FOR CONSTRUCTION, BIDDING OR PERMIT PURPOSES.

PRELIMINARY
NOT FOR CONSTRUCTION 5 JUNE 2026



DRAWN BY: OPR
CHECKED BY: RSM
DATE: 06/05/2026
SHEET NUMBER: C006 of C019

UNION PACIFIC RAILROAD
LOCATION: WADSWORTH, TEXAS - MATAGORDA COUNTY
WADSWORTH INDUSTRIAL LEAD, MP 1.61-6.55
CELANESE INDUSTRIAL LEAD, MP 2.98
DWG TITLE: Culvert MP 2.63 Plan & Profile
DRAWING FILE: WIL-C



NOTES

1. Drainage items are estimated only. The actual size and location will be based on additional data and design

2. Parcel and R/W lines are to be considered approximate and are subject to change as the design progresses

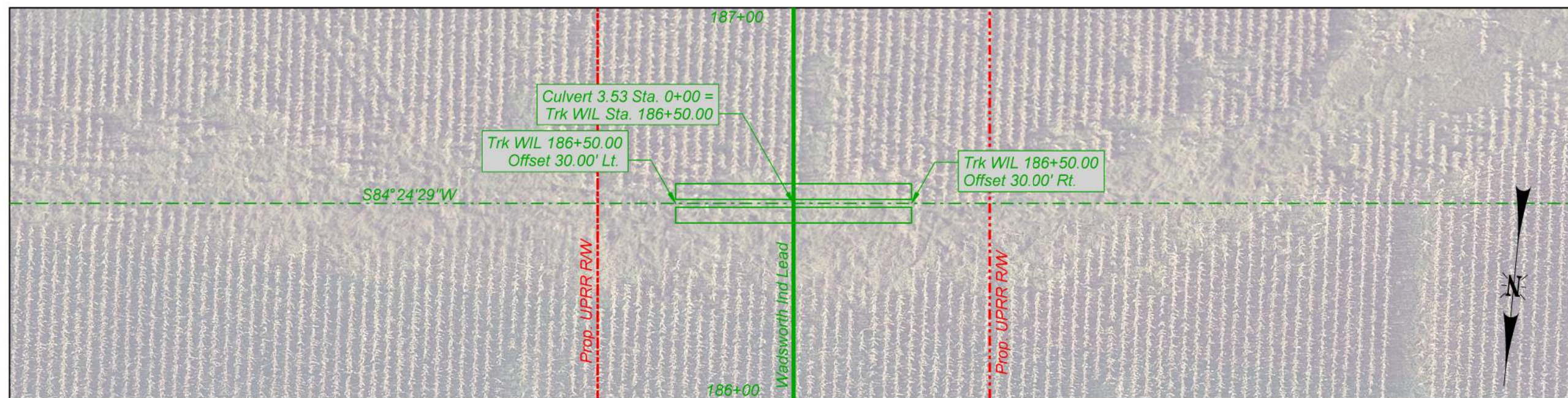
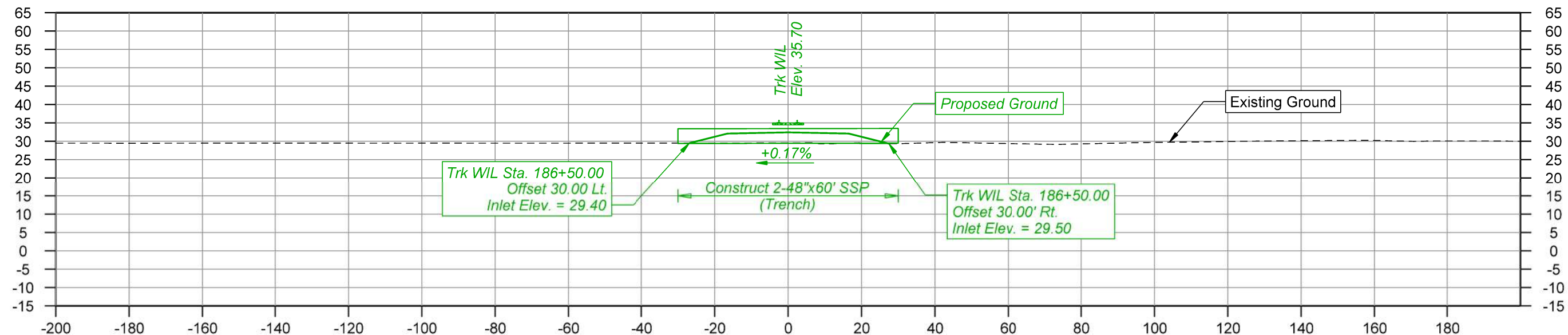
THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF INTERIM REVIEW UNDER THE AUTHORITY OF RUSSELL MCNAUGHT P.E. 144948. IT IS NOT TO BE USED FOR CONSTRUCTION, BIDDING OR PERMIT PURPOSES.

PRELIMINARY
NOT FOR CONSTRUCTION 5 JUNE 2026



DRAWN BY: OPR
CHECKED BY: RSM
DATE: 06/05/2026
SHEET NUMBER: C007 of C019

UNION PACIFIC RAILROAD
LOCATION: WADSWORTH, TEXAS - MATAGORDA COUNTY
WADSWORTH INDUSTRIAL LEAD, MP 1.61-6.55
CELANESE INDUSTRIAL LEAD, MP 2.98
DWG TITLE: Culvert MP 3.15 LCRA Plan & Profile
DRAWING FILE: WIL-C



NOTES

1. Drainage items are estimated only. The actual size and location will be based on additional data and design

2. Parcel and R/W lines are to be considered approximate and are subject to change as the design progresses

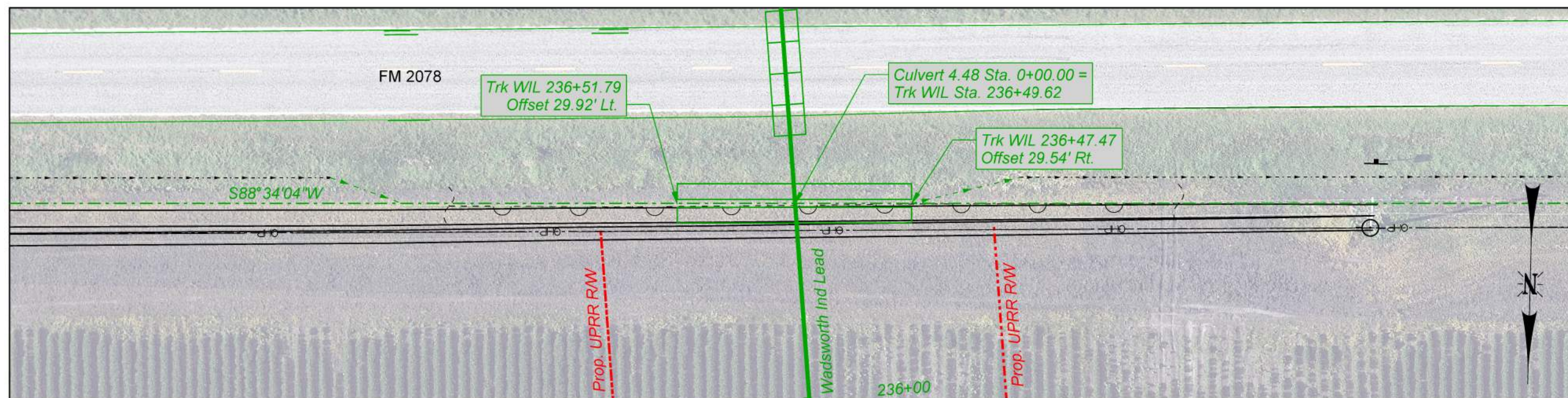
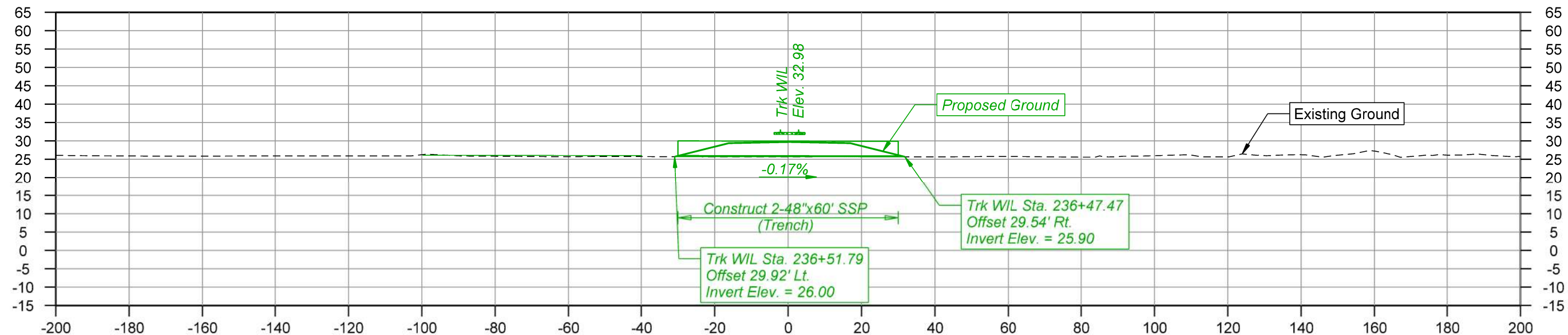
THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF INTERIM REVIEW UNDER THE AUTHORITY OF RUSSELL MCNAUGHT P.E. 144948. IT IS NOT TO BE USED FOR CONSTRUCTION, BIDDING OR PERMIT PURPOSES.

PRELIMINARY
NOT FOR CONSTRUCTION 5 JUNE 2026



DRAWN BY: OPR
CHECKED BY: RSM
DATE: 06/05/2026
SHEET NUMBER: C008 of C019

UNION PACIFIC RAILROAD
LOCATION: WADSWORTH, TEXAS - MATAGORDA COUNTY
WADSWORTH INDUSTRIAL LEAD, MP 1.61-6.55
CELANESE INDUSTRIAL LEAD, MP 2.98
DWG TITLE: Culvert MP 3.53 Plan & Profile
DRAWING FILE: WIL-C



NOTES

1. Drainage items are estimated only. The actual size and location will be based on additional data and design

2. Parcel and R/W lines are to be considered approximate and are subject to change as the design progresses

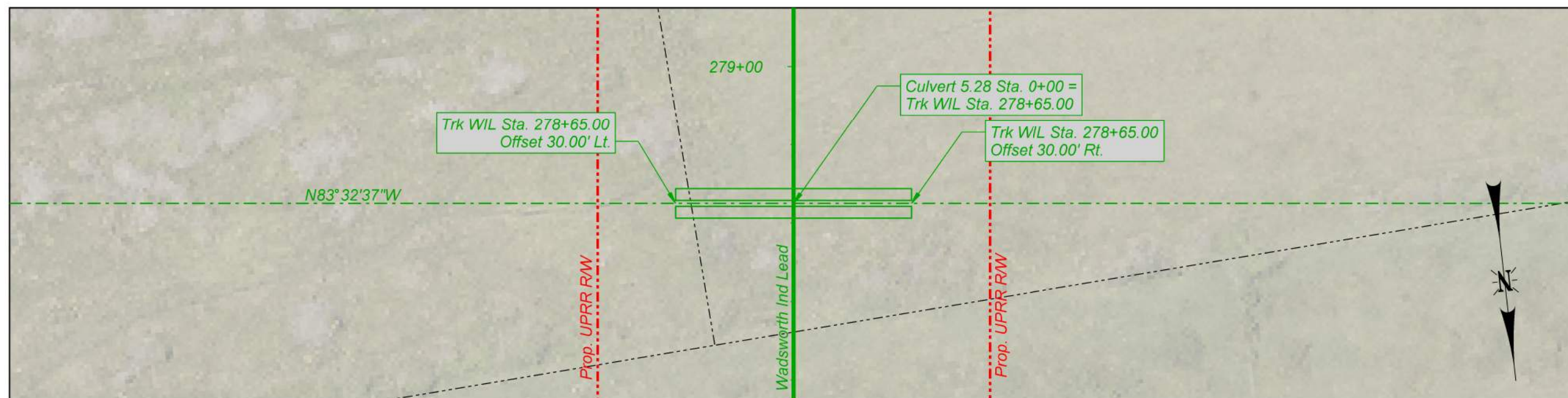
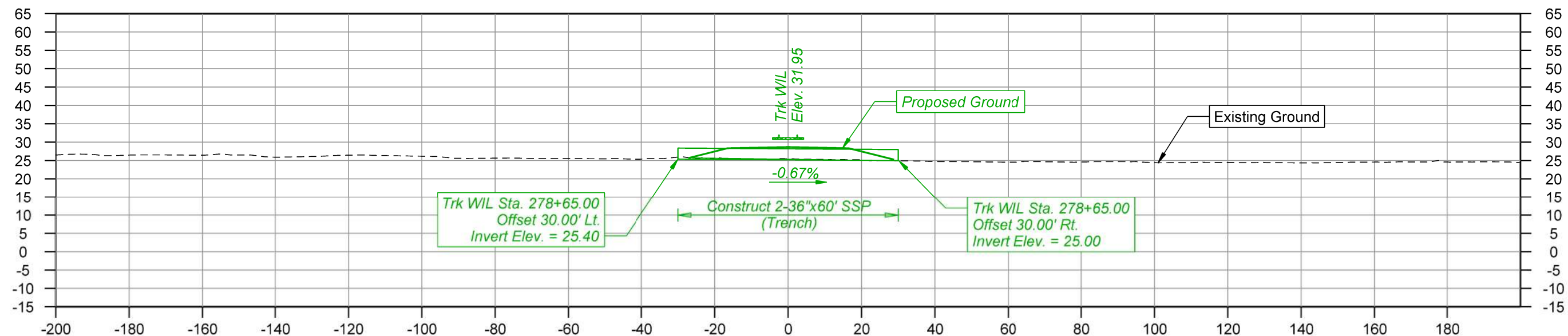
THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF INTERIM REVIEW UNDER THE AUTHORITY OF RUSSELL MCNAUGHT P.E. 144948. IT IS NOT TO BE USED FOR CONSTRUCTION, BIDDING OR PERMIT PURPOSES.

PRELIMINARY
NOT FOR CONSTRUCTION 5 JUNE 2026



DRAWN BY: OPR
CHECKED BY: RSM
DATE: 06/05/2026
SHEET NUMBER: C010 of C019

UNION PACIFIC RAILROAD
LOCATION: WADSWORTH, TEXAS - MATAGORDA COUNTY
WADSWORTH INDUSTRIAL LEAD, MP 1.61-6.55
CELANESE INDUSTRIAL LEAD, MP 2.98
DWG TITLE: Culvert MP 4.48 Plan & Profile
DRAWING FILE: WIL-C



NOTES

1. Drainage items are estimated only. The actual size and location will be based on additional data and design

2. Parcel and R/W lines are to be considered approximate and are subject to change as the design progresses

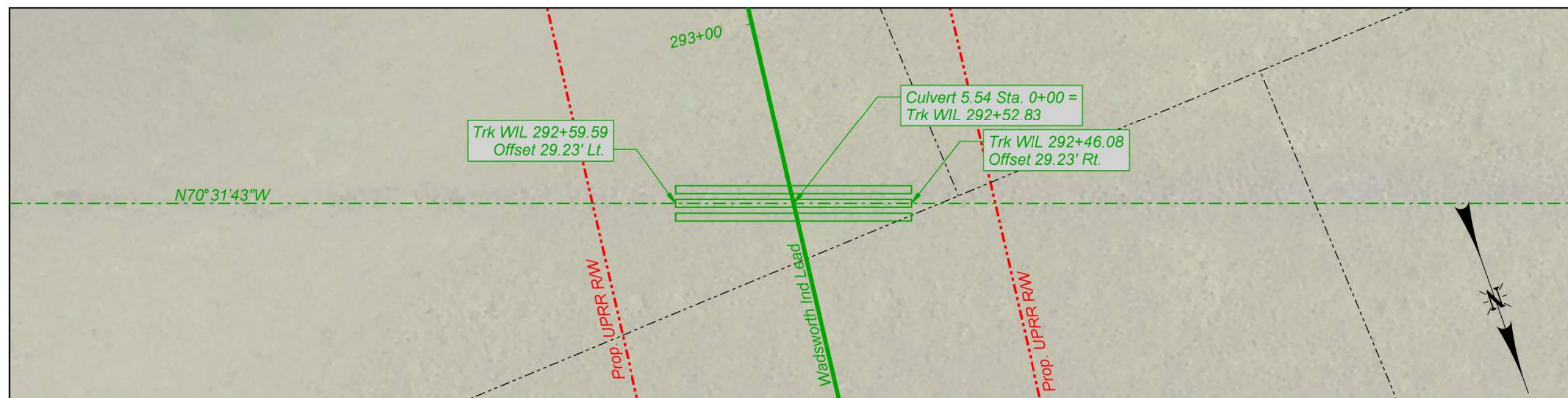
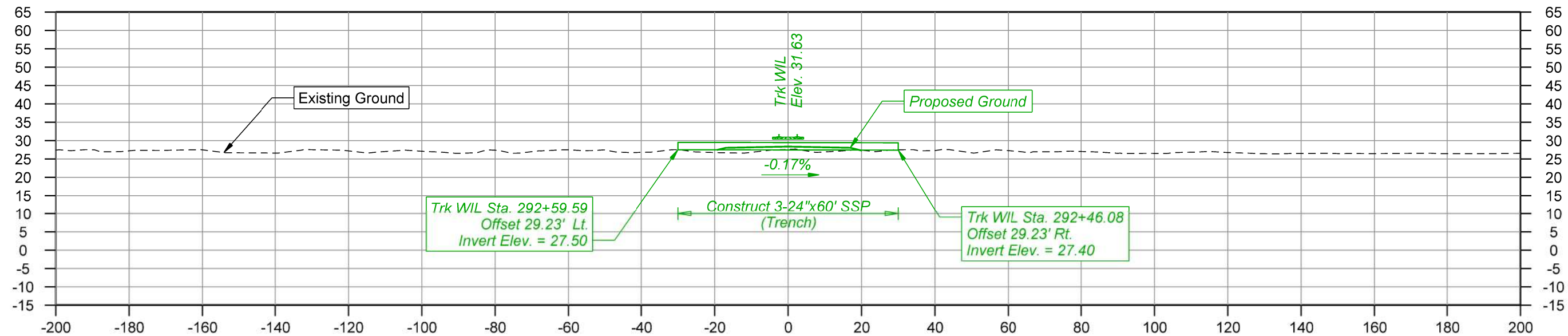
THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF INTERIM REVIEW UNDER THE AUTHORITY OF RUSSELL MCNAUGHT P.E. 144948. IT IS NOT TO BE USED FOR CONSTRUCTION, BIDDING OR PERMIT PURPOSES.

PRELIMINARY
NOT FOR CONSTRUCTION 5 JUNE 2026



DRAWN BY: OPR
CHECKED BY: RSM
DATE: 06/05/2026
SHEET NUMBER: C012 of C019

UNION PACIFIC RAILROAD
LOCATION: WADSWORTH, TEXAS - MATAGORDA COUNTY
WADSWORTH INDUSTRIAL LEAD, MP 1.61-6.55
CELANESE INDUSTRIAL LEAD, MP 2.98
DWG TITLE: Culvert MP 5.28 Plan & Profile
DRAWING FILE: WIL-C



NOTES

1. Drainage items are estimated only. The actual size and location will be based on additional data and design

2. Parcel and R/W lines are to be considered approximate and are subject to change as the design progresses

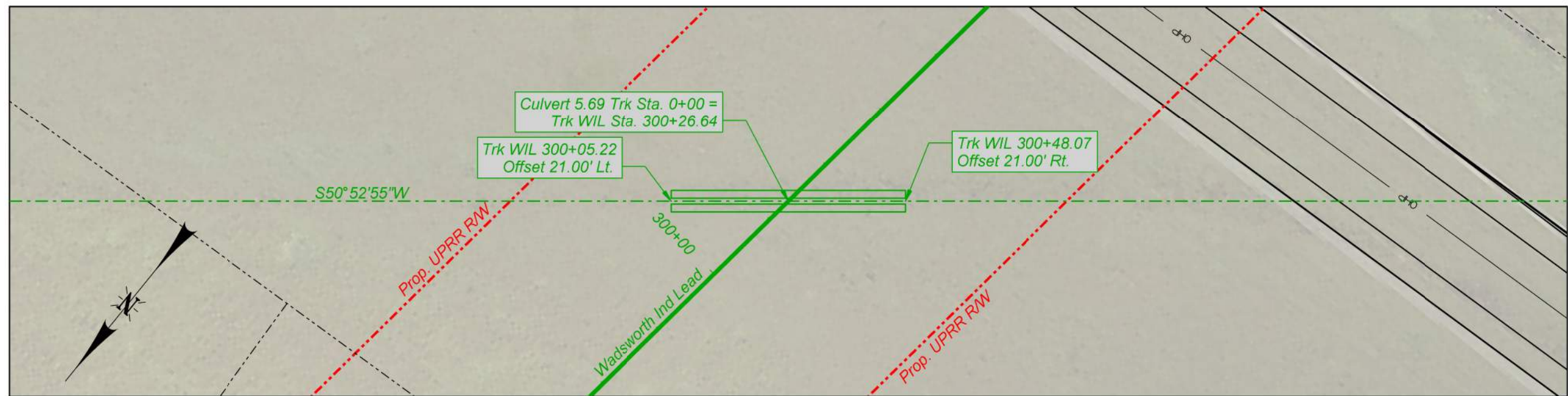
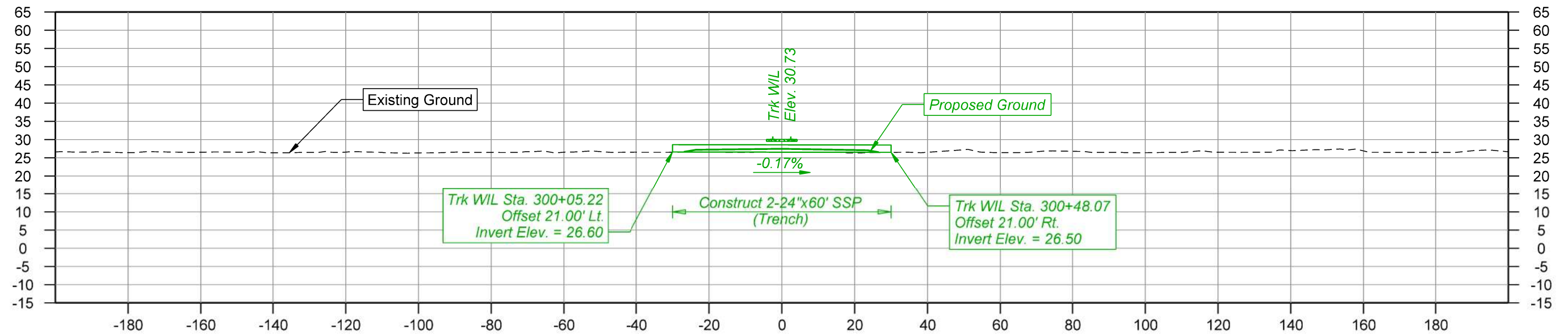
THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF INTERIM REVIEW UNDER THE AUTHORITY OF RUSSELL MCNAUGHT P.E. 144948. IT IS NOT TO BE USED FOR CONSTRUCTION, BIDDING OR PERMIT PURPOSES.

PRELIMINARY
NOT FOR CONSTRUCTION 5 JUNE 2026



DRAWN BY: OPR
CHECKED BY: RSM
DATE: 06/05/2026
SHEET NUMBER: C013 of C019

UNION PACIFIC RAILROAD
LOCATION: WADSWORTH, TEXAS - MATAGORDA COUNTY
WADSWORTH INDUSTRIAL LEAD, MP 1.61-6.55
CELANESE INDUSTRIAL LEAD, MP 2.98
DWG TITLE: Culvert MP 5.54 Plan & Profile
DRAWING FILE: WIL-C



NOTES

1. Drainage items are estimated only. The actual size and location will be based on additional data and design

2. Parcel and R/W lines are to be considered approximate and are subject to change as the design progresses

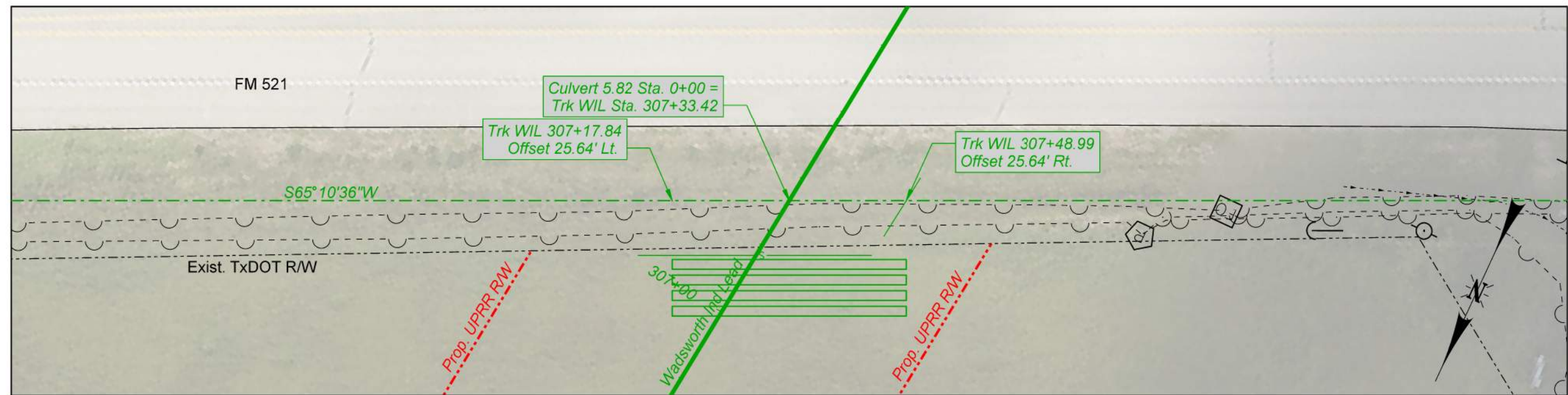
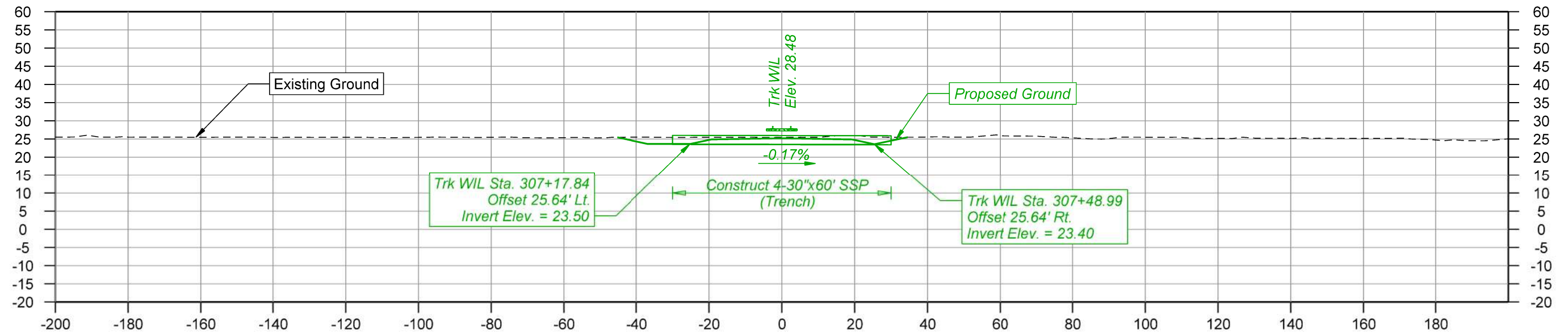
THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF INTERIM REVIEW UNDER THE AUTHORITY OF RUSSELL MCNAUGHT P.E. 144948. IT IS NOT TO BE USED FOR CONSTRUCTION, BIDDING OR PERMIT PURPOSES.

PRELIMINARY
NOT FOR CONSTRUCTION 5 JUNE 2026



DRAWN BY: OPR
CHECKED BY: RSM
DATE: 06/05/2026
SHEET NUMBER: C014 of C019

UNION PACIFIC RAILROAD
LOCATION: WADSWORTH, TEXAS - MATAGORDA COUNTY
WADSWORTH INDUSTRIAL LEAD, MP 1.61-6.55
CELANESE INDUSTRIAL LEAD, MP 2.98
DWG TITLE: Culvert MP 5.69 Plan & Profile
DRAWING FILE: WIL-C



NOTES

1. Drainage items are estimated only. The actual size and location will be based on additional data and design

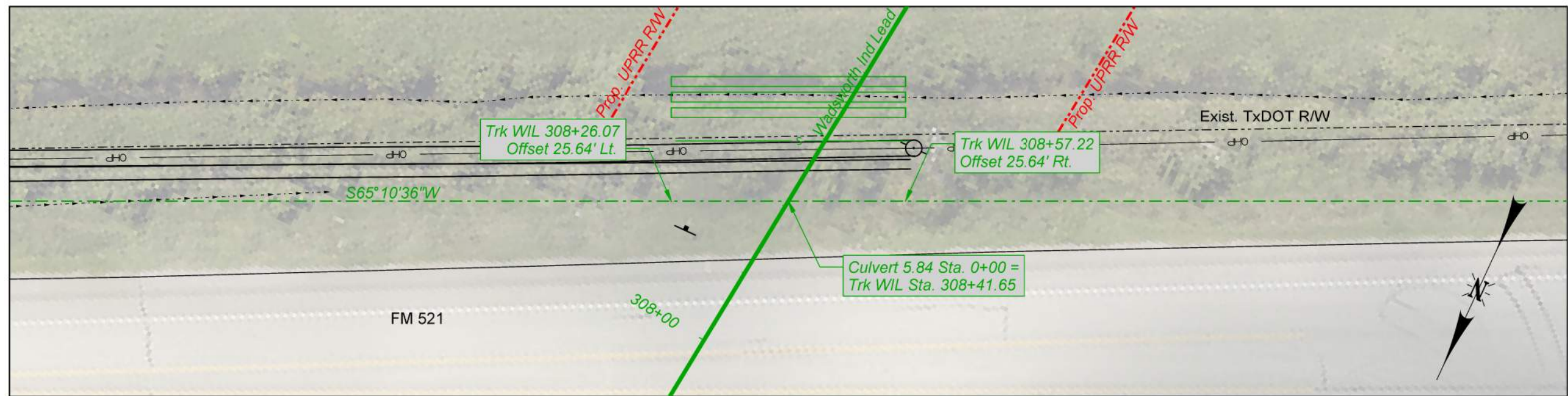
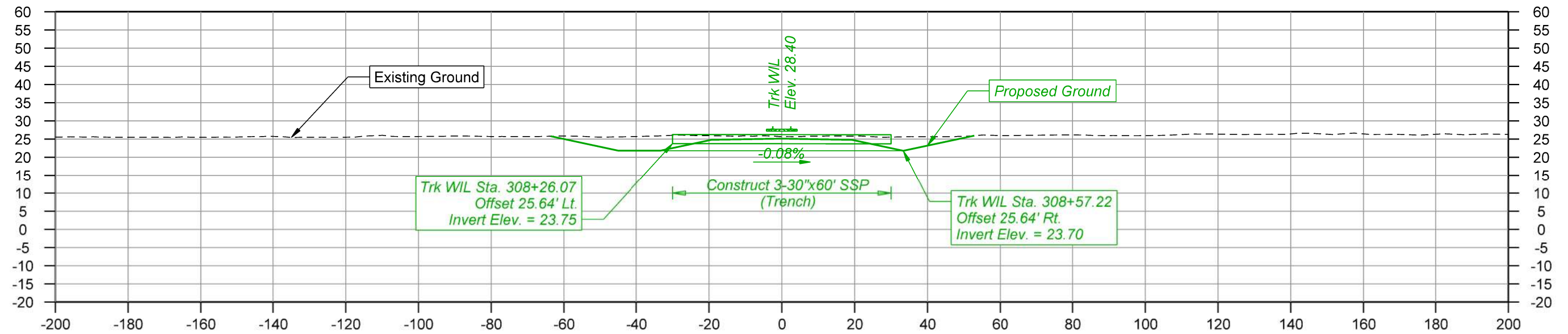
2. Parcel and R/W lines are to be considered approximate and are subject to change as the design progresses

THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF INTERIM REVIEW UNDER THE AUTHORITY OF RUSSELL MCNAUGHT P.E. 144948. IT IS NOT TO BE USED FOR CONSTRUCTION, BIDDING OR PERMIT PURPOSES.

PRELIMINARY
NOT FOR CONSTRUCTION 5 JUNE 2026



DRAWN BY: OPR		UNION PACIFIC RAILROAD
CHECKED BY: RSM		
DATE: 06/05/2026		
SHEET NUMBER C015 of C019		
DWG TITLE: Culvert MP 5.82 Plan & Profile		
LOCATION: WADSWORTH, TEXAS - MATAGORDA COUNTY WADSWORTH INDUSTRIAL LEAD, MP 1.61-6.55 CELANESE INDUSTRIAL LEAD, MP 2.98		DRAWING FILE WIL-C



NOTES

1. Drainage items are estimated only. The actual size and location will be based on additional data and design

2. Parcel and R/W lines are to be considered approximate and are subject to change as the design progresses

THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF INTERIM REVIEW UNDER THE AUTHORITY OF RUSSELL MCNAUGHT P.E. 144948. IT IS NOT TO BE USED FOR CONSTRUCTION, BIDDING OR PERMIT PURPOSES.

PRELIMINARY
NOT FOR CONSTRUCTION 5 JUNE 2026



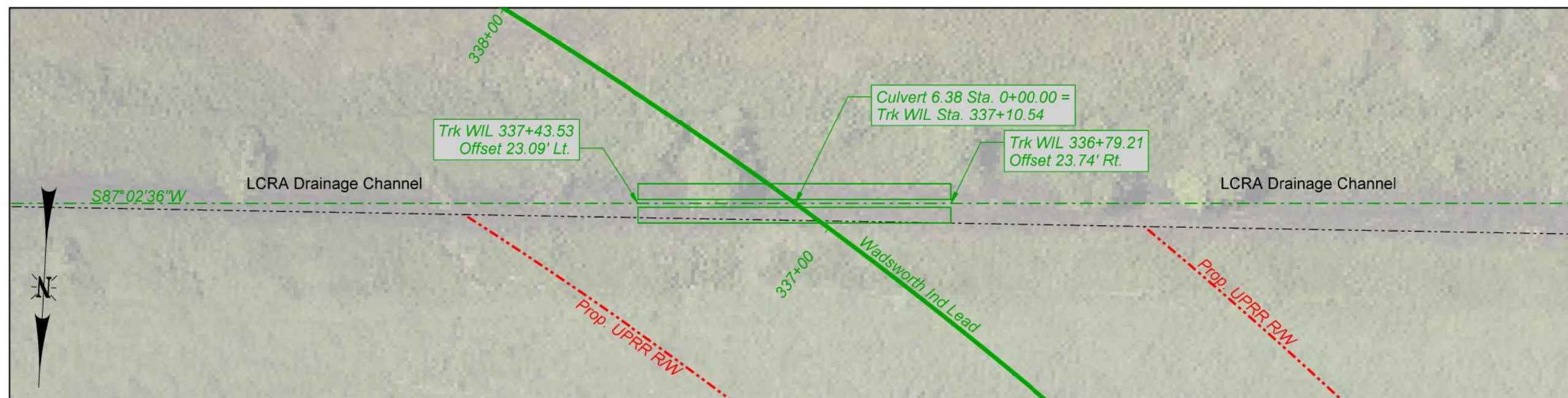
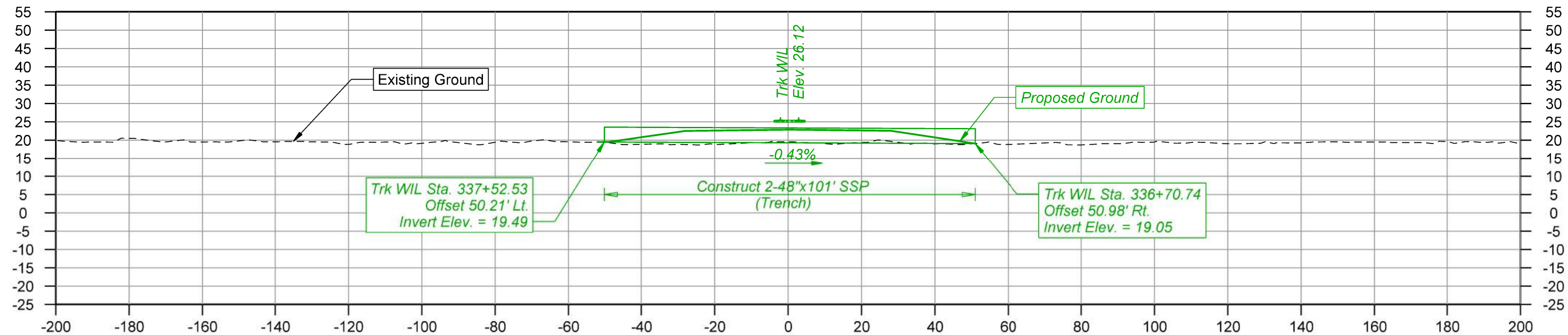
DRAWN BY: OPR
CHECKED BY: RSM
DATE: 06/05/2026
SHEET NUMBER: C016 of C019

UNION PACIFIC RAILROAD

LOCATION: WADSWORTH, TEXAS - MATAGORDA COUNTY
WADSWORTH INDUSTRIAL LEAD, MP 1.61-6.55
CELANESE INDUSTRIAL LEAD, MP 2.98

DWG TITLE: Culvert MP 5.84 Plan & Profile

DRAWING FILE: WIL-C



NOTES

1. Drainage items are estimated only. The actual size and location will be based on additional data and design

2. Parcel and R/W lines are to be considered approximate and are subject to change as the design progresses

THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF INTERIM REVIEW UNDER THE AUTHORITY OF RUSSELL MCNAUGHT P.E. 144948. IT IS NOT TO BE USED FOR CONSTRUCTION, BIDDING OR PERMIT PURPOSES.

PRELIMINARY

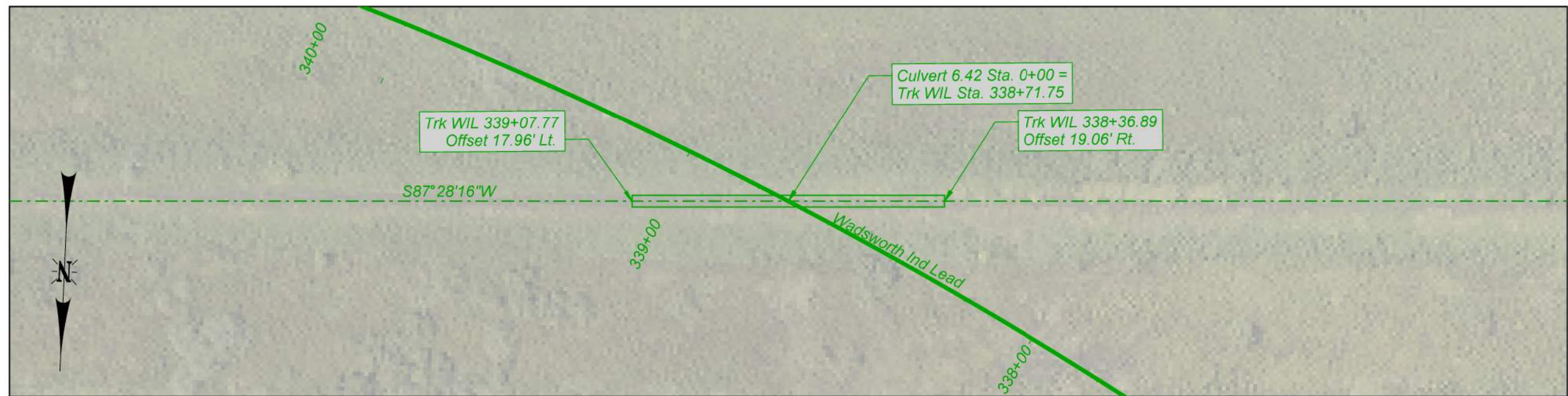
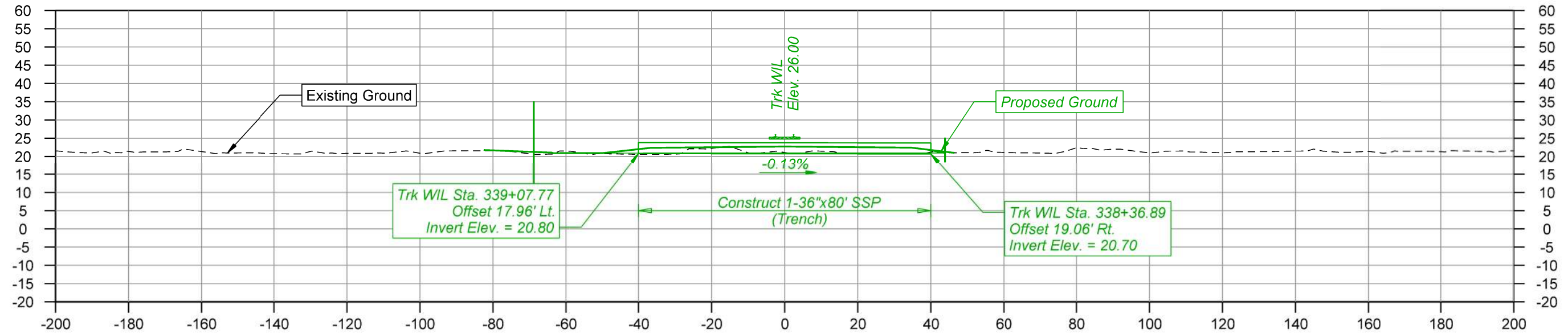
NOT FOR CONSTRUCTION

5 JUNE 2026



DRAWN BY: OPR
CHECKED BY: RSM
DATE: 06/05/2026
SHEET NUMBER: C018 of C019

UNION PACIFIC RAILROAD
LOCATION: WADSWORTH, TEXAS - MATAGORDA COUNTY
WADSWORTH INDUSTRIAL LEAD, MP 1.61-6.55
CELANESE INDUSTRIAL LEAD, MP 2.98
DWG TITLE: Culvert MP 6.38 Plan & Profile
DRAWING FILE: WIL-C



NOTES

1. Drainage items are estimated only. The actual size and location will be based on additional data and design

2. Parcel and R/W lines are to be considered approximate and are subject to change as the design progresses

THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF INTERIM REVIEW UNDER THE AUTHORITY OF RUSSELL MCNAUGHT P.E. 144948. IT IS NOT TO BE USED FOR CONSTRUCTION, BIDDING OR PERMIT PURPOSES.

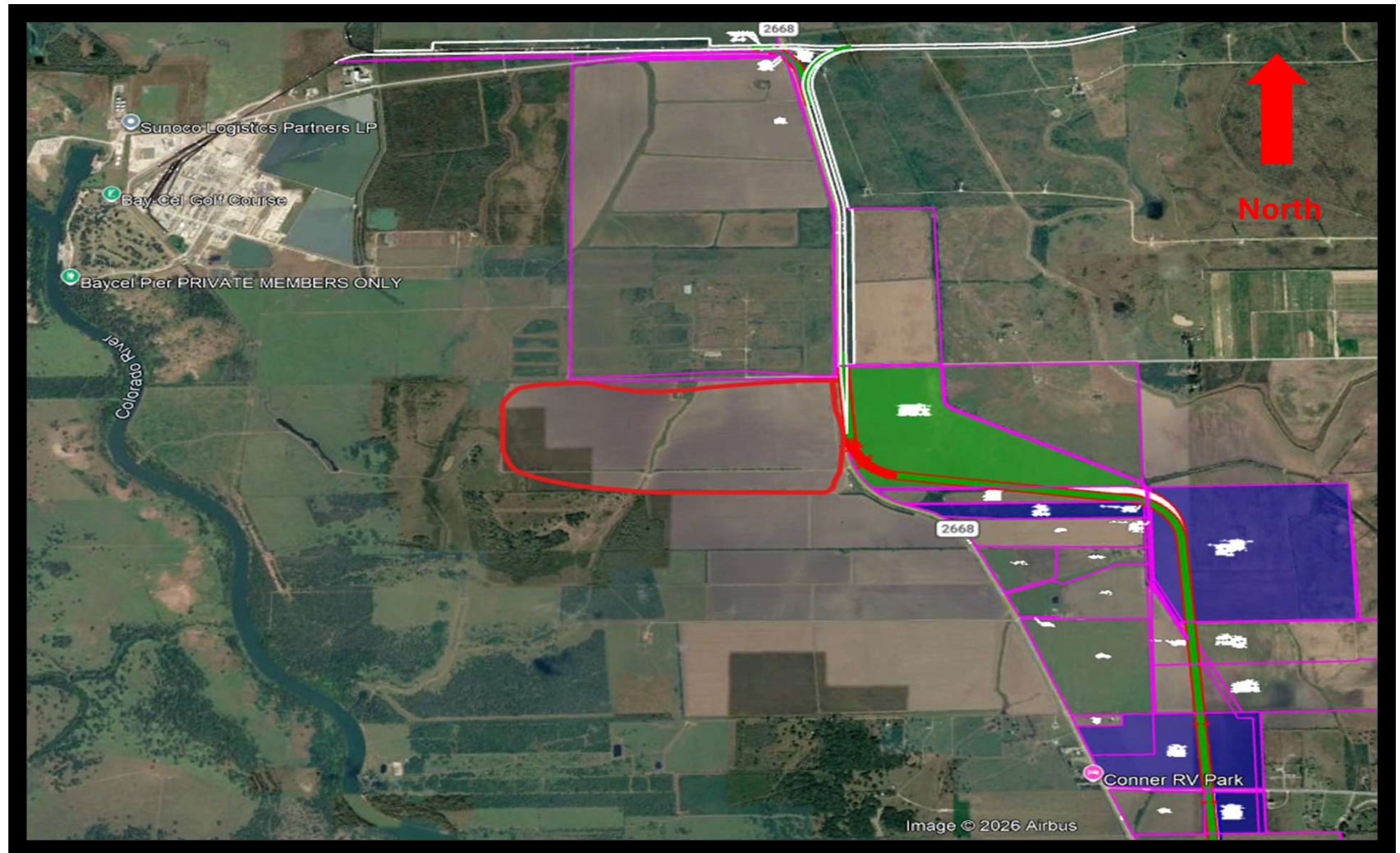
PRELIMINARY
NOT FOR CONSTRUCTION 5 JUNE 2026



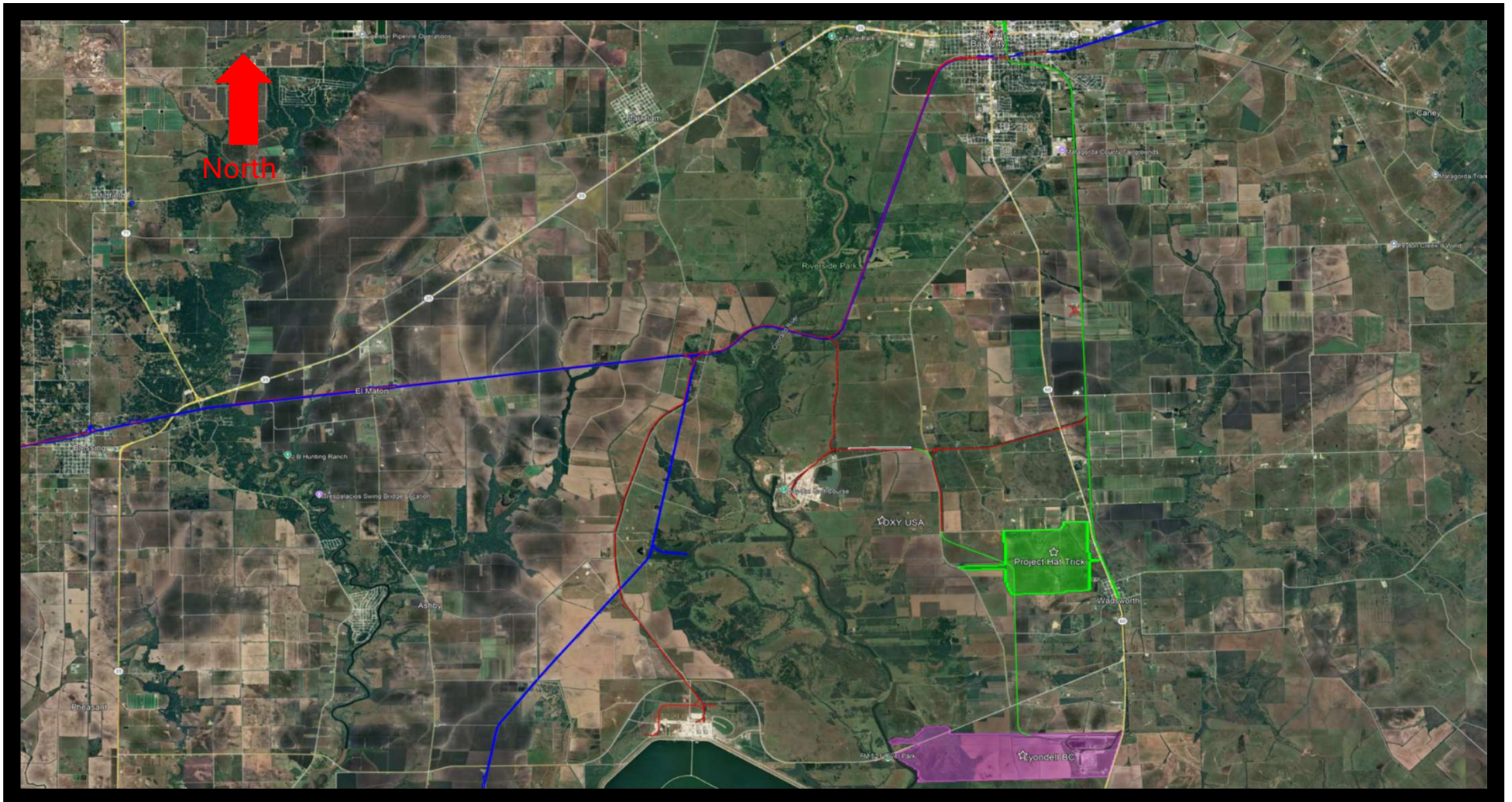
DRAWN BY: OPR
CHECKED BY: RSM
DATE: 06/05/2026
SHEET NUMBER: C019 of C019

UNION PACIFIC RAILROAD
LOCATION: WADSWORTH, TEXAS - MATAGORDA COUNTY
WADSWORTH INDUSTRIAL LEAD, MP 1.61-6.55
CELANESE INDUSTRIAL LEAD, MP 2.98
DWG TITLE: Culvert MP 6.42 Plan & Profile
DRAWING FILE: WIL-C

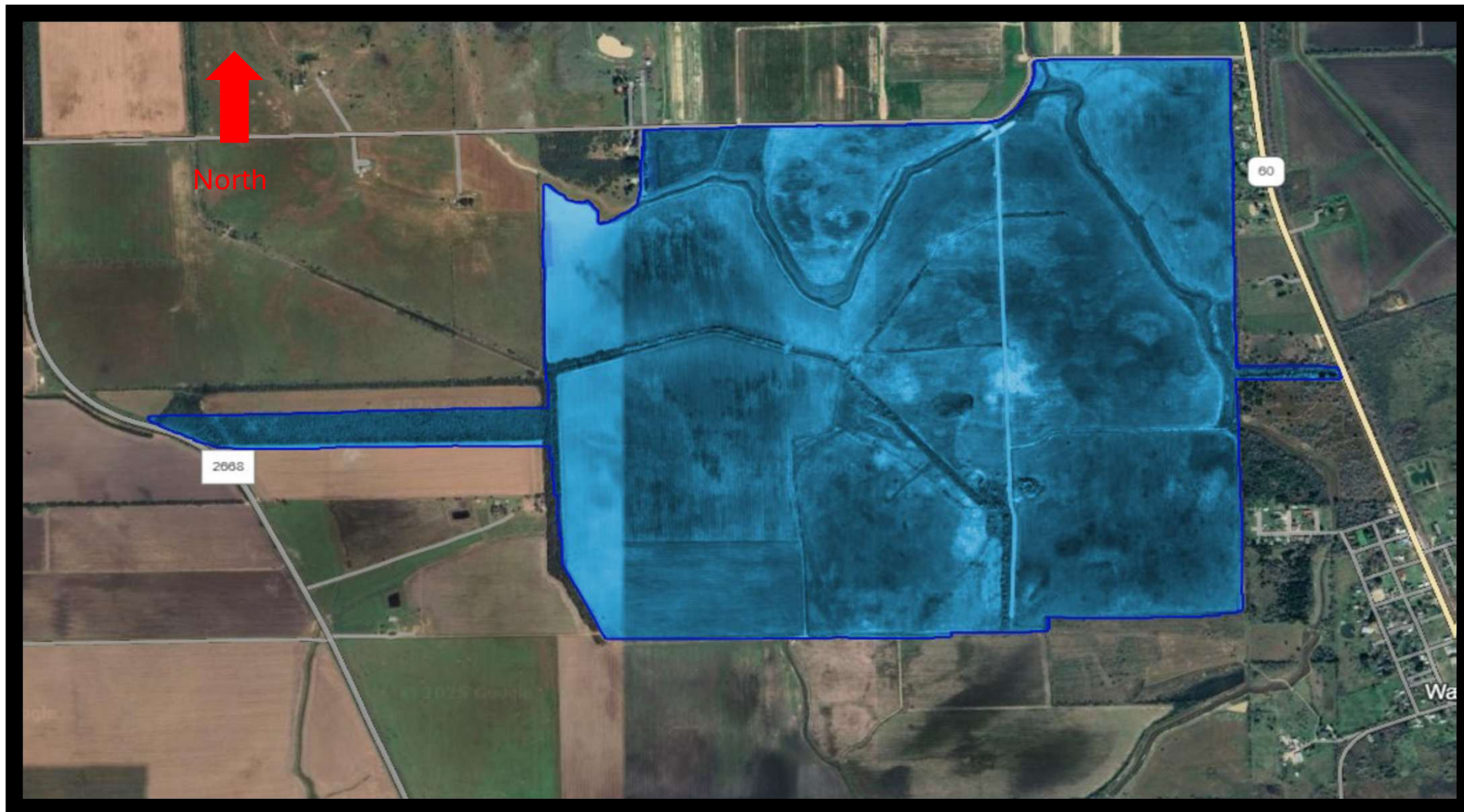
HIF – Proposed location circled in red.



RCR Rail – Proposed location referenced in **green**, LyondellBasell facility in **magenta**.



RCR Rail – Proposed location previously green, closer image here referenced in [blue](#).



PRELIMINARY - SUBJECT TO CHANGE
PENDING DIAGNOSTIC STUDY

CELENASE INDUSTRIAL LEAD, 112# WOOD, 10 MPH, JOINT USE, UP/BNSF

INSTALL 96 T.F. CURVED
CONCRETE CROSSING (10W)

INSTALL CABIN

INSTALL CROSSING GATE
WITH R15-1 AND I13-1 SIGNS
PER TXMUTCD 8D

INSTALL SIGN (W10-12)

INSTALL SIGN (W10-1)

EXIST. TXDOT R/W

570'
TO RXR SIGN

INSTALL NO PASSING MARKINGS
PER MUTCD SECTION 3B.01

EXIST. TXDOT R/W

INSTALL PAVEMENT MARKINGS
PER TXMUTCD FIGURE 8C-2A

INSTALL SIGN (W10-1)

INSTALL CROSSING GATE
WITH R15-1 AND I13-1 SIGNS
PER TXMUTCD 8D

INSTALL NO PASSING MARKINGS
PER MUTCD SECTION 3B.01

INSTALL PAVEMENT MARKINGS
PER TXMUTCD FIGURE 8C-2A

FM 3057

NOTES:
ROADWAY CLASSIFICATION: LOCAL RURAL
DESIGN SPEED: 60 MPH
ROADWAY JURISDICTION: TXDOT

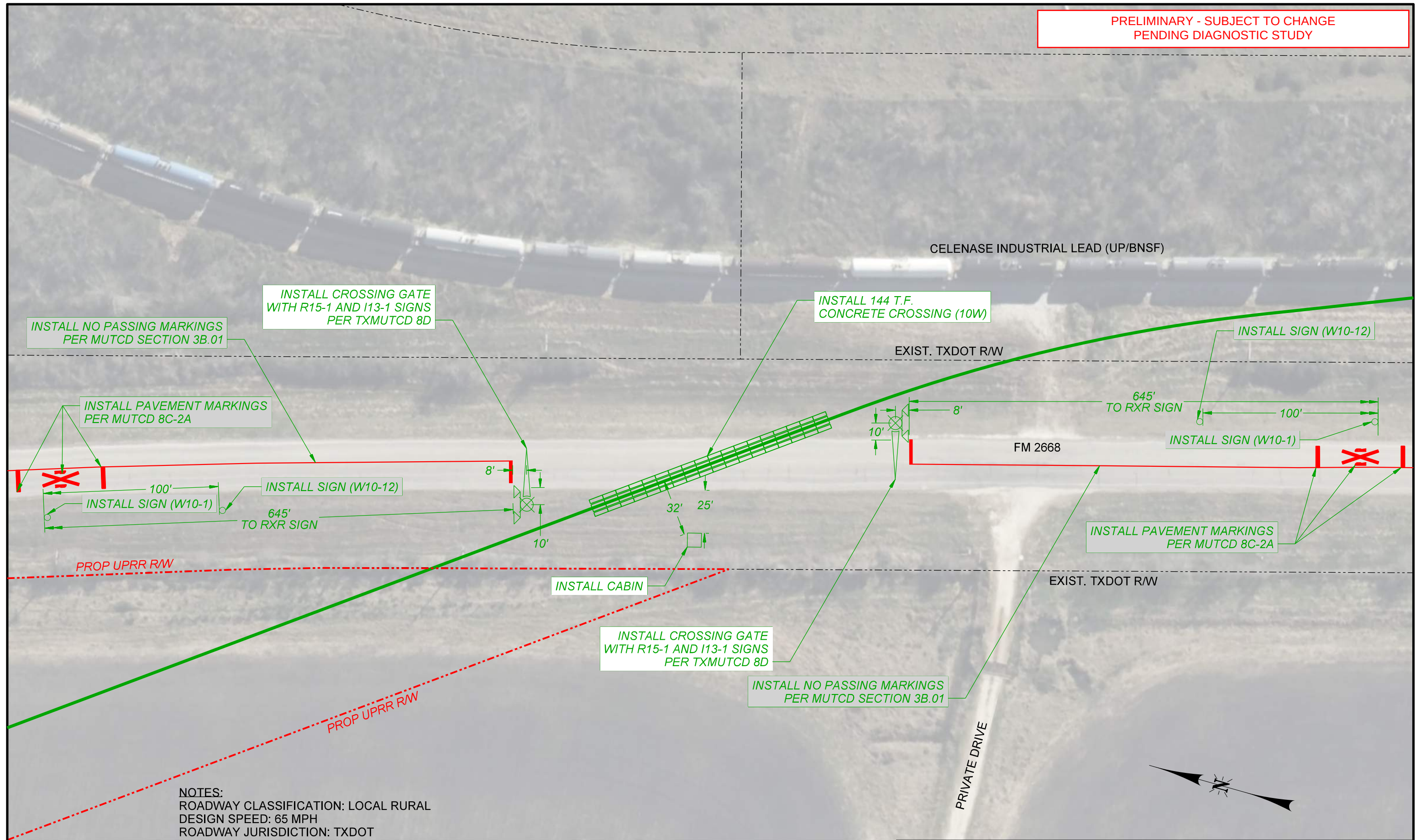
THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF
INTERIM REVIEW UNDER THE AUTHORITY OF RUSSELL
MCNAUGHT P.E. 144948. IT IS NOT TO BE USED FOR
CONSTRUCTION, BIDDING OR PERMIT PURPOSES.



DRAWN BY: OPR	UNION PACIFIC RAILROAD	
CHECKED BY: RSM	LOCATION: Wadsworth Industrial Lead Wadsworth, TX	
DATE: 06/05/2026	DWG TITLE: FM 3057 CROSSING EXHIBIT	
SHEET NUMBER R001 of R005	DRAWING FILE	

Color table:
HDR-UPRR_V8.tbl
pwr://HDR_US_Central.tbl
Default
6/1/2026

PRELIMINARY - SUBJECT TO CHANGE
PENDING DIAGNOSTIC STUDY



NOTES:
ROADWAY CLASSIFICATION: LOCAL RURAL
DESIGN SPEED: 65 MPH
ROADWAY JURISDICTION: TXDOT



THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF
INTERIM REVIEW UNDER THE AUTHORITY OF RUSSELL
MCNAUGHT P.E. 144948. IT IS NOT TO BE USED FOR
CONSTRUCTION, BIDDING OR PERMIT PURPOSES.



DRAWN BY: OPR
CHECKED BY: RSM
DATE: 06/05/2026
SHEET NUMBER
R002 of R005

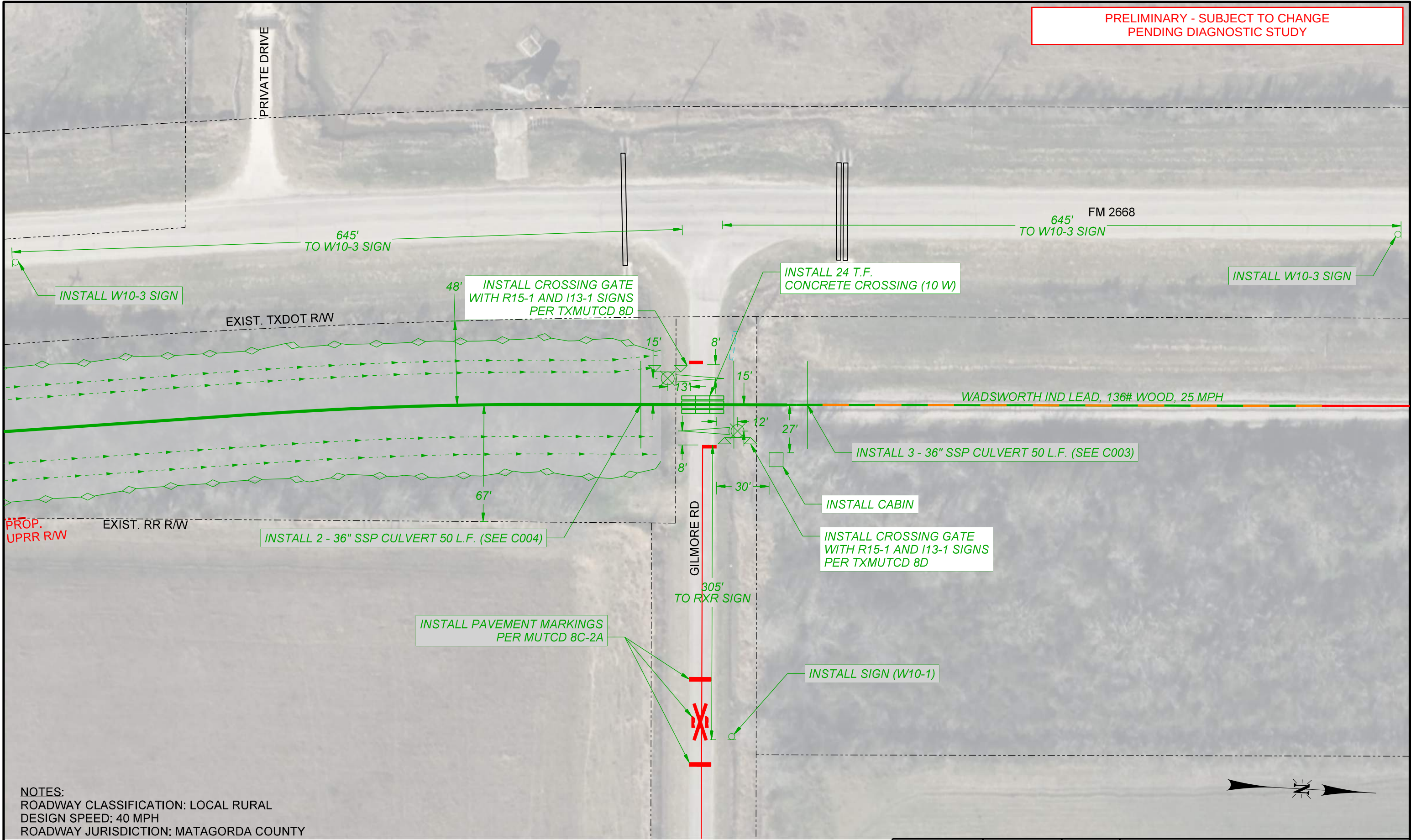
**UNION PACIFIC
RAILROAD**

LOCATION: Wadsworth Industrial Lead
Wadsworth, TX

DWG TITLE: FM 2668 CROSSING EXHIBIT

DRAWING FILE

PRELIMINARY - SUBJECT TO CHANGE
PENDING DIAGNOSTIC STUDY



NOTES:
ROADWAY CLASSIFICATION: LOCAL RURAL
DESIGN SPEED: 40 MPH
ROADWAY JURISDICTION: MATAGORDA COUNTY



THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF
INTERIM REVIEW UNDER THE AUTHORITY OF RUSSELL
MCNAUGHT P.E. 144948. IT IS NOT TO BE USED FOR
CONSTRUCTION, BIDDING OR PERMIT PURPOSES.



DRAWN BY: OPR	UNION PACIFIC RAILROAD	
CHECKED BY: RSM	LOCATION: Wadsworth Industrial Lead Wadsworth, TX	
DATE: 06/05/2026	DWG TITLE: GILMORE RD CROSSING EXHIBIT	
SHEET NUMBER R003 of R005	DRAWING FILE	

Color table:
HDR-UPRR_V81.pentable.tbl
pwr//HDR_US_Central_01/1/2026
Default

PRELIMINARY - SUBJECT TO CHANGE
PENDING DIAGNOSTIC STUDY

INSTALL 32 T.F.
CONCRETE CROSSING (10 W)

INSTALL CROSSING GATE
WITH R15-1 AND I13-1 SIGNS
PER TXMUTCD 8D

INSTALL 2 - 48" SSP CULVERT 60 L.F. (SEE C010)

INSTALL CROSSING GATE
WITH R15-1 AND I13-1 SIGNS
PER TXMUTCD 8D

INSTALL SIGN (W10-1)

INSTALL SIGN (W10-1)

EXIST. TXDOT RW

570'
TO RXR SIGN

570'
TO RXR SIGN

FM 2078

EXIST. TXDOT RW

INSTALL PAVEMENT MARKINGS
PER MUTCD 8C-2A

INSTALL NO PASSING MARKINGS
PER MUTCD SECTION 3B.01

INSTALL PAVEMENT MARKINGS
PER MUTCD 8C-2A

INSTALL NO PASSING MARKINGS
PER MUTCD SECTION 3B.01

INSTALL CABIN

50 0 50 100
SCALE IN FEET

NOTES:
ROADWAY CLASSIFICATION: LOCAL RURAL
DESIGN SPEED: 60 MPH
ROADWAY JURISDICTION: TXDOT

THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF
INTERIM REVIEW UNDER THE AUTHORITY OF RUSSELL
MCNAUGHT P.E. 144948. IT IS NOT TO BE USED FOR
CONSTRUCTION, BIDDING OR PERMIT PURPOSES.

HDR
TEXAS P.E. FIRM
REGISTRATION NO. F-754



DRAWN BY: OPR
CHECKED BY: RSM
DATE: 06/05/2026
SHEET NUMBER
R004 of R005

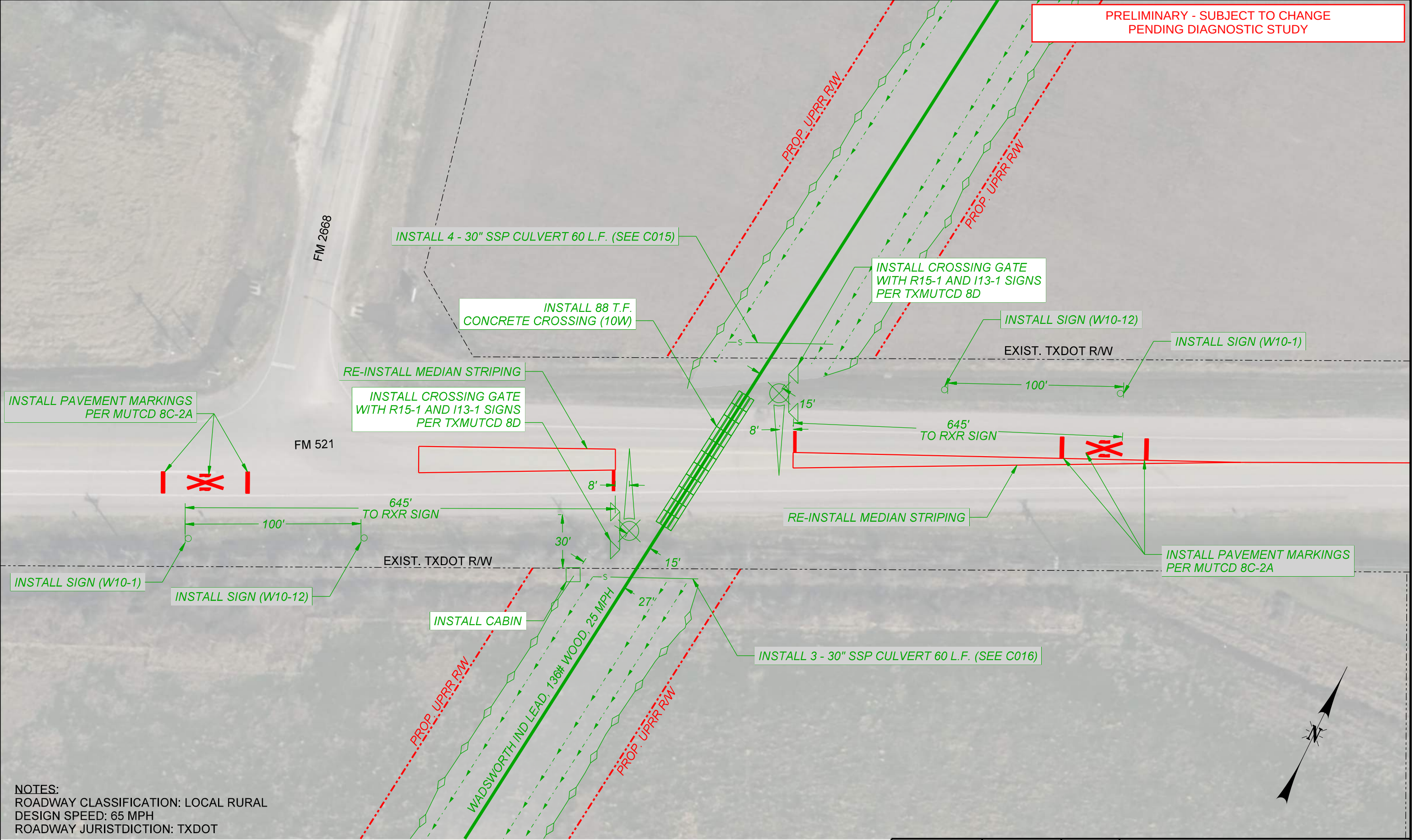
UNION PACIFIC
RAILROAD

LOCATION: Wadsworth Industrial Lead
Wadsworth, TX

DWG TITLE: FM 2078 CROSSING EXHIBIT

DRAWING FILE

PRELIMINARY - SUBJECT TO CHANGE
PENDING DIAGNOSTIC STUDY



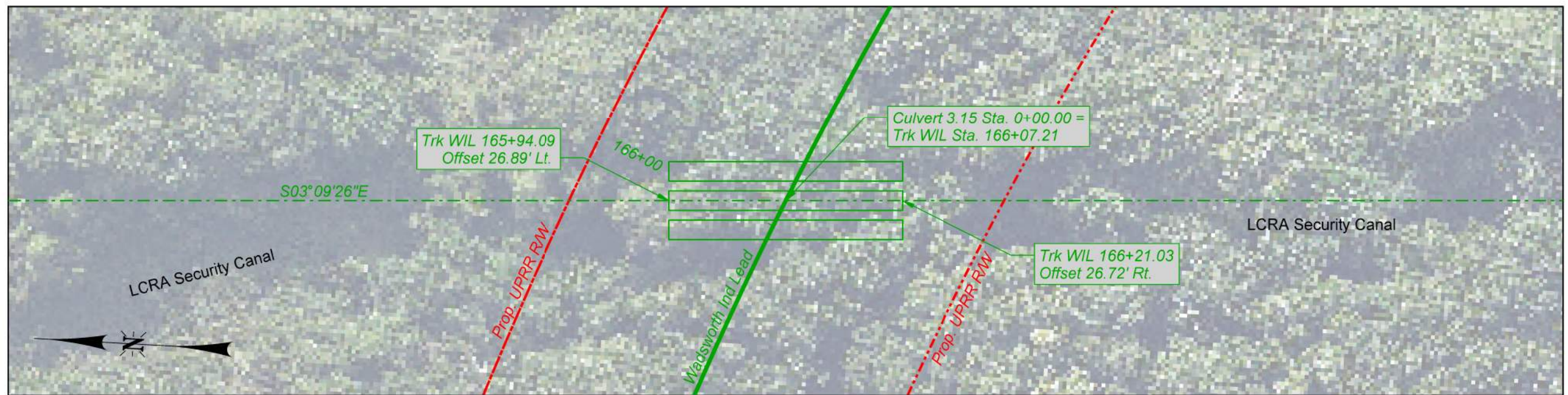
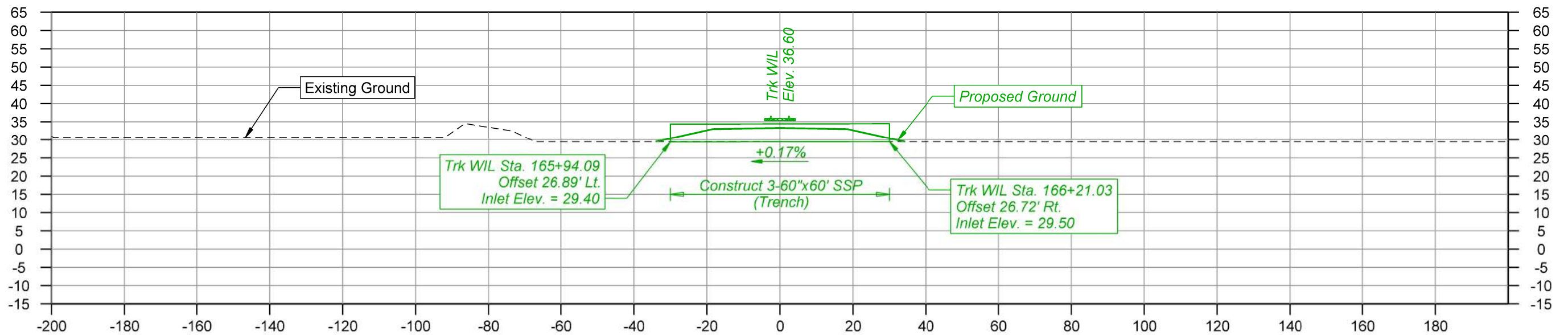
NOTES:
ROADWAY CLASSIFICATION: LOCAL RURAL
DESIGN SPEED: 65 MPH
ROADWAY JURISDICTION: TXDOT

THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF
INTERIM REVIEW UNDER THE AUTHORITY OF RUSSELL
MCNAUGHT P.E. 144948. IT IS NOT TO BE USED FOR
CONSTRUCTION, BIDDING OR PERMIT PURPOSES.



DRAWN BY: OPR	UNION PACIFIC RAILROAD	
CHECKED BY: RSM	LOCATION: Wadsworth Industrial Lead Wadsworth, TX	
DATE: 06/05/2026	DWG TITLE: FM 521 CROSSING EXHIBIT	DRAWING FILE:
SHEET NUMBER R005 of R005		

Color table:
HDR-UPRR_V8.tbl
pwr://HDR_US_Central.tbl
Default
6/1/2026



NOTES

1. Drainage items are estimated only. The actual size and location will be based on additional data and design

2. Parcel and R/W lines are to be considered approximate and are subject to change as the design progresses

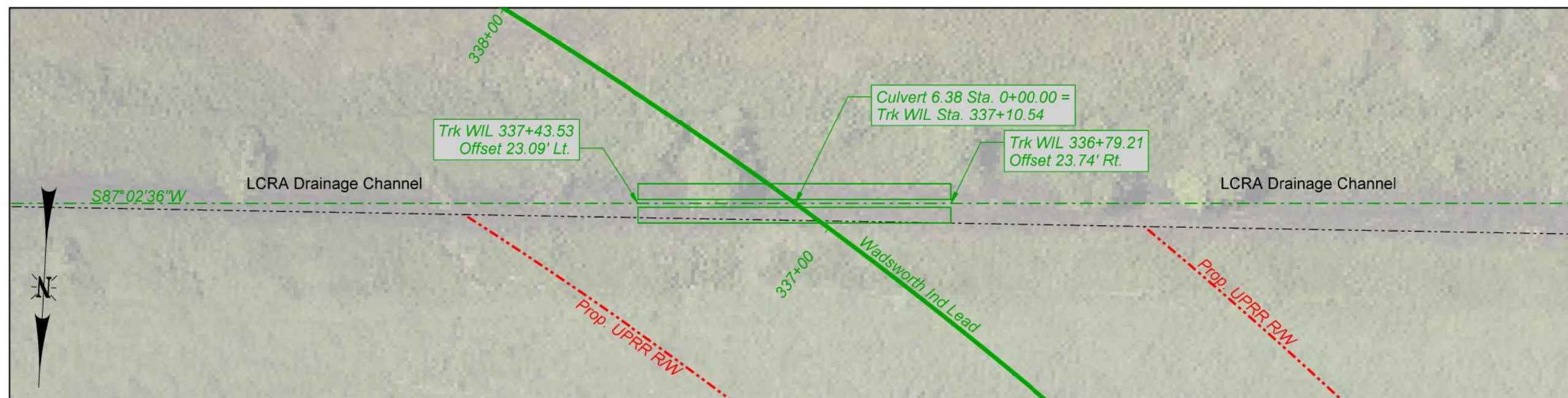
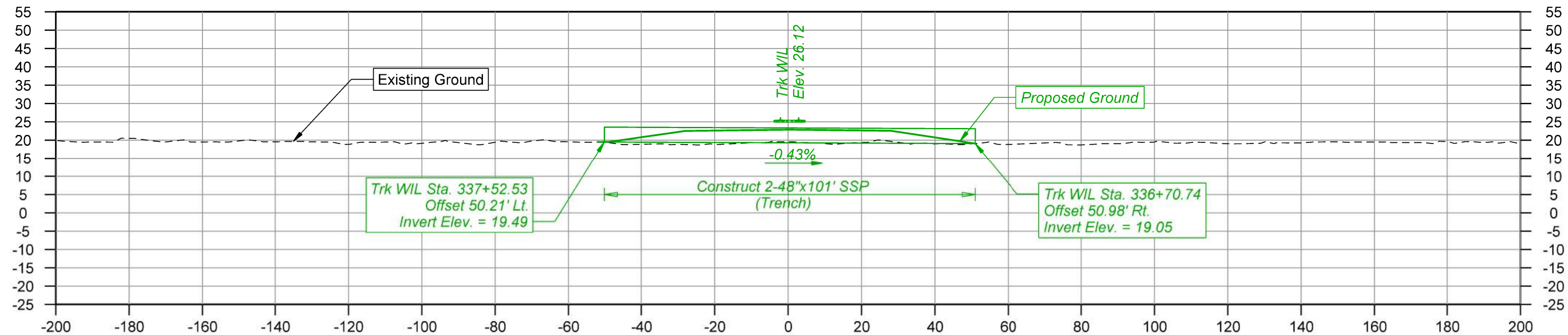
THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF INTERIM REVIEW UNDER THE AUTHORITY OF RUSSELL MCNAUGHT P.E. 144948. IT IS NOT TO BE USED FOR CONSTRUCTION, BIDDING OR PERMIT PURPOSES.

PRELIMINARY
NOT FOR CONSTRUCTION 5 JUNE 2026



DRAWN BY: OPR
CHECKED BY: RSM
DATE: 06/05/2026
SHEET NUMBER: C007 of C019

UNION PACIFIC RAILROAD
LOCATION: WADSWORTH, TEXAS - MATAGORDA COUNTY
WADSWORTH INDUSTRIAL LEAD, MP 1.61-6.55
CELANESE INDUSTRIAL LEAD, MP 2.98
DWG TITLE: Culvert MP 3.15 LCRA Plan & Profile
DRAWING FILE: WIL-C



NOTES

1. Drainage items are estimated only. The actual size and location will be based on additional data and design

2. Parcel and R/W lines are to be considered approximate and are subject to change as the design progresses

THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF INTERIM REVIEW UNDER THE AUTHORITY OF RUSSELL MCNAUGHT P.E. 144948. IT IS NOT TO BE USED FOR CONSTRUCTION, BIDDING OR PERMIT PURPOSES.

PRELIMINARY
NOT FOR CONSTRUCTION 5 JUNE 2026



DRAWN BY: OPR
CHECKED BY: RSM
DATE: 06/05/2026
SHEET NUMBER: C018 of C019

UNION PACIFIC RAILROAD
LOCATION: WADSWORTH, TEXAS - MATAGORDA COUNTY
WADSWORTH INDUSTRIAL LEAD, MP 1.61-6.55
CELANESE INDUSTRIAL LEAD, MP 2.98
DWG TITLE: Culvert MP 6.38 Plan & Profile
DRAWING FILE: WIL-C