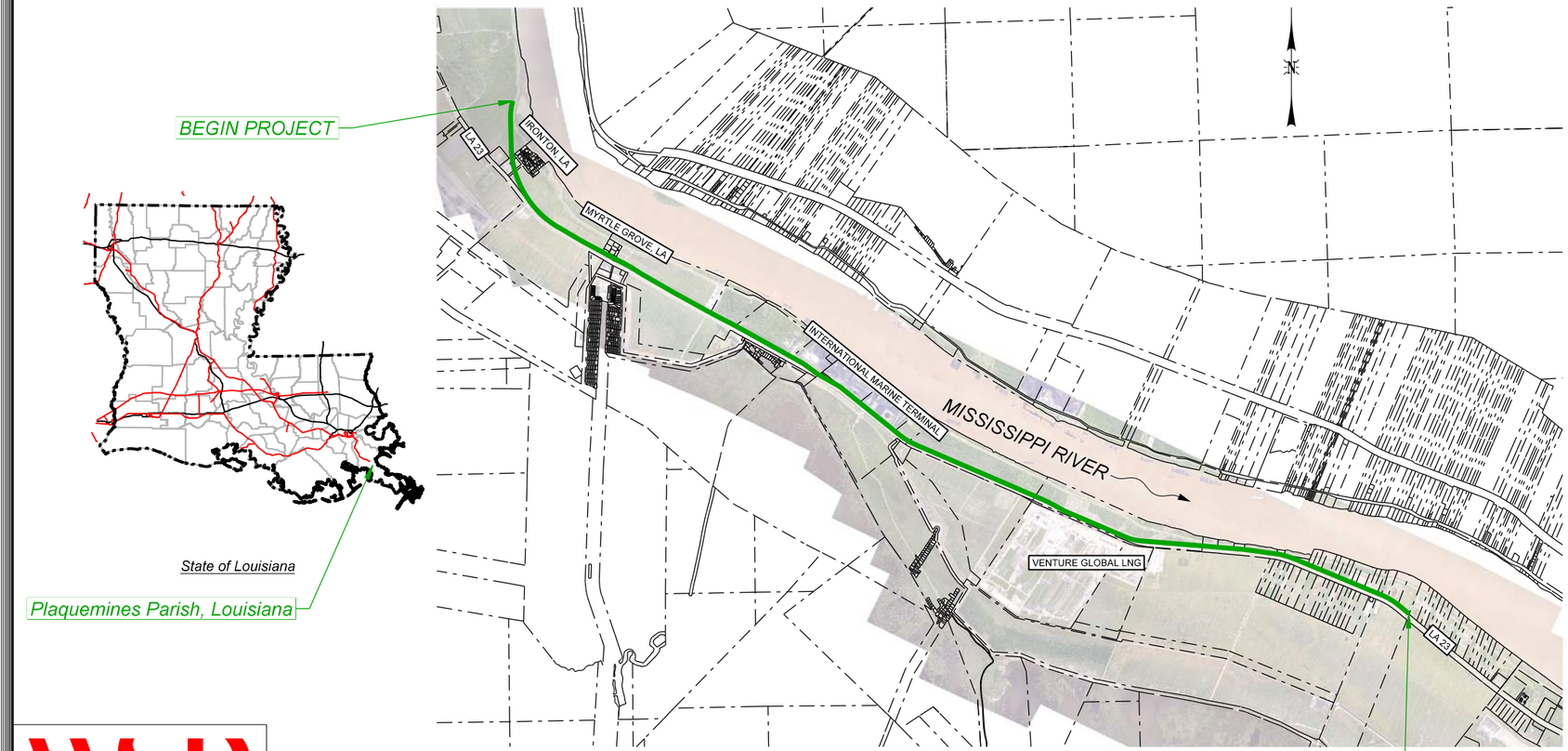
NEW ORLEANS AND GULF COAST
RAILWAY CO.

ENGINEERING DESIGN

PROJECT MANAGER:
JOHN DONOVAN, PE



Project Location Map

wsp

PLAQUEMINES PARISH, LA
NEW ORLEANS AND GULF COAST RAILROAD
MP 24 TO FUTURE MP 33
LOUISIANA GATEWAY TERMINAL
MAINLINE EXTENSION

30% SUBMITTAL
NOT FOR CONSTRUCTION

LAST REVISED
NOVEMBER 2, 2022

WORK ORDER:
PROJECT NUMBER:
BUDGET REFERENCE:

PROJECT INDEX

PROJECT DESIGN	DESCRIPTION
G001	COVER SHEET WITH VICINITY MAP
G002	PROJECT INDEX & REVISION SHEET
G003	GENERAL NOTES & PROJECT CONTACTS
G004	ABBREVIATIONS & LEGEND
G005	CONTROL POINTS & GEOMETRY
G006	SHEET KEY MAP
P001 - P032	PROP MAIN PLAN AND PROFILE
P033 - P035	PROP SIDING PROFILE
P036 - P038	SHOOFLY PLAN AND PROFILE
T001 - T006	LGT TRACK TYPICAL SECTIONS
R001	ROADWAY TYPICAL SECTION
R002 - R003	ROADWAY PLAN & PROFILE: IRONTON ROAD
R004	ROADWAY PLAN & PROFILE: MYRTLE GROVE 2 DRIVEWAY
R005	ROADWAY PLAN & PROFILE: MYRTLE GROVE ROAD
R006	ROADWAY PLAN & PROFILE: KINDER MORGAN 2 DRIVEWAY
R007	ROADWAY PLAN & PROFILE: KINDER MORGAN 3 DRIVEWAY
R008	ROADWAY PLAN & PROFILE: KINDER MORGAN 4 DRIVEWAY
R009	ROADWAY PLAN & PROFILE: USACE DRIVEWAY
R010	ROADWAY PLAN & PROFILE: VENTURE GLOBAL ACCESS ROAD
R011	ROADWAY PLAN & PROFILE: USACE "Y" DRIVEWAY
R012	ROADWAY PLAN & PROFILE: PRIVATE ACCESS 1 DRIVEWAY
R013	ROADWAY PLAN & PROFILE: PRIVATE ACCESS 2 DRIVEWAY
R014	ROADWAY PLAN & PROFILE: PRIVATE ACCESS 3 DRIVEWAY
D001	DRAINAGE PIPE PROFILE (TYPICAL)
X001 - X078	CROSS SECTIONS

STANDARDS	DESCRIPTION

STRUCTURES DESIGN	DESCRIPTION
S001 - S002	INTEGRATED UPRR STANDARD CRASH WALL DETAILS

PROJECT INDEX (CONTINUED)

ELECTRICAL DESIGN	DESCRIPTION

MECHANICAL DESIGN	DESCRIPTION

ARCHITECTURAL DESIGN	DESCRIPTION

GENERAL NOTES

1. ALL PROPOSED AT-GRADE CROSSINGS ARE CONCEPTUAL AND SUBJECT TO CHANGE IN QUANTITY AND LOCATION AS DESIGN PROGRESSES.

2. ANY PROPOSED STRUCTURES ARE CONCEPTUAL AND SUBJECT TO CHANGE IN QUANTITY AND LOCATION AS DESIGN PROGRESSES.

PROJECT REVISIONS

REV. #	BY	DATE:	SHEET:	DESCRIPTION
REV05	NHE	08/10/2022	ALL	FLATTENED REVERSE CURVES AT KM, SHIFTED ALIGNMENT CLOSER TO LA 23 AT VG PIPE BRIDGE, ADJUSTED DERAIL CLEARANCES
REV05.1	NHE	08/31/2022	ALL	SHIFTED ALIGNMENT AWAY FROM LEVEE AND TOWARDS LA 23 FROM APPROX. STA. 350+00 TO END
REV06	NHE	10/03/2022	ALL	MODIFIED ALIGNMENT TO IMPROVE GRADE CROSSING DESIGN AND TO INCREASE DESIGN SPEED OF ENTIRE ALIGNMENT TO 45 MPH

WSP USA INC.
ONE PENN PLAZA, 4TH FLOOR
NEW YORK, NEW YORK 10119
LICENSE No. EF.0000623

NEW ORLEANS AND GULF COAST RAILWAY CO.

- PRELIMINARY -

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DRAWN BY: ABG
CHECKED BY: NHE
DATE: 11/02/2022
SHEET NUMBER: G002 of 006

UNION PACIFIC RAILROAD

LGT MAINLINE EXTENSION

LOCATION & DESCRIPTION:
30% Design
NOGC RR Terminus (MP 24) to Future Gateway Terminal (MP 33)
Plaquemines Parish, LA

SHEET TITLE:
PROJECT INDEX & REVISIONS

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pw://HDR_PW_DTSNME///
G002 Project Index and Revision Sheet
10/26/2022

GENERAL NOTES

1. Contractor shall notify LA23 Development Company's program manager Sam Matheny at (504) 488-8002 prior to begining any work.
2. No work whatsoever shall be commenced without first notifying the LA23 Engineer.
3. The Contractor shall comply with all Federal, State, Parish, 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 determiniation 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 LA23 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 LA23, 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 LA23 or 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 LA23 or 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 GIS mapping and are approximate.
19. Match lines for sheets are based on the proposed Main Track stationing unless otherwise specified.
20. Track laying, ballasting, and installation of road crossing panels will be done by Contractor 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 STATE and PARISH standard specifications for construction of public improvements requirements. PARISH 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. American Railway Engineering and Maintenance of Way Association - 2022 Manual for Railway Engineering
3. STATE Department of Transportation Roadway Standards
4. PARISH Public Works Engineering Division

SURVEY NOTES

1. Railroad stationing for project profiles and alignments is based on stations established for chord definition spiraled curves at the centerline of the proposed Main Track unless otherwise noted.
2. The contractor is responsible for the preservation of all survey control monuments. In the event monuments are damaged or destroyed by the contractor, the Engineer will replace the monument solely at the contractor's expense.

	DATUM
HORIZONTAL	NAD83 Louisiana State Planes, Southern Zone AVG. COMBINED SCALE FACTOR = 1.00004707064344
VERTICAL	NAVD 88 (GEOID 09)

Existing Survey Conditions as shown herein were taken from an Aerial Survey performed by WSP, Atlantic Group, and Linfield Hunter and Junius (LHJ). The survey information shown herein was extracted from an Aerial LiDAR and Imagery Data Collection performed by the Atlantic Group. The Atlantic Group acquired LiDAR and Imagery on April 29th, 2022, and existing conditions are based upon the data as collected during that flight. Atlantic Group utilized a combination of Imagery obtained from a Phase One iXM-100F-MI000120-RD-70 MM Camera and a Galaxy T2000 Teledyn Optech LiDAR System. LHJ established 25 Aerial Targets for use in Aerial Data Collection. All horizontal control values are based upon the NAD 83 Louisiana State Plane (Southern Zone), with an averaged combined scale factor of 1.00004707064344 and all vertical control values are based upon NAVD88 (Geoid 09). Site Localizations were performed at LHJ Control Point #23, with values of Northing: 406079.97 and Easting: 3737517.89 Elev: 1.29'. WSP utilized the existing information from both LHJ and Atlantic Group to extract planimetric and DTM/Elevation data for 2D and 3D mapping efforts.

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 exisit. All automatic warning devices are the responsibility of NOGC. At no time shall a crossing be left open without proper warning signs in place.
5. Contractor shall submit traffic control plans to PARISH 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.
6. The contractor is responsible for the prompt replacememt and/or repair of all traffic control devices and appurtenances damaged or disturbed due to construction.

PROJECT CONTACTS

CONTACT	PHONE NUMBER	LA23
		Construction Project Manager
		Construction Field Manager
		Project Design Manager
		Project Design Sr. Project Designer
		Structures Design Sr. Manager
		Structures Design Manager
		Information Technology - Fiber
		Real Estate - Utilities
		Real Estate - Acquisitions
		Soil Management Plan

CONTACT	PHONE NUMBER	FIBER

CONTACT	PHONE NUMBER	UTILITIES

CONTACT	PHONE NUMBER	FEDERAL AND LOCAL GOVERMENT AGENCY

PHONE NUMBER	GENERAL
(888) 258-0808	CALL BEFORE YOU DIG (NATIONAL DIRECTORY)

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NEW ORLEANS AND GULF COAST RAILWAY CO.

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DRAWN BY: ABG
CHECKED BY: NHE
DATE: 11/02/2022
SHEET NUMBER: G003 of 006

UNION PACIFIC RAILROAD

LOCATION & DESCRIPTION:
30% Design
NOGC RR Terminus (MP 24) to Future Gateway Terminal (MP 33)
Plaquemines Parish, LA

SHEET TITLE:
GENERAL NOTES & PROJECT CONTACTS

Color table:
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G003 General Notes and Project Contacts
11/3/2022

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

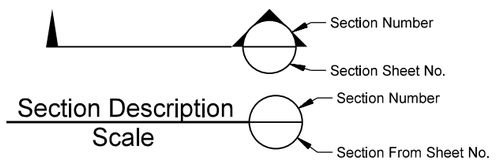
ABS	Automatic Block Signal
ATC	Automatic Train Control
CTC	Centralized Traffic Control
DED	Dragging Equipment Detector
DTC	Direct Traffic Control
ELTO	Electric Lock Turnout
HBD	Hot Box Detector
HTTO	Hand Throw Turnout
HWD	High Wide Dectector
POTO	Power Operated Turnout
TWC	Track Warrant Control
WILD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

STRUCTURES

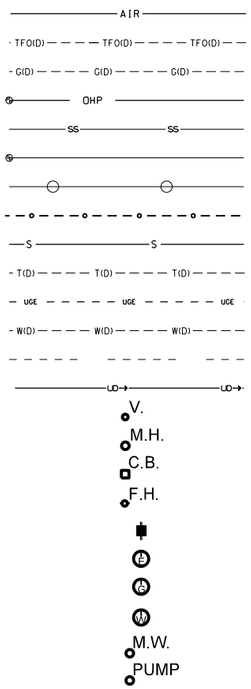
Bldg.	Building
Br.	Bridge
CB	Catch Basin
CPT	Concrete Pile Trestle - Ballast Deck
CIP	Cast Iron Pipe
CMP	Corrugated Metal Pipe
CMPA	Corrugated Metal Pipe Arch
CSP	Corrugated Steel Pipe
Culv.	Culvert
DI	Drop Inlet
DPGBD	Deck Plate Girder - Ballast Deck
DPGOD	Deck Plate Girder - Open Deck
EBW	East Backwall
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

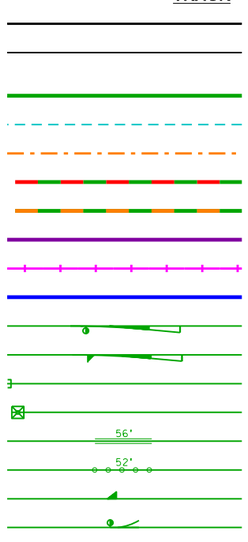
ATR	Above Top of Rail
Align.	Alignment
BBR	Below Base of Rail
Cntrs.	Centers
CWR	Continuous Welded Rail
DSPD	Double Switch Point Derail
EOT	End of Track
HH	Head Hardened
Jtd.	Jointed Rail
LH	Left Hand
ML	Main Line
MM	Mile Marker
MP	Mile Post
NSC	Not Sufficient Clearance
OTM	Other Track Material
PCC	Point 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
PGL	Profile Grade Line
RH	Right Hand
SH	Second Hand
SSPD	Single Switch Point Derail
TC	Track Centers
T.F.	Track Feet
Trk.	Track
UXO	Universal Cross-Over
X-Over	Cross-Over



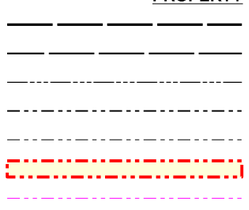
UTILITIES



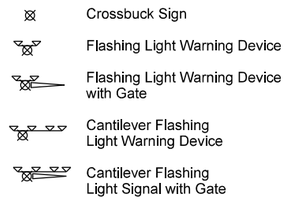
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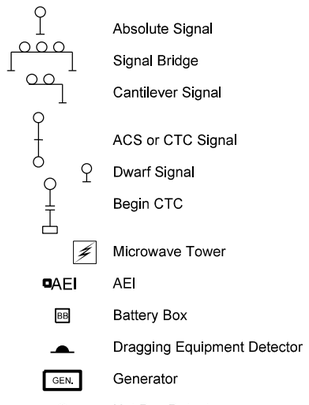
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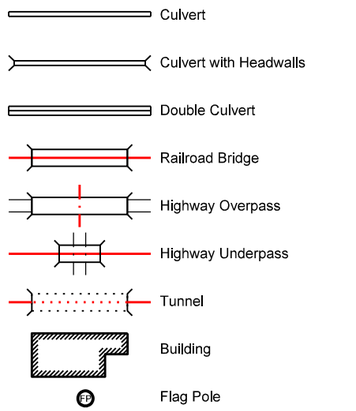
ROAD CROSSING WARNING DEVICES



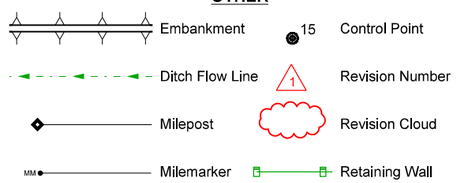
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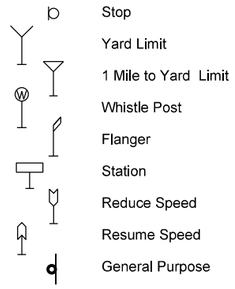
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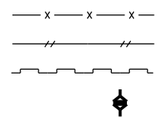
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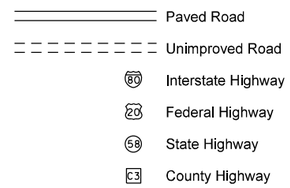
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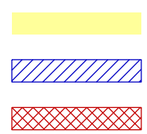
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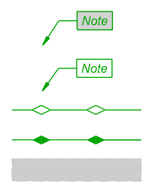
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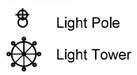
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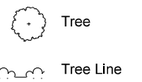
CONSTRUCTION



LIGHTING



SITE



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UNION PACIFIC

DRAWN BY: ABG
CHECKED BY: NHE
DATE: 11/02/2022
SHEET NUMBER: G004 of 006

UNION PACIFIC RAILROAD

LGT MAINLINE EXTENSION

LOCATION & DESCRIPTION:
30% Design
NOGC RR Terminus (MP 24) to Future Gateway Terminal (MP 33)
Plaquemines Parish, LA

SHEET TITLE:
ABBREVIATIONS & LEGEND

Color table:
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G004 Abbreviations and Legend
10/26/2022

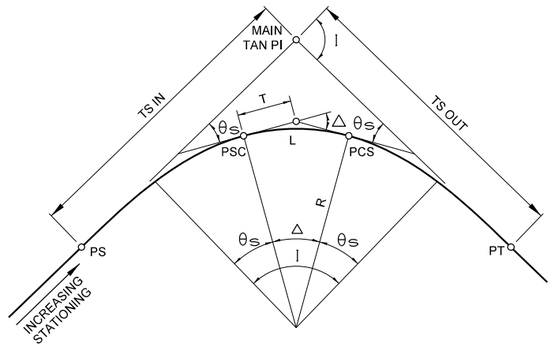


FIGURE A
CIRCULAR CURVES WITH SPIRAL TRANSITION

I - TOTAL INTERSECTION ANGLE

θ_S - SPIRAL ANGLE = $\frac{A L^2}{2}$

Δ - CENTRAL ANGLE OF CIRCULAR CURVE = I - 2 θ_S

Dc - DEGREE OF CURVE

A - RATE OF CHANGE OF DEGREE OF CURVE PER 100-ft. OF LENGTH = $\frac{Dc}{L}$

R - RADIUS OF CIRCULAR CURVE

T - TANGENT LENGTH OF CIRCULAR CURVE = R TAN $\frac{\Delta}{2}$

L - LENGTH OF CIRCULAR CURVE = $\frac{\Delta}{Dc}$ x 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)
(TS OUT) - TANGENT LENGTH OF COMPLETE CURVE = (R+o) TAN $\frac{I}{2}$ + t

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

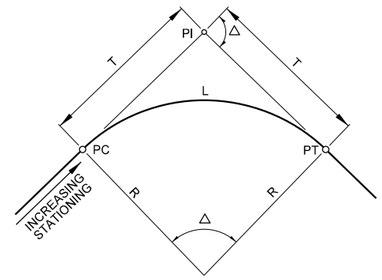


FIGURE B
SIMPLE CIRCULAR CURVE

R = RADIUS OF CIRCULAR CURVE

Δ = CENTRAL ANGLE OF CIRCULAR CURVE

T = R TAN $\frac{\Delta}{2}$

L = $\frac{\Delta}{Dc}$ x 100

Dc = 2 SIN^{-1} (50/R) = DEGREE OF CURVE (CHORD DEFINITION)

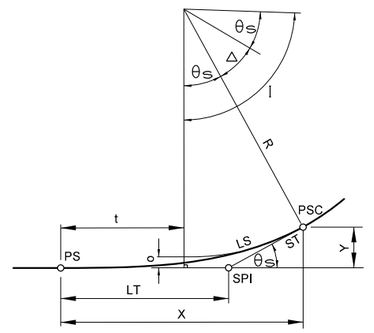


FIGURE C
SPIRAL TRANSITION CURVE

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

LS = LENGTH OF SPIRAL (TS TO PSC)

θ_S = $\frac{A L^2}{2}$

X = $100 L_1 - 0.000762A^2L_1^5$

Y = $0.291AL_1^3 - 0.00000158A^3L_1^7$

o = $0.0727AL_1^3$

t = $50L_1 - 0.000127A^2 L_1^5$

ST = $\frac{Y}{SIN\ \theta_S}$

LT = $X - \frac{Y}{TAN\ \theta_S}$

Dc = 2 SIN^{-1} (50/R) = DEGREE OF CURVE (CHORD DEFINITION)

L_1 - TOTAL NO. OF STATIONS IN SPIRAL

SPI - SPIRAL POINT OF INTERSECTION

NOTE: Dc, θ_S, Δ, AND I ARE IN DEGREES.
ALL OTHERS DIMENSIONS ARE FEET.

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DATE: 11/02/2022
SHEET NUMBER: G005 of 006

UNION PACIFIC RAILROAD

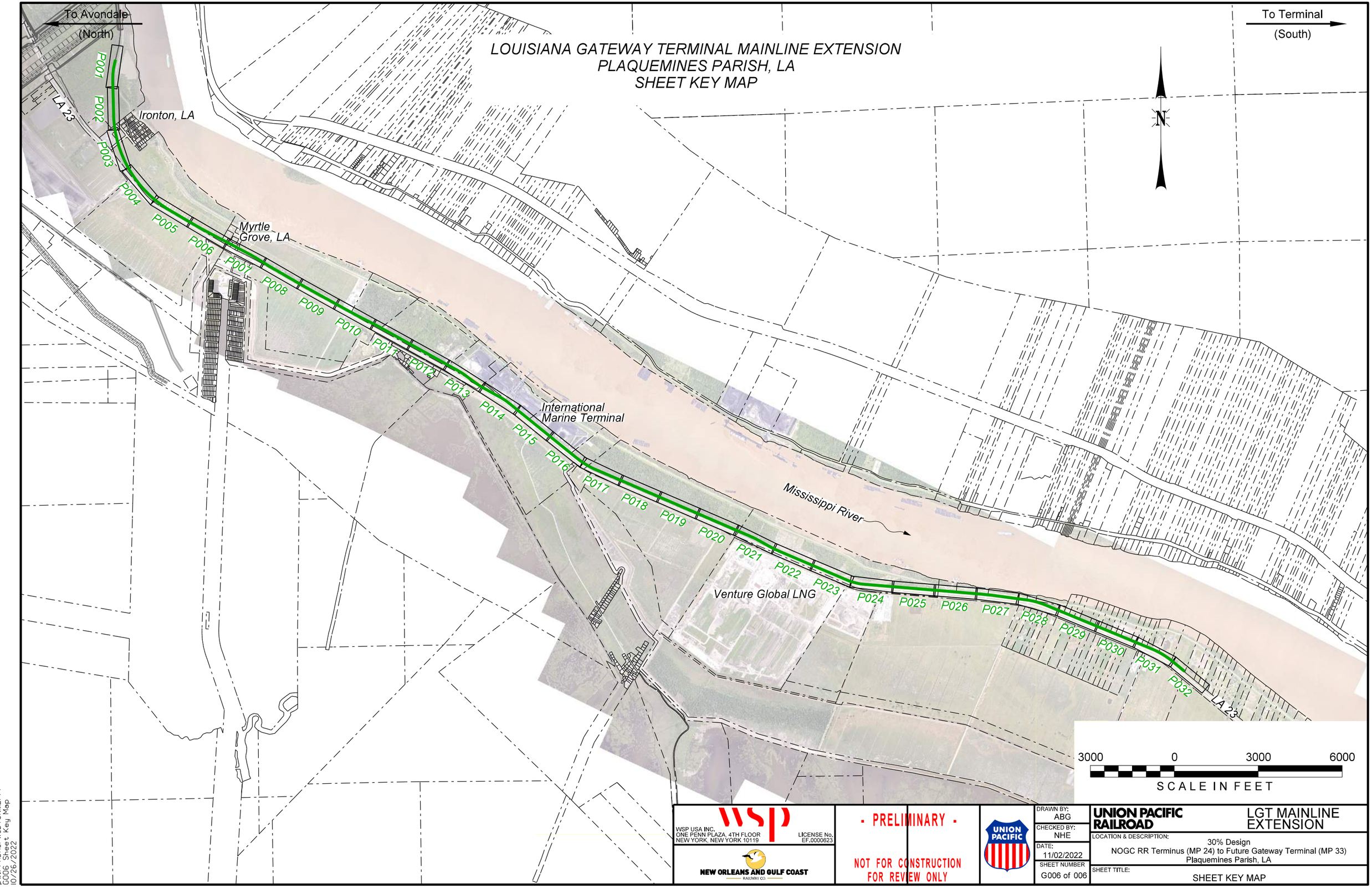
LGT MAINLINE EXTENSION

LOCATION & DESCRIPTION:
30% Design
NOGC RR Terminus (MP 24) to Future Gateway Terminal (MP 33)
Plaquemines Parish, LA

SHEET TITLE:
CONTROL POINTS & GEOMETRY

Color table:
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pw://HDR_PW_DTSNME///
G005 Control Points and Geometry
10/26/2022

LOUISIANA GATEWAY TERMINAL MAINLINE EXTENSION
PLAQUEMINES PARISH, LA
SHEET KEY MAP



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LGT MAINLINE EXTENSION

LOCATION & DESCRIPTION:
30% Design
NOGC RR Terminus (MP 24) to Future Gateway Terminal (MP 33)
Plaquemines Parish, LA

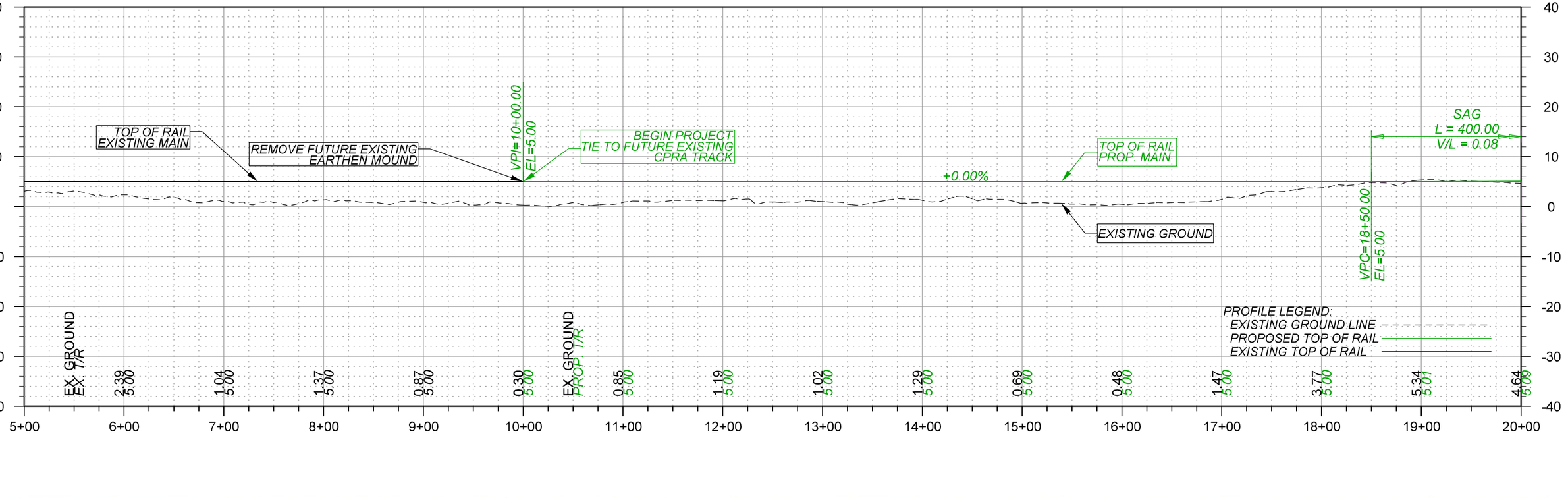
SHEET TITLE:
SHEET KEY MAP

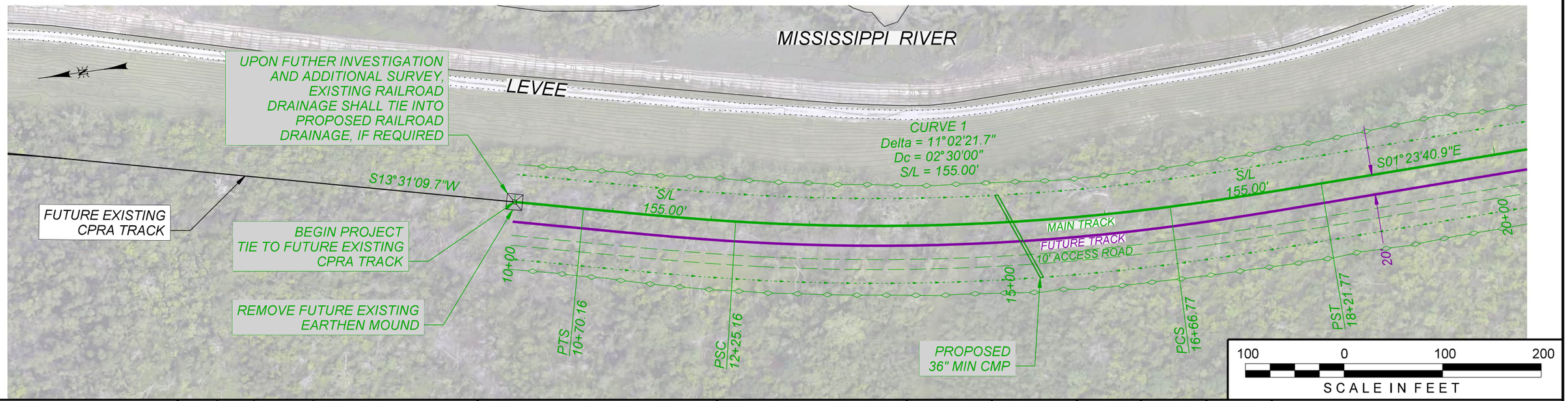
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pw://HDR_PW_DTSNME///
G006 Sheet Key Map
10/26/2022

To Avondale
(North)

To Terminal
(South)





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REV05		08/10/2022	
REV05.1		09/07/2022	
REV06		11/02/2022	

LEGEND:
- EXIST. TRACK
- PROPOSED TRACK
- FUTURE TRACK
- SHOOFLY TRACK
- SHIFT TRACK
- RETIRE TRACK
- GIS R/W BOUNDARY

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WORK ORDER:	
PID:	
BUDGET REF:	
SHEET NUMBER	P001 of 038

UNION PACIFIC RAILROAD

LGT MAINLINE EXTENSION

LOCATION & DESCRIPTION:
30% Design
NOGC RR Terminus (MP 24) to Future Gateway Terminal (MP 33)
Plaquemines Parish, LA

SHEET TITLE:
PROP. MAIN PLAN AND PROFILE

Color table:
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pw://HDR_PW_DTSNME///
Main Track Alignment-5 - Plan 1 [Sheet].SW
11/2/2022

To Avondale
(North)

To Terminal
(South)

SAG
L = 400.00
V/L = 0.08

VPI=20+50.00
EL=5.00

VPT=22+50.00
EL=5.67

+0.33%

VPC=24+50.00
EL=6.33

VPI=26+50.00
EL=7.00

CREST
L = 400.00
V/L = 0.08

VPT=28+50.00
EL=7.00

+0.00%

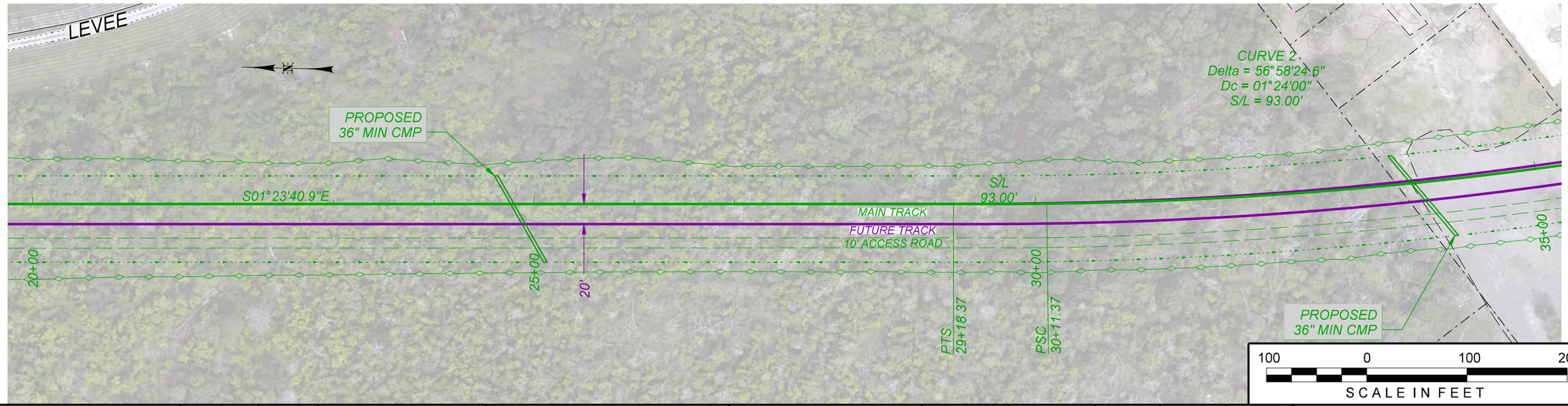
TOP OF RAIL
PROP. MAIN

EXISTING GROUND

PROFILE LEGEND:
EXISTING GROUND LINE
PROPOSED TOP OF RAIL

EX. GROUND / PROP T/R

20+00	21+00	22+00	23+00	24+00	25+00	26+00	27+00	28+00	29+00	30+00	31+00	32+00	33+00	34+00	35+00
4.64 / 5.09	4.09 / 5.26	2.88 / 5.51	2.76 / 5.83	2.33 / 6.17	2.33 / 6.49	3.35 / 6.74	1.99 / 6.91	2.36 / 6.99	1.95 / 7.00	5.74 / 7.00	2.20 / 7.00	1.39 / 7.00	1.51 / 7.00	0.59 / 7.00	0.60 / 7.00



100 0 100 200
SCALE IN FEET

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REV. #	BY	DATE	DESCRIPTION
REV05		08/10/2022	
REV05.1		09/07/2022	
REV06		11/02/2022	

LEGEND:
EXIST. TRACK
PROPOSED TRACK
FUTURE TRACK
SHOOFLY TRACK
SHIFT TRACK
RETIRE TRACK
GIS R/W BOUNDARY

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SCALE:	1"=100' (H) 1"=20' (V)
WORK ORDER:	
PID:	
BUDGET REF:	
SHEET NUMBER	P002 of 038

UNION PACIFIC RAILROAD

LGT MAINLINE EXTENSION

LOCATION & DESCRIPTION:
30% Design
NOGC RR Terminus (MP 24) to Future Gateway Terminal (MP 33)
Plaquemines Parish, LA

SHEET TITLE:
PROP. MAIN PLAN AND PROFILE

Color table:
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pw://HDR_PW_DTSNME///
Main Track Alignment-5 - Plan 2 [Sheet]
11/2/2022

To Avondale
(North)

To Terminal
(South)

40
30
20
10
0
-10
-20
-30
-40

℄ IRONTON RD.

+0.00%

TOP OF RAIL
PROP. MAIN

EXISTING GROUND

PROFILE LEGEND:
EXISTING GROUND LINE
PROPOSED TOP OF RAIL

EX. GROUND
PROP. T/R

0.60	0.28	0.48	0.36	-0.09	1.56	0.57	1.09	0.92	0.44	0.29	1.17	0.14	0.11	0.23	1.17
7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00

35+00 36+00 37+00 38+00 39+00 40+00 41+00 42+00 43+00 44+00 45+00 46+00 47+00 48+00 49+00 50+00

IRONTON, LA

IRONTON RD

W(D)

CURVE 2
Delta = 56°58'24.6"
Dc = 01°24'00"
S/L = 93.00'

PROPOSED
36" MIN CMP

18' PAVED ACCESS ROAD

10' ACCESS ROAD

FUTURE TRACK
MAIN TRACK
FUTURE TRACK

35+00

40+00

45+00

50+00

PROPOSED
36" MIN CMP

PROPOSED SINGLE TRACK
CONCRETE AT-GRADE CROSSING
(GATES AND FLASHERS).
SEE ROADWAY DETAIL SHEET R002 AND R003.

LA 23 NB

LA 23 SB

NOTE:

IN THE FUTURE WHEN THE SECOND MAIN TRACK IS CONSTRUCTED, REPLACE THE SINGLE TRACK CONCRETE CROSSING WITH A DOUBLE TRACK CONCRETE CROSSING AT IRONTON RD.

100 0 100 200
SCALE IN FEET

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REV. #	BY	DATE	DESCRIPTION
REV05		08/10/2022	
REV05.1		09/07/2022	
REV06		11/02/2022	

LEGEND:
EXIST. TRACK
PROPOSED TRACK
FUTURE TRACK
SHOOFLY TRACK
SHIFT TRACK
RETIRE TRACK
GIS R/W BOUNDARY

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WORK ORDER:	
PID:	
BUDGET REF:	
SHEET NUMBER	P003 of 038

UNION PACIFIC RAILROAD

LGT MAINLINE EXTENSION

LOCATION & DESCRIPTION:
30% Design
NOGC RR Terminus (MP 24) to Future Gateway Terminal (MP 33)
Plaquemines Parish, LA

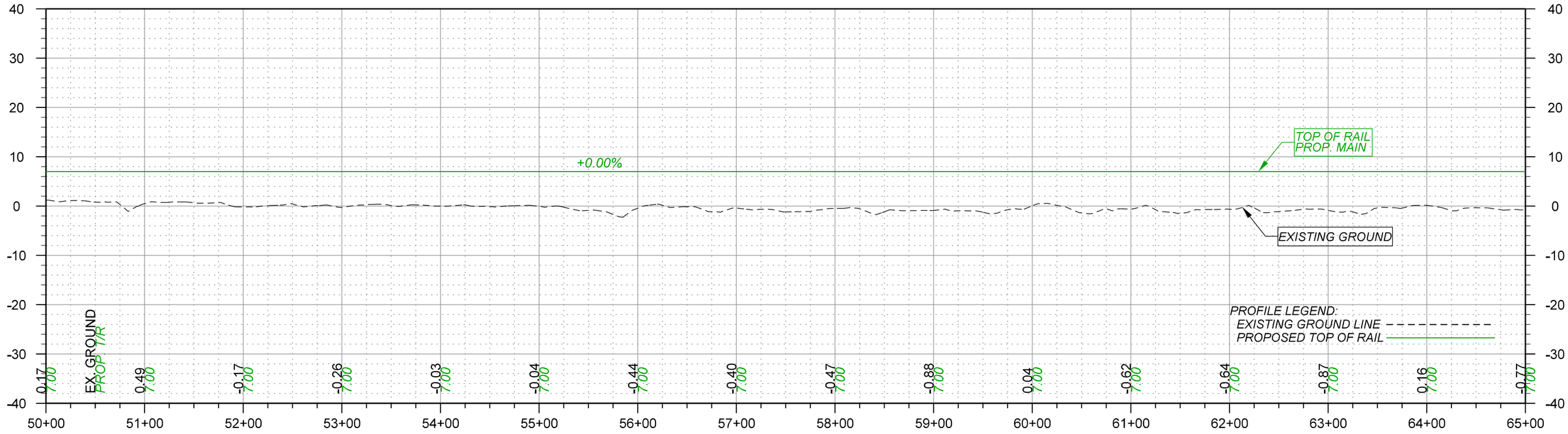
SHEET TITLE:
PROP. MAIN PLAN AND PROFILE

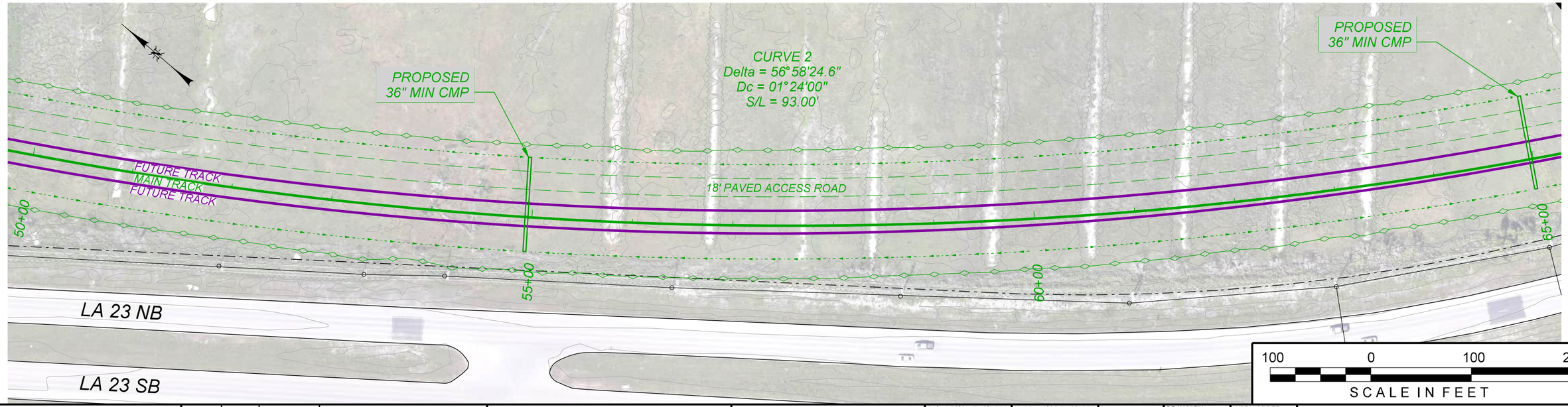
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pw://HDR_PW_DTSNME///
Main Track Alignment-5 - Plan 3 [Sheet]
11/2/2022

pw://HDR_PW_DTSNME///

To Avondale
(North)

To Terminal
(South)





100 0 100 200

SCALE IN FEET

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REV. #	BY	DATE	DESCRIPTION
REV05		08/10/2022	
REV05.1		09/07/2022	
REV06		11/02/2022	

LEGEND:
- EXIST. TRACK
- PROPOSED TRACK
- FUTURE TRACK
- SHOOFLY TRACK
- SHIFT TRACK
- RETIRE TRACK
- GIS R/W BOUNDARY

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REBECCA DAVEZAC HOWELL
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SCALE: 1"=100' (H) 1"=20' (V)

WORK ORDER:
PID:
BUDGET REF:
SHEET NUMBER: P004 of 038

UNION PACIFIC RAILROAD

LGT MAINLINE EXTENSION

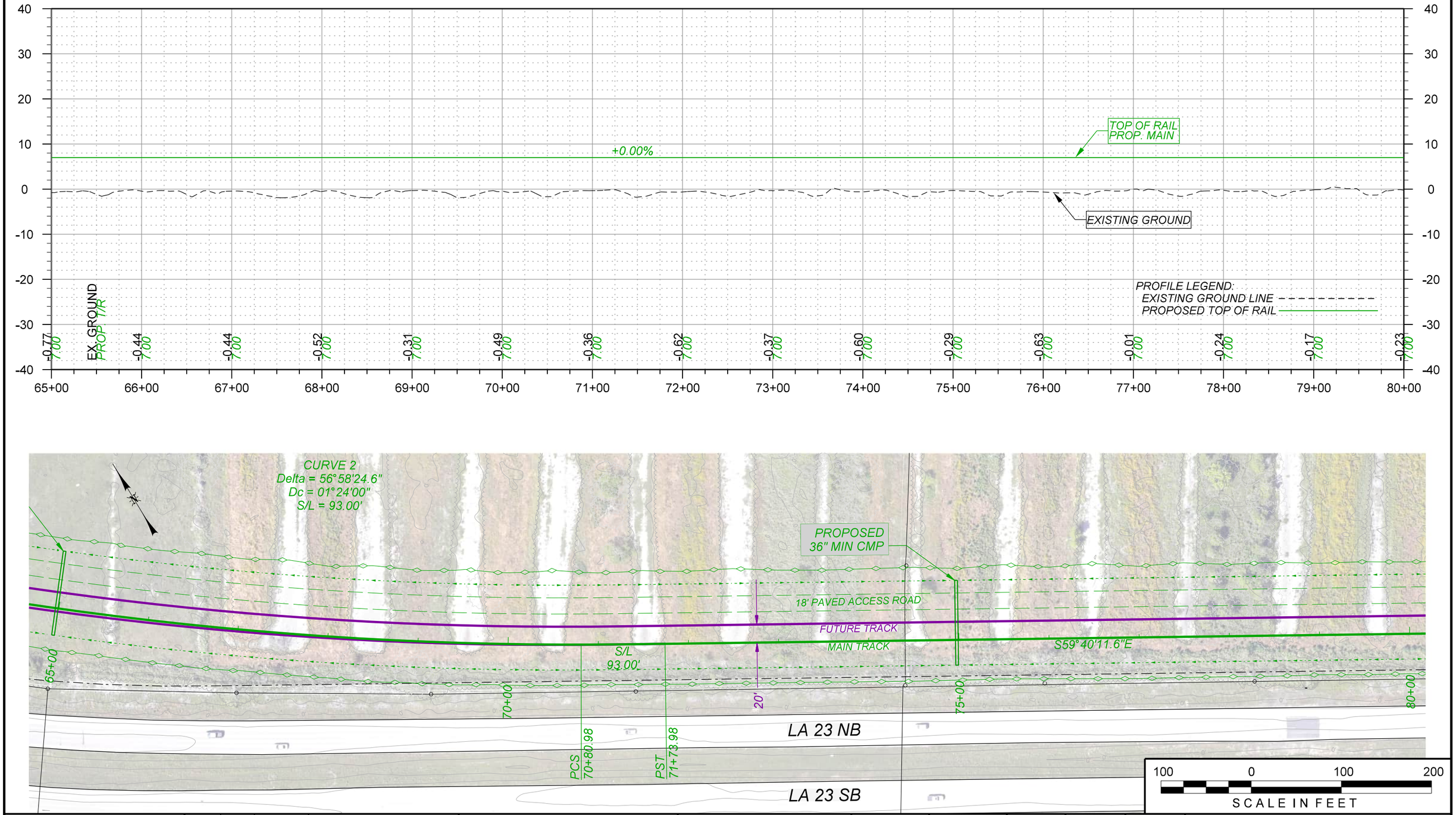
LOCATION & DESCRIPTION:
30% Design
NOGC RR Terminus (MP 24) to Future Gateway Terminal (MP 33)
Plaquemines Parish, LA

SHEET TITLE: PROP. MAIN PLAN AND PROFILE

Color table:
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pw://HDR_PW_DTSNME///
Main Track Alignment-5 - Plan 4 [Sheet]
11/2/2022

To Avondale
(North)

To Terminal
(South)



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REV. #	BY	DATE	DESCRIPTION
REV05		08/10/2022	
REV05.1		09/07/2022	
REV06		11/02/2022	

LEGEND:
- EXIST. TRACK
- PROPOSED TRACK
- FUTURE TRACK
- SHOOFLY TRACK
- SHIFT TRACK
- RETIRE TRACK
- GIS R/W BOUNDARY

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WORK ORDER:	
PID:	
BUDGET REF:	
SHEET NUMBER	P005 of 038

UNION PACIFIC RAILROAD

LGT MAINLINE EXTENSION

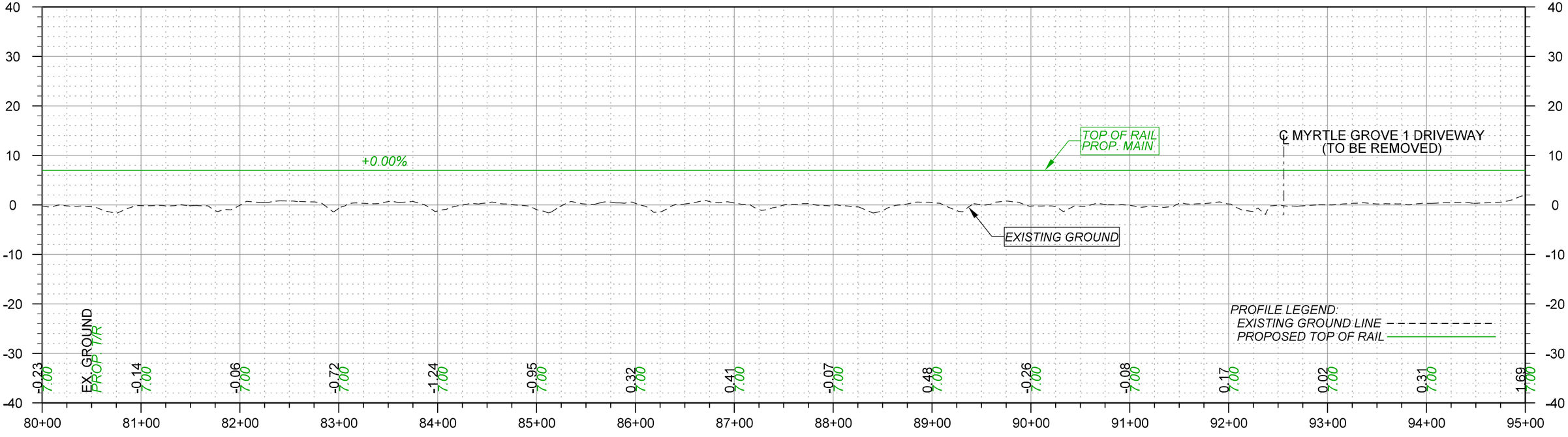
LOCATION & DESCRIPTION:
30% Design
NOGC RR Terminus (MP 24) to Future Gateway Terminal (MP 33)
Plaquemines Parish, LA

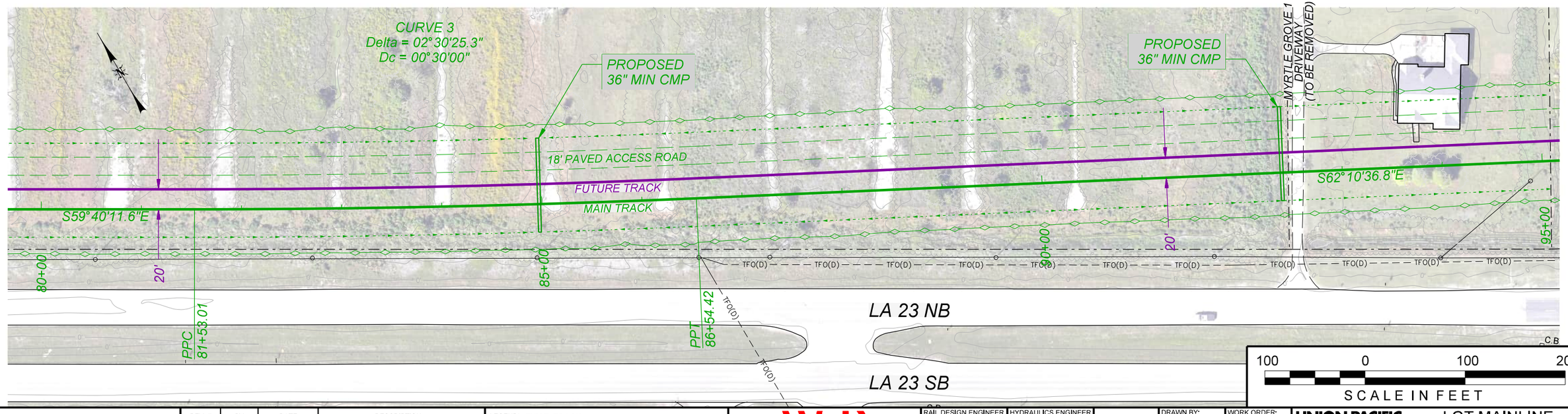
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PROP. MAIN PLAN AND PROFILE

Color table:
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pw://HDR_PW_DTSNME///
Main Track Alignment-5 - Plan 5 [Sheet]
11/2/2022

To Avondale
(North)

To Terminal
(South)





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REV. #	BY	DATE	DESCRIPTION
REV05		08/10/2022	
REV05.1		09/07/2022	
REV06		11/02/2022	

LEGEND:
- EXIST. TRACK
- PROPOSED TRACK
- FUTURE TRACK
- SHOOFLY TRACK
- SHIFT TRACK
- RETIRE TRACK
- GIS R/W BOUNDARY

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WORK ORDER:	
PID:	
BUDGET REF:	
SHEET NUMBER	P006 of 038

UNION PACIFIC RAILROAD

LGT MAINLINE EXTENSION

LOCATION & DESCRIPTION:
30% Design
NOGC RR Terminus (MP 24) to Future Gateway Terminal (MP 33)
Plaquemines Parish, LA

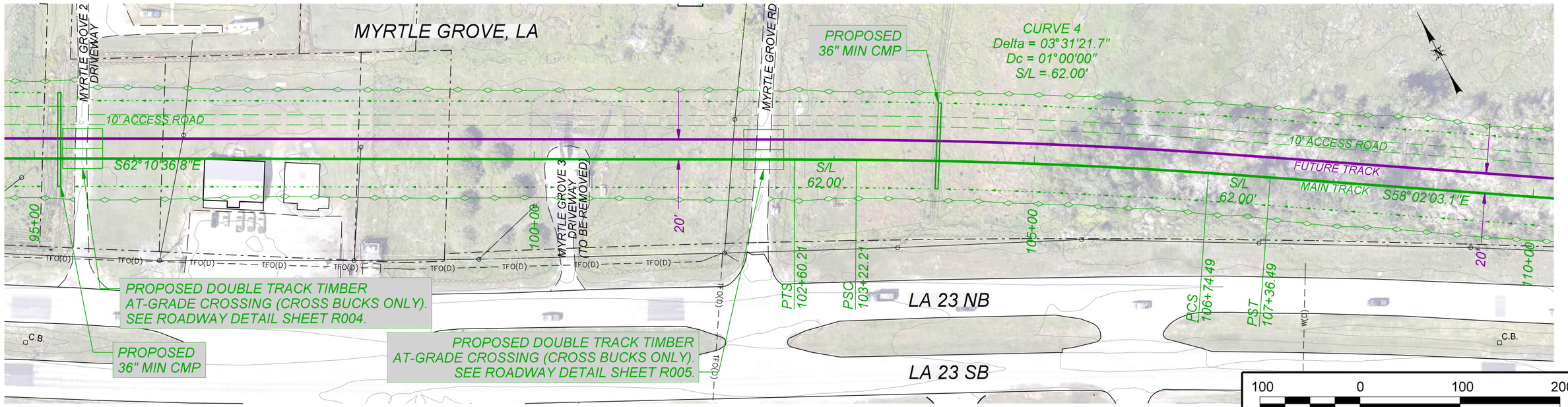
SHEET TITLE:
PROP. MAIN PLAN AND PROFILE

Color table:
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pw://HDR_PW_DTSNME///
Main Track Alignment-5 - Plan 6 [Sheet]
11/2/2022

To Avondale
(North)

To Terminal
(South)





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REV. #	BY	DATE	DESCRIPTION
REV05		08/10/2022	
REV05.1		09/07/2022	
REV06		11/02/2022	

LEGEND:
- EXIST. TRACK
- PROPOSED TRACK
- FUTURE TRACK
- SHOOFLY TRACK
- SHIFT TRACK
- RETIRE TRACK
- GIS R/W BOUNDARY

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SCALE:	1"=100' (H) 1"=20' (V)
WORK ORDER:	
PID:	
BUDGET REF:	
SHEET NUMBER	P007 of 038

UNION PACIFIC RAILROAD

LGT MAINLINE EXTENSION

LOCATION & DESCRIPTION:
30% Design
NOGC RR Terminus (MP 24) to Future Gateway Terminal (MP 33)
Plaquemines Parish, LA

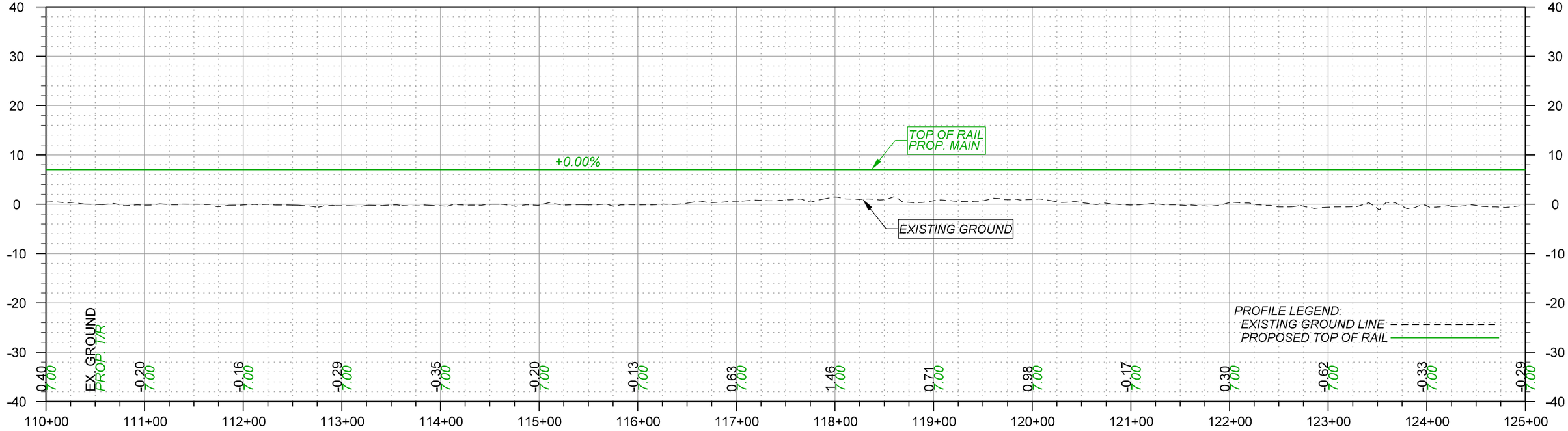
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PROP. MAIN PLAN AND PROFILE

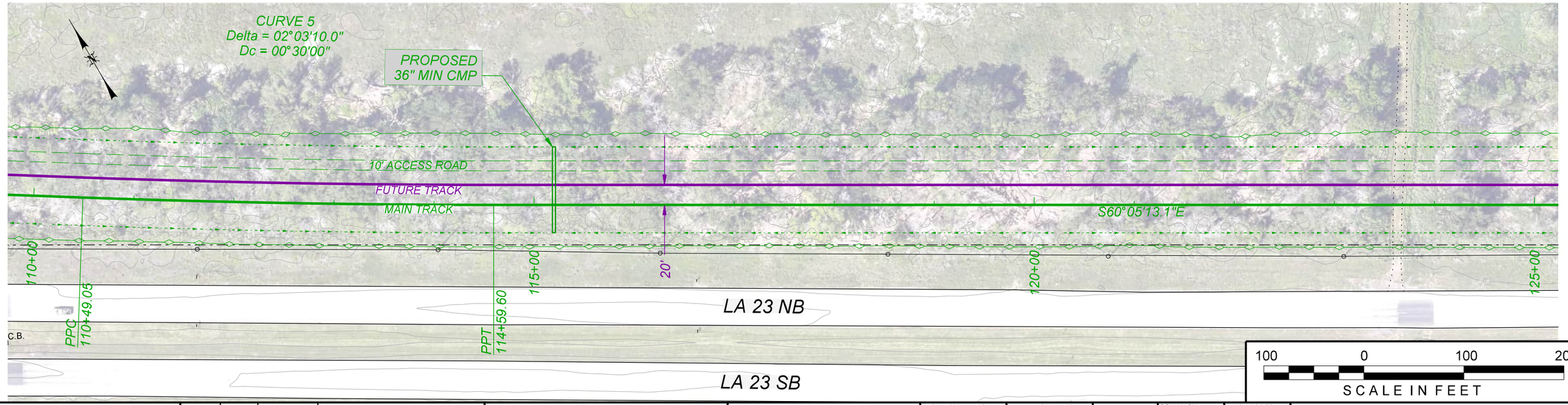
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Color table:
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pw://HDR_PW_DTSNME///
Main Track Alignment-5 - Plan 7 [Sheet]
11/2/2022

To Avondale
(North)

To Terminal
(South)





100 0 100 200
SCALE IN FEET

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REV. #	BY	DATE	DESCRIPTION
REV05		08/10/2022	
REV05.1		09/07/2022	
REV06		11/02/2022	

LEGEND:
- EXIST. TRACK
- PROPOSED TRACK
- FUTURE TRACK
- SHOOFLY TRACK
- SHIFT TRACK
- RETIRE TRACK
- GIS R/W BOUNDARY

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DATE: 11/02/2022
SCALE: 1"=100' (H) 1"=20' (V)

WORK ORDER:
PID:
BUDGET REF:

SHEET NUMBER: P008 of 038

UNION PACIFIC RAILROAD

LGT MAINLINE EXTENSION

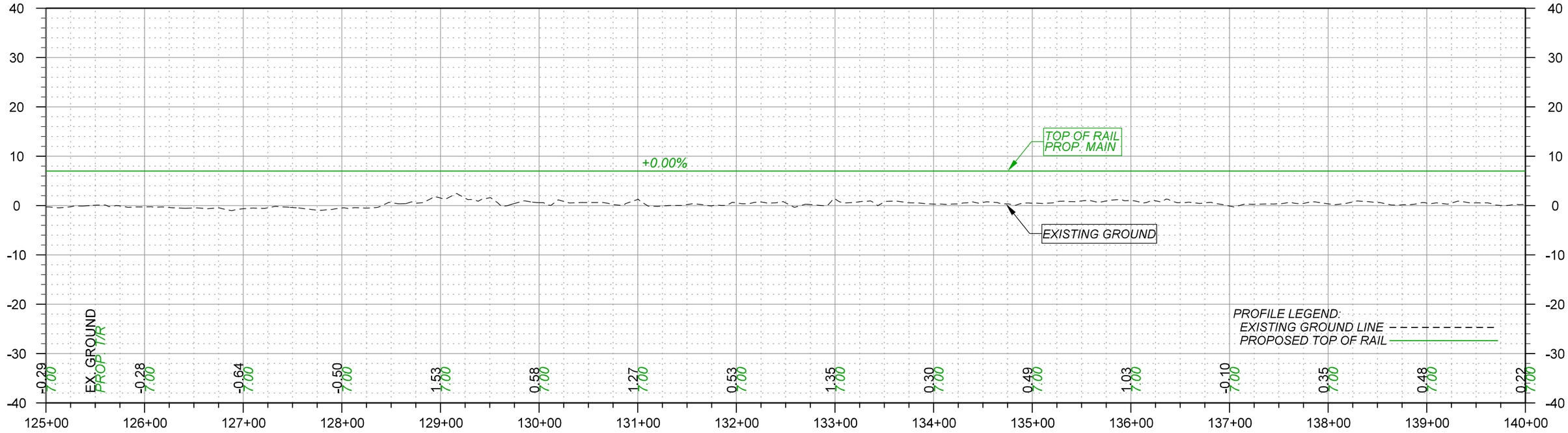
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30% Design
NOGC RR Terminus (MP 24) to Future Gateway Terminal (MP 33)
Plaquemines Parish, LA

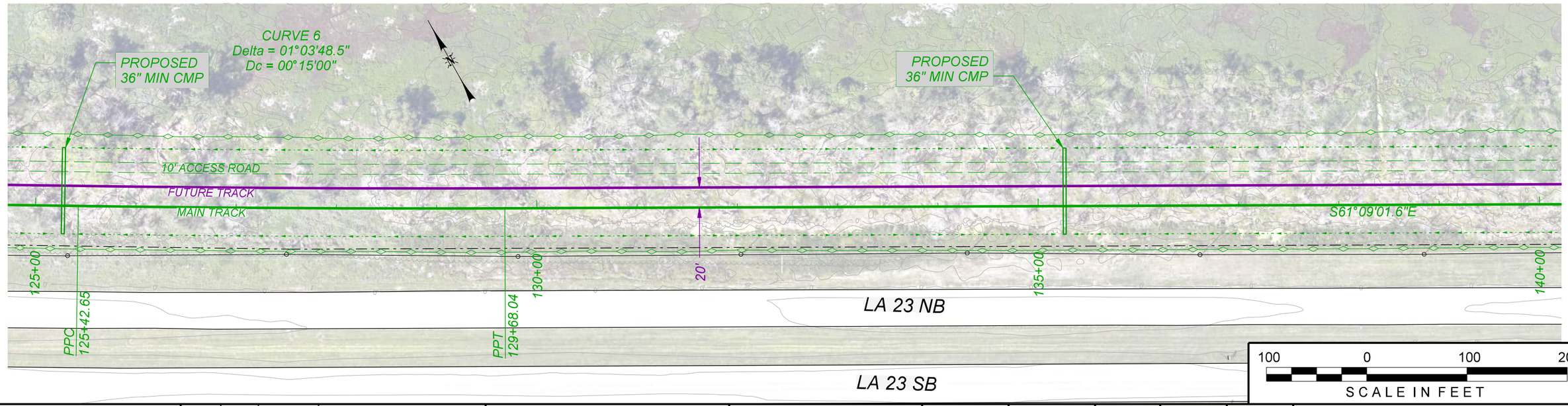
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PROP. MAIN PLAN AND PROFILE

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Main Track Alignment-5 - Plan 8 [Sheet]
11/2/2022

To Avondale
(North)

To Terminal
(South)





100 0 100 200
SCALE IN FEET

WARNING !
FIBER OPTIC CABLE
ON RAILROAD R-O-W
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REV. #	BY	DATE	DESCRIPTION
REV05		08/10/2022	
REV05.1		09/07/2022	
REV06		11/02/2022	

LEGEND:
- EXIST. TRACK
- PROPOSED TRACK
- FUTURE TRACK
- SHOOFLY TRACK
- SHIFT TRACK
- RETIRE TRACK
- GIS R/W BOUNDARY

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LICENSE No.
EF.0000623

NEW ORLEANS AND GULF COAST RAILWAY CO.

RAIL DESIGN ENGINEER
STATE OF LOUISIANA
NATHANIEL H. ELLIS
License No. 43929
PROFESSIONAL ENGINEER

HYDRAULICS ENGINEER
STATE OF LOUISIANA
REBECCA DAVEZAC HOWELL
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UNION PACIFIC

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CHECKED BY:	NHE
DATE:	11/02/2022
SCALE:	1"=100' (H) 1"=20' (V)
WORK ORDER:	
PID:	
BUDGET REF:	
SHEET NUMBER	P009 of 038

UNION PACIFIC RAILROAD — LGT MAINLINE EXTENSION

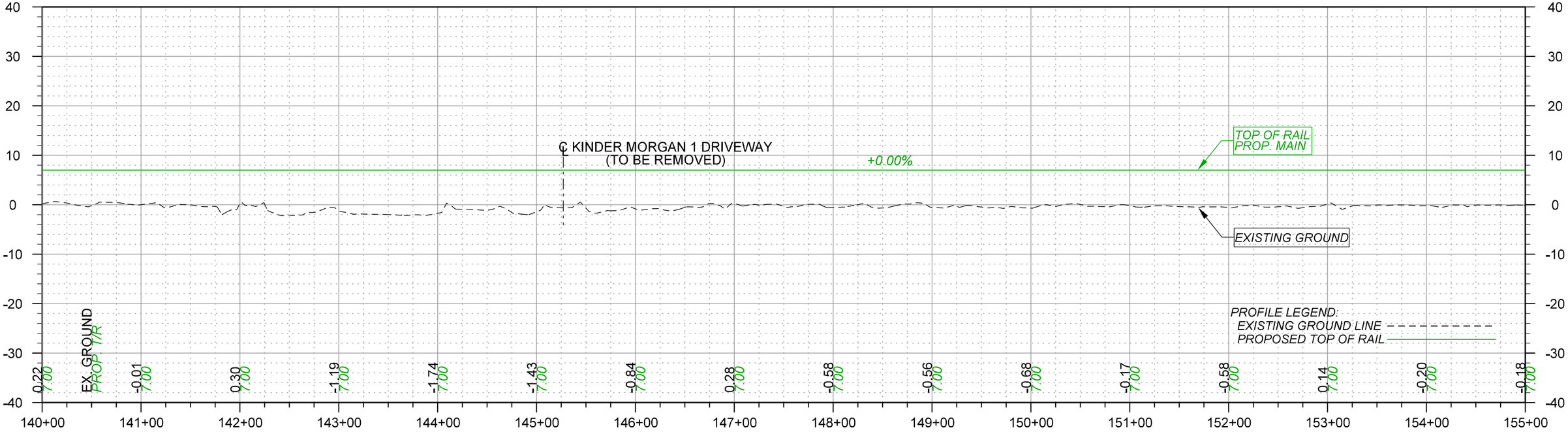
LOCATION & DESCRIPTION:
30% Design
NOGC RR Terminus (MP 24) to Future Gateway Terminal (MP 33)
Plaquemines Parish, LA

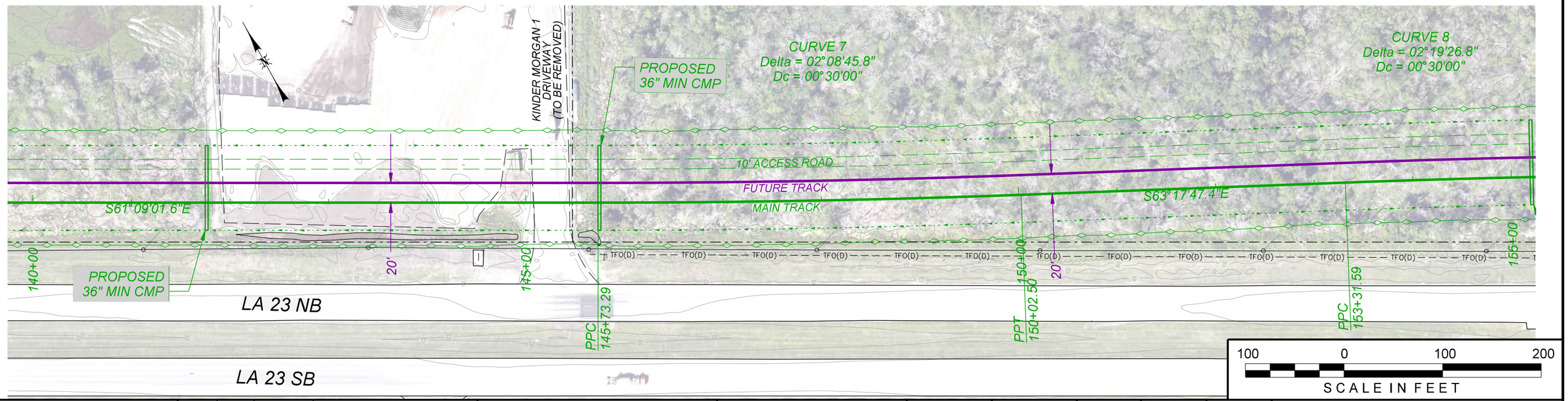
SHEET TITLE:
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pw://HDR_PW_DTSNME///
Main Track Alignment-5 - Plan 9 [Sheet]
11/2/2022

To Avondale
(North)

To Terminal
(South)





100 0 100 200
SCALE IN FEET

WARNING !
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REV. #	BY	DATE	DESCRIPTION
REV05		08/10/2022	
REV05.1		09/07/2022	
REV06		11/02/2022	

LEGEND:
- EXIST. TRACK
- PROPOSED TRACK
- FUTURE TRACK
- SHOOFLY TRACK
- SHIFT TRACK
- RETIRE TRACK
- GIS R/W BOUNDARY

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DATE:	11/02/2022
SCALE:	1"=100' (H) 1"=20' (V)
WORK ORDER:	
PID:	
BUDGET REF:	
SHEET NUMBER	P010 of 038

UNION PACIFIC RAILROAD

LGT MAINLINE EXTENSION

LOCATION & DESCRIPTION:
30% Design
NOGC RR Terminus (MP 24) to Future Gateway Terminal (MP 33)
Plaquemines Parish, LA

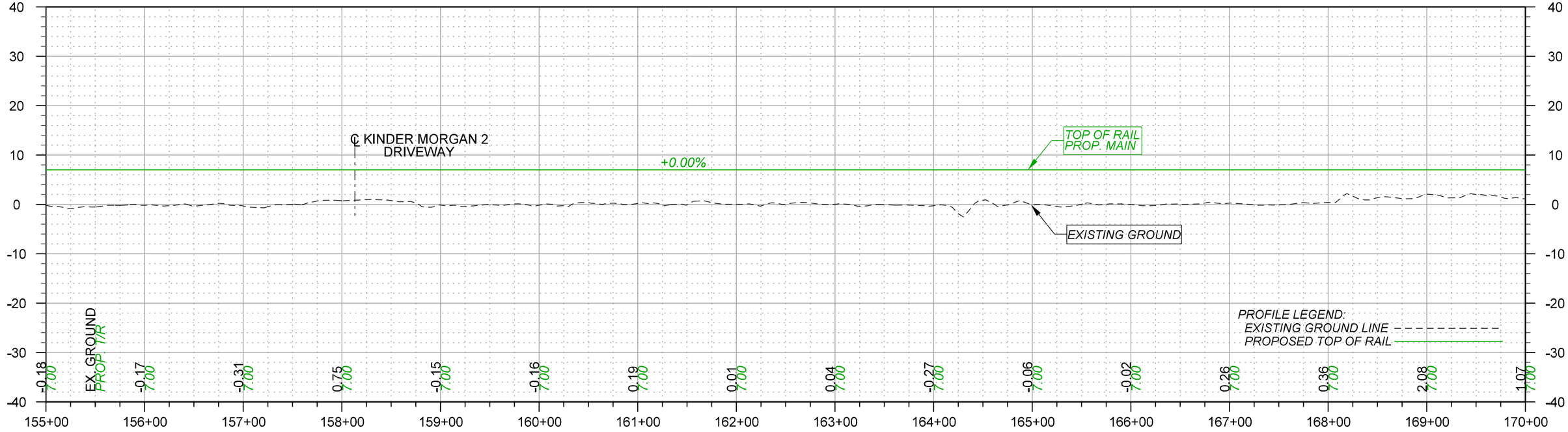
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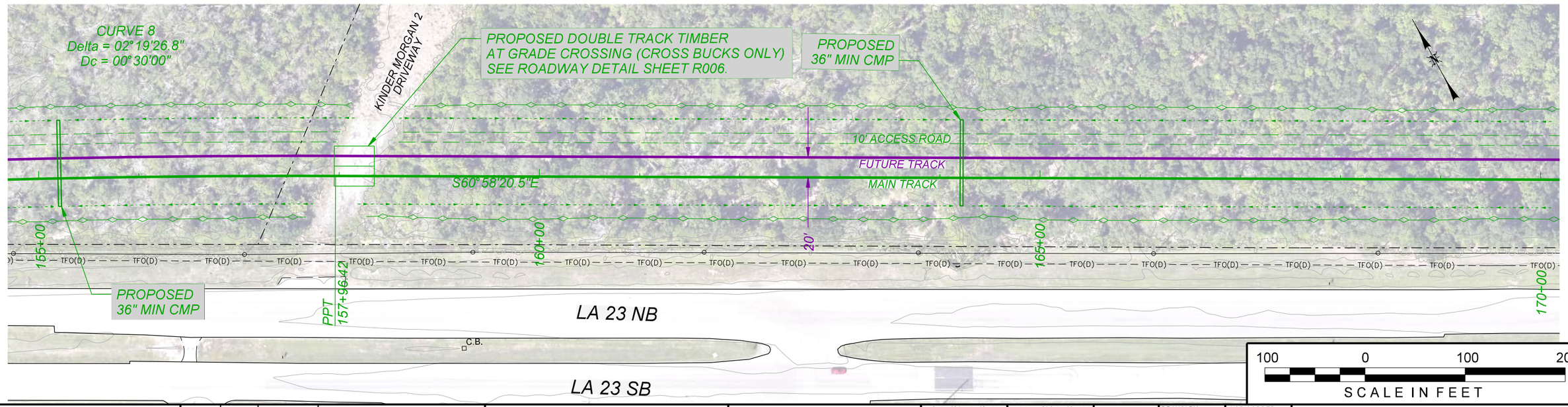
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pw://HDR_PW_DTSNME///
Main Track Alignment-5 - Plan 10 [Sheet]
11/2/2022

pw://HDR_PW_DTSNME///

To Avondale
(North)

To Terminal
(South)





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REV. #	BY	DATE	DESCRIPTION
REV05		08/10/2022	
REV05.1		09/07/2022	
REV06		11/02/2022	

LEGEND:
- EXIST. TRACK
- PROPOSED TRACK
- FUTURE TRACK
- SHOOFLY TRACK
- SHIFT TRACK
- RETIRE TRACK
- GIS R/W BOUNDARY

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DATE: 11/02/2022
SCALE: 1"=100' (H) 1"=20' (V)
WORK ORDER:
PID:
BUDGET REF:
SHEET NUMBER P011 of 038

UNION PACIFIC RAILROAD

LGT MAINLINE EXTENSION

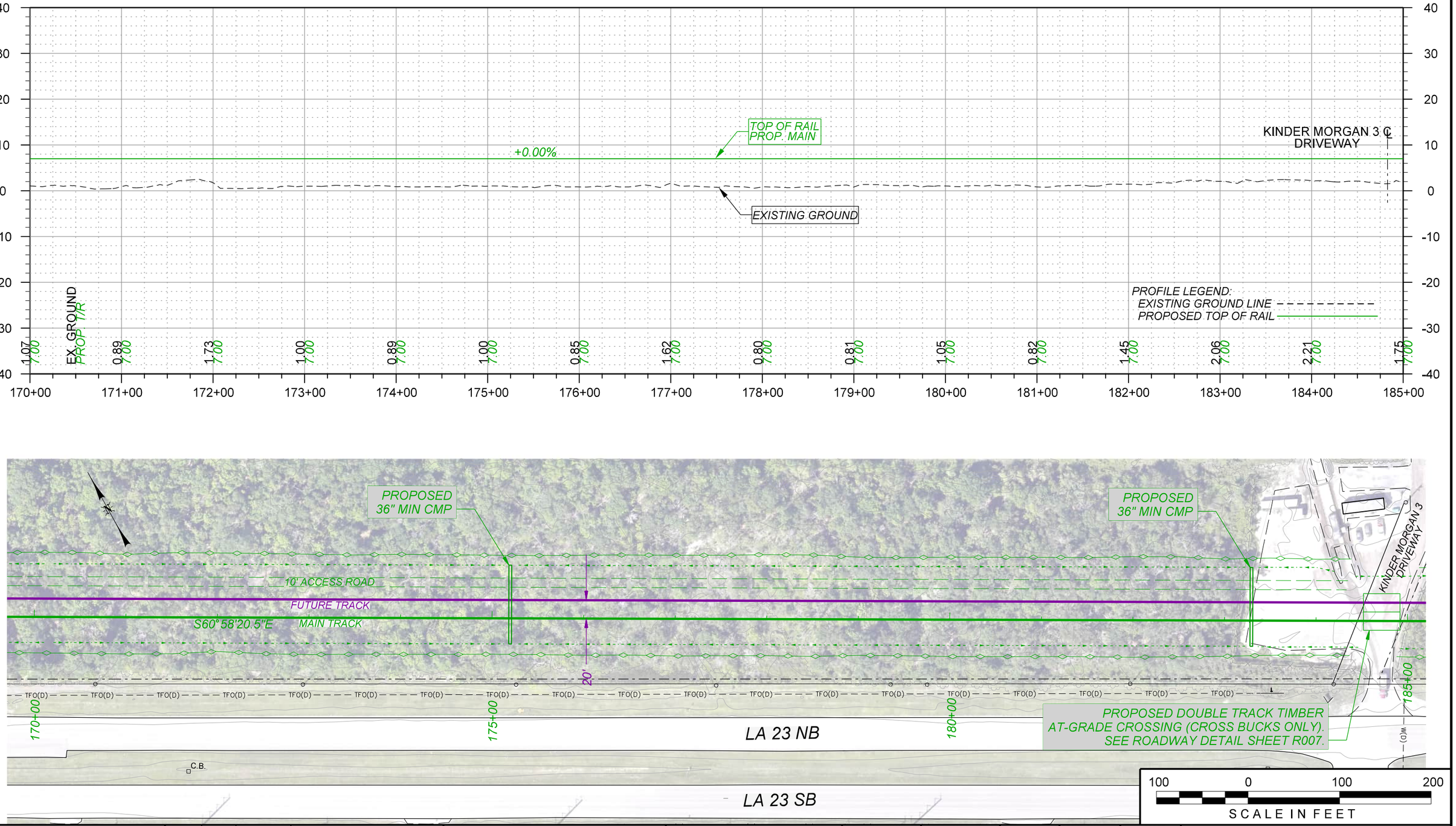
LOCATION & DESCRIPTION:
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NOGC RR Terminus (MP 24) to Future Gateway Terminal (MP 33)
Plaquemines Parish, LA

SHEET TITLE: PROP. MAIN PLAN AND PROFILE

Color table:
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pw://HDR_PW_DTSNME///
Main Track Alignment-5 - Plan 11 [Sheet]
11/2/2022

To Avondale
(North)

To Terminal
(South)



WARNING !
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REV. #	BY	DATE	DESCRIPTION
REV05		08/10/2022	
REV05.1		09/07/2022	
REV06		11/02/2022	

LEGEND:
- EXIST. TRACK
- PROPOSED TRACK
- FUTURE TRACK
- SHOOFLY TRACK
- SHIFT TRACK
- RETIRE TRACK
- GIS R/W BOUNDARY

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DATE: 11/02/2022
SCALE: 1"=100' (H) 1"=20' (V)
WORK ORDER:
PID:
BUDGET REF:
SHEET NUMBER P012 of 038

UNION PACIFIC RAILROAD

LGT MAINLINE EXTENSION

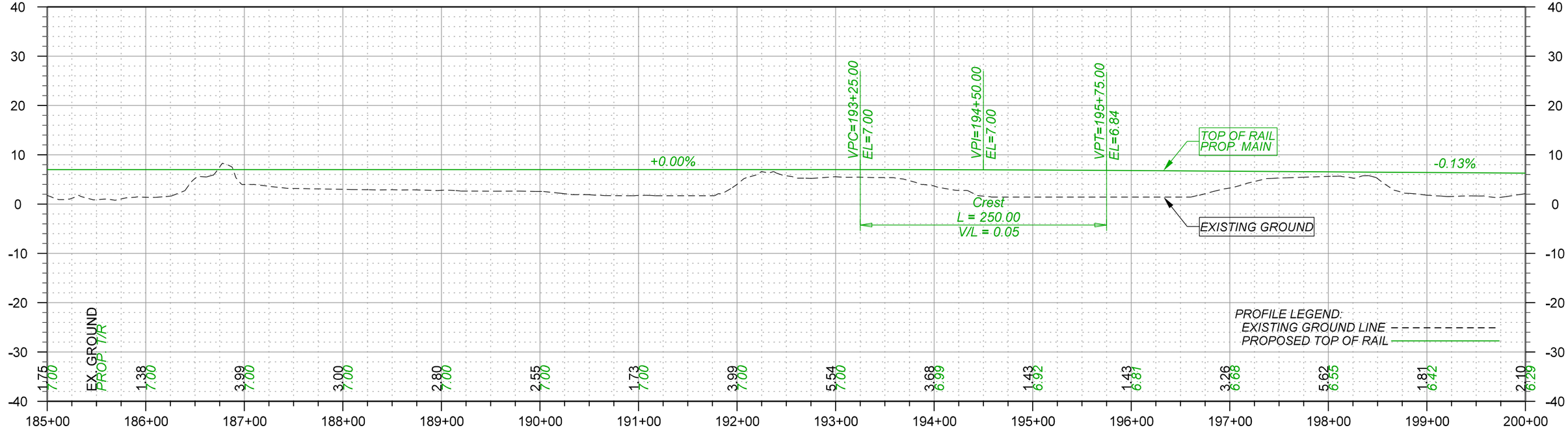
LOCATION & DESCRIPTION:
30% Design
NOGC RR Terminus (MP 24) to Future Gateway Terminal (MP 33)
Plaquemines Parish, LA

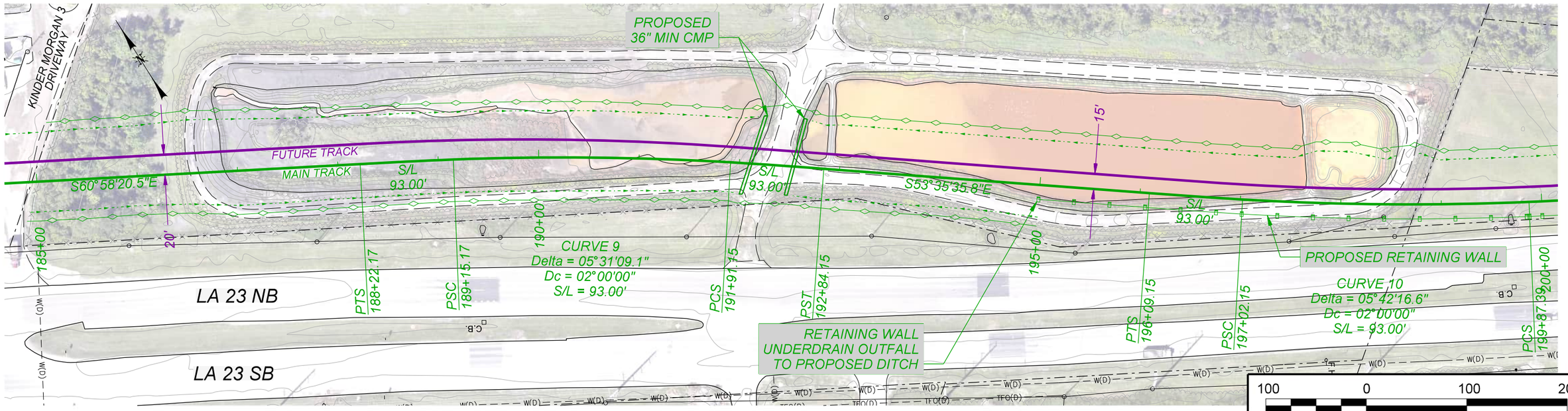
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pw://HDR_PW_DTSNME///
Main Track Alignment-5 - Plan 12 [Sheet]
11/2/2022

To Avondale
(North)

To Terminal
(South)





100 0 100 200
SCALE IN FEET

WARNING !
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REV. #	BY	DATE	DESCRIPTION
REV05		08/10/2022	
REV05.1		09/07/2022	
REV06		11/02/2022	

LEGEND:
- EXIST. TRACK
- PROPOSED TRACK
- FUTURE TRACK
- SHOOFLY TRACK
- SHIFT TRACK
- RETIRE TRACK
- GIS R/W BOUNDARY

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DATE:	11/02/2022
SCALE:	1"=100' (H) 1"=20' (V)
WORK ORDER:	
PID:	
BUDGET REF:	
SHEET NUMBER	P013 of 038

UNION PACIFIC RAILROAD

LGT MAINLINE EXTENSION

LOCATION & DESCRIPTION:
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NOGC RR Terminus (MP 24) to Future Gateway Terminal (MP 33)
Plaquemines Parish, LA

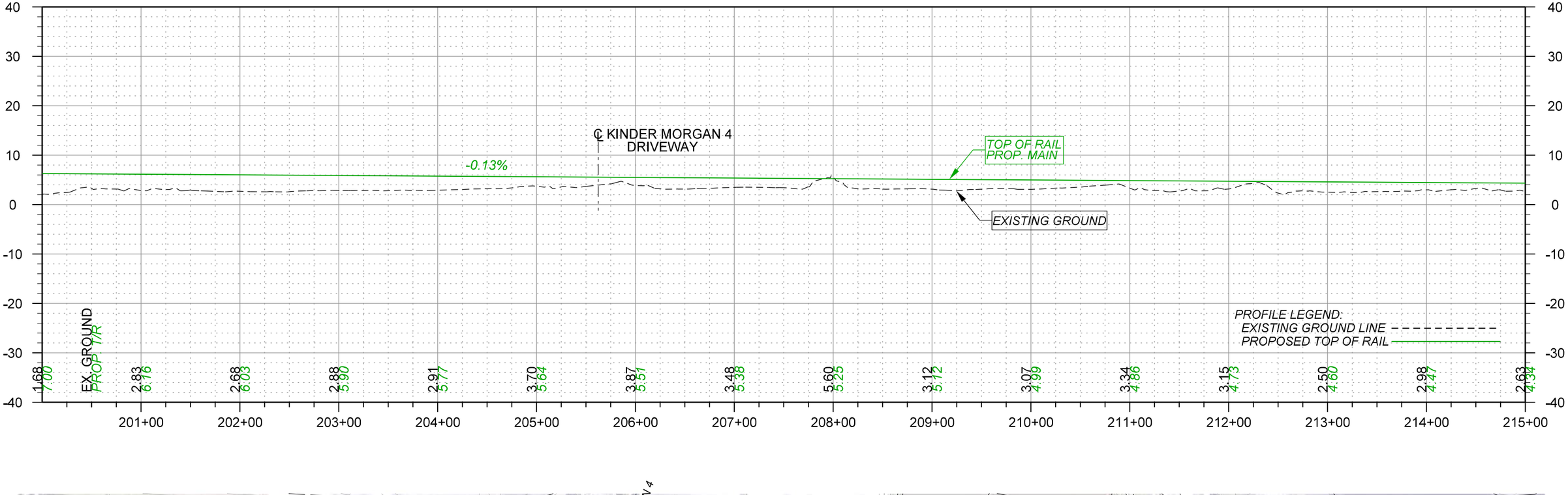
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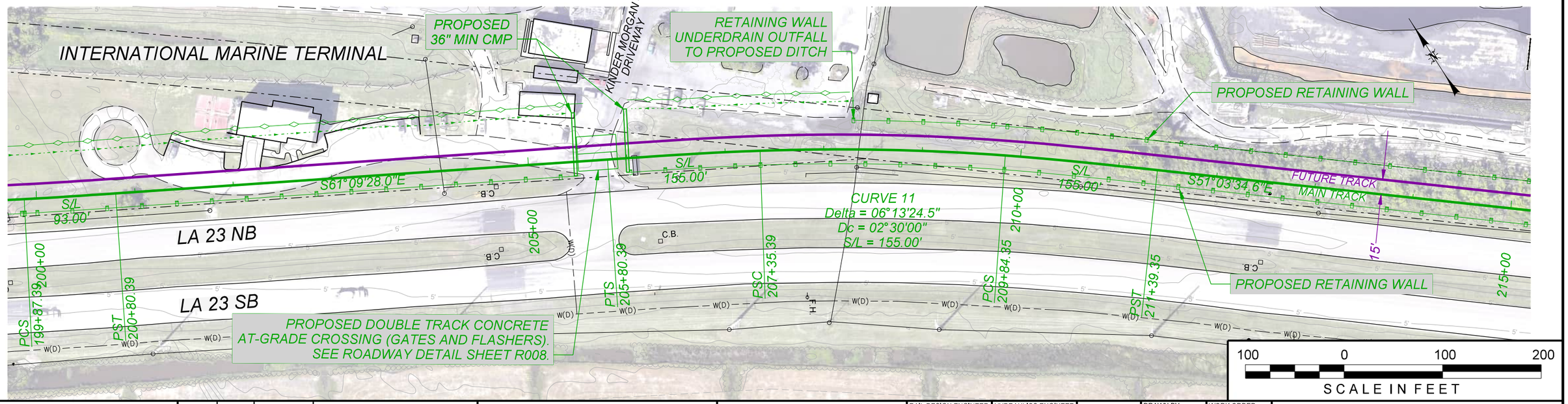
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pw://HDR_PW_DTSNME///
Main Track Alignment-5 - Plan 13 [Sheet]
11/2/2022

To Avondale
(North)

To Terminal
(South)





100 0 100 200
SCALE IN FEET

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REV. #	BY	DATE	DESCRIPTION
REV05		08/10/2022	
REV05.1		09/07/2022	
REV06		11/02/2022	

LEGEND:
- EXIST. TRACK
- PROPOSED TRACK
- FUTURE TRACK
- SHOOFLY TRACK
- SHIFT TRACK
- RETIRE TRACK
- GIS R/W BOUNDARY

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DATE:	11/02/2022
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WORK ORDER:	
PID:	
BUDGET REF:	
SHEET NUMBER	P014 of 038

UNION PACIFIC RAILROAD

LGT MAINLINE EXTENSION

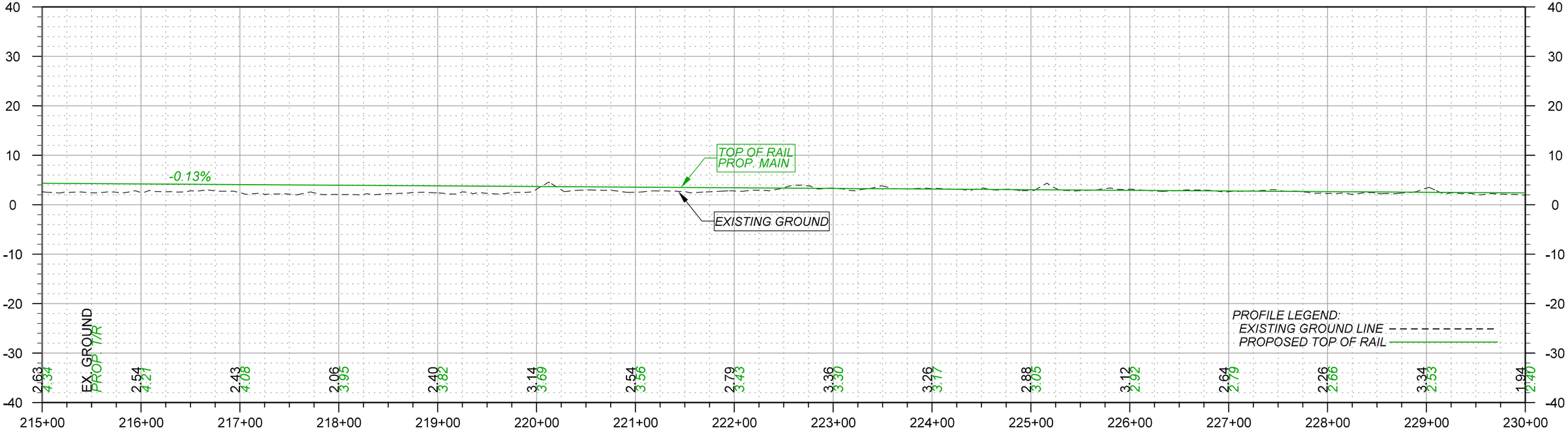
LOCATION & DESCRIPTION:
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NOGC RR Terminus (MP 24) to Future Gateway Terminal (MP 33)
Plaquemines Parish, LA

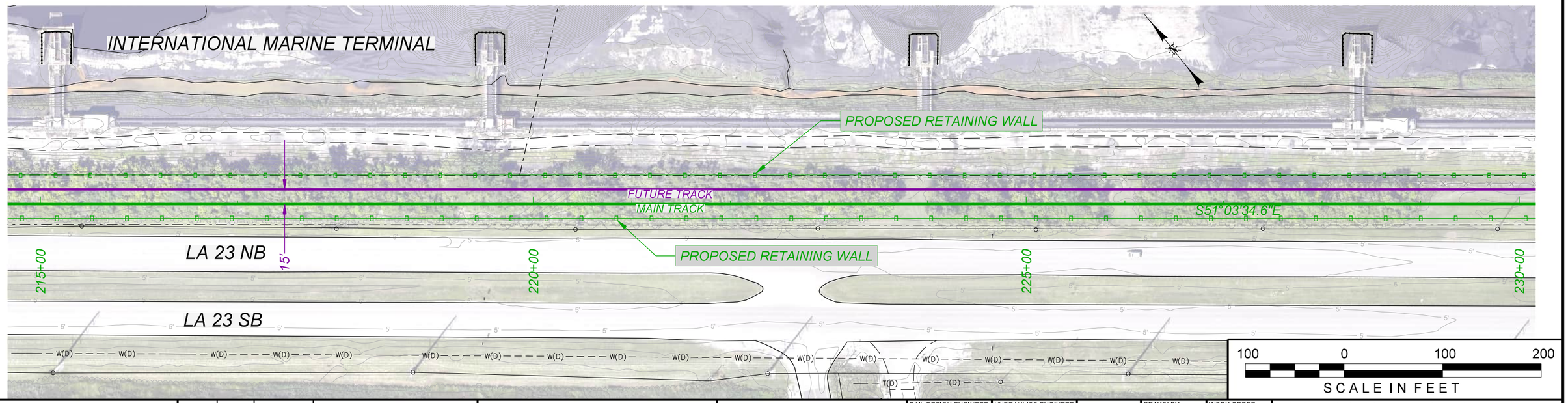
SHEET TITLE:
PROP. MAIN PLAN AND PROFILE

Color table:
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pw://HDR_PW_DTSNME///
Main Track Alignment-5 - Plan 14 [Sheet]
11/1/2022

To Avondale
(North)

To Terminal
(South)





100 0 100 200
SCALE IN FEET

WARNING !
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REV. #	BY	DATE	DESCRIPTION
REV05		08/10/2022	
REV05.1		09/07/2022	
REV06		11/02/2022	

LEGEND:
- EXIST. TRACK
- PROPOSED TRACK
- FUTURE TRACK
- SHOOFLY TRACK
- SHIFT TRACK
- RETIRE TRACK
- GIS R/W BOUNDARY

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CHECKED BY:	NHE
DATE:	11/02/2022
SCALE:	1"=100' (H) 1"=20' (V)
WORK ORDER:	
PID:	
BUDGET REF:	
SHEET NUMBER	P015 of 038

UNION PACIFIC RAILROAD

LGT MAINLINE EXTENSION

LOCATION & DESCRIPTION:
30% Design
NOGC RR Terminus (MP 24) to Future Gateway Terminal (MP 33)
Plaquemines Parish, LA

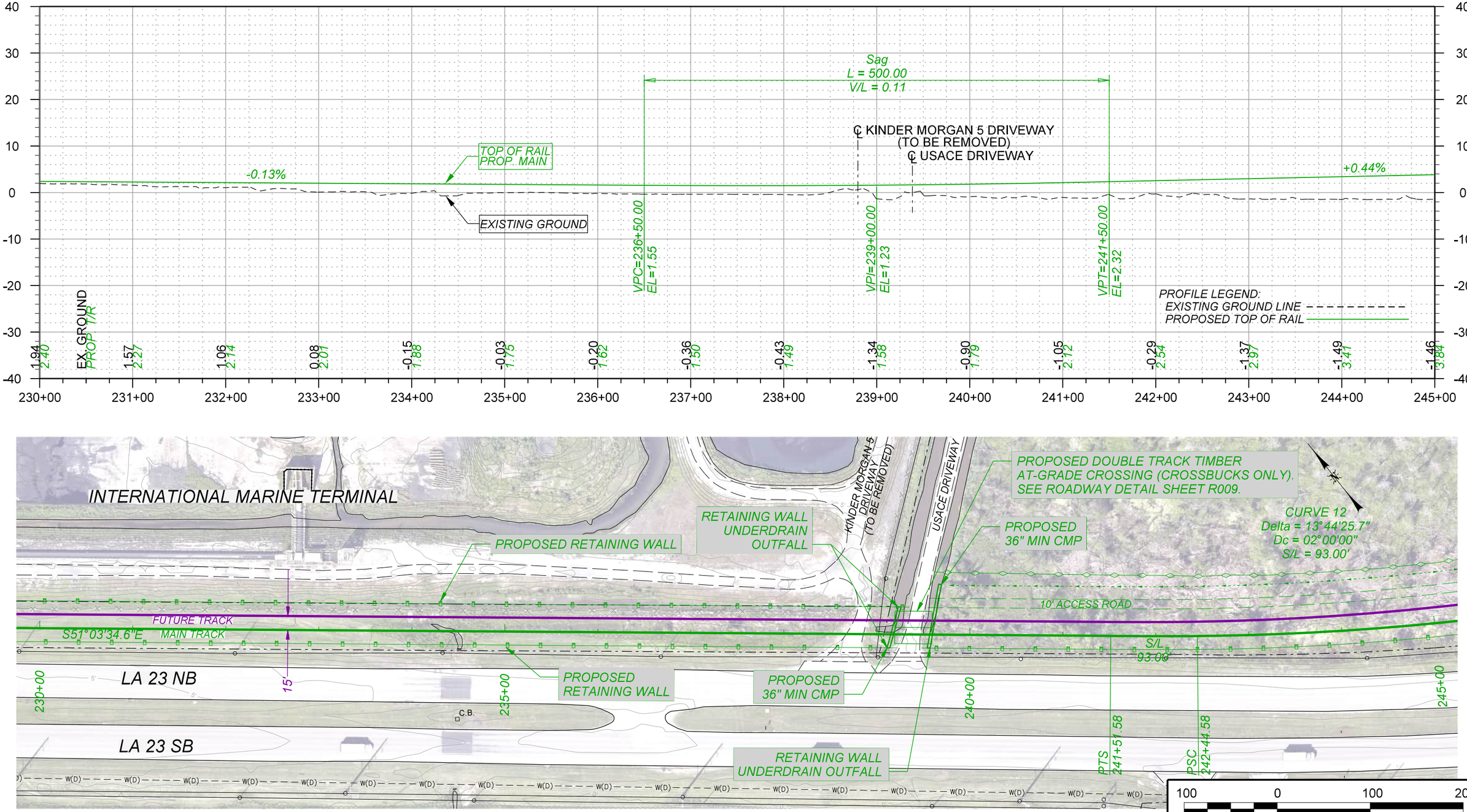
SHEET TITLE:
PROP. MAIN PLAN AND PROFILE

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Main Track Alignment-5 - Plan 15 [Sheet]
11/2/2022

pw://HDR_PW_DTSNME///

To Avondale
(North)

To Terminal
(South)



WARNING !
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REV. #	BY	DATE	DESCRIPTION
REV05		08/10/2022	
REV05.1		09/07/2022	
REV06		11/02/2022	

LEGEND:
- EXIST. TRACK
- PROPOSED TRACK
- FUTURE TRACK
- SHOOFLY TRACK
- SHIFT TRACK
- RETIRE TRACK
- GIS R/W BOUNDARY

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UNION PACIFIC

DRAWN BY:	SAW
CHECKED BY:	NHE
DATE:	11/02/2022
SCALE:	1"=100' (H) 1"=20' (V)
WORK ORDER:	
PID:	
BUDGET REF:	
SHEET NUMBER	P016 of 038

UNION PACIFIC RAILROAD — LGT MAINLINE EXTENSION

LOCATION & DESCRIPTION:
30% Design
NOGC RR Terminus (MP 24) to Future Gateway Terminal (MP 33)
Plaquemines Parish, LA

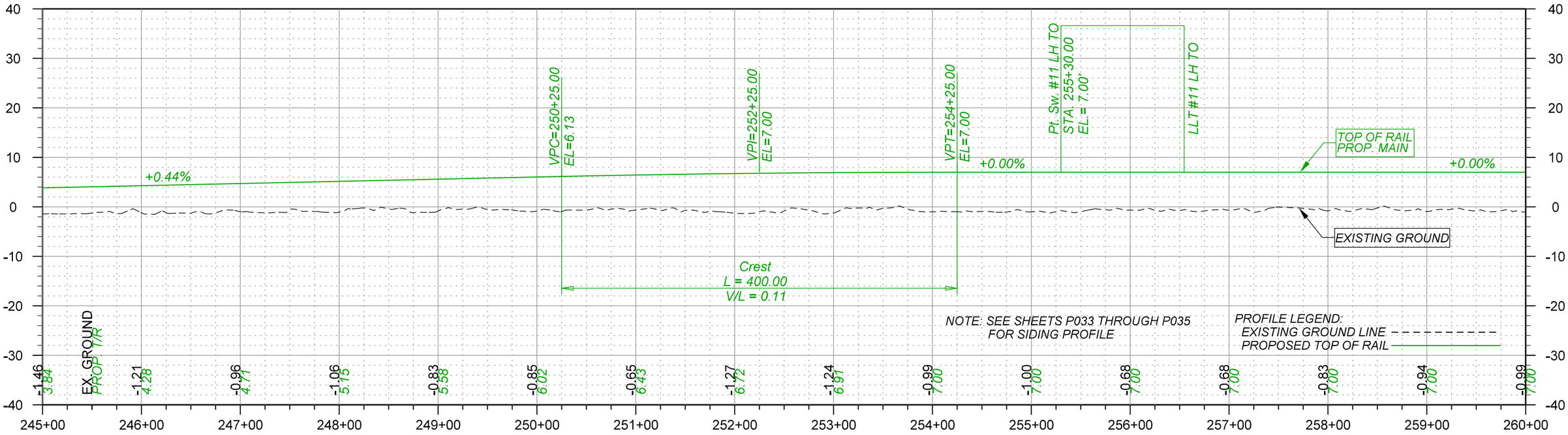
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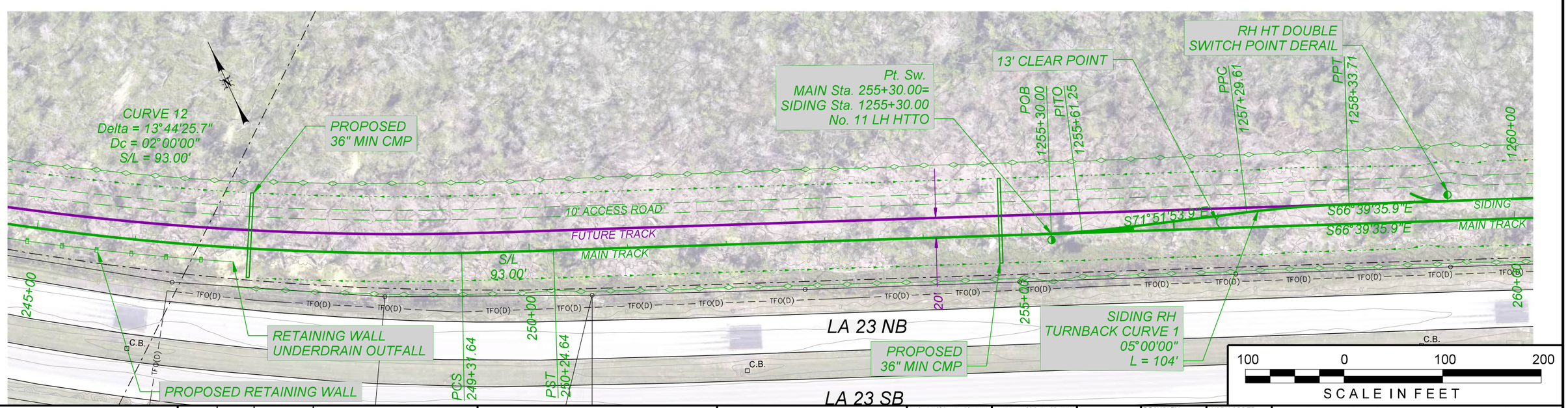
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pw://HDR_PW_DTSNME///
Main Track Alignment-5 - Plan 16 [Sheet]
11/2/2022

pw://HDR_PW_DTSNME///

To Avondale
(North)

To Terminal
(South)





WARNING !
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REV. #	BY	DATE	DESCRIPTION
REV05		08/10/2022	
REV05.1		09/07/2022	
REV06		11/02/2022	

LEGEND:
- EXIST. TRACK
- PROPOSED TRACK
- FUTURE TRACK
- SHOOFLY TRACK
- SHIFT TRACK
- RETIRE TRACK
- GIS R/W BOUNDARY

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CHECKED BY:	NHE
DATE:	11/02/2022
SCALE:	1"=100' (H) 1"=20' (V)
WORK ORDER:	
PID:	
BUDGET REF:	
SHEET NUMBER	P017 of 038

UNION PACIFIC RAILROAD

LGT MAINLINE EXTENSION

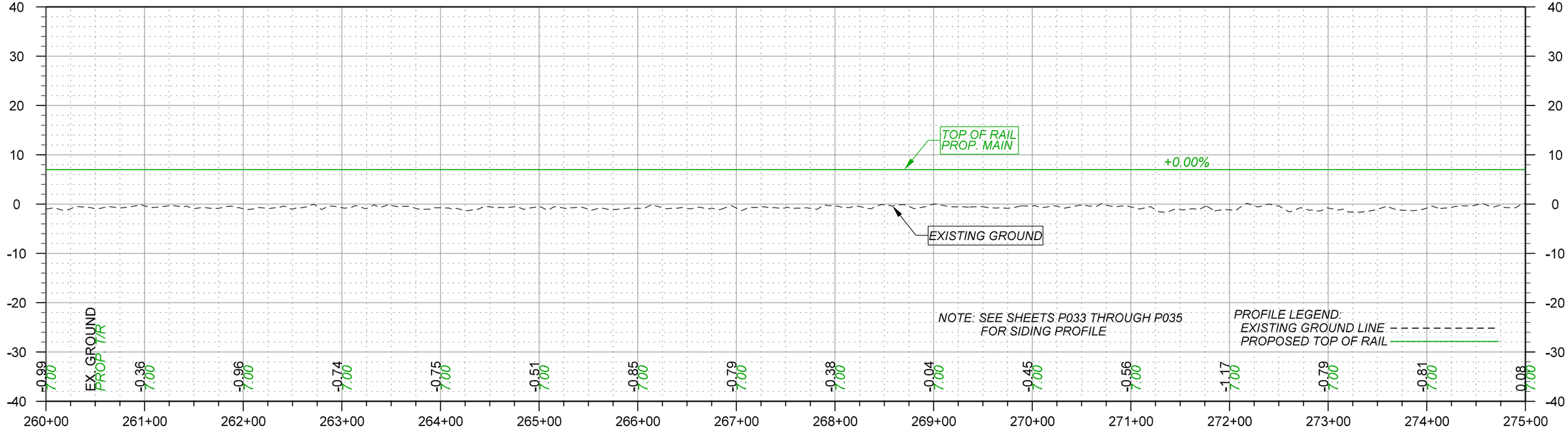
LOCATION & DESCRIPTION:
30% Design
NOGC RR Terminus (MP 24) to Future Gateway Terminal (MP 33)
Plaquemines Parish, LA

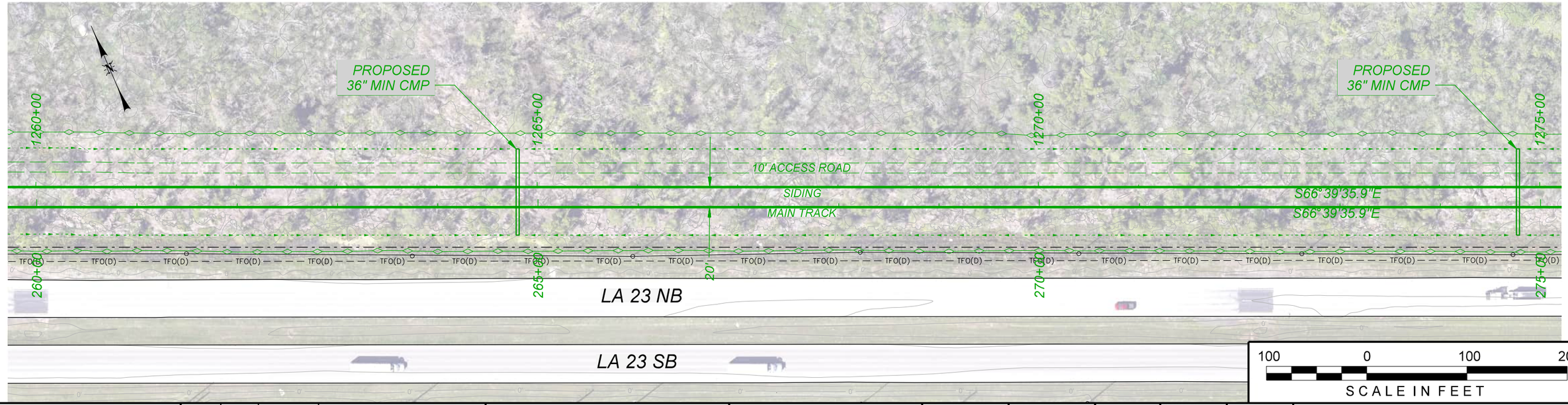
SHEET TITLE: PROP. MAIN PLAN AND PROFILE

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pw://HDR_PW_DTSNME///
Main Track Alignment-5 - Plan 17 [Sheet]
11/2/2022

To Avondale
(North)

To Terminal
(South)





100 0 100 200
SCALE IN FEET

WARNING !
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REV. #	BY	DATE	DESCRIPTION
REV05		08/10/2022	
REV05.1		09/07/2022	
REV06		11/02/2022	

LEGEND:
- EXIST. TRACK
- PROPOSED TRACK
- FUTURE TRACK
- SHOOFLY TRACK
- SHIFT TRACK
- RETIRE TRACK
- GIS R/W BOUNDARY

WSP USA INC.
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NEW YORK, NEW YORK 10119
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EF.0000623

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NATHANIEL H. ELLIS
License No. 43929
PROFESSIONAL ENGINEER

HYDRAULICS ENGINEER
STATE OF LOUISIANA
REBECCA DAVEZAC HOWELL
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UNION PACIFIC

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CHECKED BY:	NHE
DATE:	11/02/2022
SCALE:	1"=100' (H) 1"=20' (V)
WORK ORDER:	
PID:	
BUDGET REF:	
SHEET NUMBER	P018 of 038

UNION PACIFIC RAILROAD

LGT MAINLINE EXTENSION

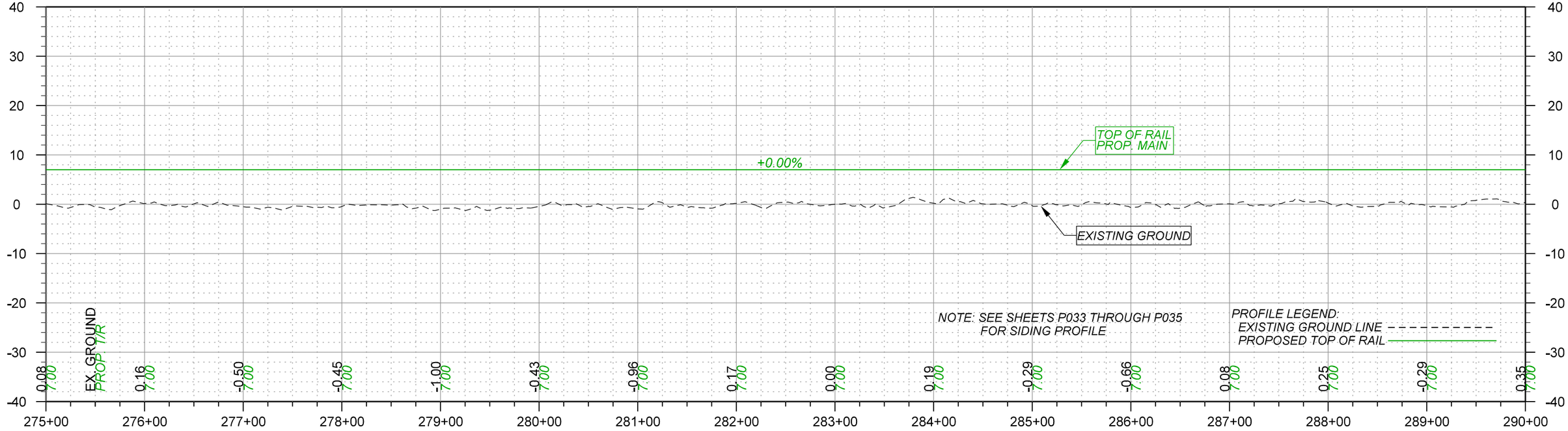
LOCATION & DESCRIPTION:
30% Design
NOGC RR Terminus (MP 24) to Future Gateway Terminal (MP 33)
Plaquemines Parish, LA

SHEET TITLE:
PROP. MAIN PLAN AND PROFILE

Color table:
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Main Track Alignment-5 - Plan 18 [Sheet]
11/2/2022

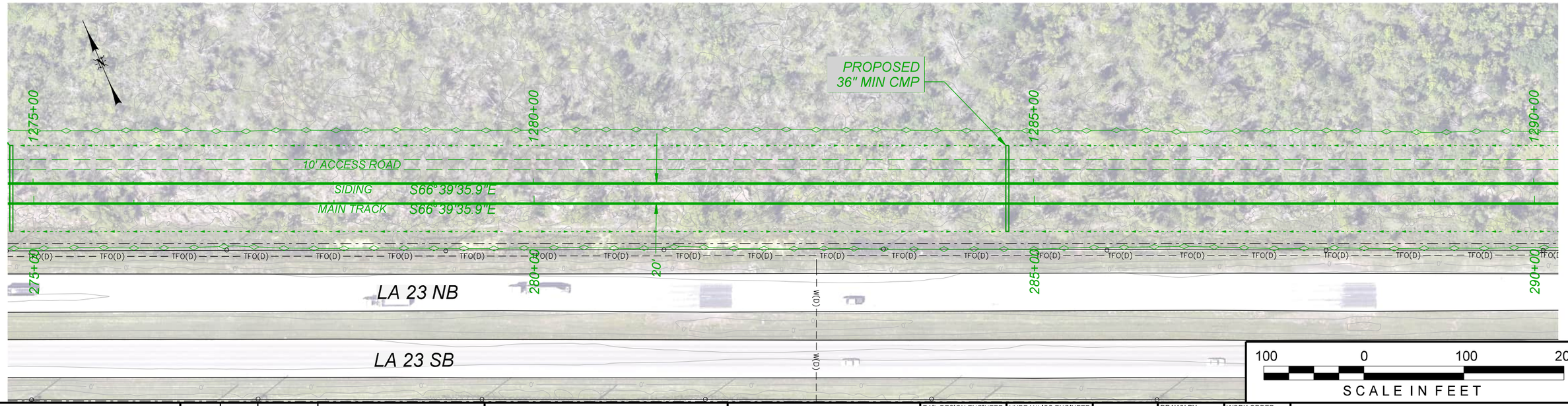
To Avondale
(North)

To Terminal
(South)



NOTE: SEE SHEETS P033 THROUGH P035 FOR SIDING PROFILE

PROFILE LEGEND:
EXISTING GROUND LINE
PROPOSED TOP OF RAIL



100 0 100 200
SCALE IN FEET

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REV. #	BY	DATE	DESCRIPTION
REV05		08/10/2022	
REV05.1		09/07/2022	
REV06		11/02/2022	

LEGEND:
- EXIST. TRACK
- PROPOSED TRACK
- FUTURE TRACK
- SHOOFLY TRACK
- SHIFT TRACK
- RETIRE TRACK
- GIS R/W BOUNDARY

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DATE:	11/02/2022
SCALE:	1"=100' (H) 1"=20' (V)
WORK ORDER:	
PID:	
BUDGET REF:	
SHEET NUMBER	P019 of 038

UNION PACIFIC RAILROAD

LGT MAINLINE EXTENSION

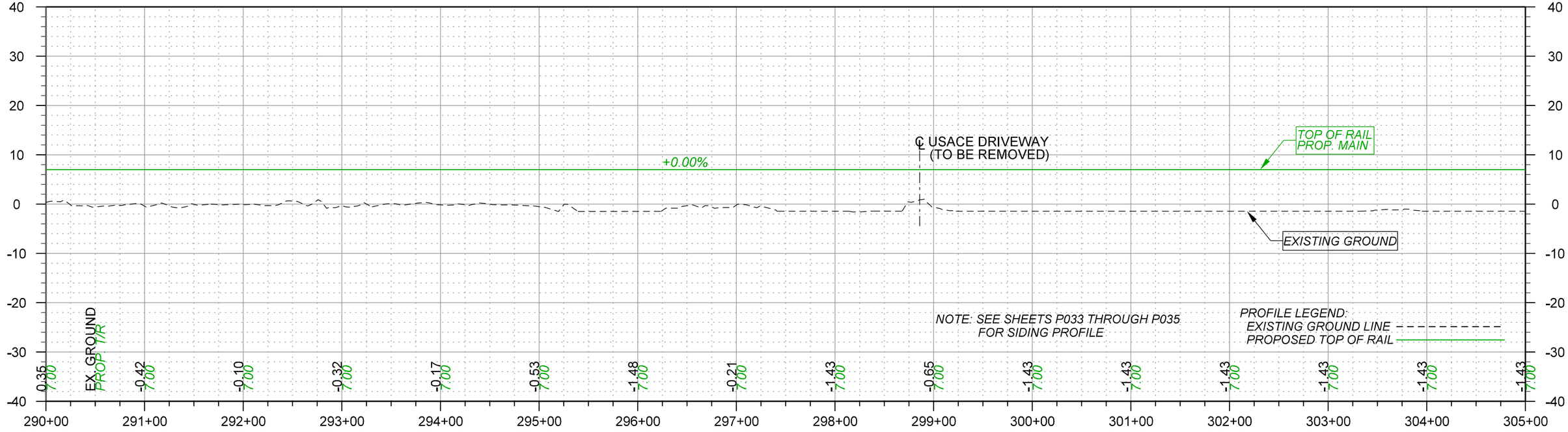
LOCATION & DESCRIPTION:
30% Design
NOGC RR Terminus (MP 24) to Future Gateway Terminal (MP 33)
Plaquemines Parish, LA

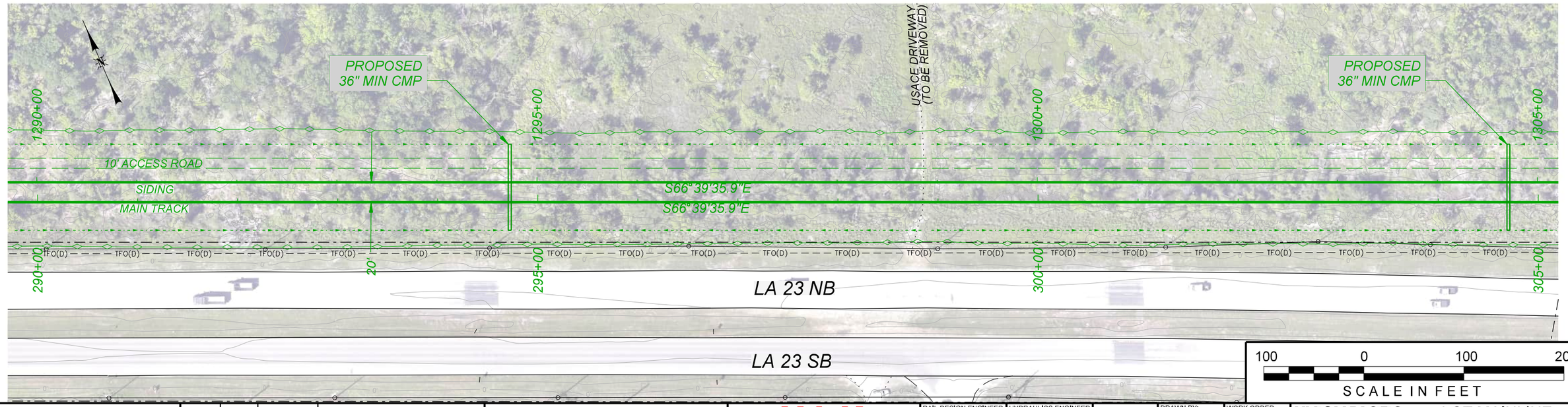
SHEET TITLE:
PROP. MAIN PLAN AND PROFILE

Color table:
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pw://HDR_PW_DTSNME///
Main Track Alignment-5 - Plan 19 [Sheet]
11/2/2022

To Avondale
(North)

To Terminal
(South)





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REV. #	BY	DATE	DESCRIPTION
REV05		08/10/2022	
REV05.1		09/07/2022	
REV06		11/02/2022	

LEGEND:
- EXIST. TRACK
- PROPOSED TRACK
- FUTURE TRACK
- SHOOFLY TRACK
- SHIFT TRACK
- RETIRE TRACK
- GIS R/W BOUNDARY

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WORK ORDER:
PID:
BUDGET REF:
SHEET NUMBER: P020 of 038

UNION PACIFIC RAILROAD

LGT MAINLINE EXTENSION

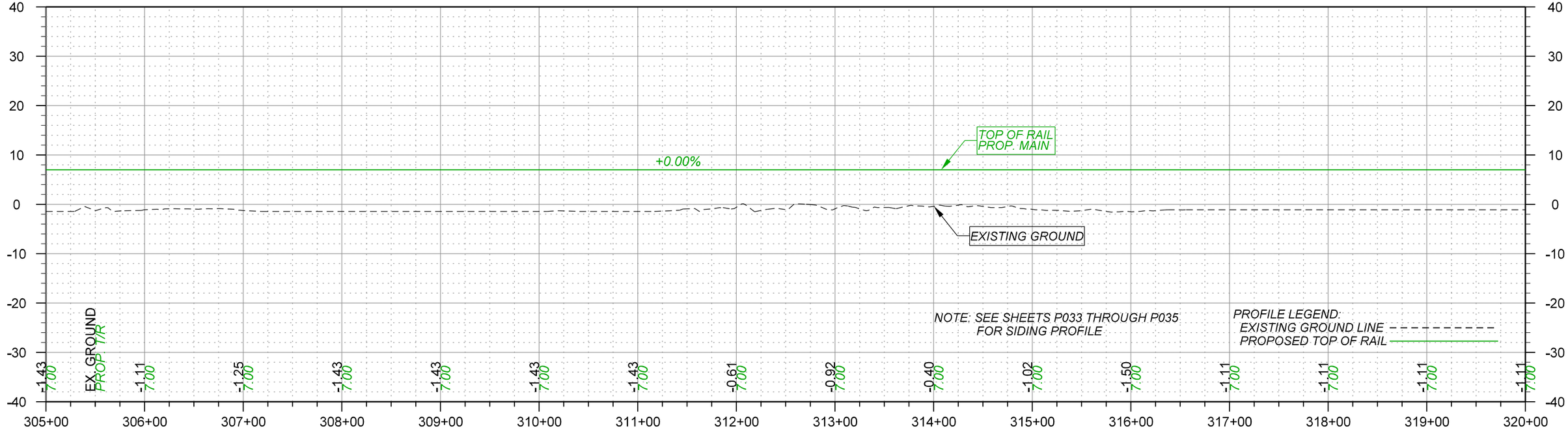
LOCATION & DESCRIPTION:
30% Design
NOGC RR Terminus (MP 24) to Future Gateway Terminal (MP 33)
Plaquemines Parish, LA

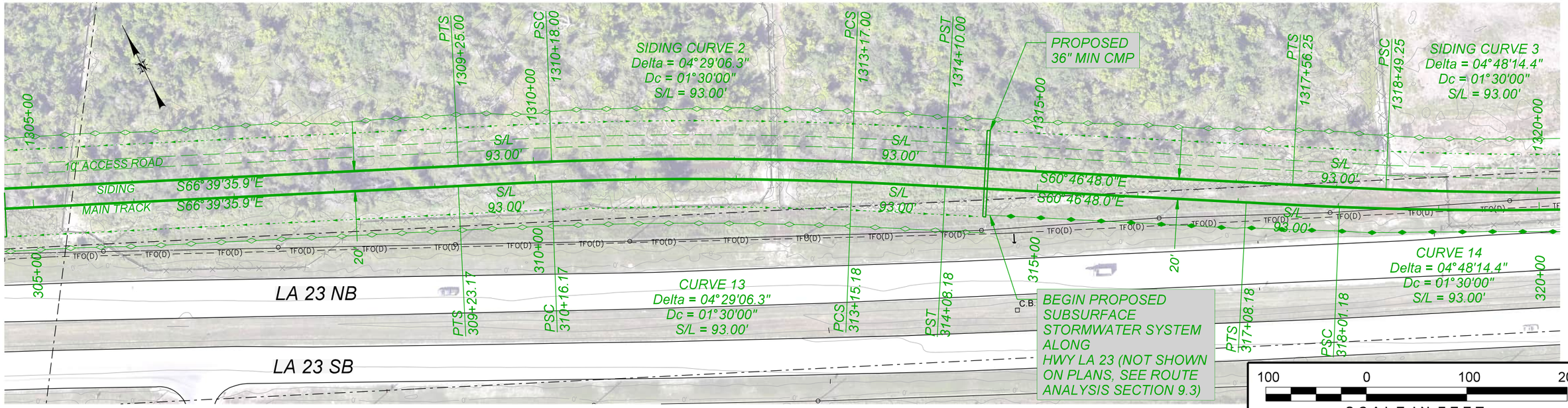
SHEET TITLE: PROP. MAIN PLAN AND PROFILE

Color table:
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pw://HDR_PW_DTSNME///
Main Track Alignment-5 - Plan 20 [Sheet]
11/2/2022

To Avondale
(North)

To Terminal
(South)





100 0 100 200
SCALE IN FEET

WARNING !
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REV. #	BY	DATE	DESCRIPTION
REV05		08/10/2022	
REV05.1		09/07/2022	
REV06		11/02/2022	

LEGEND:
- EXIST. TRACK
- PROPOSED TRACK
- FUTURE TRACK
- SHOOFLY TRACK
- SHIFT TRACK
- RETIRE TRACK
- GIS R/W BOUNDARY

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SCALE: 1"=100' (H) 1"=20' (V)
WORK ORDER:
PID:
BUDGET REF:
SHEET NUMBER P021 of 038

UNION PACIFIC RAILROAD
LGT MAINLINE EXTENSION
LOCATION & DESCRIPTION:
30% Design
NOGC RR Terminus (MP 24) to Future Gateway Terminal (MP 33)
Plaquemines Parish, LA
SHEET TITLE:
PROP. MAIN PLAN AND PROFILE

pw://HDR_PW_DTSNME///

Color table:
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pw://HDR_PW_DTSNME///
Main Track Alignment-5 - Plan 21 [Sheet]
11/2/2022

To Avondale
(North)

To Terminal
(South)

MVC
25.56'

TOP OF RAIL
PROP. MAIN

℄ VENTURE GLOBAL
ACCESS RD.

+0.00%

LLT #11 RH TO

Pt. Sw. #11 RH TO
STA. 332+80.77
EL. = 7.00'

EXISTING GROUND

℄ VENTURE GLOBAL
PIPE BRIDGE

NOTE: SEE SHEETS P033 THROUGH P035
FOR SIDING PROFILE

PROFILE LEGEND:
EXISTING GROUND LINE
PROPOSED TOP OF RAIL

EX. GROUND
PROP T/R

-1.11 7.00 | -0.99 7.00 | -1.56 7.00 | -1.34 7.00 | -1.15 7.00 | -1.11 7.00 | -1.11 7.00 | -1.11 7.00 | -1.11 7.00 | -1.11 7.00 | -1.11 7.00 | -1.40 7.00 | -1.40 7.00 | -1.40 7.00 | -1.40 7.00 | -1.40 7.00

320+00 321+00 322+00 323+00 324+00 325+00 326+00 327+00 328+00 329+00 330+00 331+00 332+00 333+00 334+00 335+00

VENTURE GLOBAL
LNG PIPE BRIDGE

PROPOSED CRASH WALL.
SEE STRUCTURE DETAIL
SHEETS S001 AND S002.

PROPOSED DOUBLE TRACK CONCRETE
AT-GRADE CROSSING
(GATES AND FLASHERS).
SEE ROADWAY DETAIL SHEET R010.

13' CLEAR POINT

SIDING CURVE 3
Delta = 04°48'14.4"
Dc = 01°30'00"
S/L = 93.00'

PCS 1321+69.52

PST 1322+62.52

VENTURE GLOBAL
ACCESS ROAD

LH HT DOUBLE
SWITCH
POINT DERAIL

PPC
1330+33.71

PPT
1331+37.81

PITO
1332+51.05

PEND
1332+82.30

Pt. Sw.
MAIN Sta. 332+80.77=
SIDING Sta. 1332+82.30
No. 11 RH HTTO

1320+00

1325+00

1330+00

S/L
93.00'

S66°58'44.0"E

S66°58'44.0"E

SIDING
MAIN TRACK

S61°46'26.0"E

10' ACCESS ROAD

FUTURE TRACK
MAIN TRACK

TFO(D)

LA 23 NB

320+00

C.B.

15'

325+00

330+00

C.B.

SIDING RH
TURNBACK CURVE 4
05°00'00"
L = 104'

PROPOSED 36"
MIN CMP

335+00

C.B.

CURVE 14
Delta = 04°48'14.4"
Dc = 01°30'00"
S/L = 93.00'

PCS 321+21.46

PST 322+14.46

PROPOSED 36"
MIN CMP

LA 23 SB

VENTURE GLOBAL LNG FACILITY

100 0 100 200
SCALE IN FEET

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REV. #	BY	DATE	DESCRIPTION
REV05		08/10/2022	
REV05.1		09/07/2022	
REV06		11/02/2022	

LEGEND:
EXIST. TRACK
PROPOSED TRACK
FUTURE TRACK
SHOOFLY TRACK
SHIFT TRACK
RETIRE TRACK
GIS R/W BOUNDARY

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License No. 43929
PROFESSIONAL ENGINEER

HYDRAULICS ENGINEER
REBECCA DAVEZAC HOWELL
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WORK ORDER:	
PID:	
BUDGET REF:	
SHEET NUMBER	P022 of 038

UNION PACIFIC RAILROAD

LGT MAINLINE EXTENSION

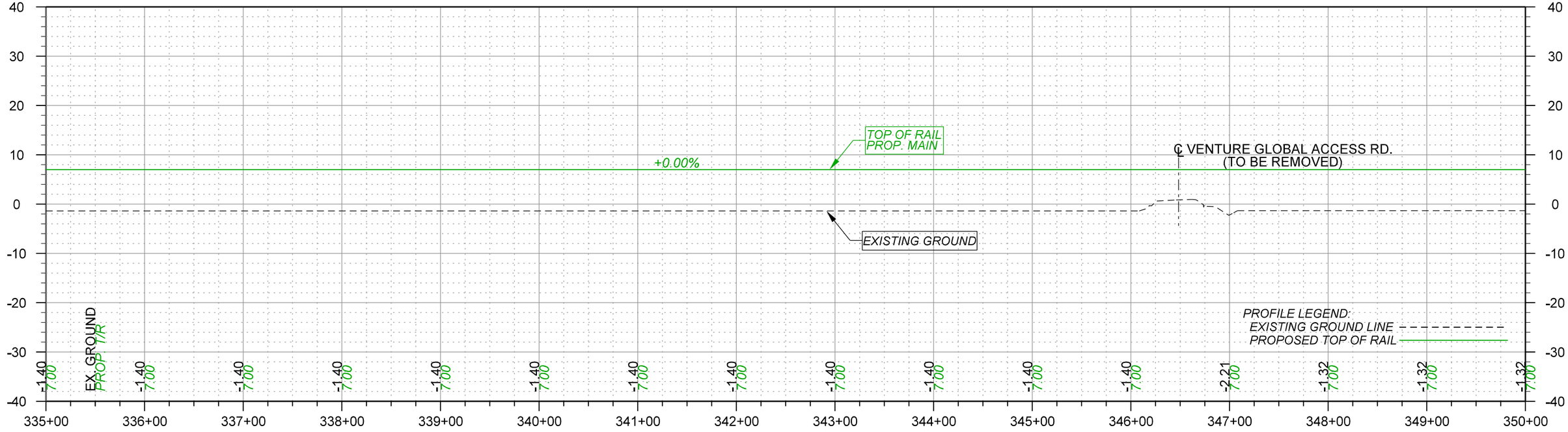
LOCATION & DESCRIPTION:
30% Design
NOGC RR Terminus (MP 24) to Future Gateway Terminal (MP 33)
Plaquemines Parish, LA

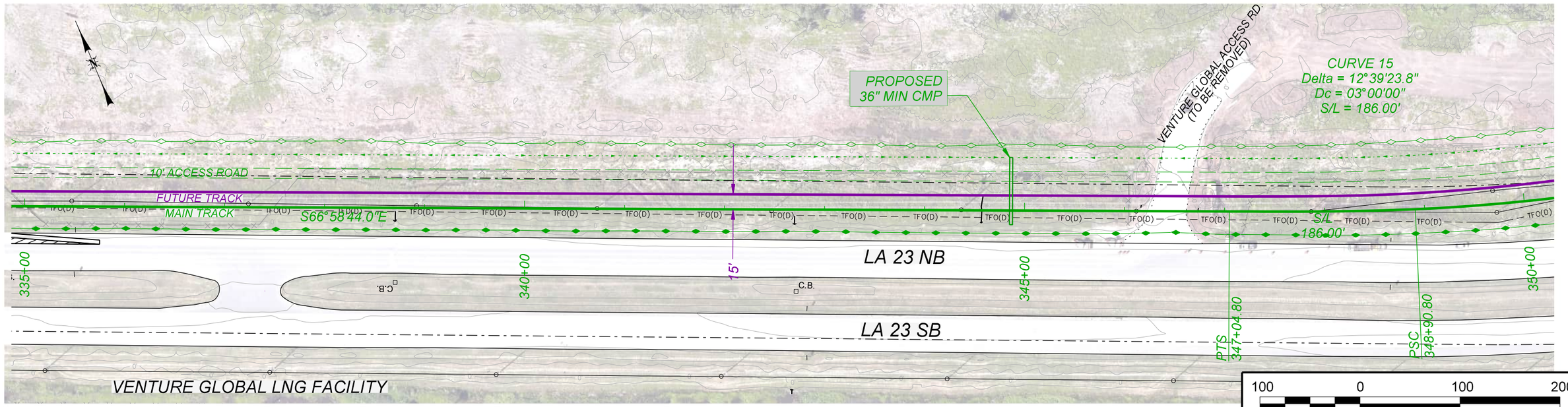
SHEET TITLE:
PROP. MAIN PLAN AND PROFILE

Color table:
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pw://HDR_PW_DTSNME///
Main Track Alignment-5 - Plan 22 [Sheet]
11/2/2022

To Avondale
(North)

To Terminal
(South)





100 0 100 200

SCALE IN FEET

WARNING !
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REV. #	BY	DATE	DESCRIPTION
REV05		08/10/2022	
REV05.1		09/07/2022	
REV06		11/02/2022	

LEGEND:
- EXIST. TRACK
- PROPOSED TRACK
- FUTURE TRACK
- SHOOFLY TRACK
- SHIFT TRACK
- RETIRE TRACK
- GIS R/W BOUNDARY

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SCALE:	1"=100' (H) 1"=20' (V)
WORK ORDER:	
PID:	
BUDGET REF:	
SHEET NUMBER	P023 of 038

UNION PACIFIC RAILROAD

LGT MAINLINE EXTENSION

LOCATION & DESCRIPTION:
30% Design
NOGC RR Terminus (MP 24) to Future Gateway Terminal (MP 33)
Plaquemines Parish, LA

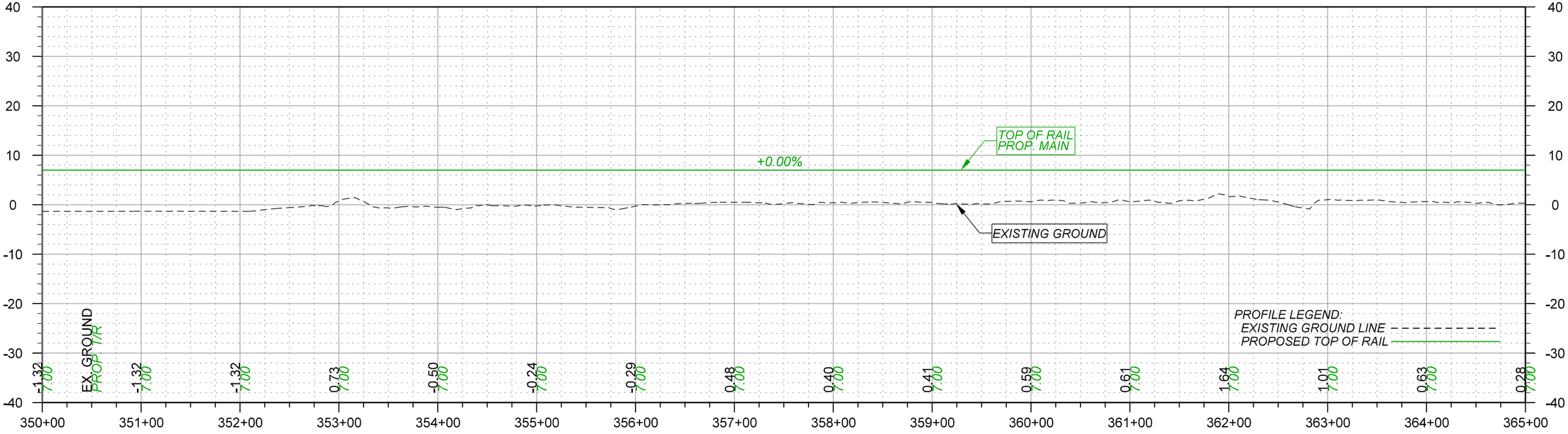
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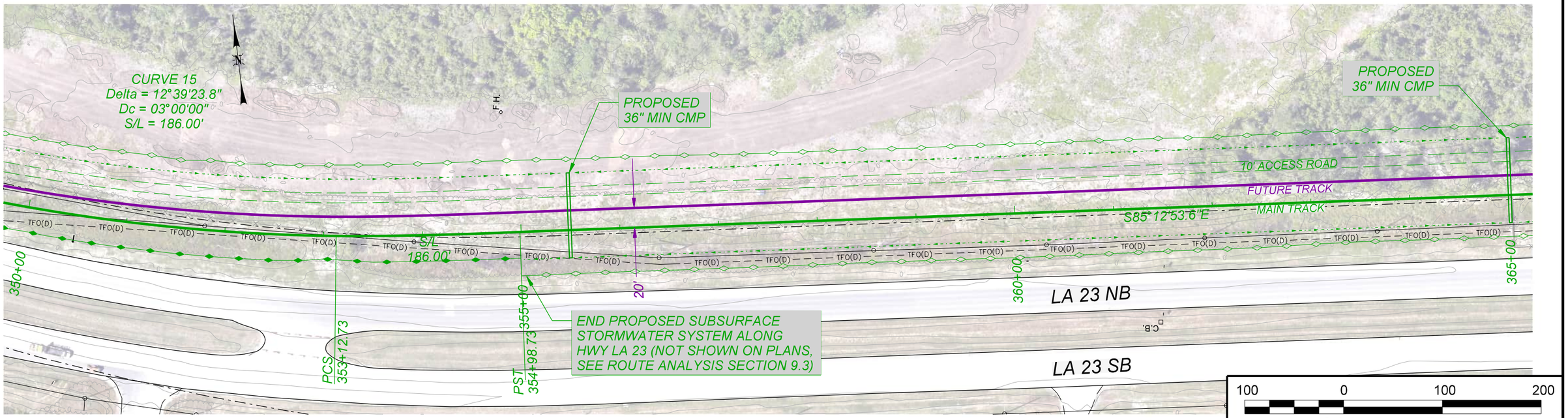
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pw://HDR_PW_DTSNME///
Main Track Alignment-5 - Plan 23 [Sheet]
11/2/2022

To Avondale
(North)

To Terminal
(South)





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REV. #	BY	DATE	DESCRIPTION
REV05		08/10/2022	
REV05.1		09/07/2022	
REV06		11/02/2022	

LEGEND:
- EXIST. TRACK
- PROPOSED TRACK
- FUTURE TRACK
- SHOOFLY TRACK
- SHIFT TRACK
- RETIRE TRACK
- GIS R/W BOUNDARY

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DATE:	11/02/2022
SCALE:	1"=100' (H) 1"=20' (V)
WORK ORDER:	
PID:	
BUDGET REF:	
SHEET NUMBER	P024 of 038

UNION PACIFIC RAILROAD

LGT MAINLINE EXTENSION

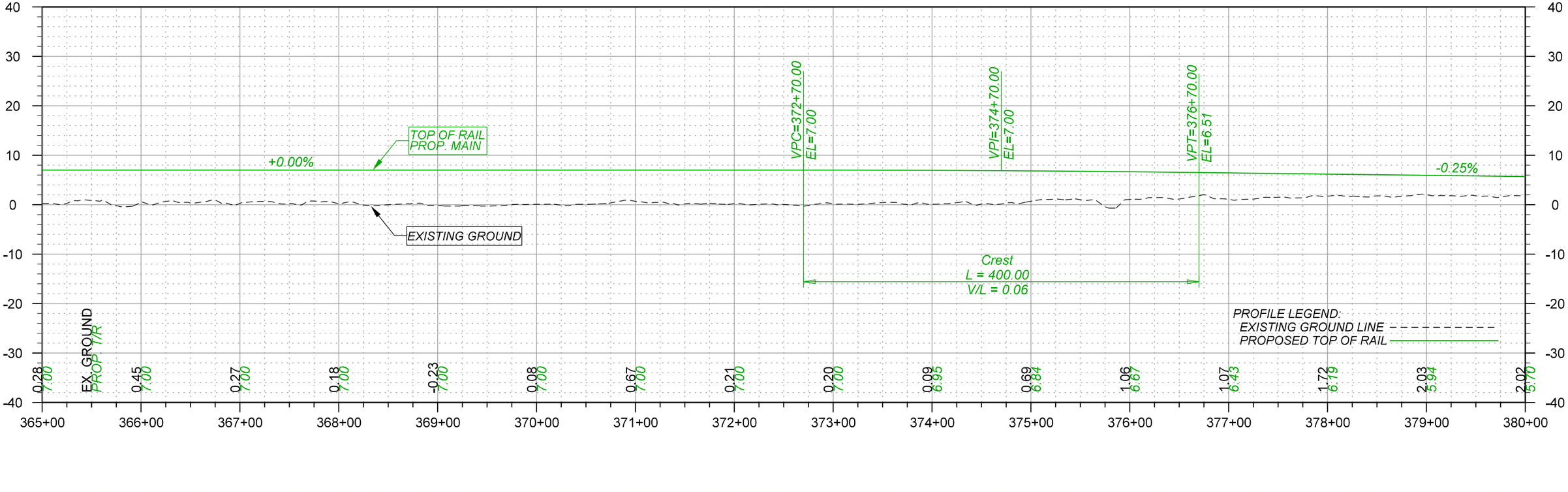
LOCATION & DESCRIPTION:
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NOGC RR Terminus (MP 24) to Future Gateway Terminal (MP 33)
Plaquemines Parish, LA

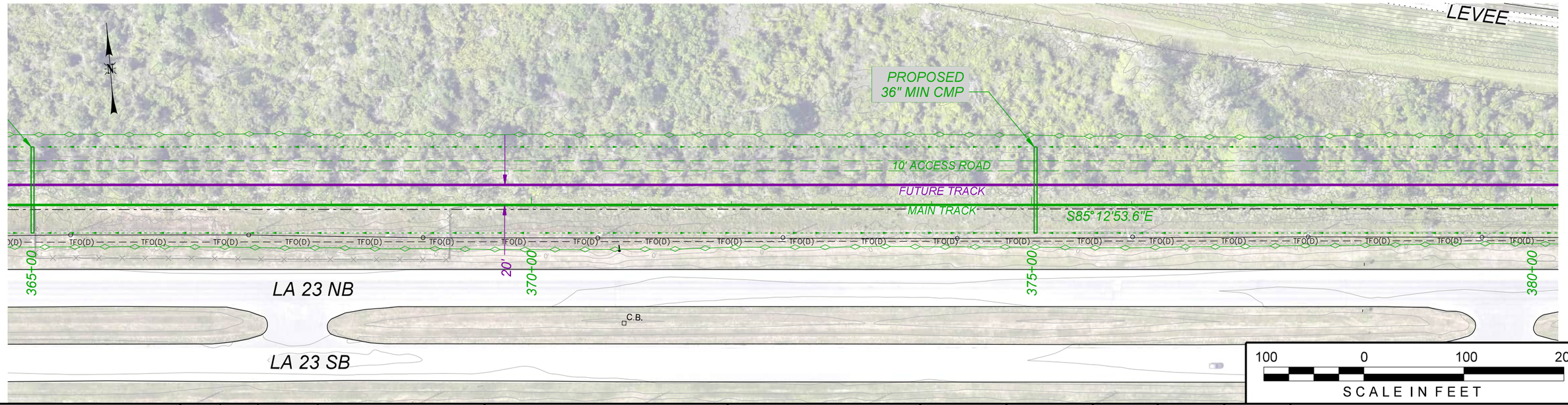
SHEET TITLE:
PROP. MAIN PLAN AND PROFILE

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pw://HDR_PW_DTSNME///
Main Track Alignment-5 - Plan 24 [Sheet]
11/2/2022

To Avondale
(North)

To Terminal
(South)





100 0 100 200

SCALE IN FEET

WARNING !
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REV. #	BY	DATE	DESCRIPTION
REV05		08/10/2022	
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REV06		11/02/2022	

LEGEND:
- EXIST. TRACK
- PROPOSED TRACK
- FUTURE TRACK
- SHOOFLY TRACK
- SHIFT TRACK
- RETIRE TRACK
- GIS R/W BOUNDARY

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DATE: 11/02/2022
SCALE: 1"=100' (H) 1"=20' (V)
WORK ORDER:
PID:
BUDGET REF:
SHEET NUMBER: P025 of 038

UNION PACIFIC RAILROAD

LGT MAINLINE EXTENSION

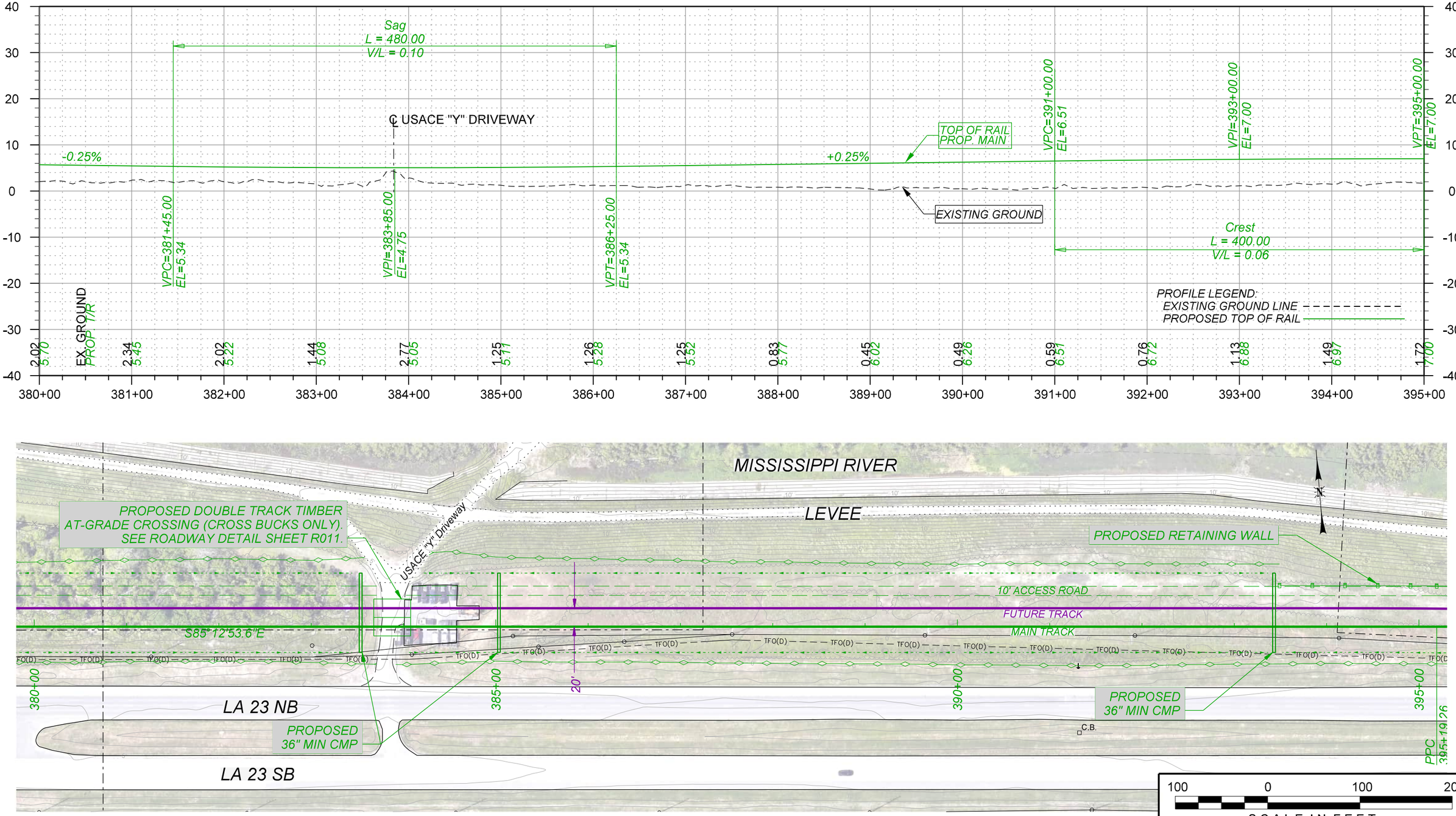
LOCATION & DESCRIPTION:
30% Design
NOGC RR Terminus (MP 24) to Future Gateway Terminal (MP 33)
Plaquemines Parish, LA

SHEET TITLE: PROP. MAIN PLAN AND PROFILE

Color table:
C:\ProgramData\Bentley\OpenRail Designer CE 10.10\Configuration\Organization-Civil\UPRR_Org_Civil_Standards\Plot\Pen Tables\HDR-UPRR_V8i_pentable.tbl
pw://HDR_PW_DTSNME///
Main Track Alignment-5 - Plan 25 [Sheet]
11/2/2022

To Avondale
(North)

To Terminal
(South)



WARNING !
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REV. #	BY	DATE	DESCRIPTION
REV05		08/10/2022	
REV05.1		09/07/2022	
REV06		11/02/2022	

LEGEND:
- EXIST. TRACK
- PROPOSED TRACK
- FUTURE TRACK
- SHOOFLY TRACK
- SHIFT TRACK
- RETIRE TRACK
- GIS R/W BOUNDARY

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CHECKED BY:	NHE
DATE:	11/02/2022
SCALE:	1"=100' (H) 1"=20' (V)
WORK ORDER:	
PID:	
BUDGET REF:	
SHEET NUMBER	P026 of 038

UNION PACIFIC RAILROAD

LGT MAINLINE EXTENSION

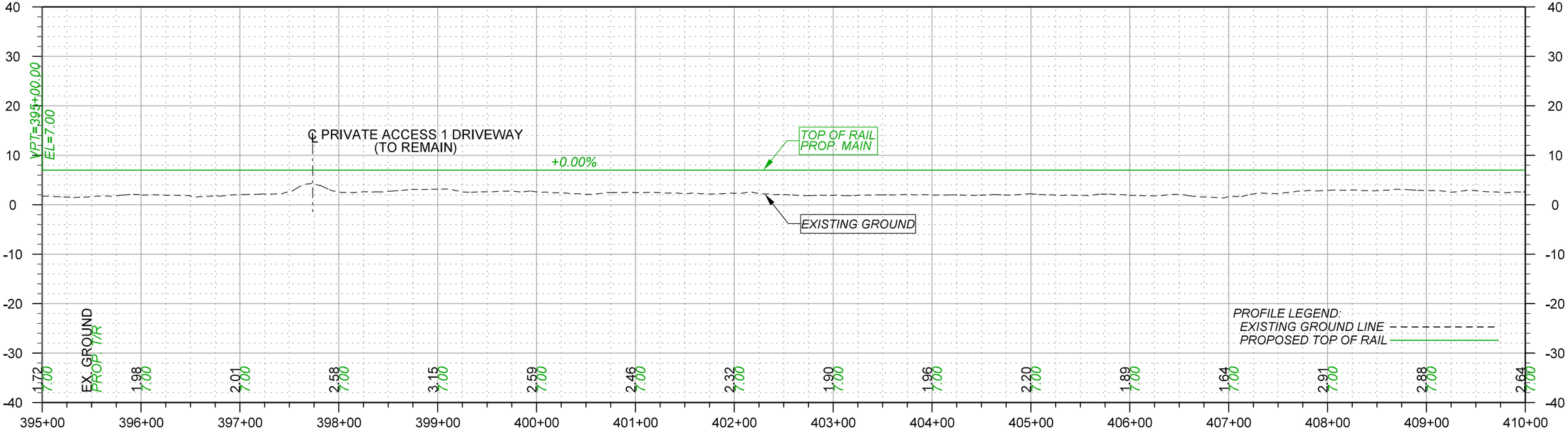
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30% Design
NOGC RR Terminus (MP 24) to Future Gateway Terminal (MP 33)
Plaquemines Parish, LA

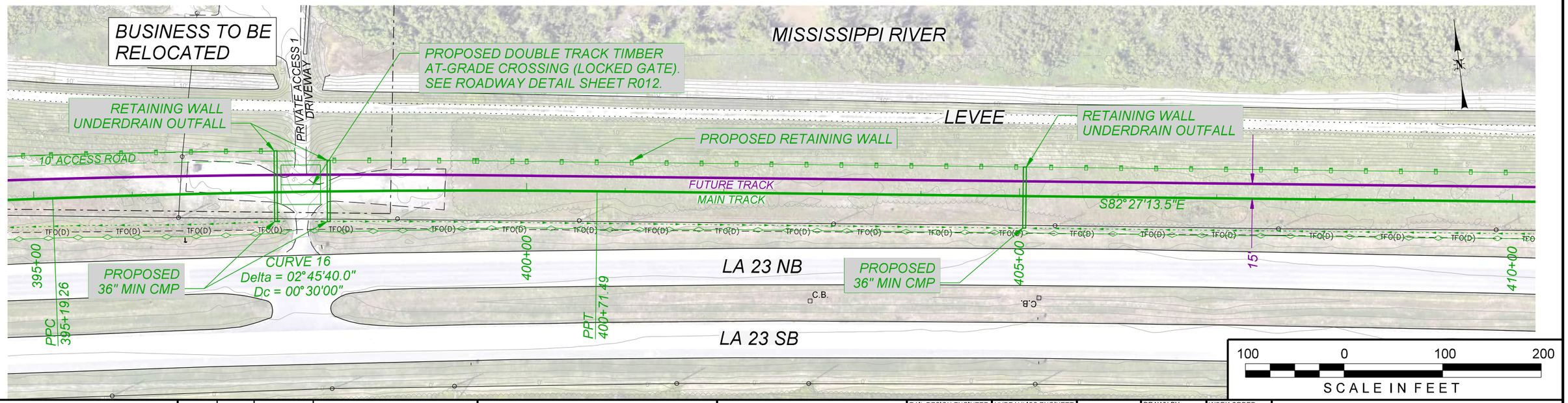
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PROP. MAIN PLAN AND PROFILE

Color table:
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pw://HDR_PW_DTSNME///
Main Track Alignment-5 - Plan 26 [Sheet]
11/2/2022

To Avondale
(North)

To Terminal
(South)





WARNING !
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REV. #	BY	DATE	DESCRIPTION
REV05		08/10/2022	
REV05.1		09/07/2022	
REV06		11/02/2022	

LEGEND:
- EXIST. TRACK
- PROPOSED TRACK
- FUTURE TRACK
- SHOOFLY TRACK
- SHIFT TRACK
- RETIRE TRACK
- GIS R/W BOUNDARY

WSP USA INC.
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NEW YORK, NEW YORK 10119
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NEW ORLEANS AND GULF COAST RAILWAY CO.

RAIL DESIGN ENGINEER
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PROFESSIONAL ENGINEER

HYDRAULICS ENGINEER
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DATE:	11/02/2022
SCALE:	1"=100' (H) 1"=20' (V)
WORK ORDER:	
PID:	
BUDGET REF:	
SHEET NUMBER	P027 of 038

UNION PACIFIC RAILROAD

LGT MAINLINE EXTENSION

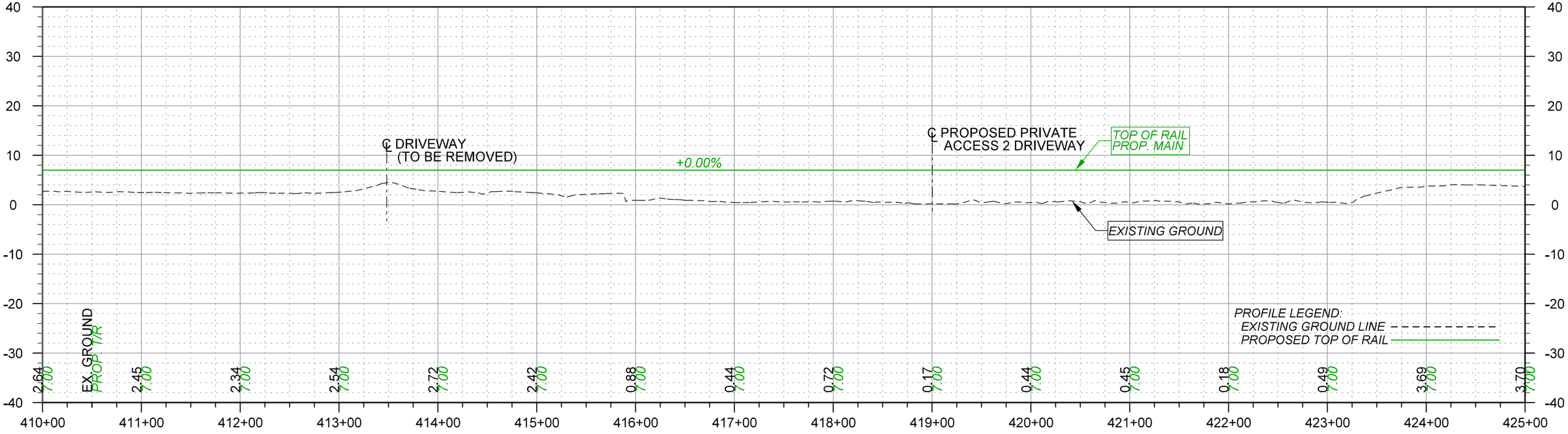
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NOGC RR Terminus (MP 24) to Future Gateway Terminal (MP 33)
Plaquemines Parish, LA

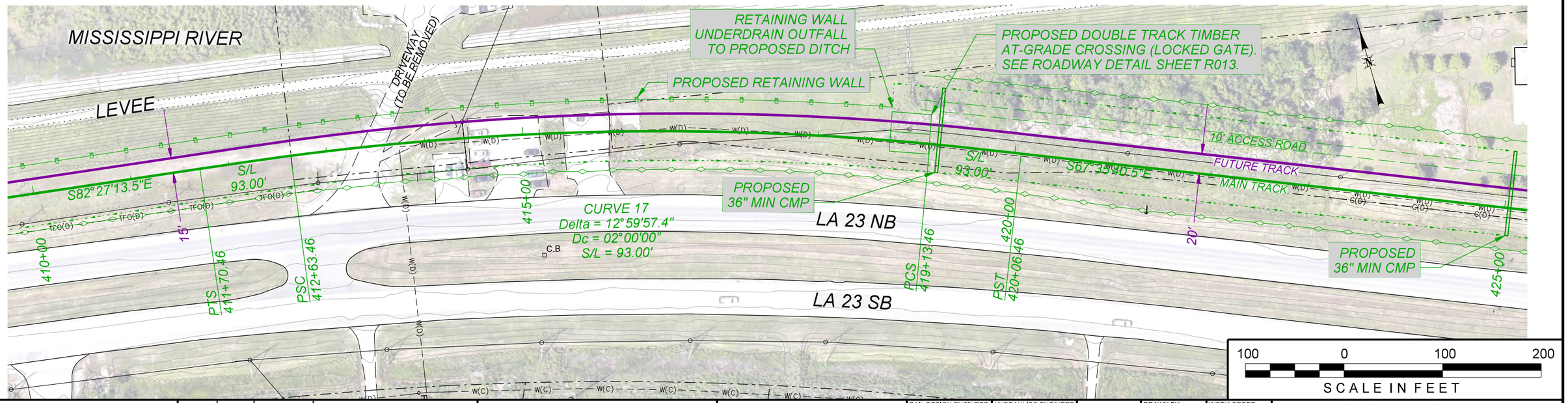
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PROP. MAIN PLAN AND PROFILE

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pw://HDR_PW_DTSNME///
Main Track Alignment-5 - Plan 27 [Sheet]
11/2/2022

To Avondale
(North)

To Terminal
(South)





100 0 100 200
SCALE IN FEET

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REV. #	BY	DATE	DESCRIPTION
REV05		08/10/2022	
REV05.1		09/07/2022	
REV06		11/02/2022	

LEGEND:
- EXIST. TRACK
- PROPOSED TRACK
- FUTURE TRACK
- SHOOFLY TRACK
- SHIFT TRACK
- RETIRE TRACK
- GIS R/W BOUNDARY

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CHECKED BY:	NHE
DATE:	11/02/2022
SCALE:	1"=100' (H) 1"=20' (V)
WORK ORDER:	
PID:	
BUDGET REF:	
SHEET NUMBER	P028 of 038

UNION PACIFIC RAILROAD

LGT MAINLINE EXTENSION

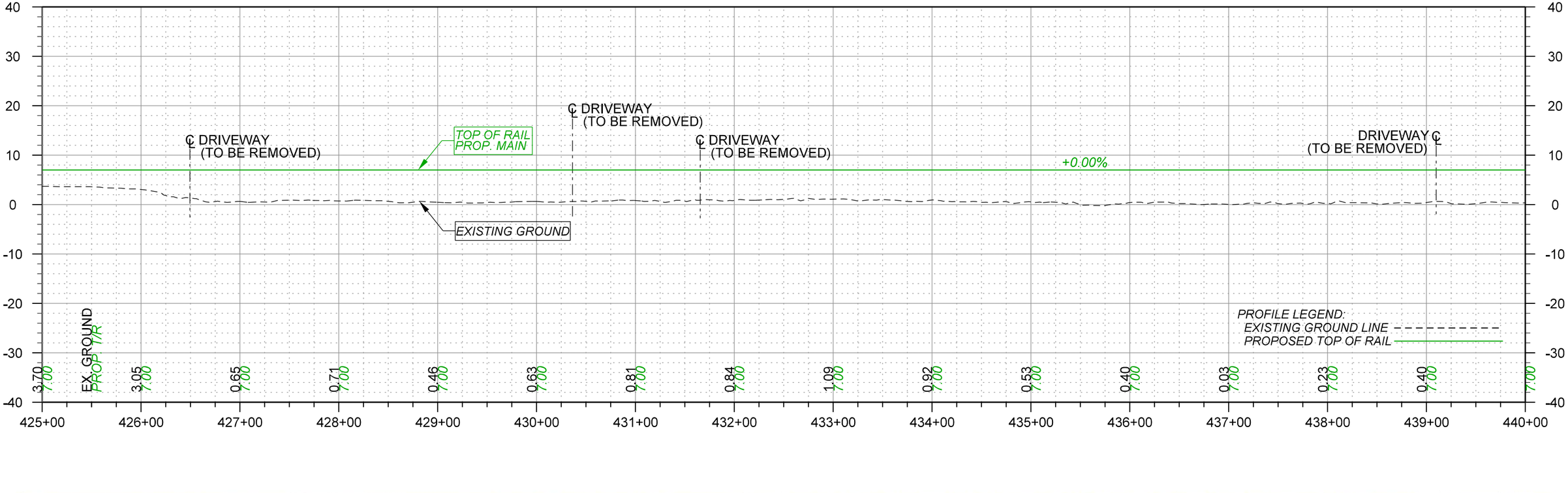
LOCATION & DESCRIPTION:
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NOGC RR Terminus (MP 24) to Future Gateway Terminal (MP 33)
Plaquemines Parish, LA

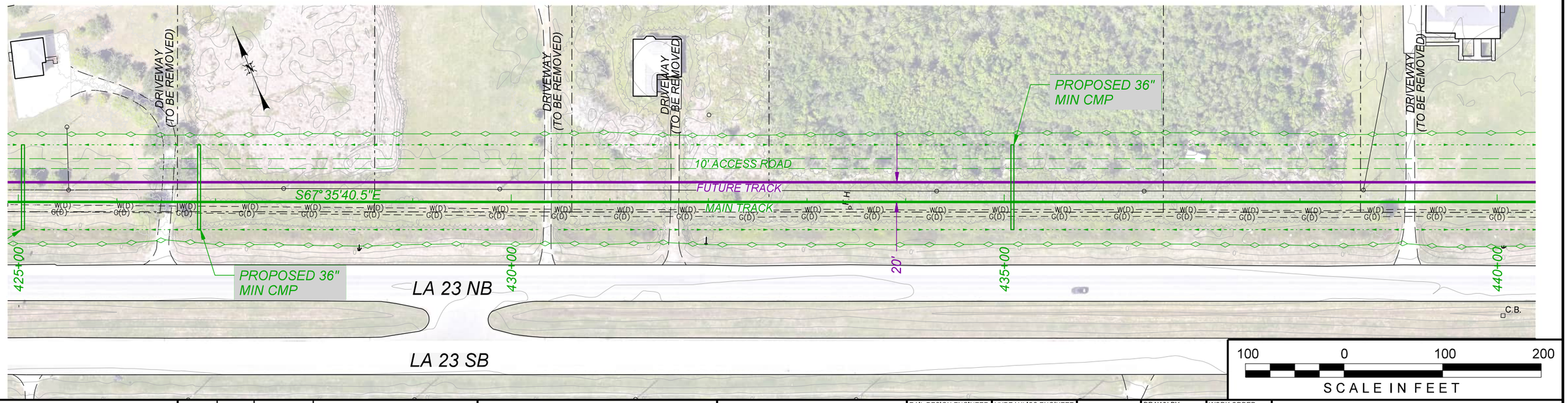
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PROP. MAIN PLAN AND PROFILE

Color table:
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pw://HDR_PW_DTSNME///
Main Track Alignment-5 - Plan 28 [Sheet]
11/2/2022

To Avondale
(North)

To Terminal
(South)





100 0 100 200

SCALE IN FEET

WARNING !
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REV. #	BY	DATE	DESCRIPTION
REV05		08/10/2022	
REV05.1		09/07/2022	
REV06		11/02/2022	

LEGEND:
- EXIST. TRACK
- PROPOSED TRACK
- FUTURE TRACK
- SHOOFLY TRACK
- SHIFT TRACK
- RETIRE TRACK
- GIS R/W BOUNDARY

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DRAWN BY: SAW
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DATE: 11/02/2022
SCALE: 1"=100' (H) 1"=20' (V)
WORK ORDER:
PID:
BUDGET REF:
SHEET NUMBER P029 of 038

UNION PACIFIC RAILROAD

LGT MAINLINE EXTENSION

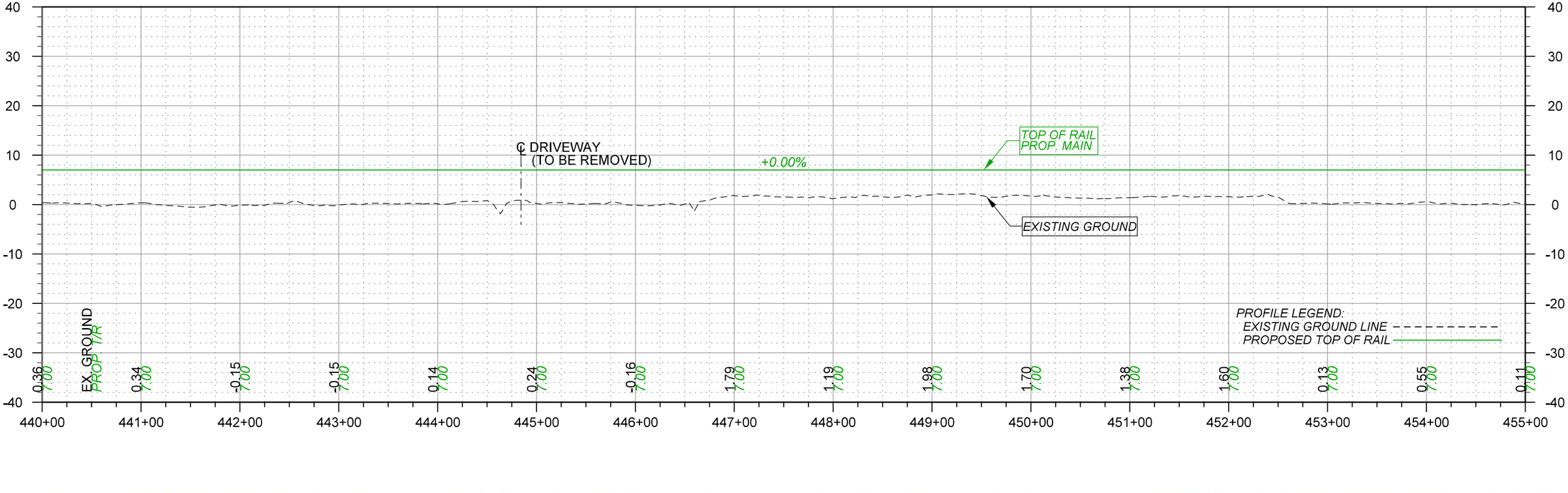
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NOGC RR Terminus (MP 24) to Future Gateway Terminal (MP 33)
Plaquemines Parish, LA

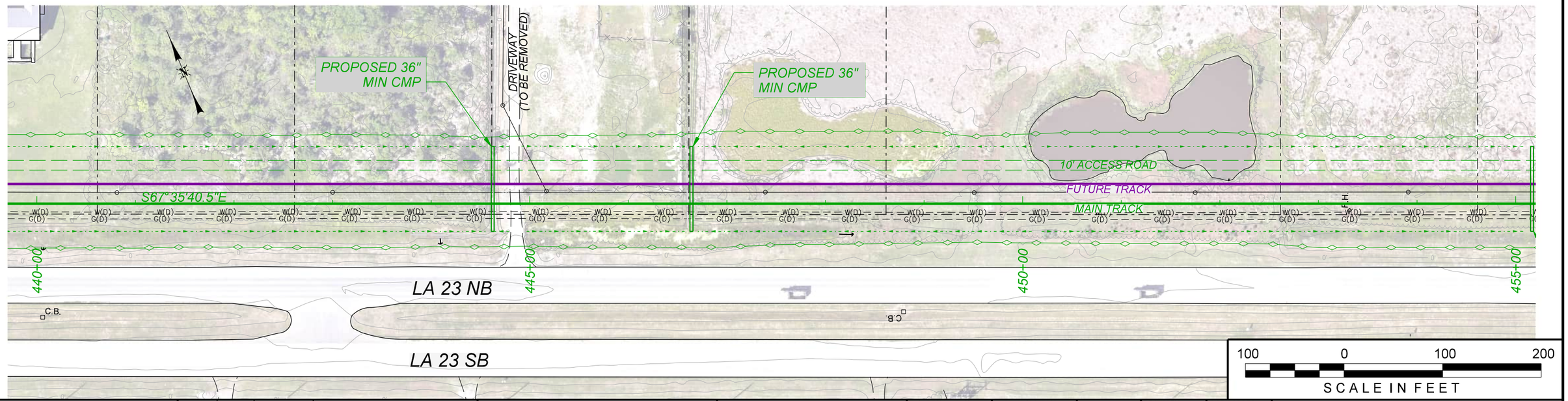
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pw://HDR_PW_DTSNME///
Main Track Alignment-5 - Plan 29 [Sheet]
11/2/2022

To Avondale
(North)

To Terminal
(South)





100 0 100 200

SCALE IN FEET

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REV. #	BY	DATE	DESCRIPTION
REV05		08/10/2022	
REV05.1		09/07/2022	
REV06		11/02/2022	

LEGEND:
- EXIST. TRACK
- PROPOSED TRACK
- FUTURE TRACK
- SHOOFLY TRACK
- SHIFT TRACK
- RETIRE TRACK
- GIS R/W BOUNDARY

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CHECKED BY:	NHE
DATE:	11/02/2022
SCALE:	1"=100' (H) 1"=20' (V)
WORK ORDER:	
PID:	
BUDGET REF:	
SHEET NUMBER	P030 of 038

UNION PACIFIC RAILROAD

LGT MAINLINE EXTENSION

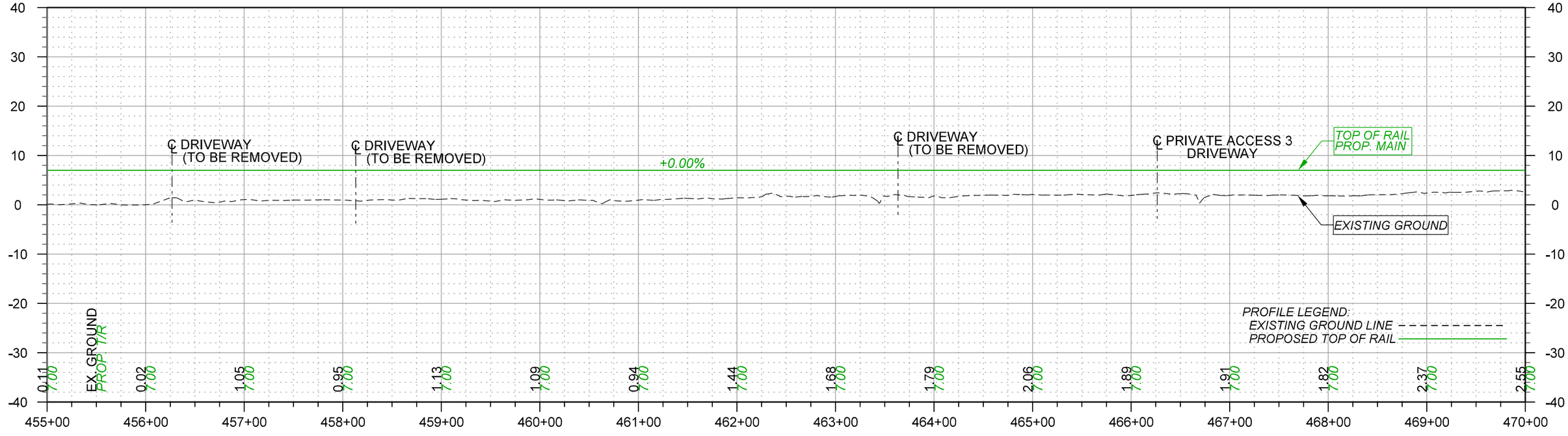
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NOGC RR Terminus (MP 24) to Future Gateway Terminal (MP 33)
Plaquemines Parish, LA

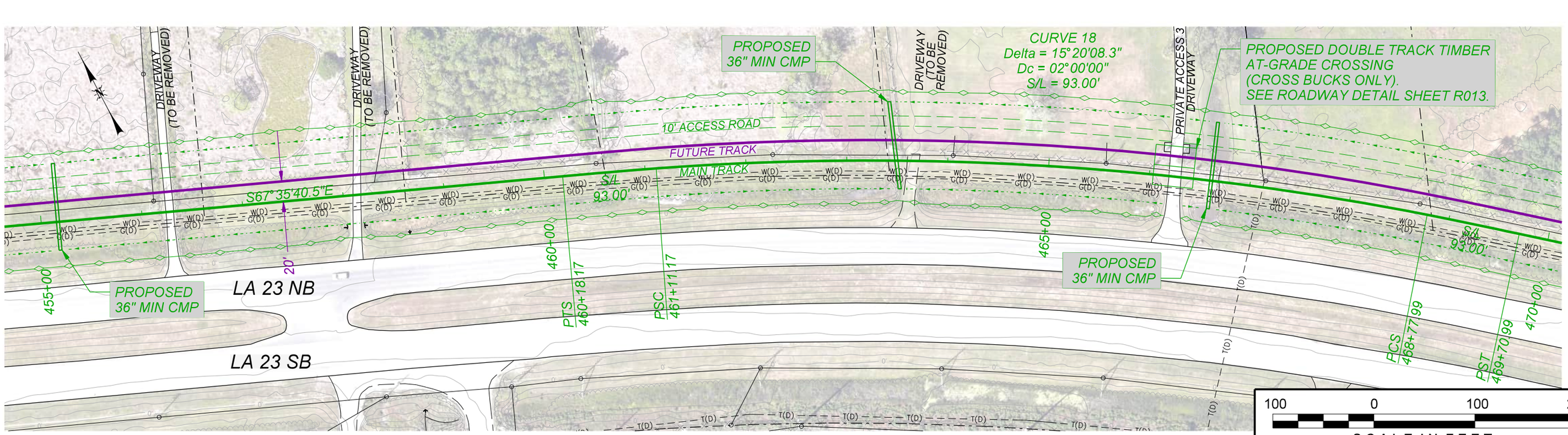
SHEET TITLE:
PROP. MAIN PLAN AND PROFILE

Color table:
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pw://HDR_PW_DTSNME///
Main Track Alignment-5 - Plan 30 [Sheet]
11/2/2022

To Avondale
(North)

To Terminal
(South)





100 0 100 200
SCALE IN FEET

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REV. #	BY	DATE	DESCRIPTION
REV05		08/10/2022	
REV05.1		09/07/2022	
REV06		11/02/2022	

LEGEND:
- EXIST. TRACK
- PROPOSED TRACK
- FUTURE TRACK
- SHOOFLY TRACK
- SHIFT TRACK
- RETIRE TRACK
- GIS R/W BOUNDARY

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DATE:	11/02/2022
SCALE:	1"=100' (H) 1"=20' (V)
WORK ORDER:	
PID:	
BUDGET REF:	
SHEET NUMBER	P031 of 038

UNION PACIFIC RAILROAD

LGT MAINLINE EXTENSION

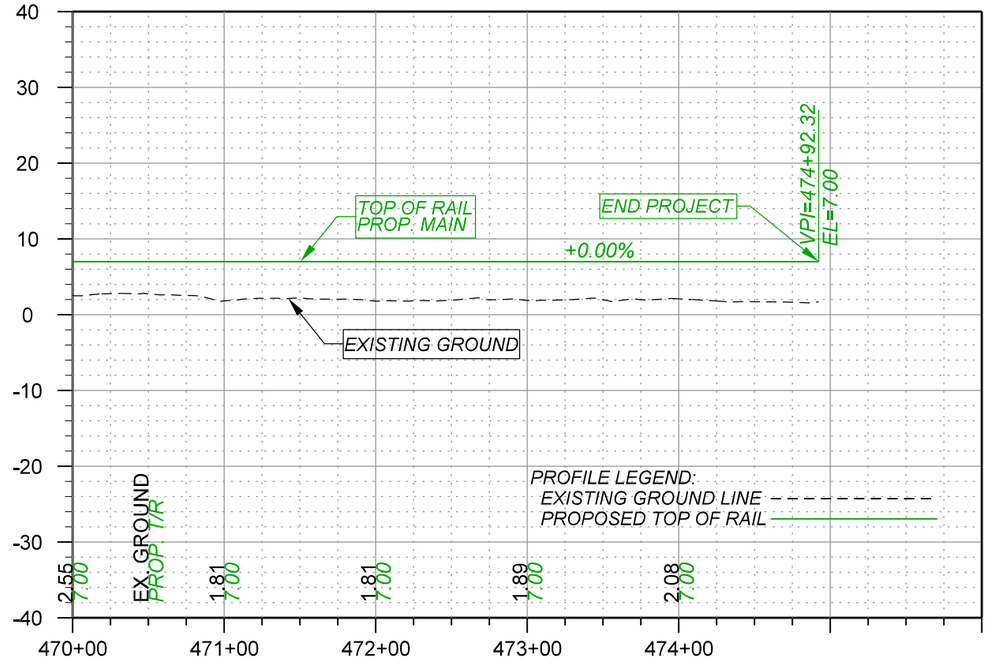
LOCATION & DESCRIPTION:
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Plaquemines Parish, LA

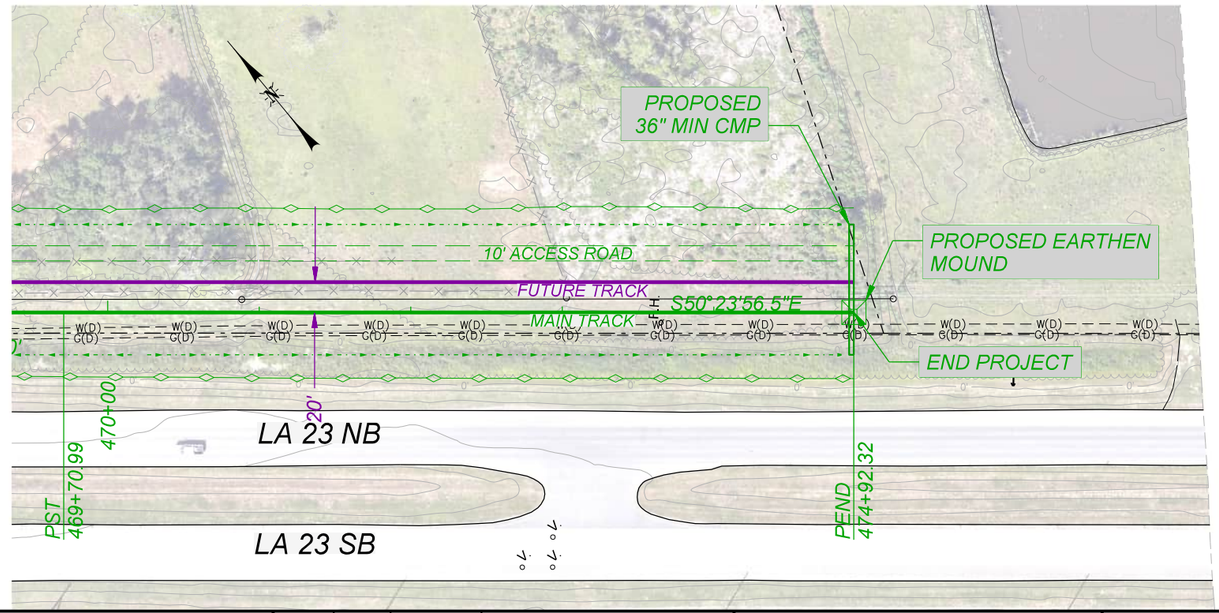
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PROP. MAIN PLAN AND PROFILE

Color table:
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Main Track Alignment-5 - Plan 3i [Sheet]
11/2/2022

To Avondale
(North)

To Terminal
(South)





100 0 100 200
SCALE IN FEET

WARNING !
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REV. #	BY	DATE	DESCRIPTION
REV05		08/10/2022	
REV05.1		09/07/2022	
REV06		11/02/2022	

LEGEND:
- EXIST. TRACK
- PROPOSED TRACK
- FUTURE TRACK
- SHOOFLY TRACK
- SHIFT TRACK
- RETIRE TRACK
- GIS R/W BOUNDARY

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DRAWN BY: SAW
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DATE: 11/02/2022
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WORK ORDER:
PID:
BUDGET REF:
SHEET NUMBER: P032 of 038

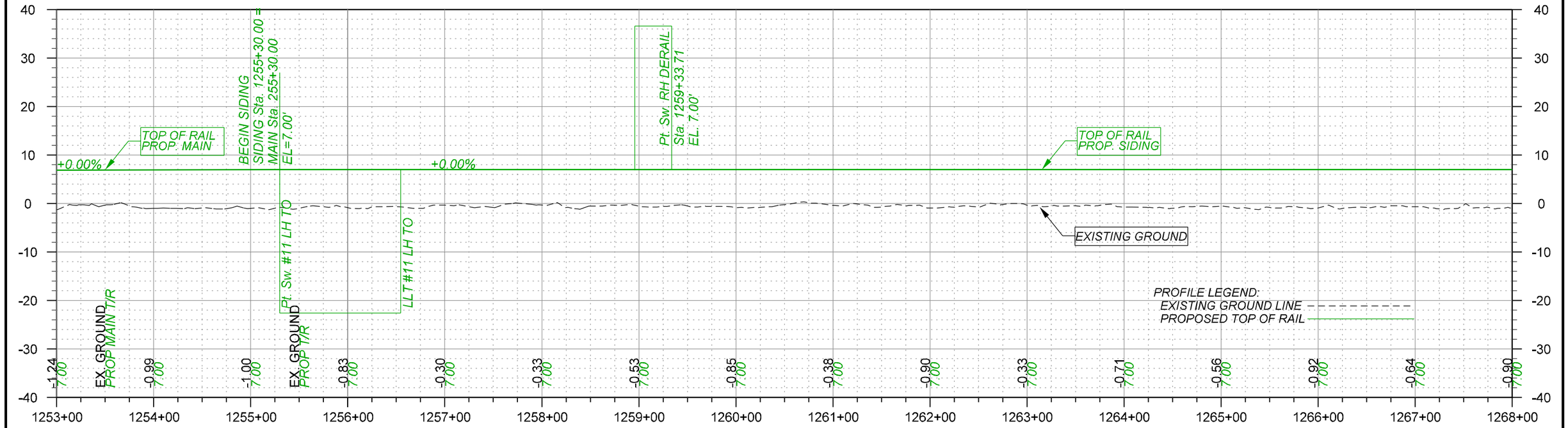
UNION PACIFIC RAILROAD

LGT MAINLINE EXTENSION

LOCATION & DESCRIPTION:
30% Design
NOGC RR Terminus (MP 24) to Future Gateway Terminal (MP 33)
Plaquemines Parish, LA

SHEET TITLE: PROP. MAIN PLAN AND PROFILE

Color table:
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Main Track Alignment-5 - Plan 32 [Sheet]
11/2/2022





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REV. #	BY	DATE	DESCRIPTION
REV05		08/10/2022	
REV05.1		09/07/2022	
REV06		11/02/2022	

LEGEND:
- EXIST. TRACK
- PROPOSED TRACK
- FUTURE TRACK
- SHOOFLY TRACK
- SHIFT TRACK
- RETIRE TRACK
- GIS R/W BOUNDARY

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CHECKED BY:	NHE
DATE:	11/02/2022
SCALE:	1"=100' (H) 1"=20' (V)
WORK ORDER:	
PID:	
BUDGET REF:	
SHEET NUMBER	P033 of 038

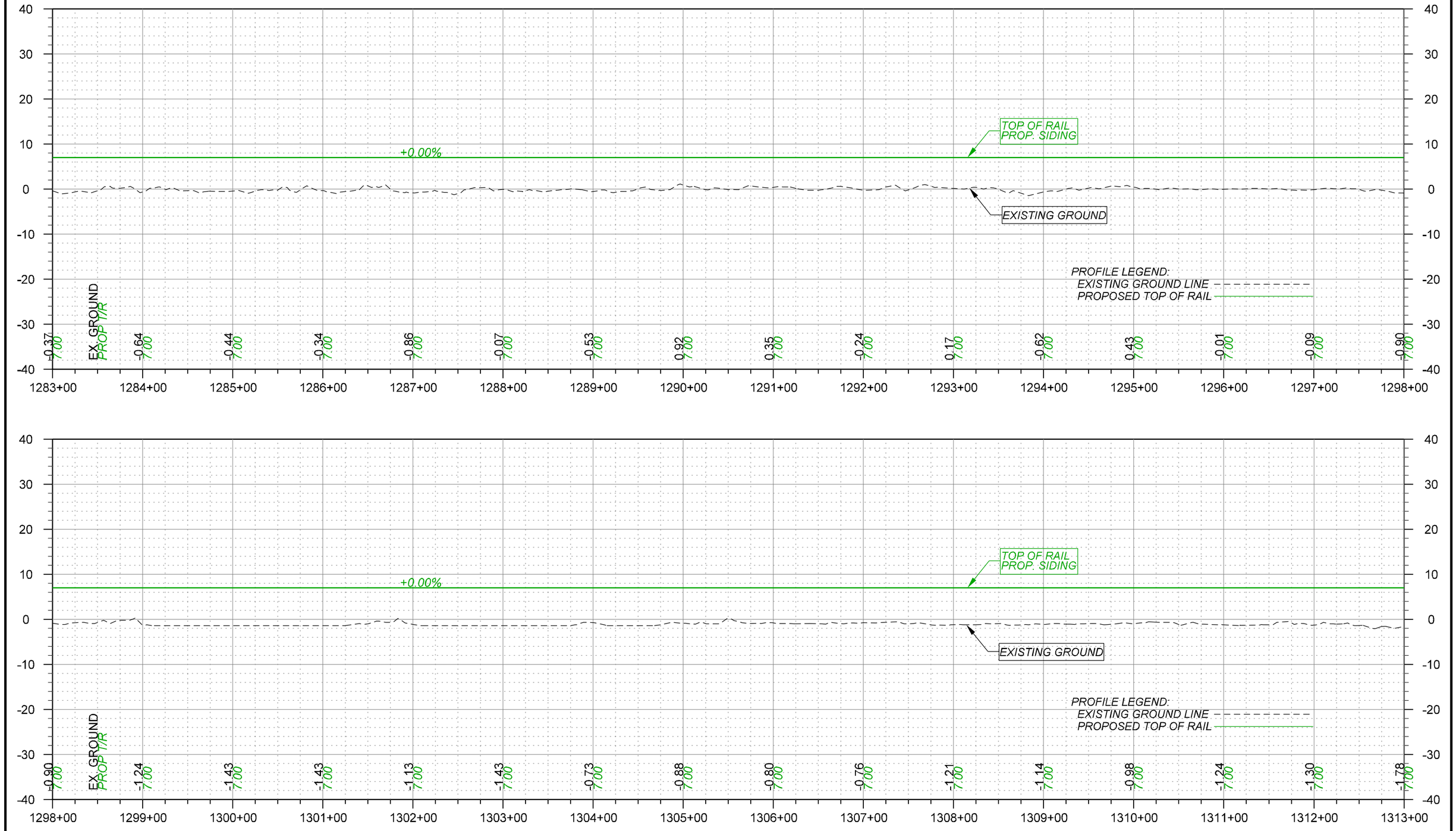
UNION PACIFIC RAILROAD

LGT MAINLINE EXTENSION

LOCATION & DESCRIPTION:
30% Design
NOGC RR Terminus (MP 24) to Future Gateway Terminal (MP 33)
Plaquemines Parish, LA

SHEET TITLE:
PROP. SIDING PROFILE

Color table:
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pw://HDR_PW_DTSNME///
Side Track ProfileREV02 - Profile 1 [Sheet]
10/28/2022



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REV. #	BY	DATE	DESCRIPTION
REV05		08/10/2022	
REV05.1		09/07/2022	
REV06		11/02/2022	

LEGEND:
- EXIST. TRACK
- PROPOSED TRACK
- FUTURE TRACK
- SHOOFLY TRACK
- SHIFT TRACK
- RETIRE TRACK
- GIS R/W BOUNDARY

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STATE OF LOUISIANA
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UNION PACIFIC

DRAWN BY: SAW
CHECKED BY: NHE
DATE: 11/02/2022
SCALE: 1"=100' (H) 1"=20' (V)
WORK ORDER:
PID:
BUDGET REF:
SHEET NUMBER: P034 of 038

UNION PACIFIC RAILROAD

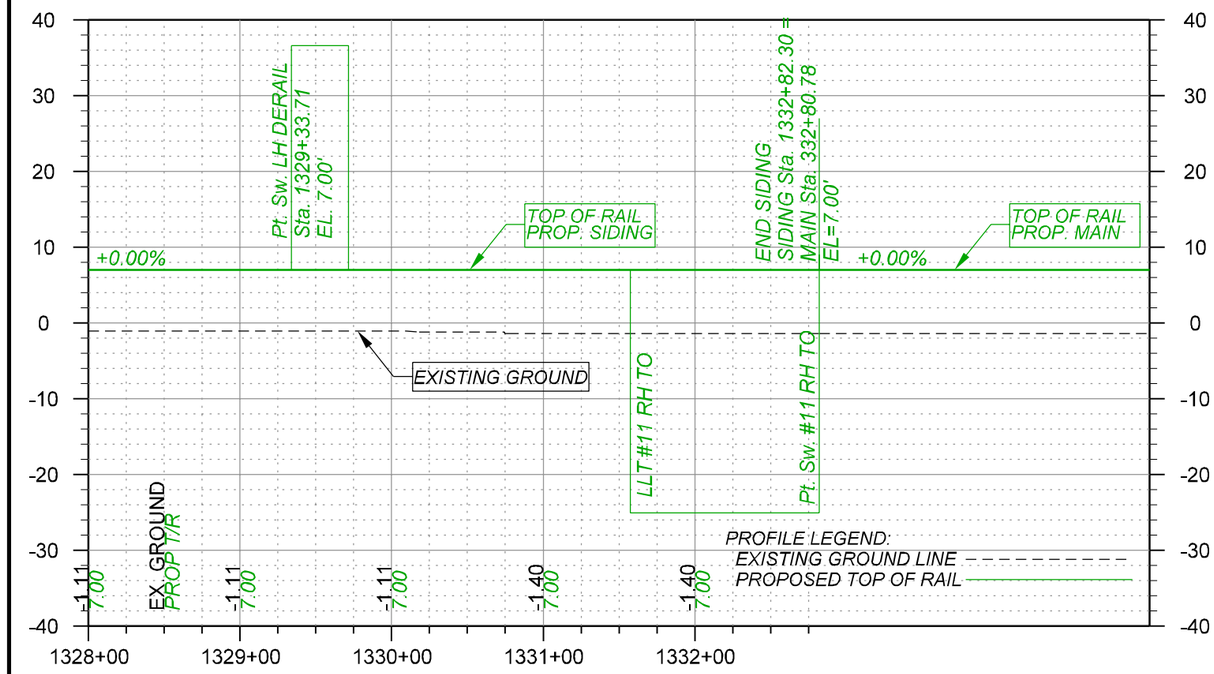
LGT MAINLINE EXTENSION

LOCATION & DESCRIPTION:
30% Design
NOGC RR Terminus (MP 24) to Future Gateway Terminal (MP 33)
Plaquemines Parish, LA

SHEET TITLE:
PROP. SIDING PROFILE

Color table:
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pw://HDR_PW_DTSNME///
Side Track ProfileREV02 - Profile 3 [Sheet]
10/28/2022





WARNING !
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REV. #	BY	DATE	DESCRIPTION
REV05		08/10/2022	
REV05.1		09/07/2022	
REV06		11/02/2022	

LEGEND:
- EXIST. TRACK
- PROPOSED TRACK
- FUTURE TRACK
- SHOOFLY TRACK
- SHIFT TRACK
- RETIRE TRACK
- GIS R/W BOUNDARY

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STATE OF LOUISIANA
NATHANIEL H. ELLIS
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UNION PACIFIC

DRAWN BY: SAW
CHECKED BY: NHE
DATE: 11/02/2022
SCALE: 1"=100' (H) 1"=20' (V)
WORK ORDER:
PID:
BUDGET REF:
SHEET NUMBER: P035 of 038

UNION PACIFIC RAILROAD

LGT MAINLINE EXTENSION

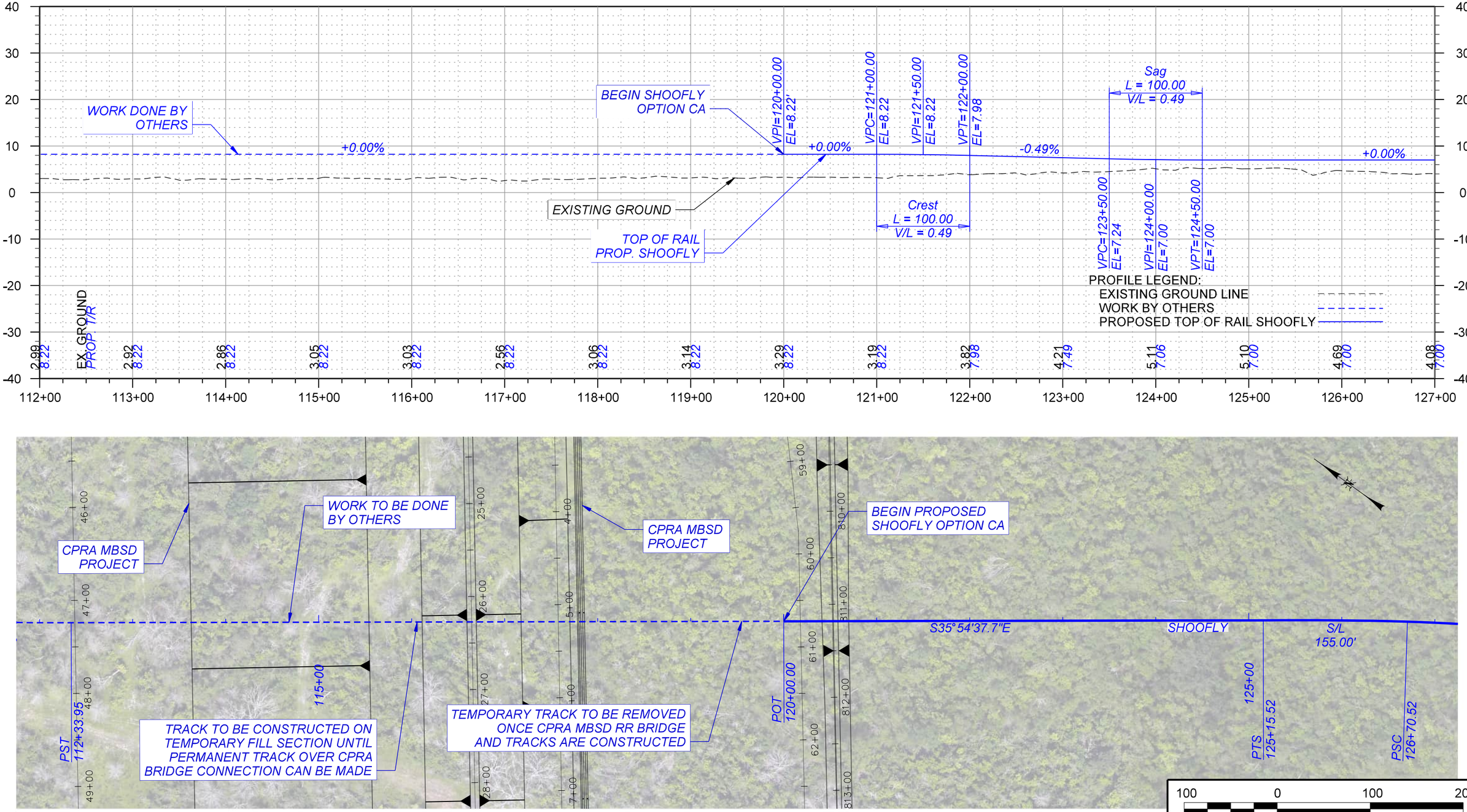
LOCATION & DESCRIPTION:
30% Design
NOGC RR Terminus (MP 24) to Future Gateway Terminal (MP 33)
Plaquemines Parish, LA

SHEET TITLE:
PROP. SIDING PROFILE

Color table:
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pw://HDR_PW_DTSNME///
Side Track ProfileREV02 - Profile 5 [Sheet]
11/1/2022

To Avondale
(North)

To Terminal
(South)



100 0 100 200
SCALE IN FEET

WARNING !
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REV. #	BY	DATE	DESCRIPTION
REV05		08/10/2022	
REV05.1		09/07/2022	
REV06		11/02/2022	

LEGEND:
- EXIST. TRACK
- PROPOSED TRACK
- FUTURE TRACK
- SHOOFLY TRACK
- SHIFT TRACK
- RETIRE TRACK
- GIS R/W BOUNDARY

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DRAWN BY: SAW
CHECKED BY: NHE
DATE: 11/02/2022
SCALE: 1"=100' (H) 1"=20' (V)
WORK ORDER:
PID:
BUDGET REF:
SHEET NUMBER: P036 of 038

UNION PACIFIC RAILROAD

LGT MAINLINE EXTENSION

LOCATION & DESCRIPTION:
30% Design
NOGC RR Terminus (MP 24) to Future Gateway Terminal (MP 33)
Plaquemines Parish, LA

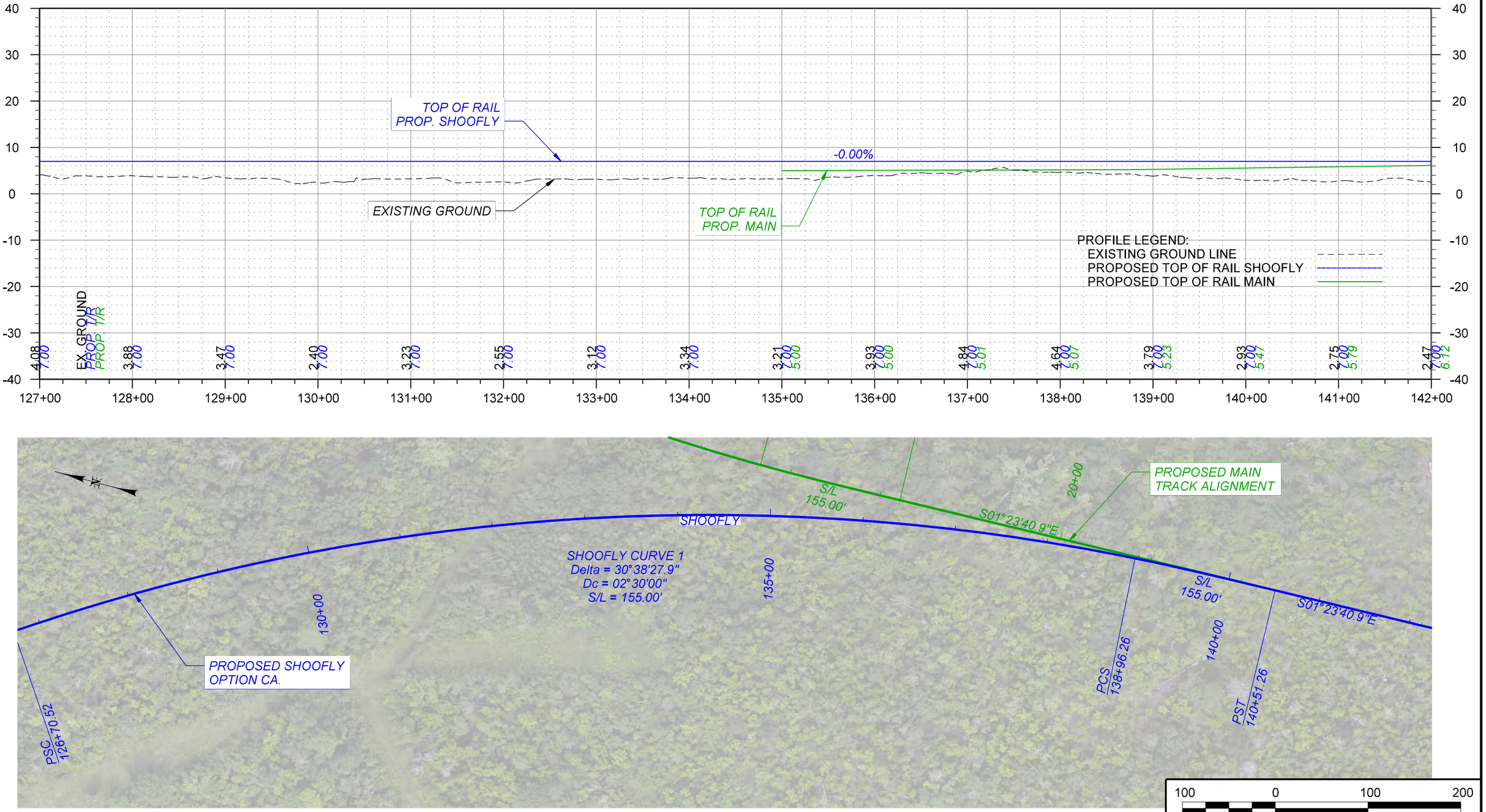
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SHOOFLY PLAN AND PROFILE

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Shoofly Sheet 36
11/2/2022

To Avondale
(North)

To Terminal
(South)



100 0 100 200
SCALE IN FEET

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REV06		11/02/2022	

LEGEND:
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- PROPOSED TRACK
- FUTURE TRACK
- SHOOFLY TRACK
- SHIFT TRACK
- RETIRE TRACK
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SCALE: 1"=100' (H) 1"=20' (V)
WORK ORDER:
PID:
BUDGET REF:
SHEET NUMBER: P037 of 038

UNION PACIFIC RAILROAD

LGT MAINLINE EXTENSION

LOCATION & DESCRIPTION:
30% Design
NOGC RR Terminus (MP 24) to Future Gateway Terminal (MP 33)
Plaquemines Parish, LA

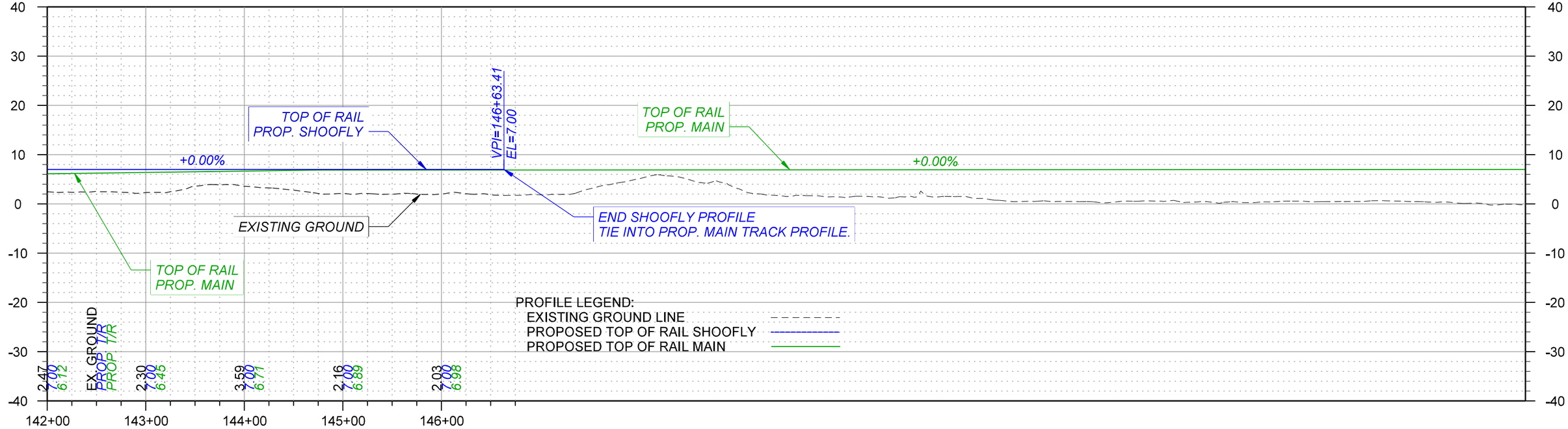
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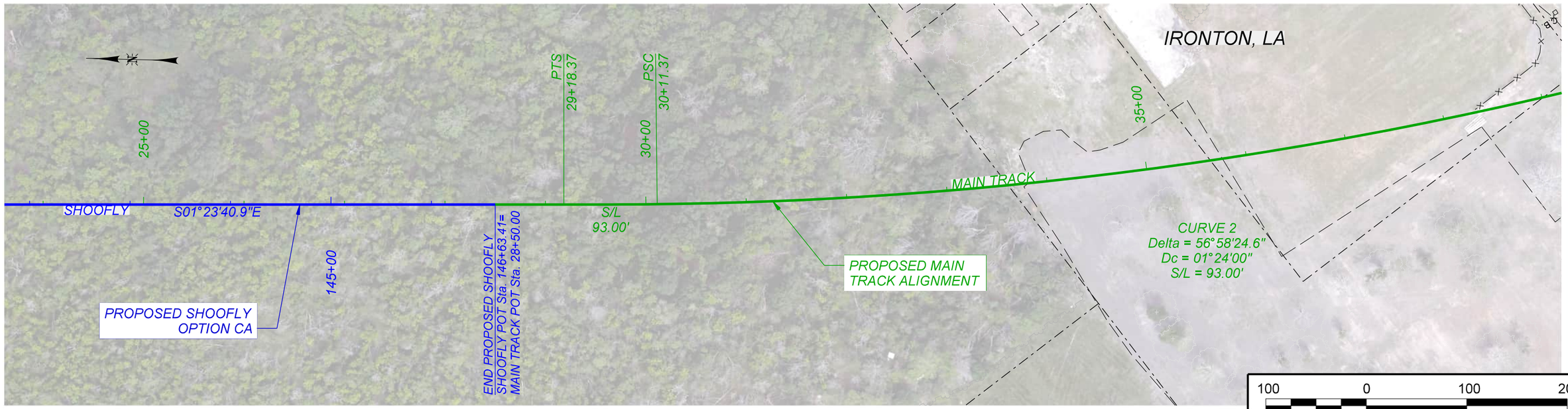
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pw://HDR_PW_DTSNME///
Shoofly Sheet 37
11/2/2022

To Avondale
(North)

To Terminal
(South)





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REV. #	BY	DATE	DESCRIPTION
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WORK ORDER:
PID:
BUDGET REF:
SHEET NUMBER: P038 of 038

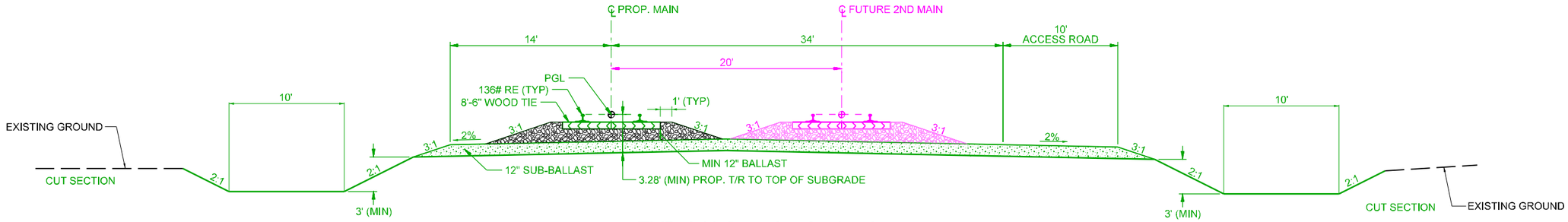
UNION PACIFIC RAILROAD

LGT MAINLINE EXTENSION

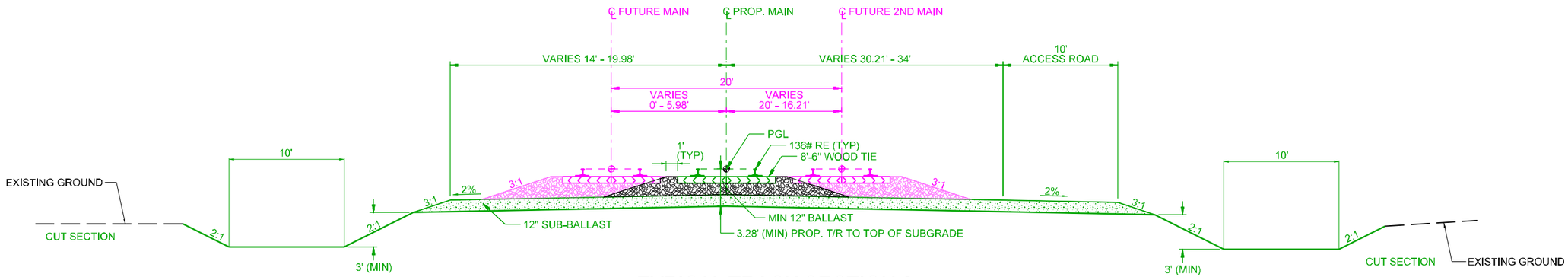
LOCATION & DESCRIPTION:
30% Design
NOGC RR Terminus (MP 24) to Future Gateway Terminal (MP 33)
Plaquemines Parish, LA

SHEET TITLE: SHOOFLY PLAN AND PROFILE

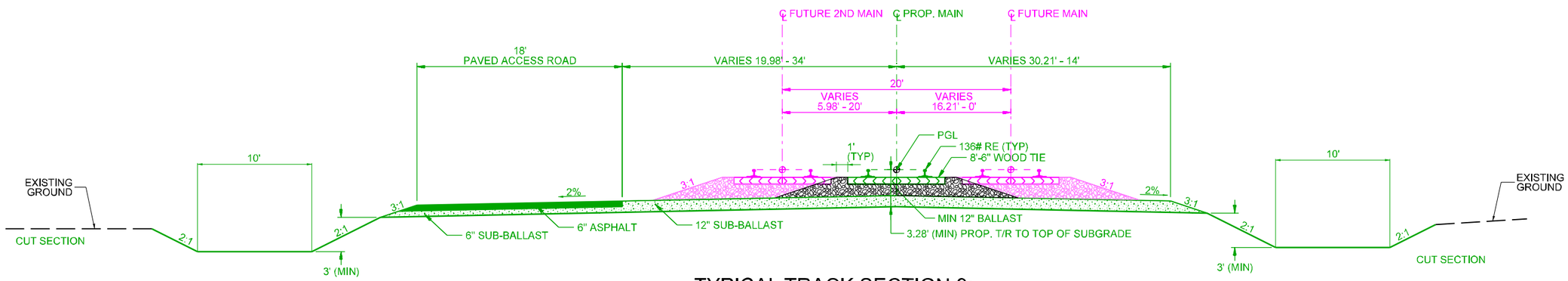
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pw://HDR_PW_DTSNME///
Shoofly Sheet 38
11/2/2022



TYPICAL TRACK SECTION 1:
10' DITCHES AND ACCESS ROAD RIGHT
STA 10+00 TO STA 29+18



TYPICAL TRACK SECTION 2:
TRANSITIONING MAIN WITH 10' DITCHES AND ACCESS ROAD RIGHT
STA 29+18 TO STA 40+05



TYPICAL TRACK SECTION 3:
TRANSITIONING MAIN WITH 10' DITCHES AND ACCESS ROAD LEFT
STA 40+05 TO STA 71+74

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REV. #	BY	DATE	DESCRIPTION
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BUDGET REF:
SHEET NUMBER T001 of 006

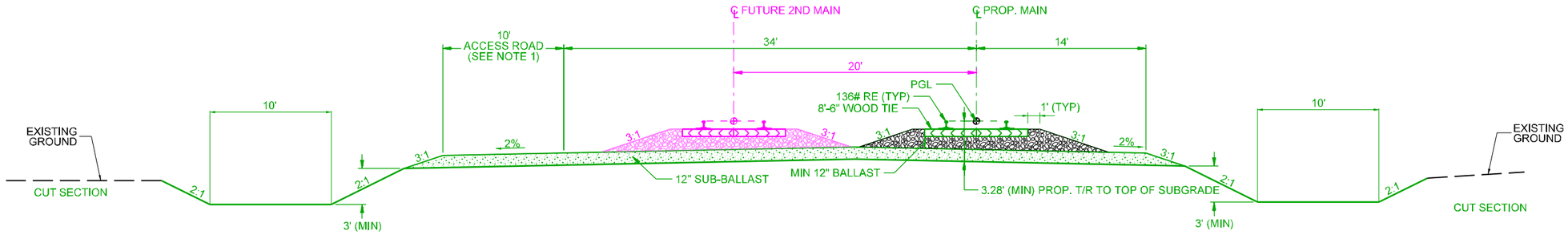
UNION PACIFIC RAILROAD

LGT MAINLINE EXTENSION

LOCATION & DESCRIPTION:
30% Design
NOGC RR Terminus (MP 24) to Future Gateway Terminal (MP 33)
Plaquemines Parish, LA

SHEET TITLE:
LGT TRACK TYPICAL SECTIONS

Color table:
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10/18/2022

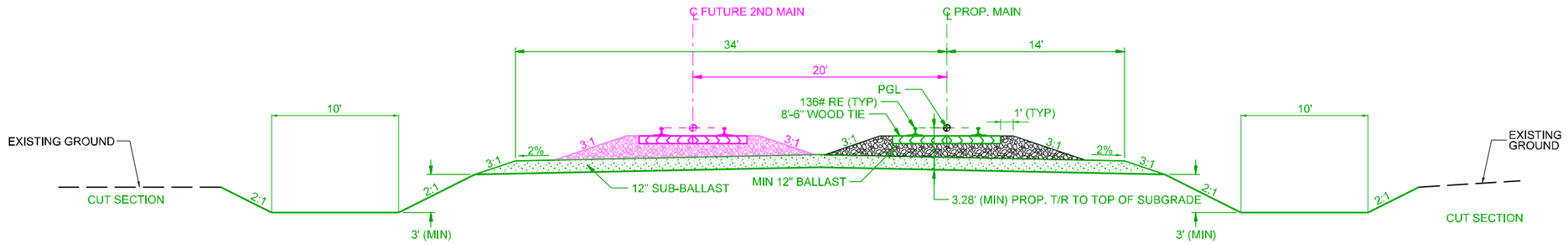


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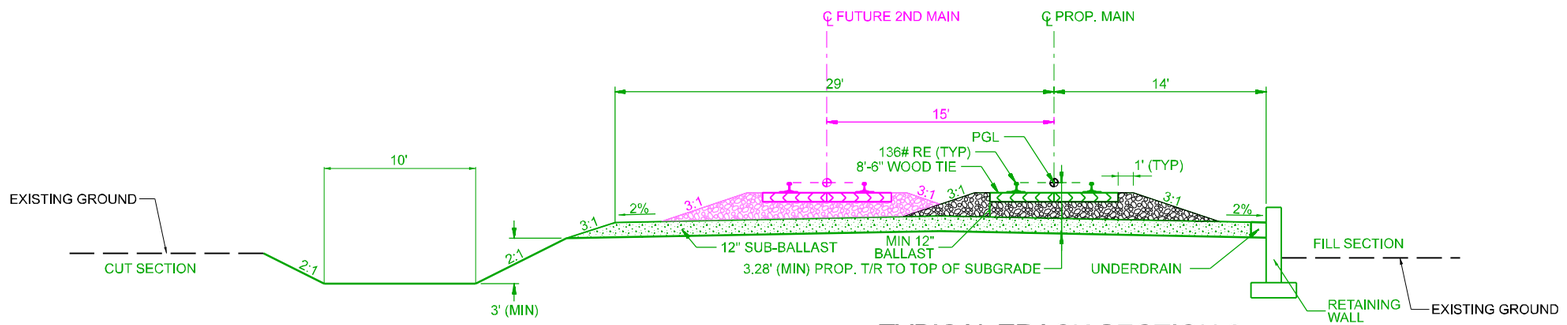
1) 18' WIDE PAVED ACCESS ROAD BETWEEN STA 40+05 AND 95+41.

2) FUTURE BUILD OUT TRACK CENTERS VARY 19.59' - 20' FROM STA 419+00 TO STA 420+06.

TYPICAL TRACK SECTION 4:
10' DITCHES AND ACCESS ROAD LEFT
STA 71+74 TO STA 184+50
STA 247+00 TO STA 255+30
STA 354+99 TO STA 393+49
STA 419+00 TO STA 474+92 (SEE NOTE 2)



TYPICAL TRACK SECTION 5:
10' DITCHES AND NO ACCESS ROAD
STA 184+50 TO STA 195+00



TYPICAL TRACK SECTION 6:
10' DITCH LEFT, NO ACCESS ROAD, RETAINING WALL RIGHT
STA 195+00 TO STA 208+30

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REV. #	BY	DATE	DESCRIPTION
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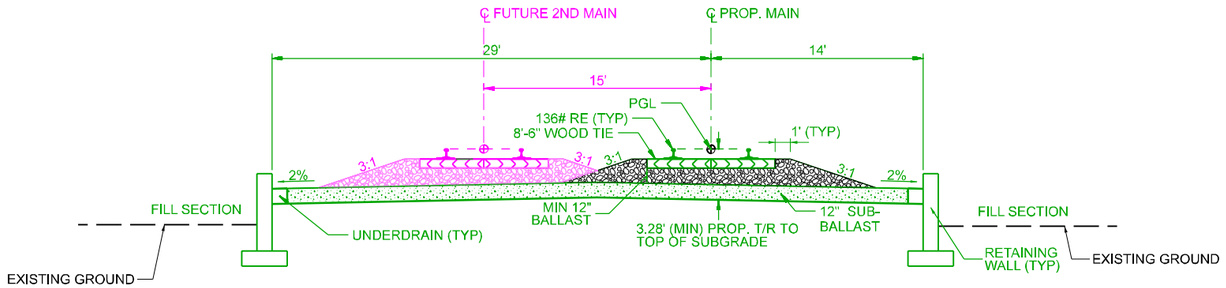
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BUDGET REF:
SHEET NUMBER T002 of 006

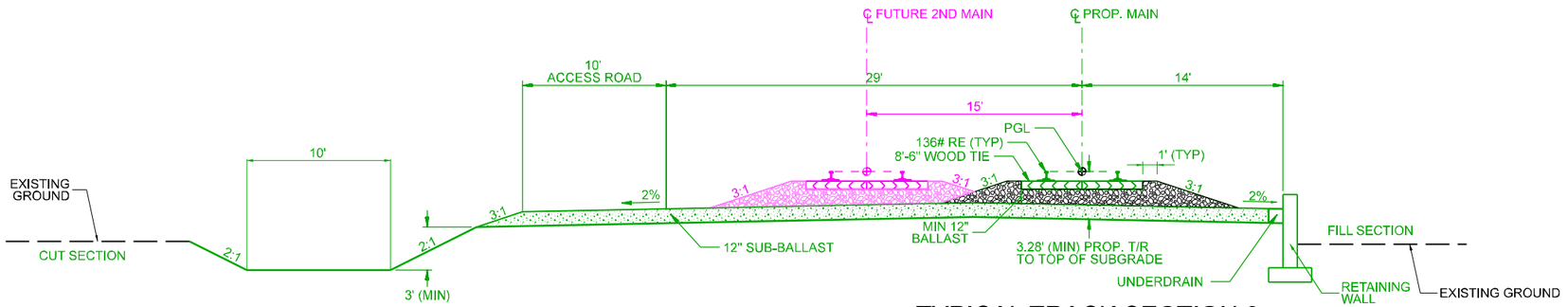
UNION PACIFIC RAILROAD
LGT MAINLINE EXTENSION
LOCATION & DESCRIPTION:
30% Design
NOGC RR Terminus (MP 24) to Future Gateway Terminal (MP 33)
Plaquemines Parish, LA
SHEET TITLE:
LGT TRACK TYPICAL SECTIONS

pw://HDR_PW_DTSNME///

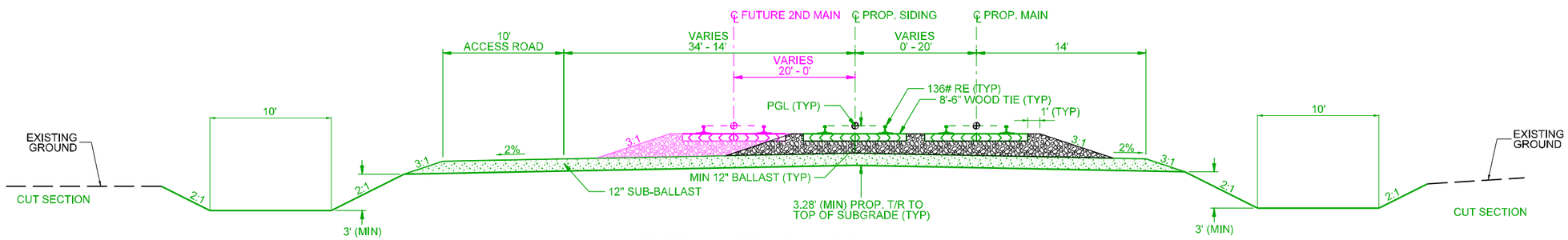
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TYPICAL TRACK SECTION 7:
NO DITCH, NO ACCESS ROAD, RETAINING WALL LEFT AND RIGHT
STA 208+30 TO STA 239+30



TYPICAL TRACK SECTION 8:
10' DITCH LEFT, ACCESS ROAD LEFT, RETAINING WALL RIGHT
STA 239+30 TO STA 247+00



TYPICAL TRACK SECTION 9:
TURNOUT FOR PROP. SIDING DIVERGING FROM PROP. MAIN
10' DITCHES, ACCESS ROAD LEFT
STA 255+30 TO STA 258+33

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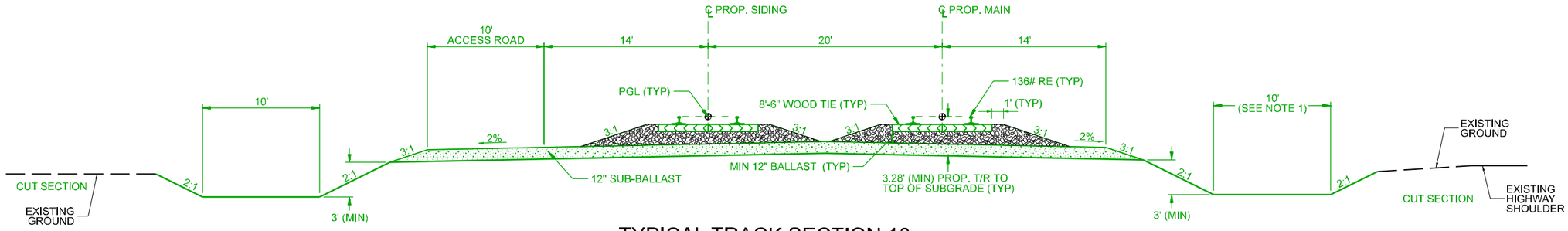
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UNION PACIFIC RAILROAD
LGT MAINLINE EXTENSION
LOCATION & DESCRIPTION:
30% Design
NOGC RR Terminus (MP 24) to Future Gateway Terminal (MP 33)
Plaquemines Parish, LA
SHEET TITLE:
LGT TRACK TYPICAL SECTIONS

Color table:
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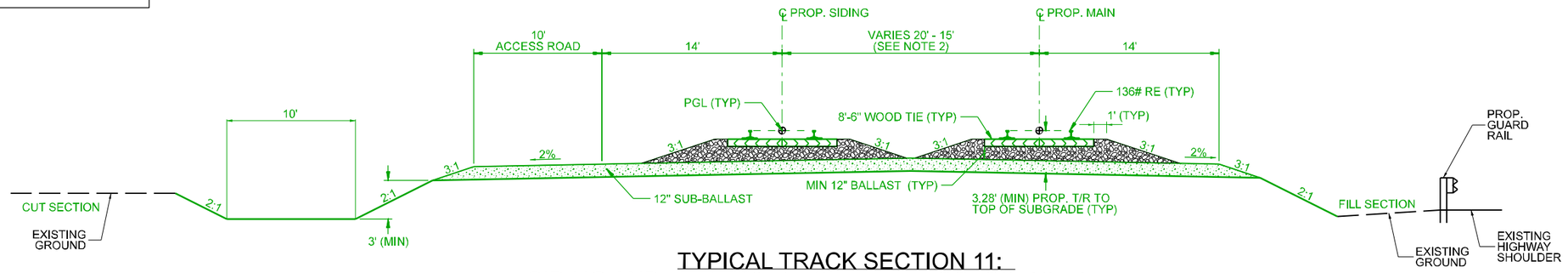


TYPICAL TRACK SECTION 10:
SIDING AND MAIN, 10' DITCHES, ACCESS ROAD LEFT
STA 258+33 TO STA 317+08

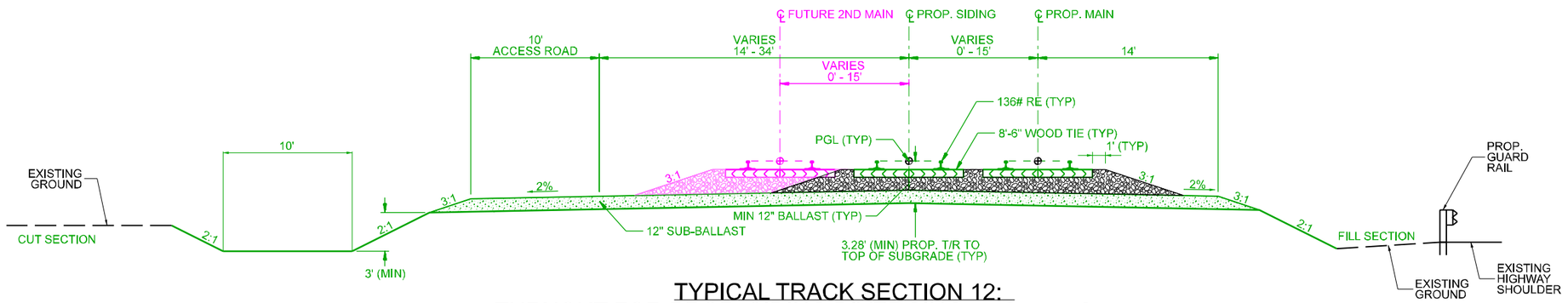
NOTES:

1) NO DITCH ON RIGHT BETWEEN STA 314+50 TO STA 317+08.

2) TRACK CENTERS VARY BETWEEN 20'-15' ONLY FROM STA 317+08 TO STA 322+62. 15' TRACK CENTERS FROM STA 322+62 TO 330+33.



TYPICAL TRACK SECTION 11:
SIDING AND MAIN, 10' DITCH LEFT, ACCESS ROAD LEFT
STA 317+08 TO STA 326+16
STA 326+53 TO STA 330+33



TYPICAL TRACK SECTION 12:
TURNOUT FOR PROP. SIDING DIVERGING FROM PROP. MAIN
10' DITCH LEFT, ACCESS ROAD LEFT
STA 330+33 TO STA 332+81

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REV. #	BY	DATE	DESCRIPTION
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UNION PACIFIC RAILROAD

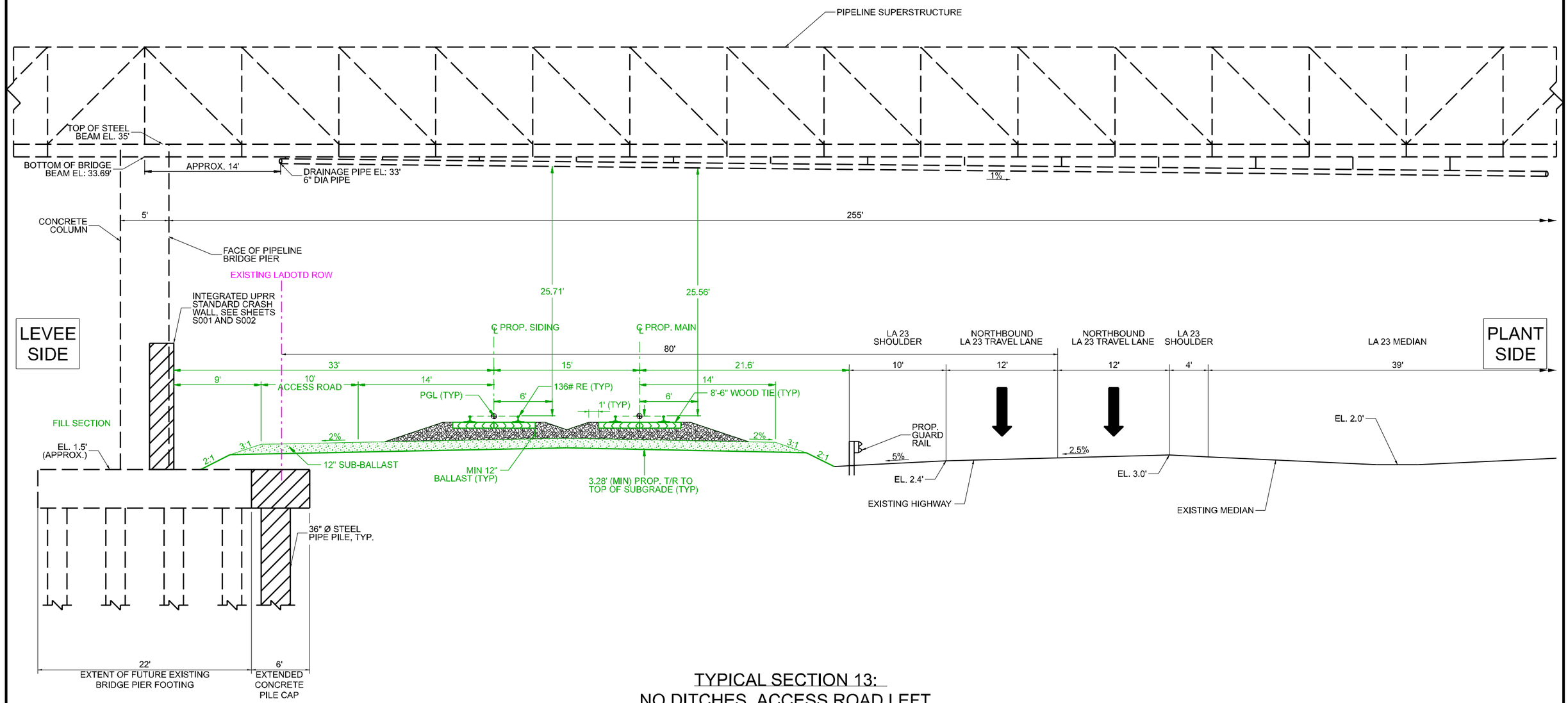
LGT MAINLINE EXTENSION

LOCATION & DESCRIPTION:
30% Design
NOGC RR Terminus (MP 24) to Future Gateway Terminal (MP 33)
Plaquemines Parish, LA

SHEET TITLE:
LGT TRACK TYPICAL SECTIONS

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Color table:
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10/5/2022



TYPICAL SECTION 13:
NO DITCHES, ACCESS ROAD LEFT
UNDER PIPELINE BRIDGE - ADJACENT TO LA 23 HIGHWAY
STA 326+16 TO STA 326+53

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SHEET NUMBER	T005 of 006

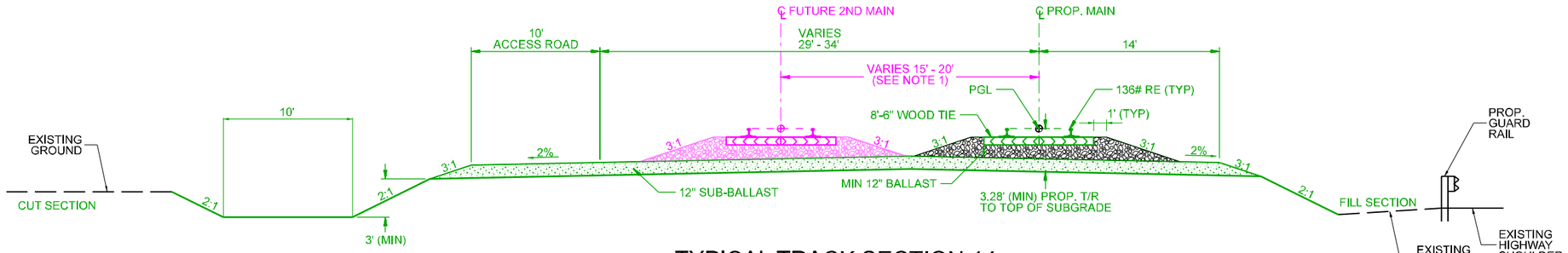
UNION PACIFIC RAILROAD

LGT MAINLINE EXTENSION

LOCATION & DESCRIPTION:
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SHEET TITLE:
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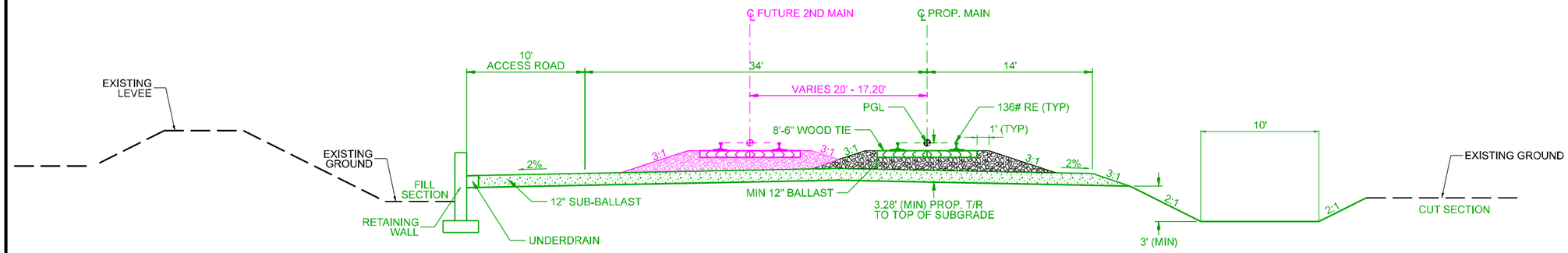


TYPICAL TRACK SECTION 14:
10' DITCH LEFT, ACCESS ROAD LEFT
STA 332+81 TO STA 354+99

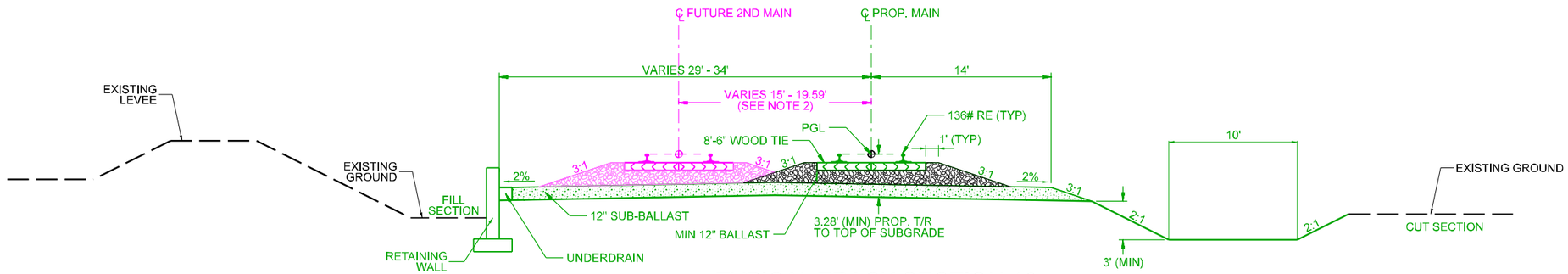
NOTES:

1) FUTURE BUILD OUT TRACK CENTERS AT 15' FROM STA 332+81 TO STA 347+05.
FUTURE BUILD OUT TRACK CENTERS VARY 15' - 20' FROM STA 347+05 TO STA 354+99.

2) FUTURE BUILD OUT TRACK CENTERS VARY 17.20' - 15' FROM STA 397+77 TO STA 400+71.
FUTURE BUILD OUT TRACK CENTERS AT 15' FROM STA 400+71 TO STA 411+70.
FUTURE BUILD OUT TRACK CENTERS VARY 15' - 19.59' FROM STA 411+70 TO STA 419+00.



TYPICAL TRACK SECTION 15:
10' DITCH RIGHT, ACCESS ROAD LEFT, RETAINING WALL LEFT
STA 393+49 TO STA 397+77



TYPICAL TRACK SECTION 16:
10' DITCH RIGHT, NO ACCESS ROAD, RETAINING WALL LEFT
STA 397+77 TO STA 419+00

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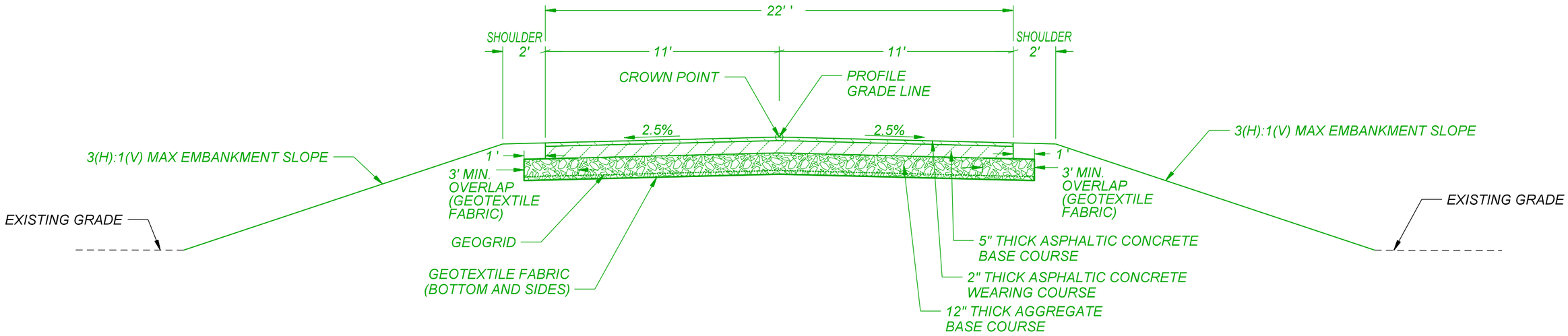
UNION PACIFIC RAILROAD

LGT MAINLINE EXTENSION

LOCATION & DESCRIPTION:
30% Design
NOGC RR Terminus (MP 24) to Future Gateway Terminal (MP 33)
Plaquemines Parish, LA

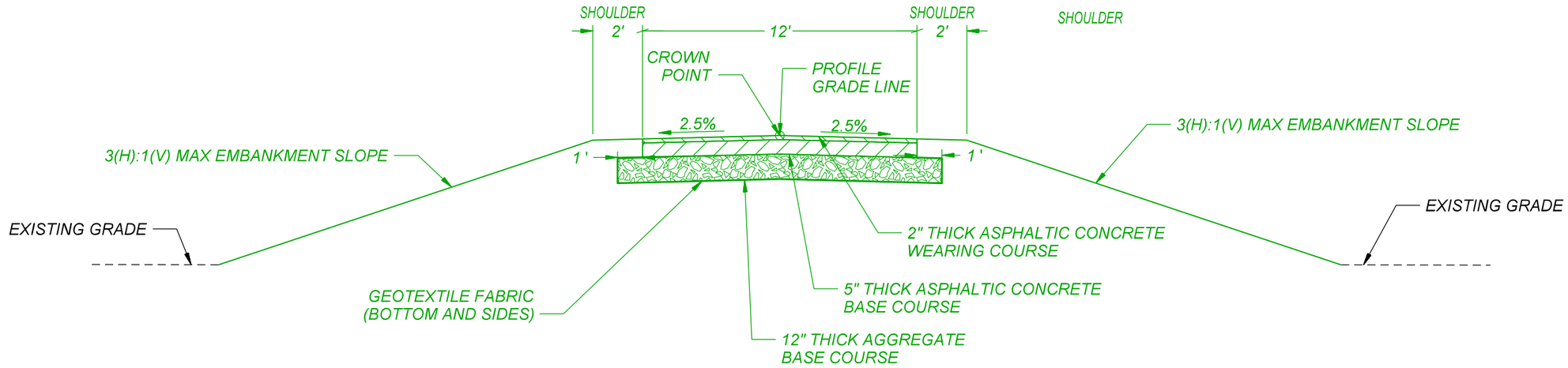
SHEET TITLE:
LGT TRACK TYPICAL SECTIONS

Color table:
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Default
10/5/2022



PROPOSED ROADWAY TYPICAL SECTION

N.T.S.



PROPOSED 12' DRIVEWAY TYPICAL SECTION

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REV. #	BY	DATE	DESCRIPTION
REV05		08/10/2022	
REV05.1		09/07/2022	
REV06		09/30/2022	

LEGEND:
- EXIST. TRACK
- PROPOSED TRACK
- FUTURE TRACK
- SHOOFLY TRACK
- SHIFT TRACK
- RETIRE TRACK
- GIS R/W BOUNDARY

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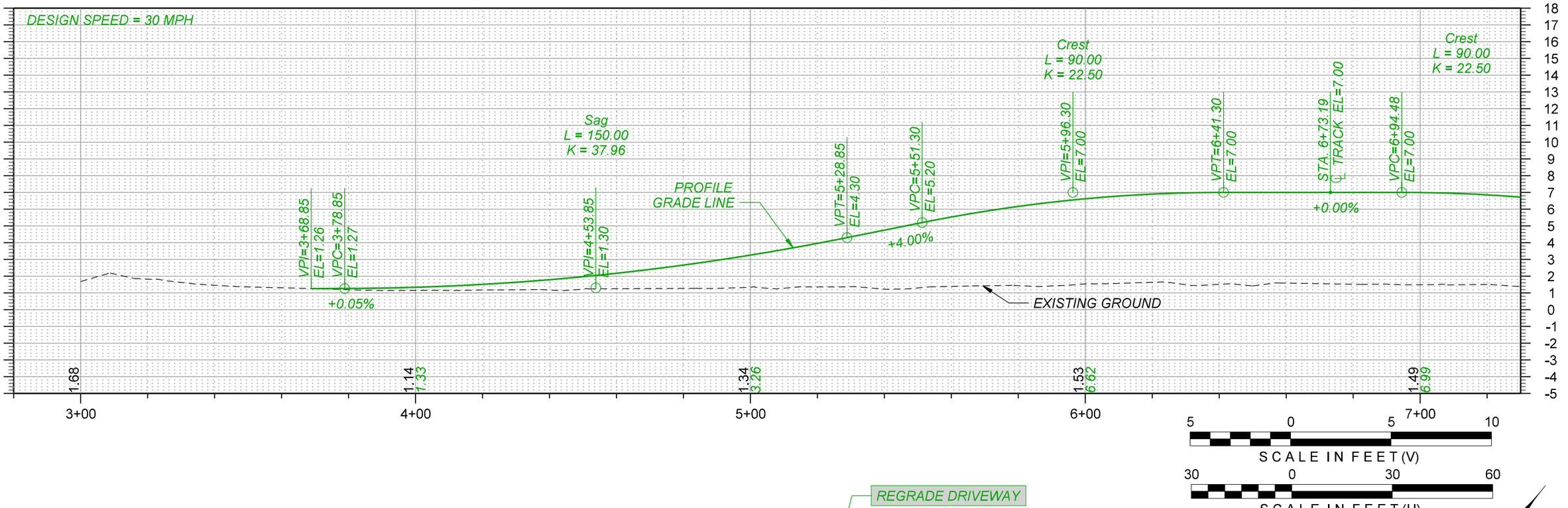
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DATE:	11/02/2022
SCALE:	NTS
WORK ORDER:	
PID:	
BUDGET REF:	
SHEET NUMBER	R001 of 014

UNION PACIFIC RAILROAD

LOCATION & DESCRIPTION:
30% Design
NOGC RR Terminus (MP 24) to Future Gateway Terminal (MP 33)
Plaquemines Parish, LA

SHEET TITLE:
ROADWAY TYPICAL SECTION

Color table:
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Ironton1 - Ironton [Sheet]
11/3/2022



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REV. #	BY	DATE	DESCRIPTION
REV05		08/10/2022	
REV05.1		09/07/2022	
REV06		09/30/2022	

LEGEND:
- EXIST. TRACK
- PROPOSED TRACK
- FUTURE TRACK
- SHOOFLY TRACK
- SHIFT TRACK
- RETIRE TRACK
- GIS R/W BOUNDARY

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DATE:	11/02/2022
SCALE:	AS SHOWN
WORK ORDER:	
PID:	
BUDGET REF:	
SHEET NUMBER	R002 of 014

UNION PACIFIC RAILROAD

LOCATION & DESCRIPTION:
30% Design
NOGC RR Terminus (MP 24) to Future Gateway Terminal (MP 33)
Plaquemines Parish, LA

SHEET TITLE:
ROADWAY PLAN & PROFILE: IRONTON ROAD

Color table:
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11/4/2022

DESIGN SPEED = 30 MPH

Crest
L = 90.00
K = 22.50

VPI=7+39.48
EL=7.00

VPI=7+84.48
EL=5.20

VPC=8+03.61
EL=4.43

-4.00%

Sag
L = 145.00
K = 37.31

PROFILE GRADE LINE

EXISTING GROUND

VPI=8+76.11
EL=1.53

VPT=9+48.61
EL=1.45

VPI=9+64.95
EL=1.43

-0.11%

1.45
4.58

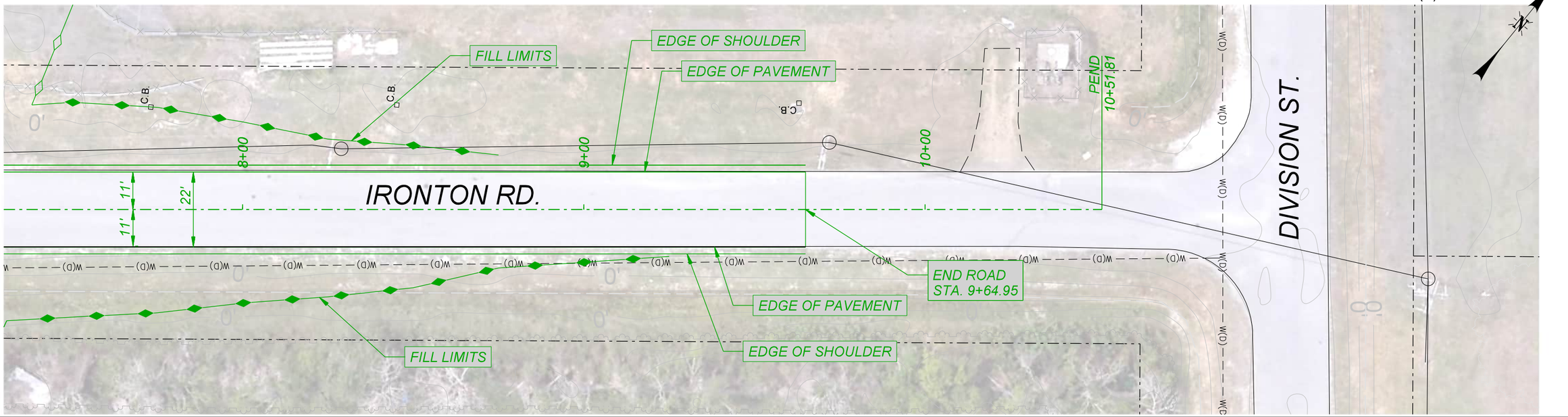
1.49
1.82

1.36

8+00 9+00 10+00

SCALE IN FEET (V)
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SCALE IN FEET (H)
30 0 30 60



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REV. #	BY	DATE	DESCRIPTION
REV05		08/10/2022	
REV05.1		09/07/2022	
REV06		09/30/2022	

LEGEND:
- EXIST. TRACK
- PROPOSED TRACK
- FUTURE TRACK
- SHOOFLY TRACK
- SHIFT TRACK
- RETIRE TRACK
- GIS R/W BOUNDARY

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DATE:	11/02/2022
SCALE:	AS SHOWN
WORK ORDER:	
PID:	
BUDGET REF:	
SHEET NUMBER	R003 of 014

UNION PACIFIC RAILROAD

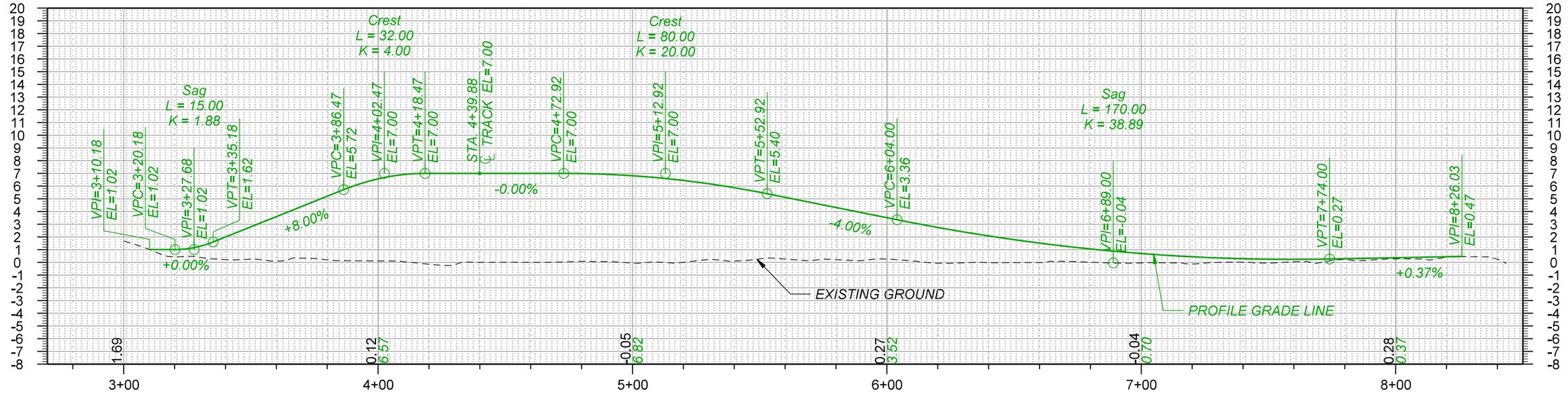
LOCATION & DESCRIPTION:
30% Design
NOGC RR Terminus (MP 24) to Future Gateway Terminal (MP 33)
Plaquemines Parish, LA

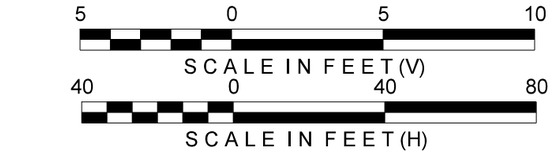
SHEET TITLE:
ROADWAY PLAN & PROFILE: IRONTON ROAD

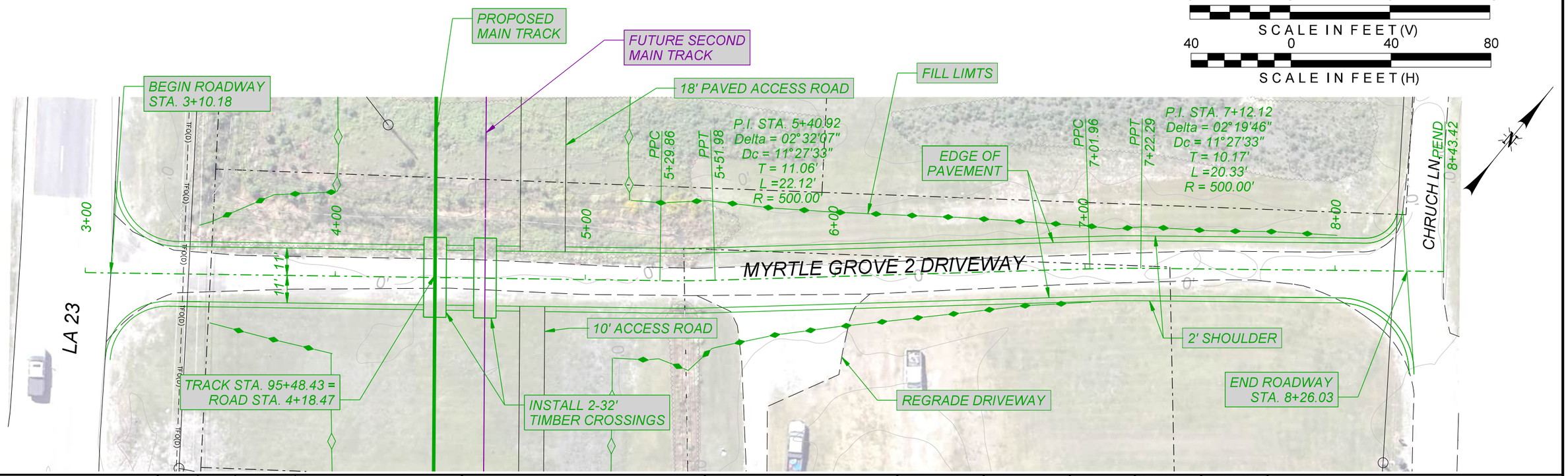
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11/4/2022







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REV. #	BY	DATE	DESCRIPTION
REV05		08/10/2022	
REV05.1		09/07/2022	
REV06		09/30/2022	

LEGEND:
- EXIST. TRACK
- PROPOSED TRACK
- FUTURE TRACK
- SHOOFLY TRACK
- SHIFT TRACK
- RETIRE TRACK
- GIS R/W BOUNDARY

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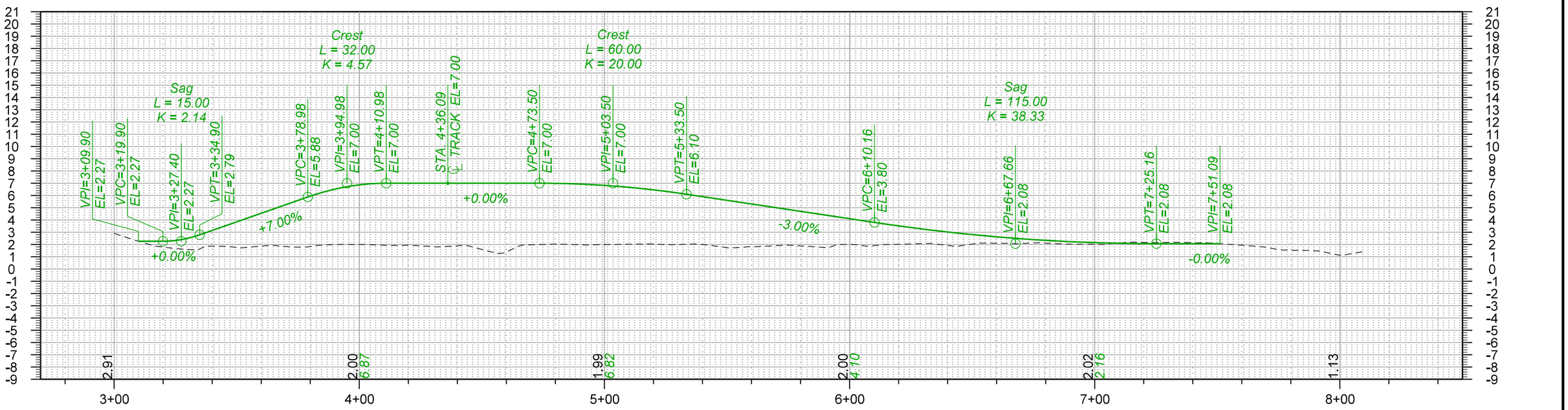
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DATE:	11/02/2022
SCALE:	AS SHOWN
WORK ORDER:	
PID:	
BUDGET REF:	
SHEET NUMBER	R004 of 014

UNION PACIFIC RAILROAD

LOCATION & DESCRIPTION:
30% Design
NOGC RR Terminus (MP 24) to Future Gateway Terminal (MP 33)
Plaquemines Parish, LA

SHEET TITLE:
ROADWAY PLAN & PROFILE: MYRTLE GROVE 2 DRIVEWAY

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11/4/2022



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REV. #	BY	DATE	DESCRIPTION
REV05		08/10/2022	
REV05.1		09/07/2022	
REV06		09/30/2022	

LEGEND:
- EXIST. TRACK
- PROPOSED TRACK
- FUTURE TRACK
- SHOOFLY TRACK
- SHIFT TRACK
- RETIRE TRACK
- GIS R/W BOUNDARY

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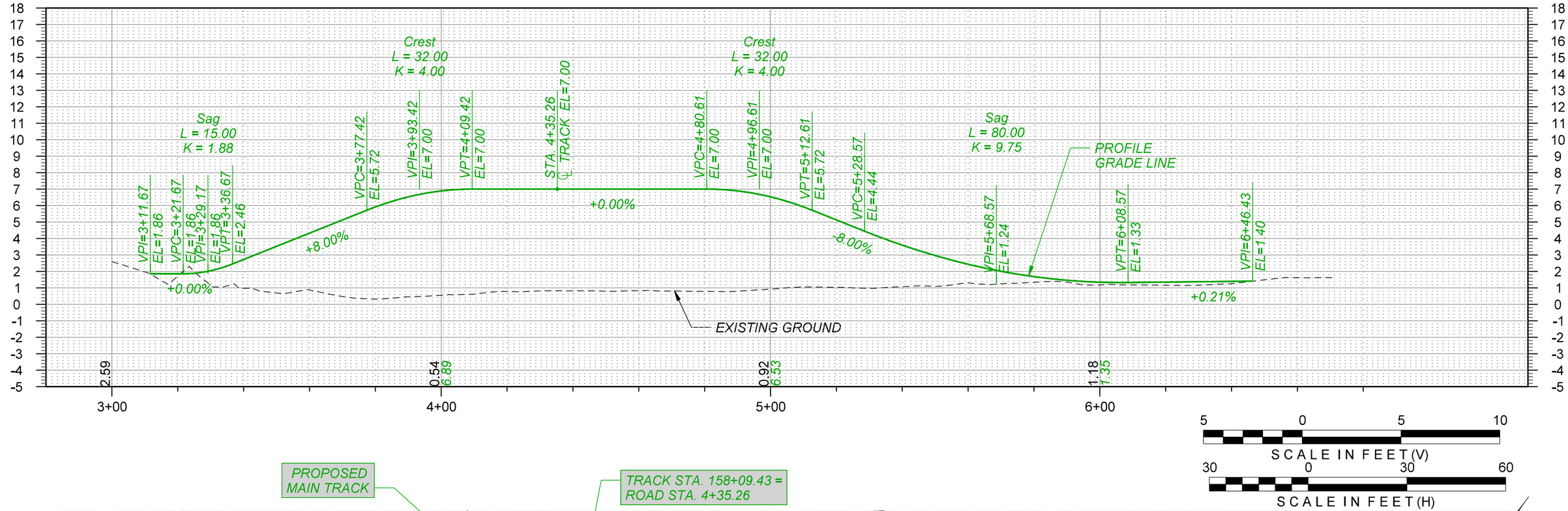
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SCALE:	AS SHOWN
WORK ORDER:	
PID:	
BUDGET REF:	
SHEET NUMBER	R005 of 014

UNION PACIFIC RAILROAD

LOCATION & DESCRIPTION:
30% Design
NOGC RR Terminus (MP 24) to Future Gateway Terminal (MP 33)
Plaquemines Parish, LA

SHEET TITLE:
ROADWAY PLAN & PROFILE: MYRTLE GROVE ROAD



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REV. #	BY	DATE	DESCRIPTION
REV05		08/10/2022	
REV05.1		09/07/2022	
REV06		09/30/2022	

LEGEND:
- EXIST. TRACK
- PROPOSED TRACK
- FUTURE TRACK
- SHOOFLY TRACK
- SHIFT TRACK
- RETIRE TRACK
- GIS R/W BOUNDARY

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DATE: 11/02/2022
SCALE: AS SHOWN
WORK ORDER:
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BUDGET REF:
SHEET NUMBER: R006 of 014

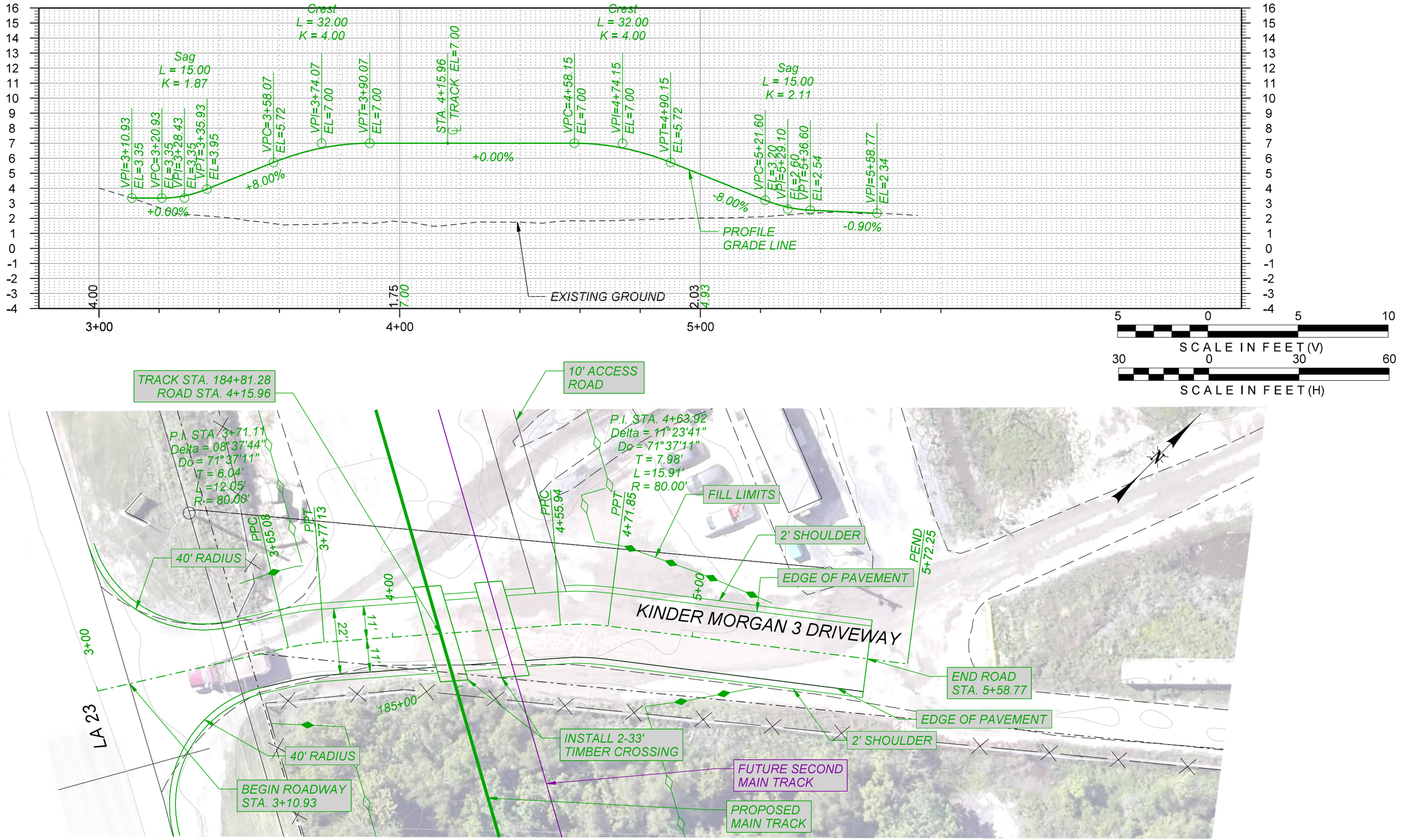
UNION PACIFIC RAILROAD

LOCATION & DESCRIPTION:
30% Design
NOGC RR Terminus (MP 24) to Future Gateway Terminal (MP 33)
Plaquemines Parish, LA

SHEET TITLE:
ROADWAY PLAN & PROFILE: KINDER MORGAN 2 DRIVEWAY

Color table:
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11/4/2022

pw://HDR_PW_DTSNME///



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REV. #	BY	DATE	DESCRIPTION
REV05		08/10/2022	
REV05.1		09/07/2022	
REV06		09/30/2022	

LEGEND:
- EXIST. TRACK
- PROPOSED TRACK
- FUTURE TRACK
- SHOOFLY TRACK
- SHIFT TRACK
- RETIRE TRACK
- GIS R/W BOUNDARY

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DATE:	11/02/2022
SCALE:	AS SHOWN
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BUDGET REF:	
SHEET NUMBER	R007 of 014

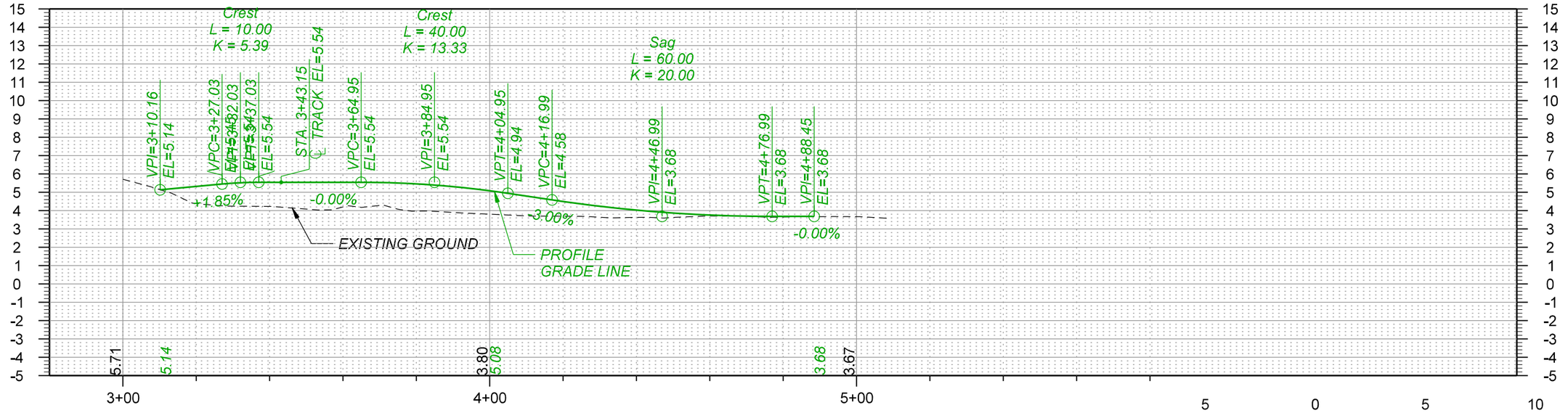
UNION PACIFIC RAILROAD

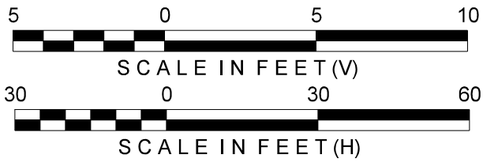
LOCATION & DESCRIPTION:
30% Design
NOGC RR Terminus (MP 24) to Future Gateway Terminal (MP 33)
Plaquemines Parish, LA

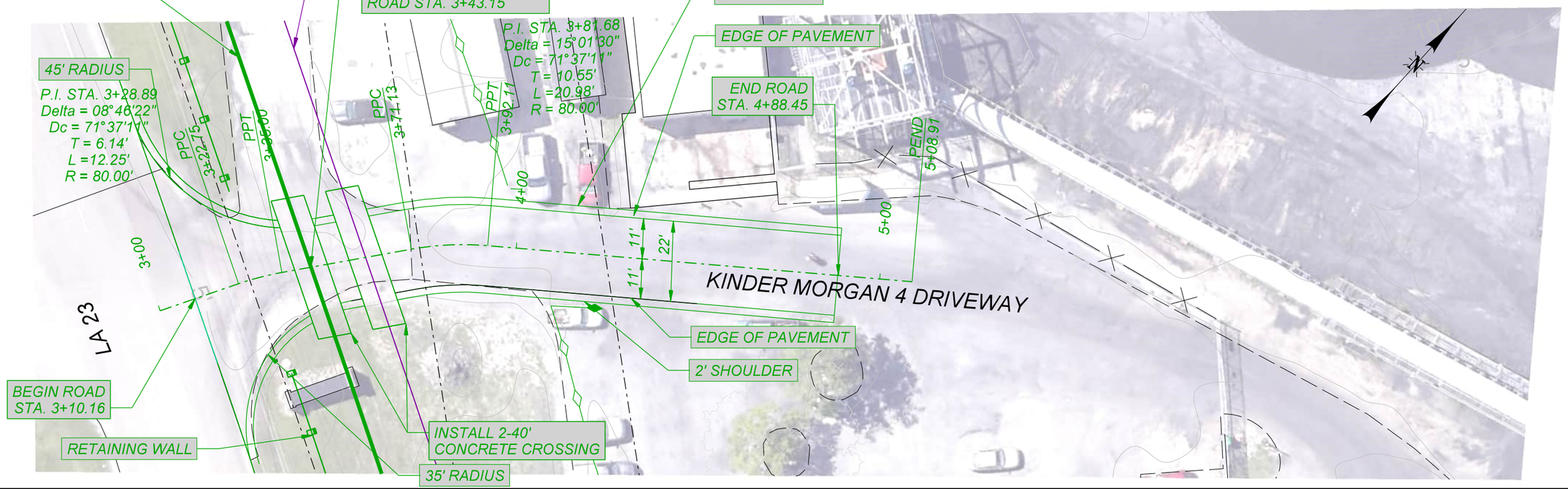
SHEET TITLE:
ROADWAY PLAN & PROFILE: KINDER MORGAN 3 DRIVEWAY

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Color table:
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11/4/2022







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REV. #	BY	DATE	DESCRIPTION
REV05		08/10/2022	
REV05.1		09/07/2022	
REV06		09/30/2022	

LEGEND:
- EXIST. TRACK
- PROPOSED TRACK
- FUTURE TRACK
- SHOOFLY TRACK
- SHIFT TRACK
- RETIRE TRACK
- GIS R/W BOUNDARY

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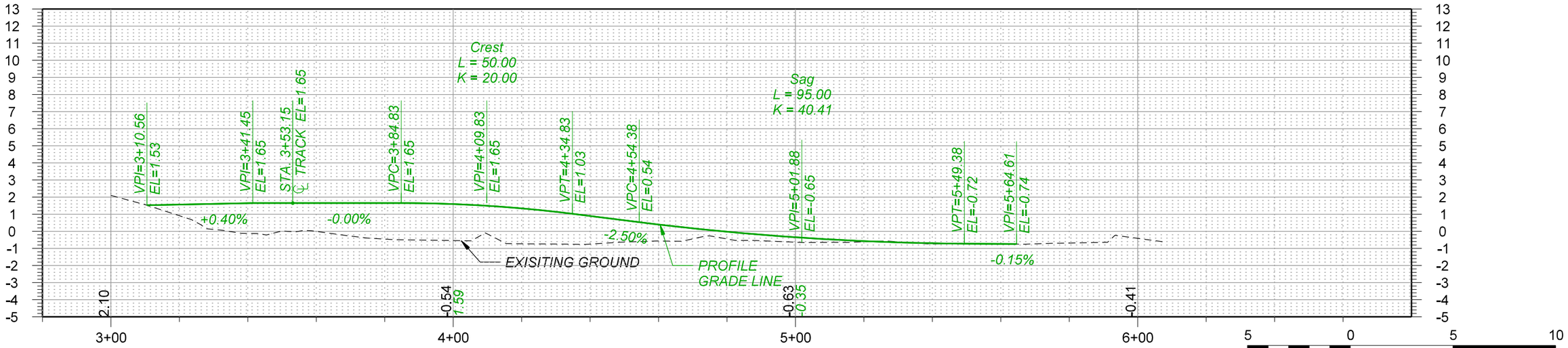
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BUDGET REF:	
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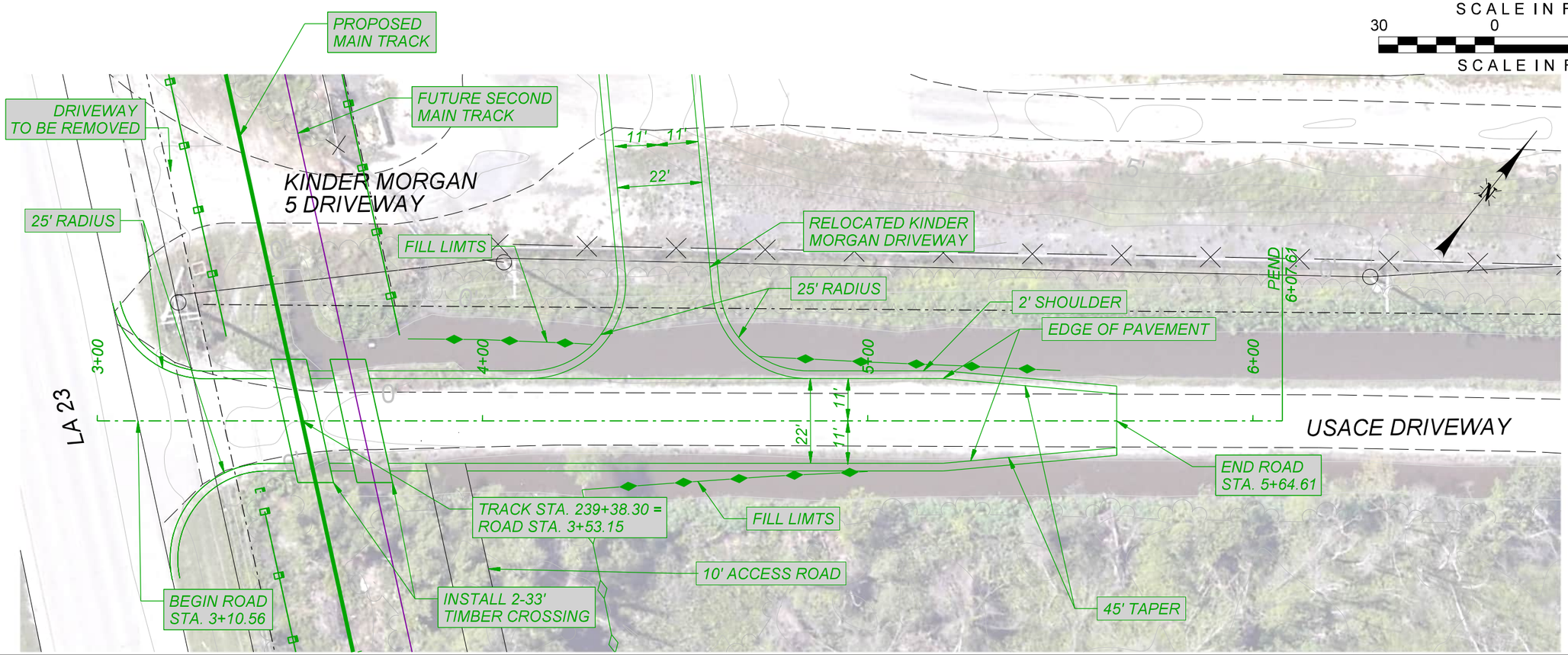
UNION PACIFIC RAILROAD

LOCATION & DESCRIPTION:
30% Design
NOGC RR Terminus (MP 24) to Future Gateway Terminal (MP 33)
Plaquemines Parish, LA

SHEET TITLE:
ROADWAY PLAN & PROFILE: KINDER MORGAN 4 DRIVEWAY

Color table:
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11/4/2022





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REV. #	BY	DATE	DESCRIPTION
REV05		08/10/2022	
REV05.1		09/07/2022	
REV06		09/30/2022	

LEGEND:
- EXIST. TRACK
- PROPOSED TRACK
- FUTURE TRACK
- SHOOFLY TRACK
- SHIFT TRACK
- RETIRE TRACK
- GIS R/W BOUNDARY

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UNION PACIFIC

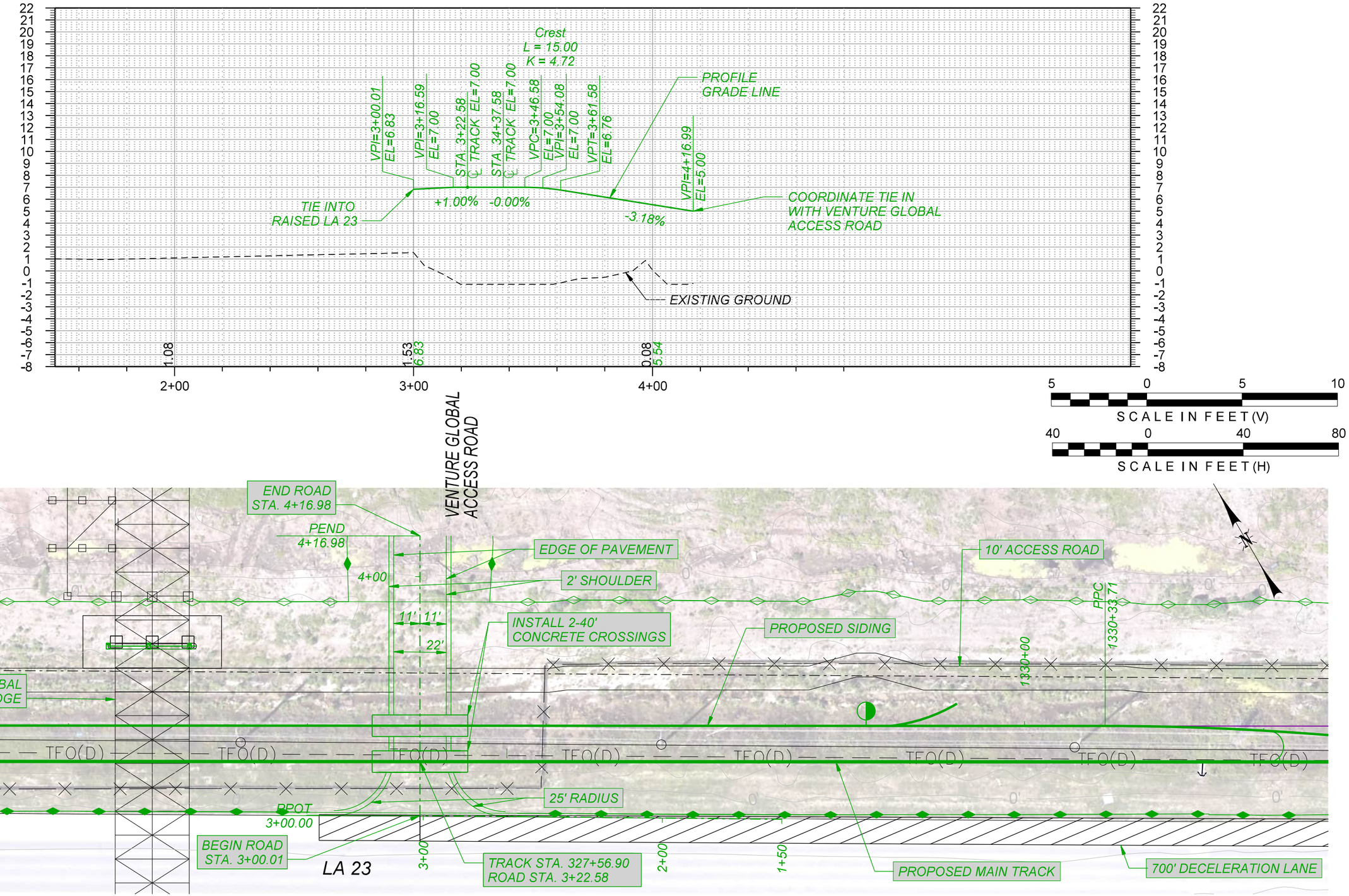
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SCALE:	AS SHOWN
WORK ORDER:	
PID:	
BUDGET REF:	
SHEET NUMBER	R009 of 014

UNION PACIFIC RAILROAD

LOCATION & DESCRIPTION:
30% Design
NOGC RR Terminus (MP 24) to Future Gateway Terminal (MP 33)
Plaquemines Parish, LA

SHEET TITLE:
ROADWAY PLAN & PROFILE: USACE DRIVEWAY

Color table:
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KINDER MORGAN GRAVEL - Plan 1 [Sheet]
11/4/2022



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REV. #	BY	DATE	DESCRIPTION
REV05		08/10/2022	
REV05.1		09/07/2022	
REV06		09/30/2022	

LEGEND:
- EXIST. TRACK
- PROPOSED TRACK
- FUTURE TRACK
- SHOOFLY TRACK
- SHIFT TRACK
- RETIRE TRACK
- GIS R/W BOUNDARY

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11/02/2022

UNION PACIFIC

DRAWN BY:	BCH
CHECKED BY:	NHE
DATE:	11/02/2022
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WORK ORDER:	
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BUDGET REF:	
SHEET NUMBER	R010 of 014

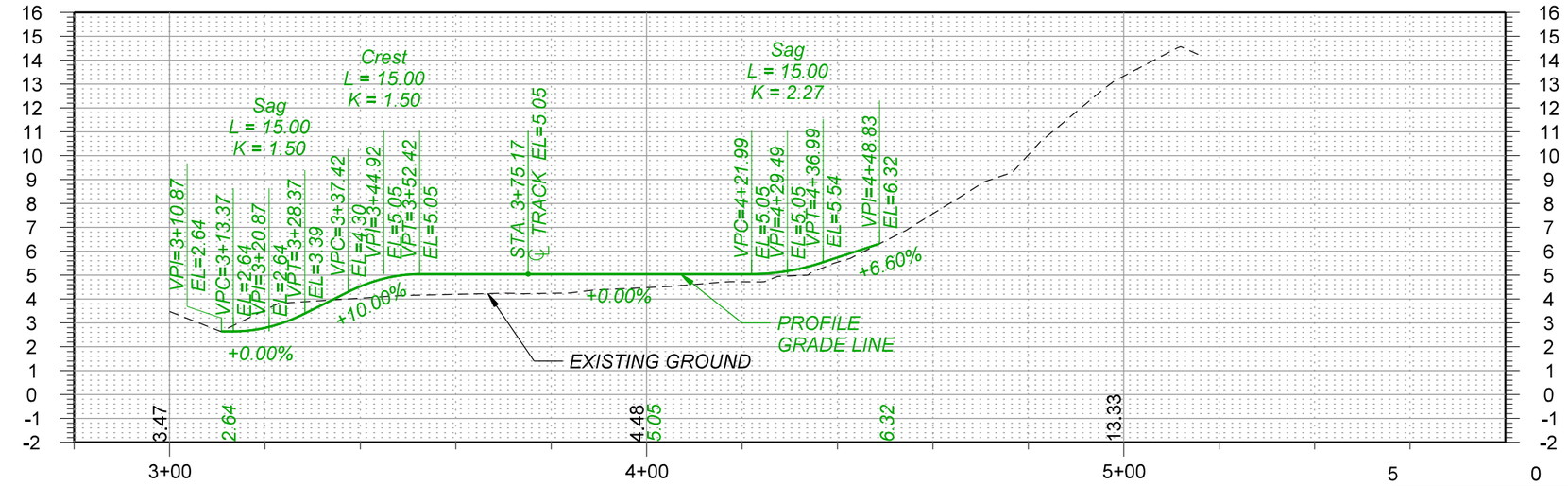
UNION PACIFIC RAILROAD

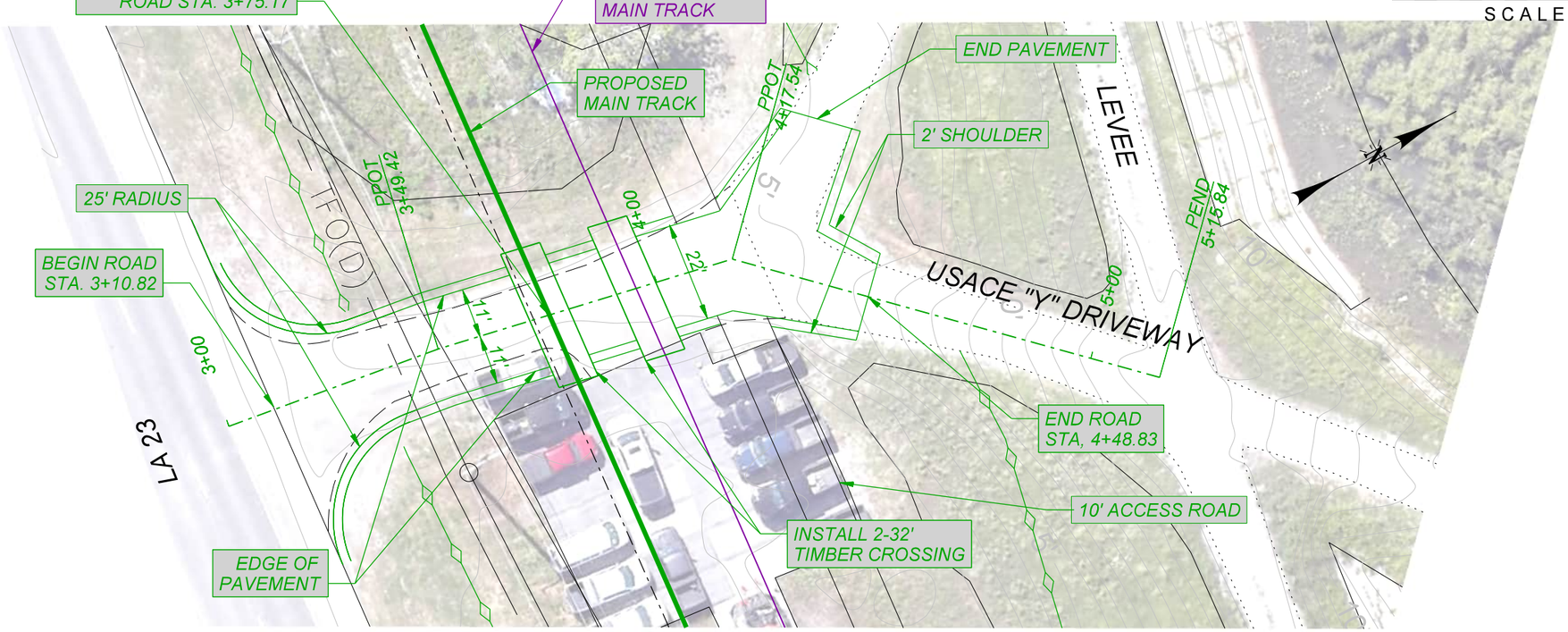
LOCATION & DESCRIPTION:
30% Design
NOGC RR Terminus (MP 24) to Future Gateway Terminal (MP 33)
Plaquemines Parish, LA

SHEET TITLE:
ROADWAY PLAN & PROFILE: VENTURE GLOBAL ACCESS ROAD

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Color table:
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11/4/2022





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REV. #	BY	DATE	DESCRIPTION
REV05		08/10/2022	
REV05.1		09/07/2022	
REV06		09/30/2022	

LEGEND:
- EXIST. TRACK
- PROPOSED TRACK
- FUTURE TRACK
- SHOOFLY TRACK
- SHIFT TRACK
- RETIRE TRACK
- GIS R/W BOUNDARY

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DRAWN BY:	BCH
CHECKED BY:	NHE
DATE:	11/02/2022
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PID:	
BUDGET REF:	
SHEET NUMBER	R011 of 014

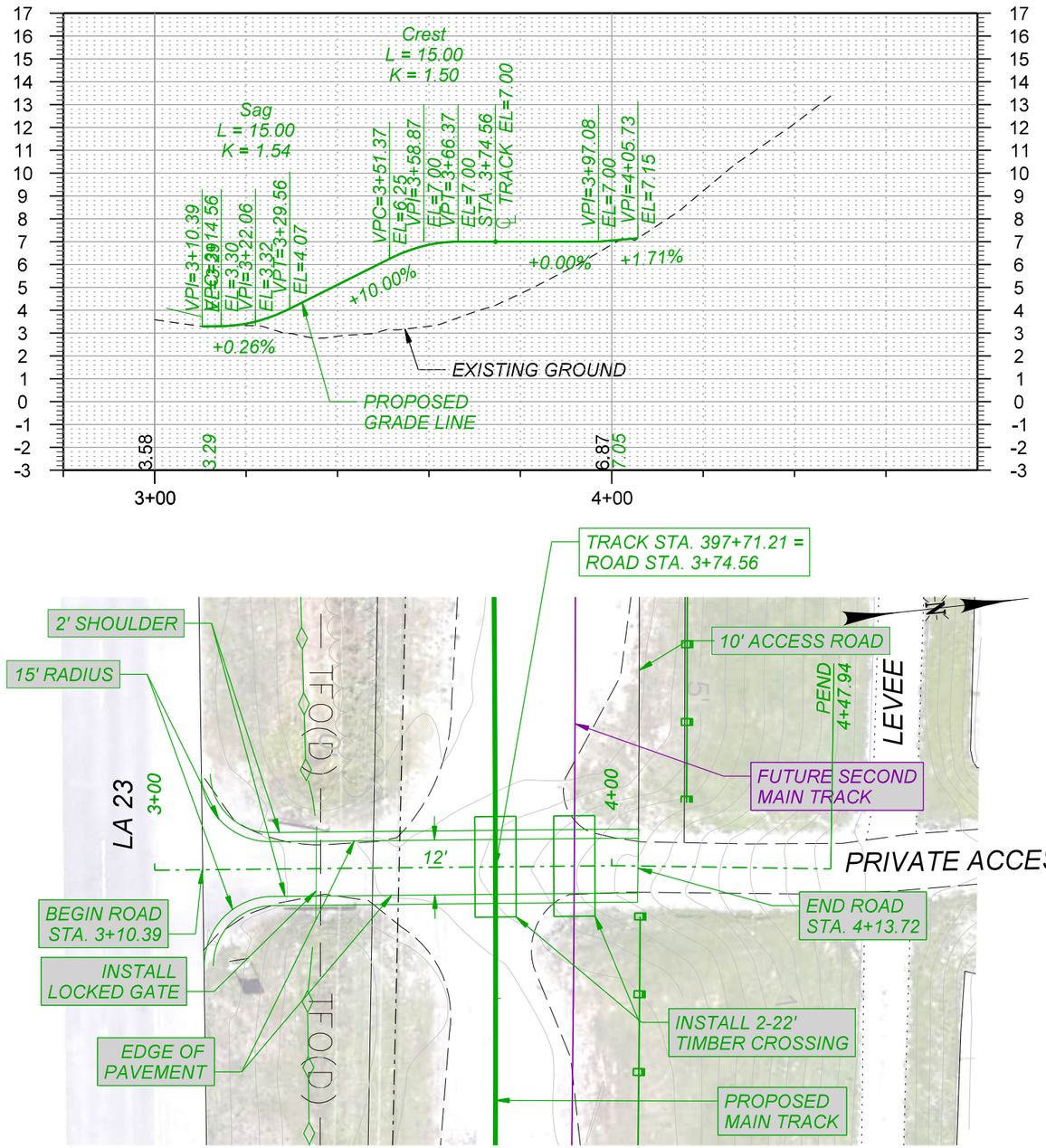
UNION PACIFIC RAILROAD

LOCATION & DESCRIPTION:
30% Design
NOGC RR Terminus (MP 24) to Future Gateway Terminal (MP 33)
Plaquemines Parish, LA

SHEET TITLE:
ROADWAY PLAN & PROFILE: USACE "Y" DRIVEWAY

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11/4/2022



5 0 5 10
SCALE IN FEET (V)

30 0 30 60
SCALE IN FEET (H)

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REV. #	BY	DATE	DESCRIPTION
REV05		08/10/2022	
REV05.1		09/07/2022	
REV06		09/30/2022	

LEGEND:
- EXIST. TRACK
- PROPOSED TRACK
- FUTURE TRACK
- SHOOFLY TRACK
- SHIFT TRACK
- RETIRE TRACK
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11/02/2022

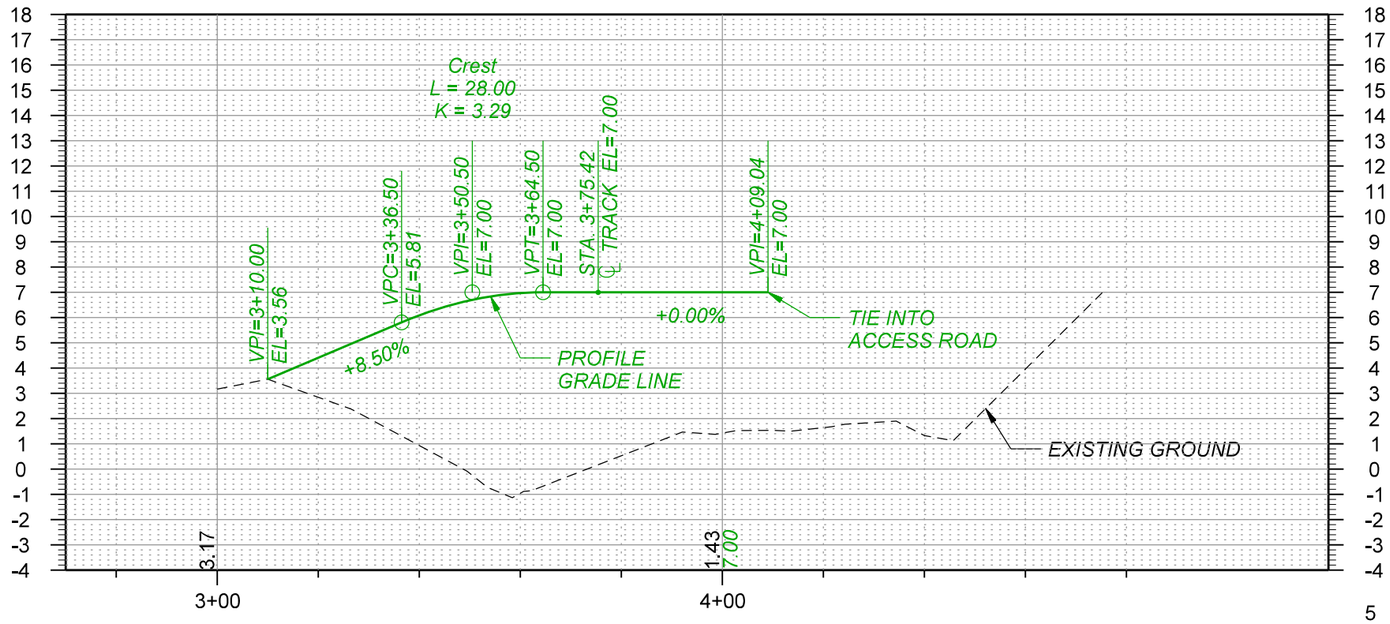
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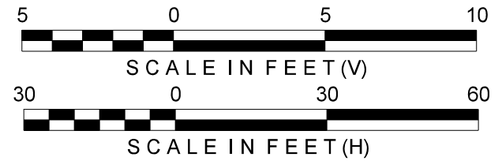
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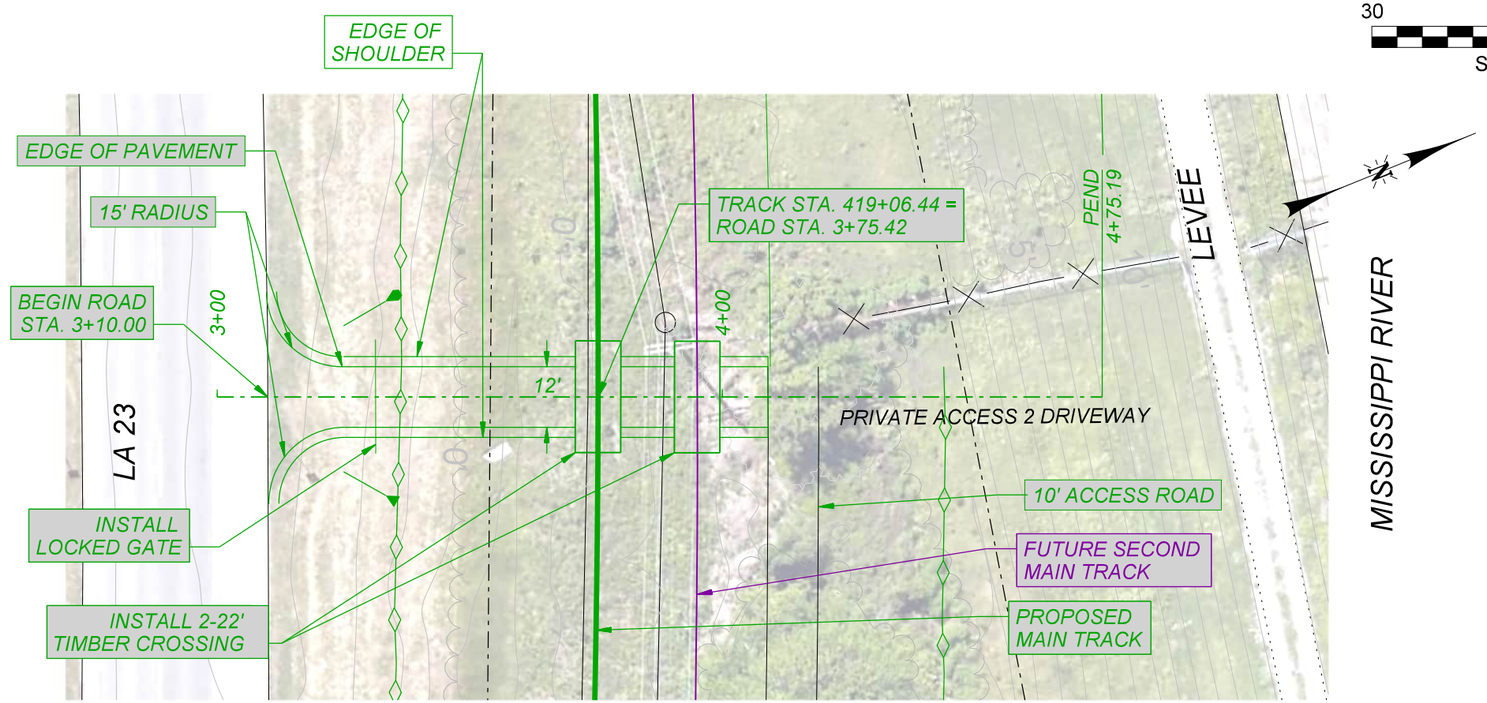
LOCATION & DESCRIPTION:
30% Design
NOGC RR Terminus (MP 24) to Future Gateway Terminal (MP 33)
Plaquemines Parish, LA

SHEET TITLE:
ROADWAY PLAN & PROFILE: PRIVATE ACCESS 1 DRIVEWAY

Color table:
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BC-4 - COMPANY-1 [Sheet]
11/4/2022







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REV. #	BY	DATE	DESCRIPTION
REV05		08/10/2022	
REV05.1		09/07/2022	
REV06		09/30/2022	

LEGEND:
- EXIST. TRACK
- PROPOSED TRACK
- FUTURE TRACK
- SHOOFLY TRACK
- SHIFT TRACK
- RETIRE TRACK
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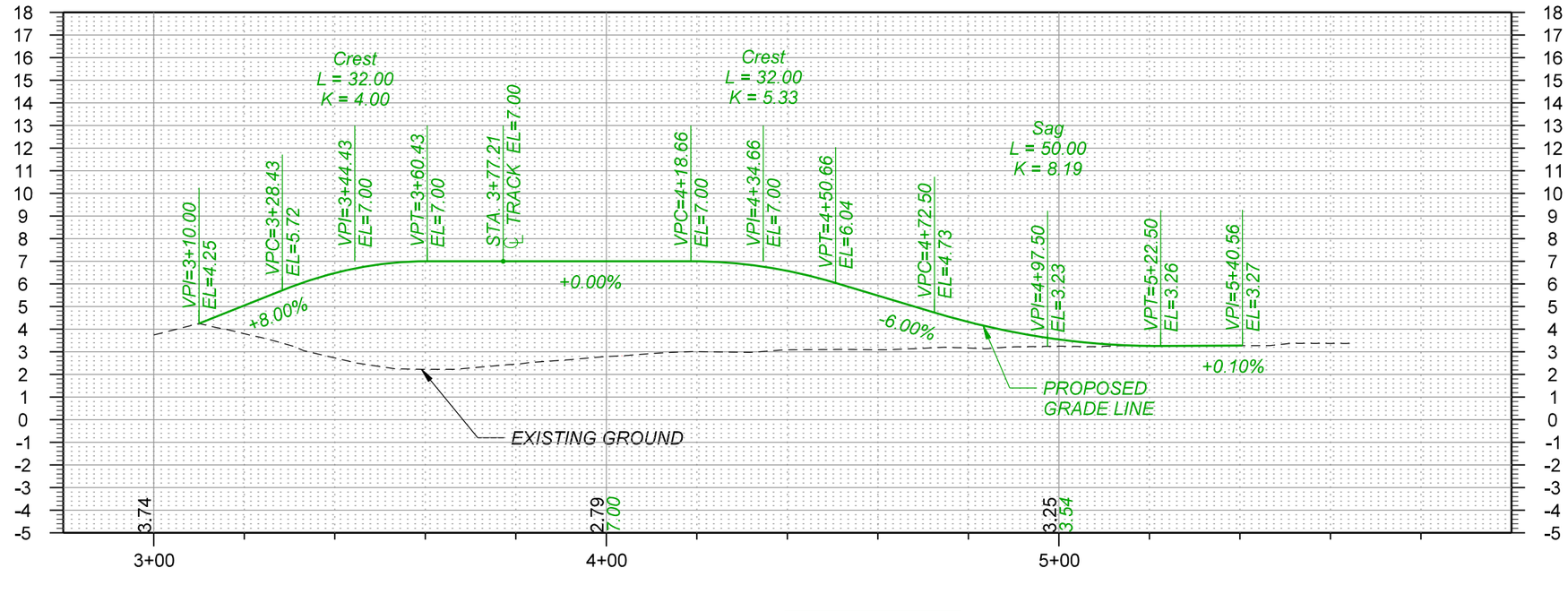
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SHEET NUMBER	R013 of 014

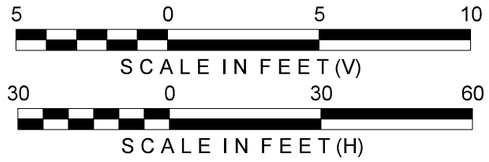
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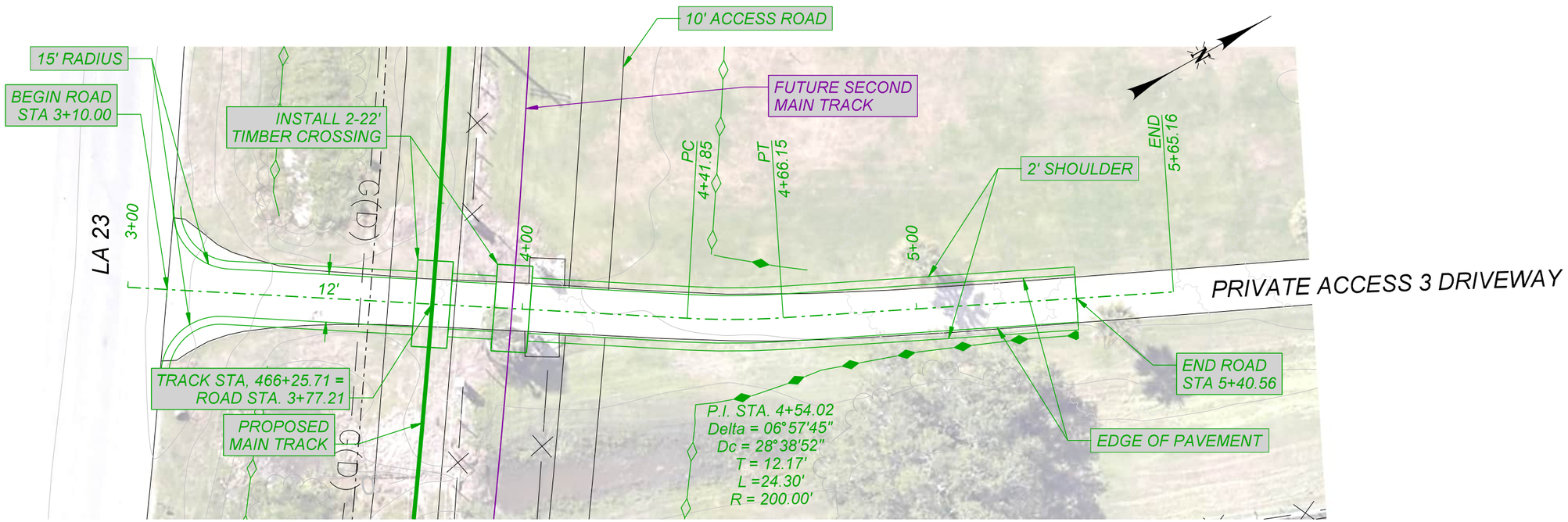
LOCATION & DESCRIPTION:
30% Design
NOGC RR Terminus (MP 24) to Future Gateway Terminal (MP 33)
Plaquemines Parish, LA

SHEET TITLE:
ROADWAY PLAN & PROFILE: PRIVATE ACCESS 2 DRIVEWAY

Color table:
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HAUL-RI - Haul-4 [Sheet]
11/4/2022







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REV. #	BY	DATE	DESCRIPTION
REV05		08/10/2022	
REV05.1		09/07/2022	
REV06		09/30/2022	

LEGEND:
- EXIST. TRACK
- PROPOSED TRACK
- FUTURE TRACK
- SHOOFLY TRACK
- SHIFT TRACK
- RETIRE TRACK
- GIS R/W BOUNDARY

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11/4/2022

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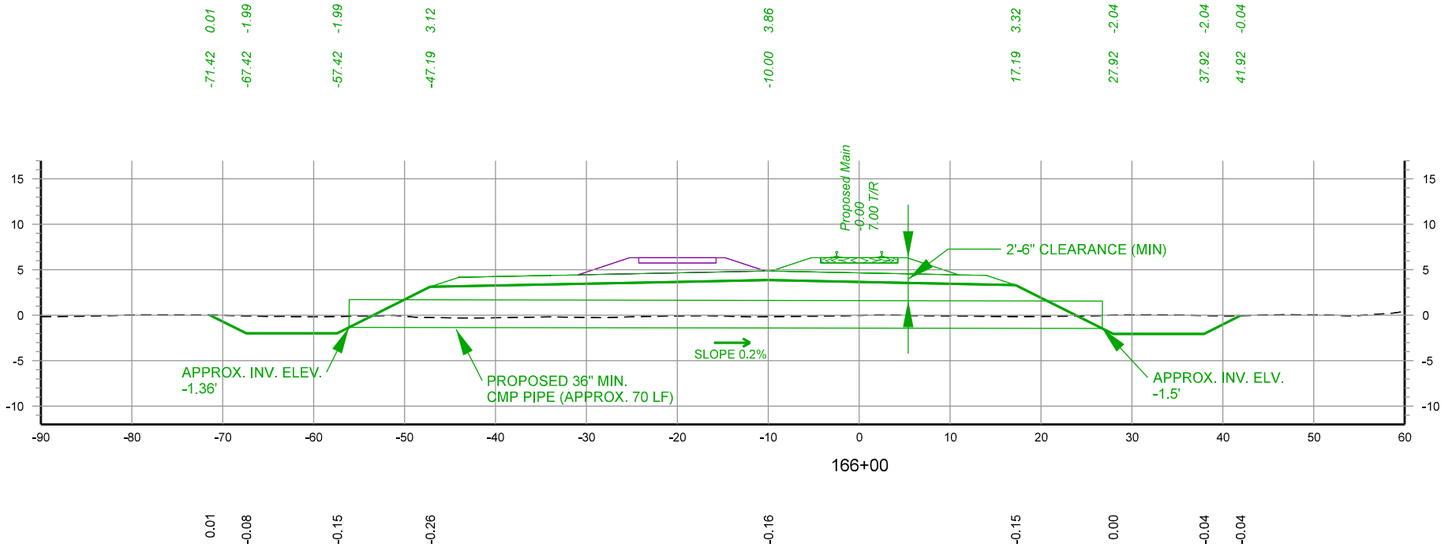
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SCALE:	AS SHOWN
WORK ORDER:	
PID:	
BUDGET REF:	
SHEET NUMBER	R014 of 014

UNION PACIFIC RAILROAD

LOCATION & DESCRIPTION:
30% Design
NOGC RR Terminus (MP 24) to Future Gateway Terminal (MP 33)
Plaquemines Parish, LA

SHEET TITLE:
ROADWAY PLAN & PROFILE: PRIVATE ACCESS 3 DRIVEWAY

Color table:
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11/4/2022



DRAINAGE PIPE PROFILE (TYPICAL)

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REV. #	BY	DATE	DESCRIPTION
REV05		08/10/2022	
REV05.1		09/07/2022	
REV06		11/02/2022	

LEGEND:
- EXIST. TRACK
- PROPOSED TRACK
- FUTURE TRACK
- SHOOFLY TRACK
- SHIFT TRACK
- RETIRE TRACK
- LADOTD EXIST. LA23 R/W

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CHECKED BY: RDH
DATE: 11/02/2022
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WORK ORDER:
PID:
BUDGET REF:
SHEET NUMBER: D001 of 001

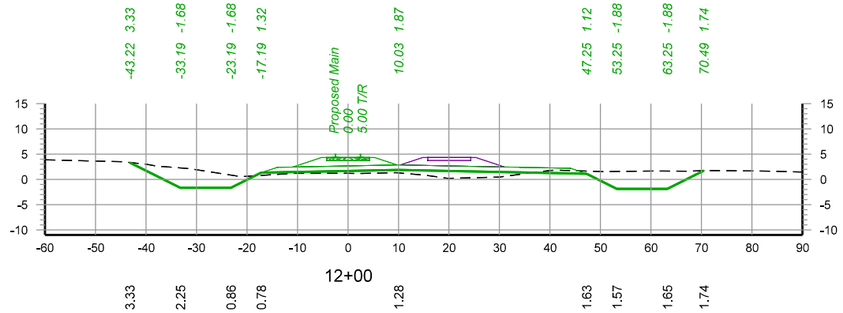
UNION PACIFIC RAILROAD

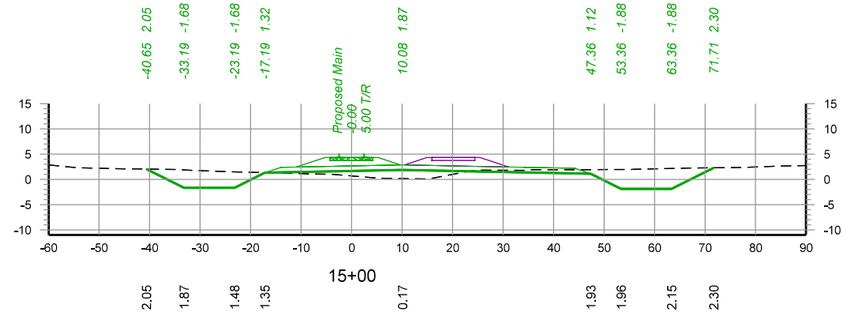
LGT MAINLINE EXTENSION

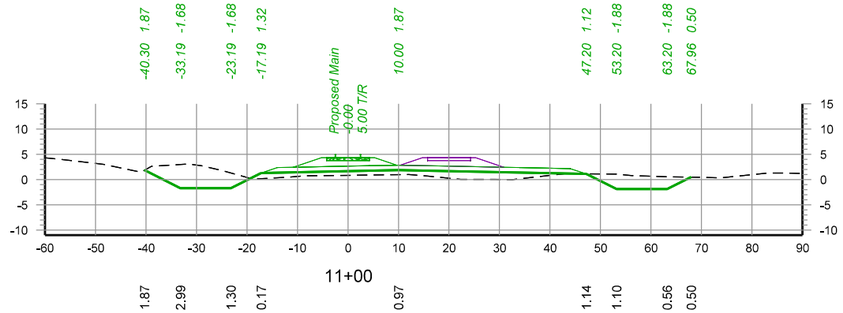
LOCATION & DESCRIPTION:
30% Design
NOGC RR Terminus (MP 24) to Future Gateway Terminal (MP 33)
Plaquemines Parish, LA

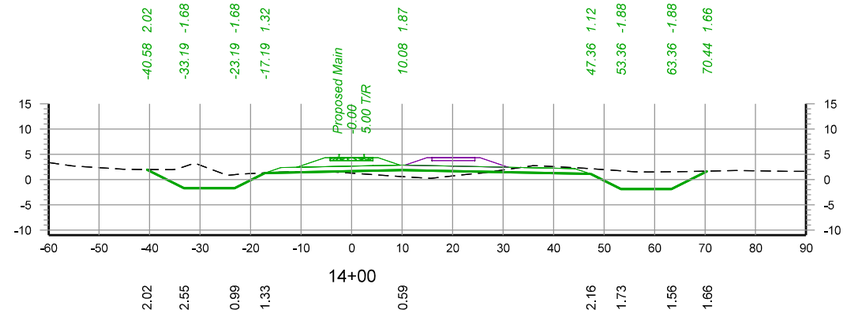
SHEET TITLE: DRAINAGE PIPE PROFILE (TYPICAL)

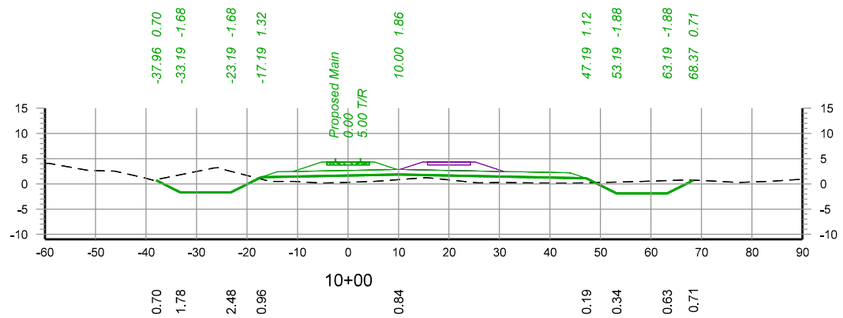
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Cross Sections - STA.166+00 to STA.171+00
10/24/2022

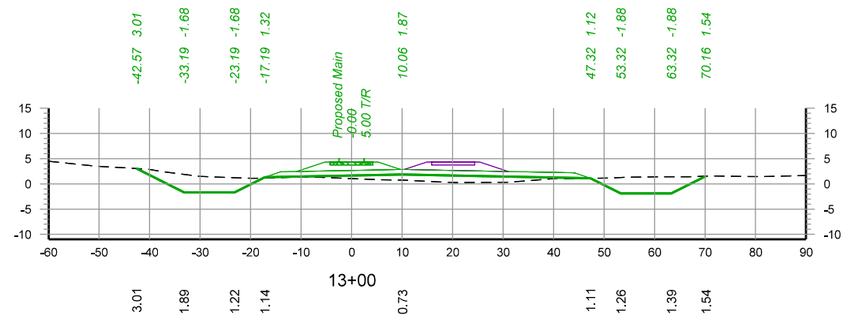












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REV. #	BY	DATE	DESCRIPTION
REV05		08/10/2022	
REV05.1		09/07/2022	
REV06		10/03/2022	

LEGEND:
- EXIST. TRACK
- PROPOSED TRACK
- FUTURE TRACK
- SHOOFLY TRACK
- SHIFT TRACK
- RETIRE TRACK
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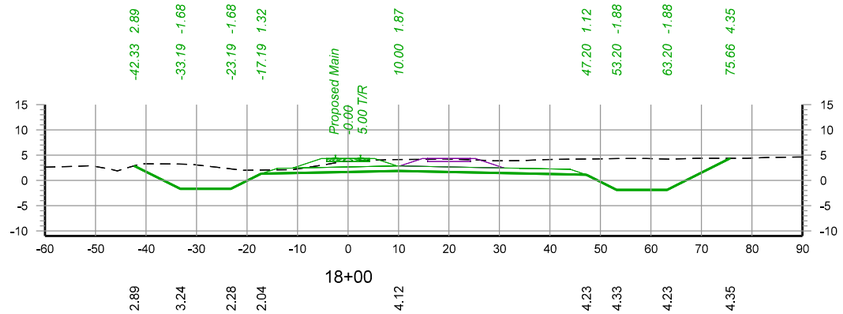
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DATE:	11/02/2022
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PID:	
BUDGET REF:	
SHEET NUMBER	X001 of 078

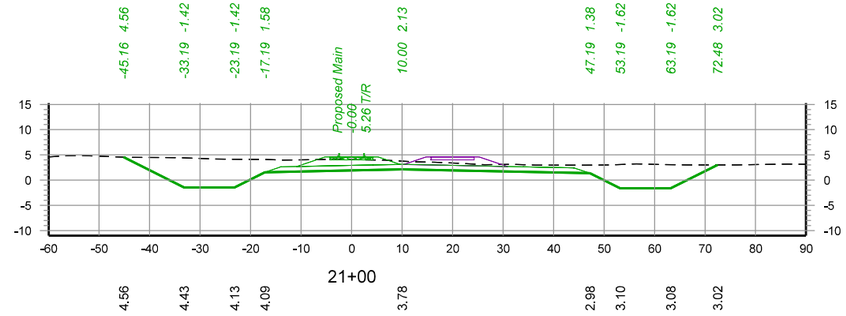
UNION PACIFIC RAILROAD — **LGT MAINLINE EXTENSION**

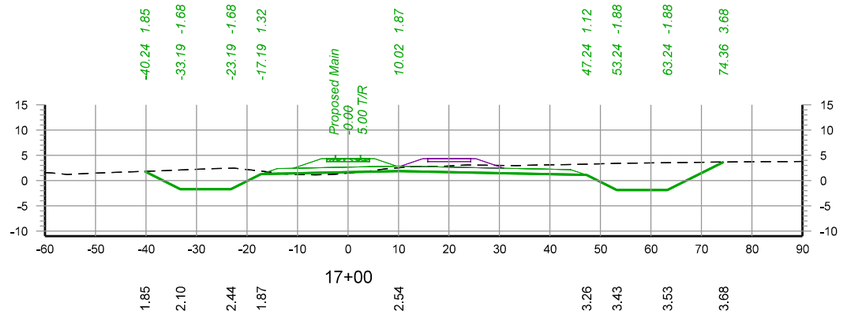
LOCATION & DESCRIPTION:
30% Design
NOGC RR Terminus (MP 24) to Future Gateway Terminal (MP 33)
Plaquemines Parish, LA

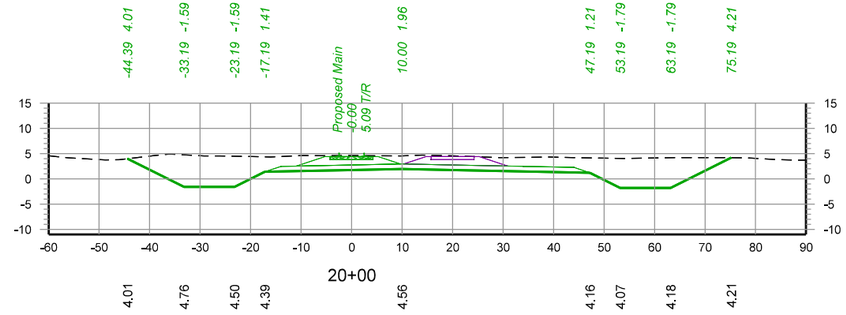
SHEET TITLE:
Cross Sections - STA. 10+00 to STA. 15+00

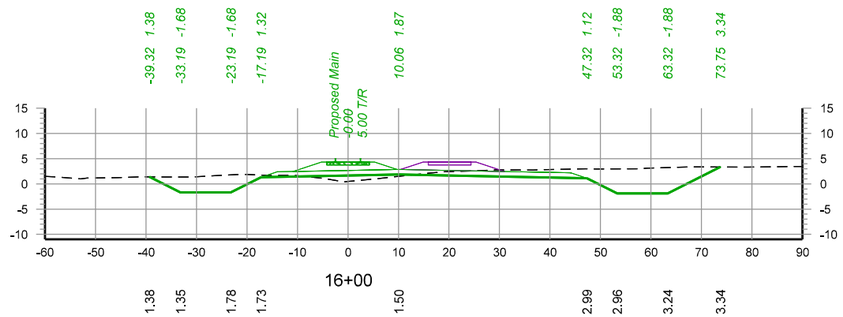
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Cross Sections - STA.10+00 to STA.15+00
10/20/2022

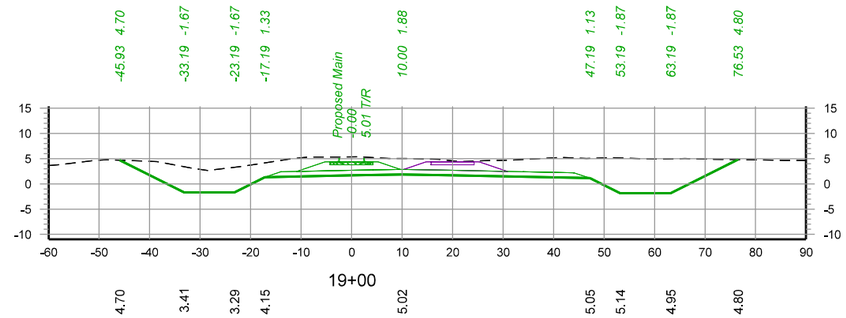












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REV. #	BY	DATE	DESCRIPTION
REV05		08/10/2022	
REV05.1		09/07/2022	
REV06		10/03/2022	

LEGEND:
- EXIST. TRACK
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- SHIFT TRACK
- RETIRE TRACK
- LADOTD EXIST. LA23 R/W

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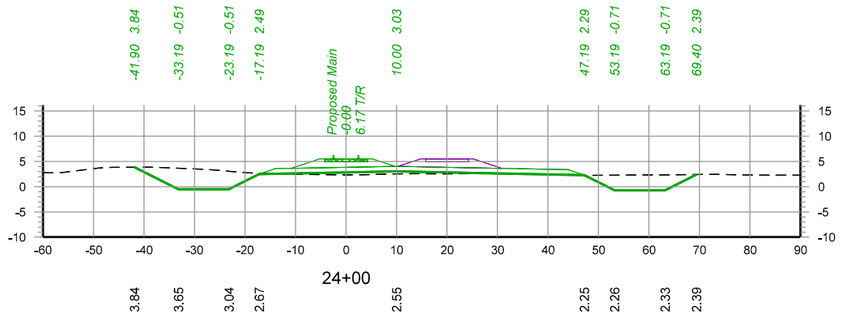
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CHECKED BY:	NHE
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BUDGET REF:	
SHEET NUMBER	X002 of 078

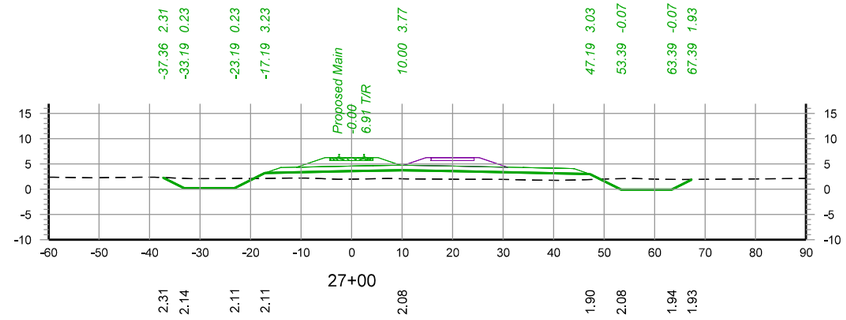
UNION PACIFIC RAILROAD LGT MAINLINE EXTENSION

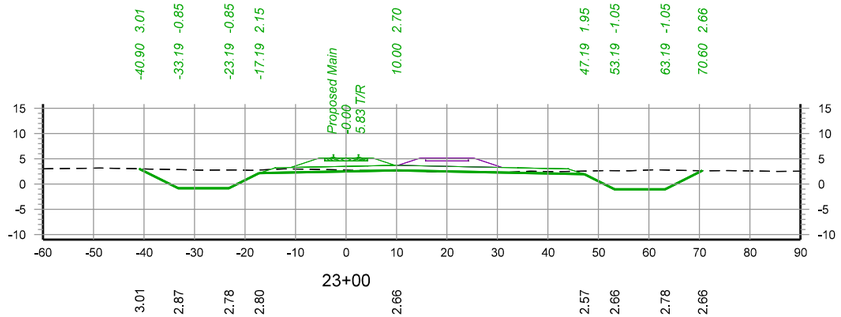
LOCATION & DESCRIPTION:
30% Design
NOGC RR Terminus (MP 24) to Future Gateway Terminal (MP 33)
Plaquemines Parish, LA

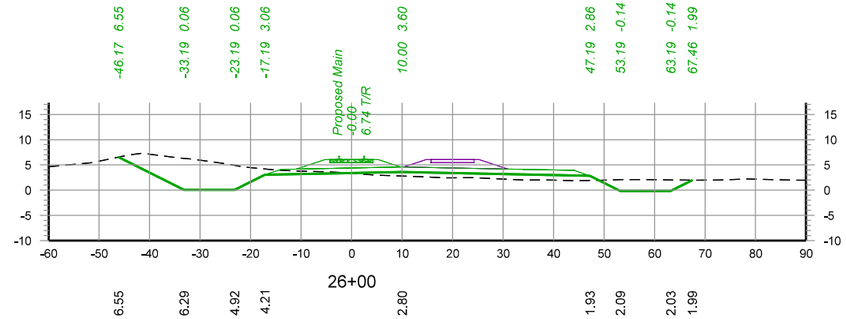
SHEET TITLE: Cross Sections - STA. 16+00 to STA. 21+00

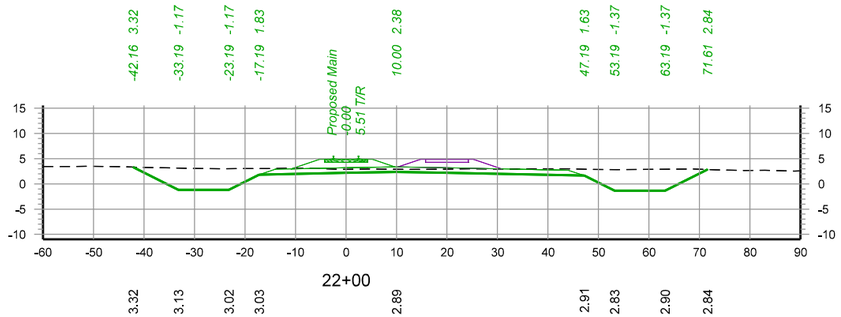
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Cross Sections - STA.16+00 to STA.21+00
10/20/2022

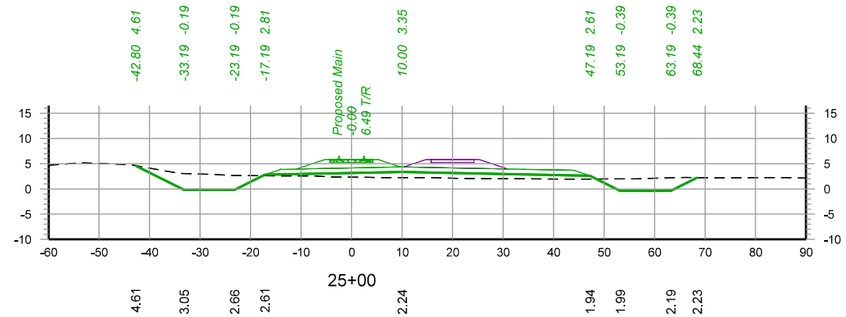












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REV. #	BY	DATE	DESCRIPTION
REV05		08/10/2022	
REV05.1		09/07/2022	
REV06		10/03/2022	

LEGEND:
- EXIST. TRACK
- PROPOSED TRACK
- FUTURE TRACK
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- LADOTD EXIST. LA23 R/W

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DRAWN BY:	EGD
CHECKED BY:	NHE
DATE:	11/02/2022
SCALE:	1"=30' (H & V)
WORK ORDER:	
PID:	
BUDGET REF:	
SHEET NUMBER	X003 of 078

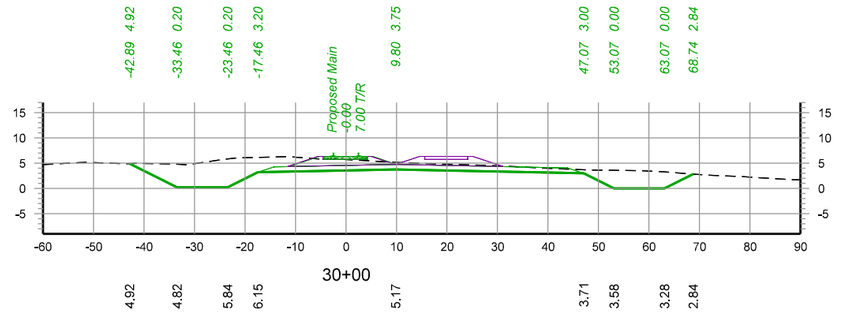
UNION PACIFIC RAILROAD

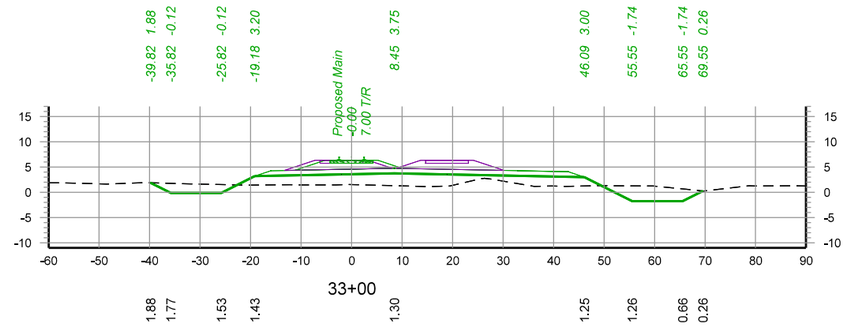
LGT MAINLINE EXTENSION

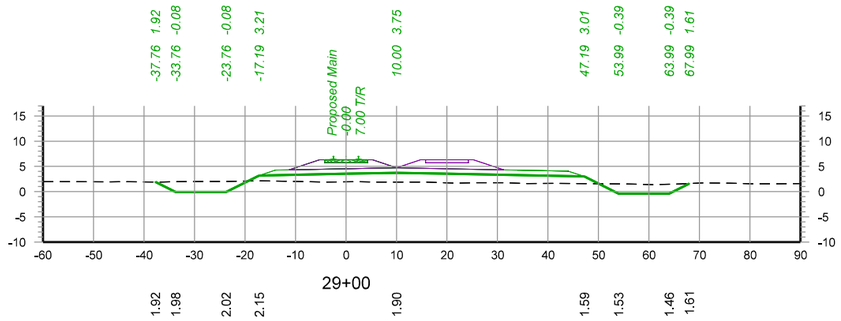
LOCATION & DESCRIPTION:
30% Design
NOGC RR Terminus (MP 24) to Future Gateway Terminal (MP 33)
Plaquemines Parish, LA

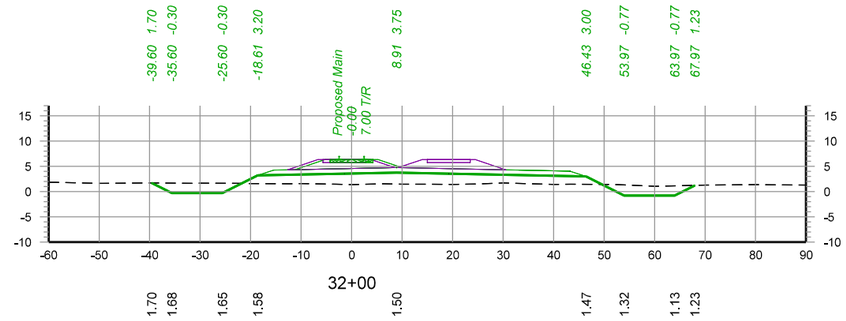
SHEET TITLE:
Cross Sections - STA. 22+00 to STA. 27+00

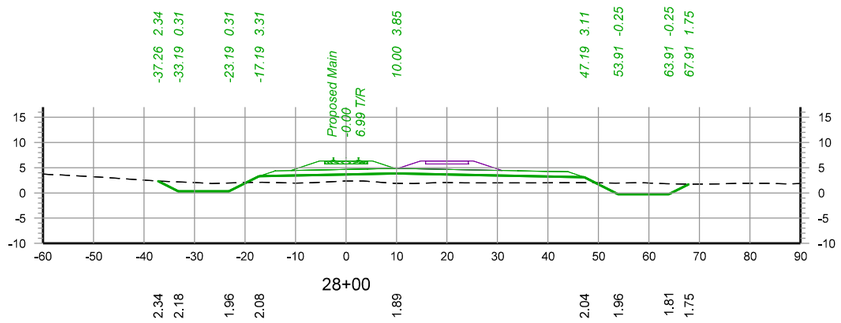
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Cross Sections - STA. 22+00 to STA. 27+00
10/20/2022

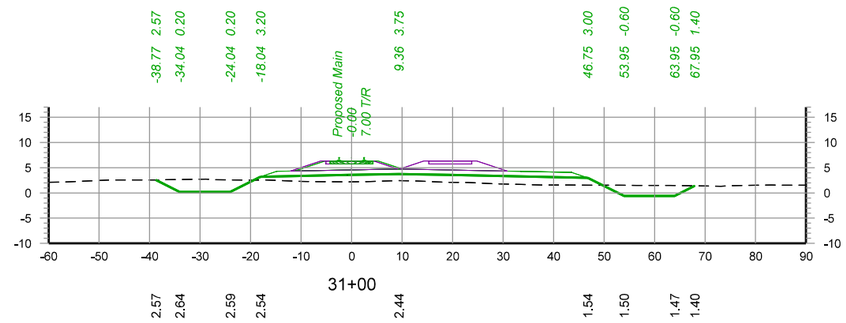












30 0 30 60

SCALE IN FEET

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REV. #	BY	DATE	DESCRIPTION
REV05		08/10/2022	
REV05.1		09/07/2022	
REV06		10/03/2022	

LEGEND:
- EXIST. TRACK
- PROPOSED TRACK
- FUTURE TRACK
- SHOOFLY TRACK
- SHIFT TRACK
- RETIRE TRACK
- LADOTD EXIST. LA23 R/W

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DRAWN BY:	EGD
CHECKED BY:	NHE
DATE:	11/02/2022
SCALE:	1"=30' (H & V)
WORK ORDER:	
PID:	
BUDGET REF:	
SHEET NUMBER	X004 of 078

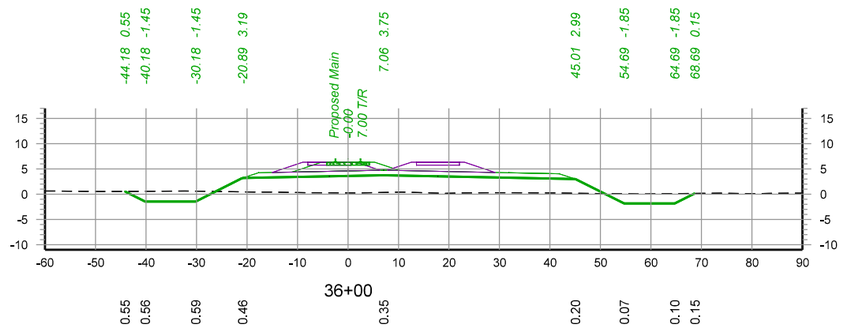
UNION PACIFIC RAILROAD

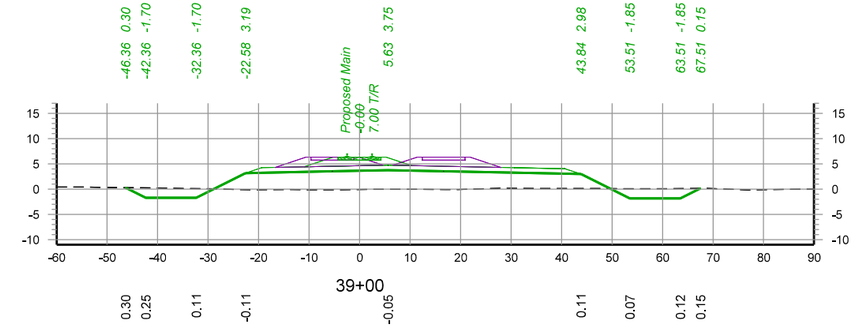
LGT MAINLINE EXTENSION

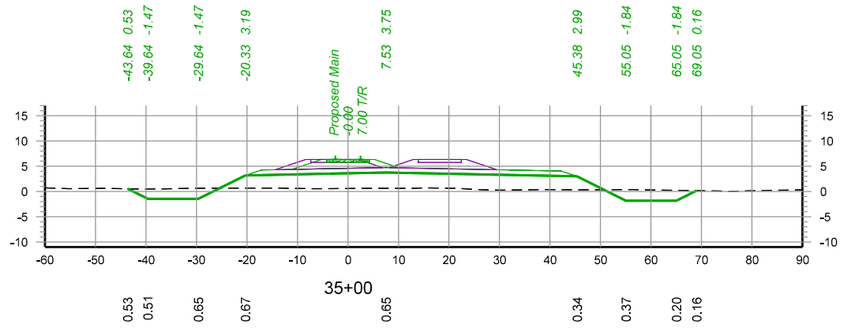
LOCATION & DESCRIPTION:
30% Design
NOGC RR Terminus (MP 24) to Future Gateway Terminal (MP 33)
Plaquemines Parish, LA

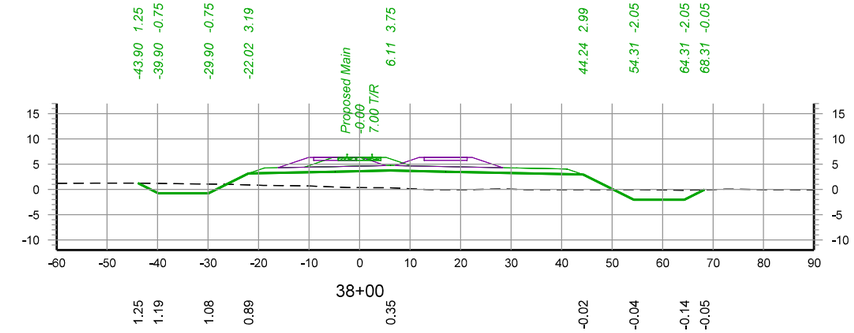
SHEET TITLE:
Cross Sections - STA. 28+00 to STA. 33+00

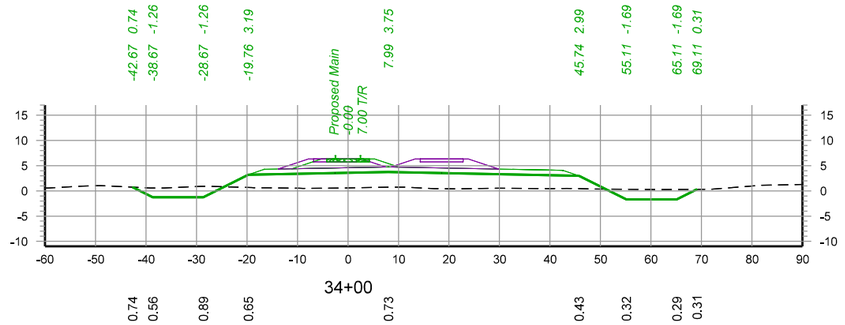
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pw://HDR_PW_DTSNME///
Cross Sections - STA. 28+00 to STA. 33+00
10/20/2022

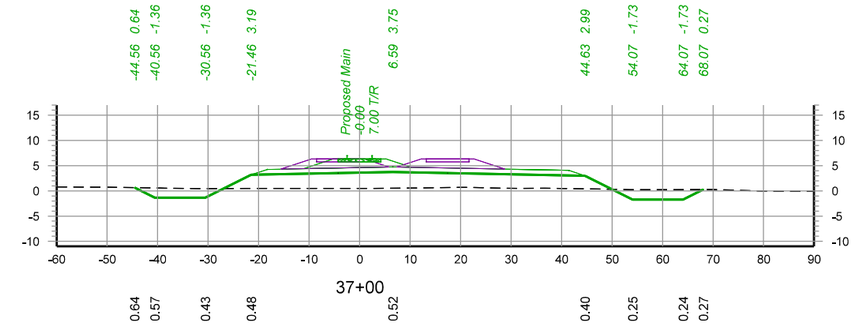












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SCALE IN FEET

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REV. #	BY	DATE	DESCRIPTION
REV05		08/10/2022	
REV05.1		09/07/2022	
REV06		10/03/2022	

LEGEND:
- EXIST. TRACK
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- FUTURE TRACK
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- SHIFT TRACK
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CHECKED BY: NHE
DATE: 11/02/2022
SCALE: 1"=30' (H & V)
WORK ORDER:
PID:
BUDGET REF:
SHEET NUMBER: X005 of 078

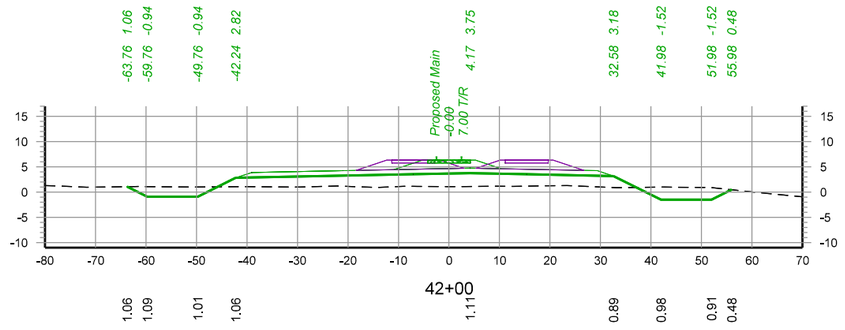
UNION PACIFIC RAILROAD

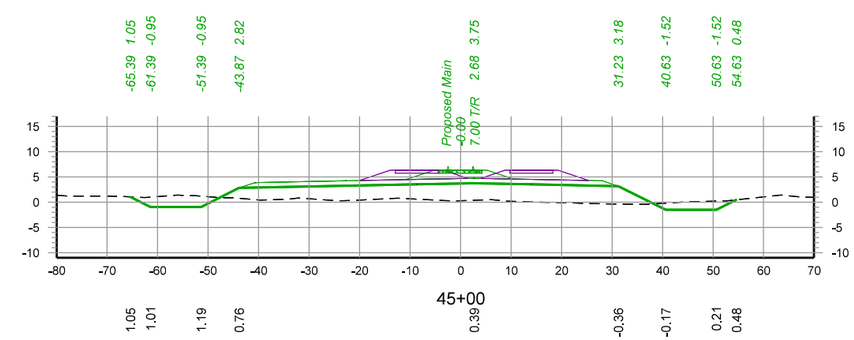
LGT MAINLINE EXTENSION

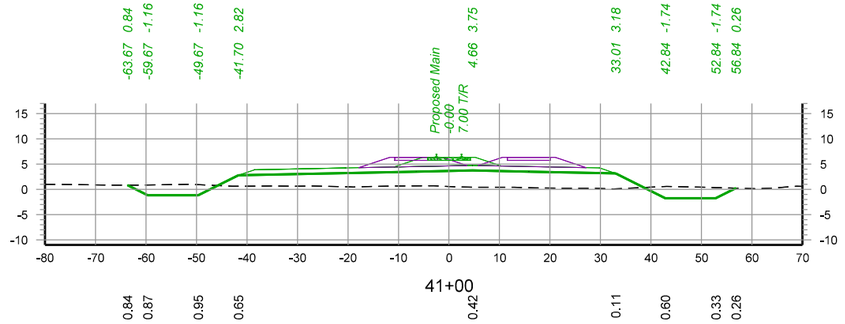
LOCATION & DESCRIPTION:
30% Design
NOGC RR Terminus (MP 24) to Future Gateway Terminal (MP 33)
Plaquemines Parish, LA

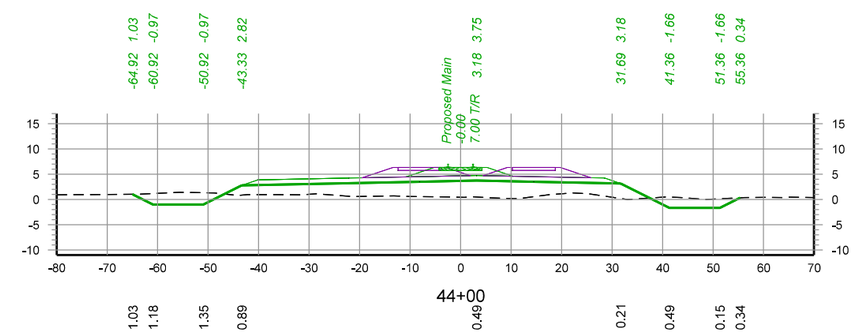
SHEET TITLE:
Cross Sections - STA. 34+00 to STA. 39+00

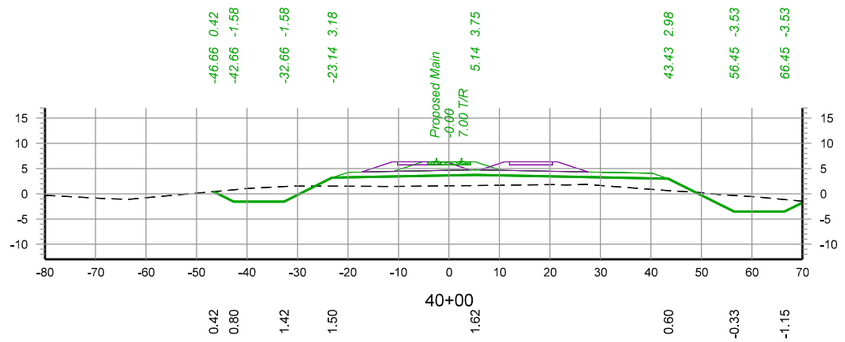
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Cross Sections - STA. 34+00 to STA. 39+00
10/20/2022

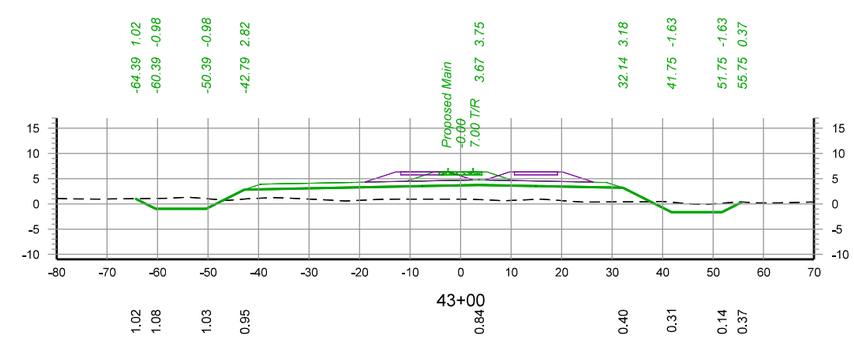












30 0 30 60

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REV. #	BY	DATE	DESCRIPTION
REV05		08/10/2022	
REV05.1		09/07/2022	
REV06		10/03/2022	

LEGEND:
- EXIST. TRACK
- PROPOSED TRACK
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- SHOOFLY TRACK
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DATE:	11/02/2022
SCALE:	1"=30' (H & V)
WORK ORDER:	
PID:	
BUDGET REF:	
SHEET NUMBER	X006 of 078

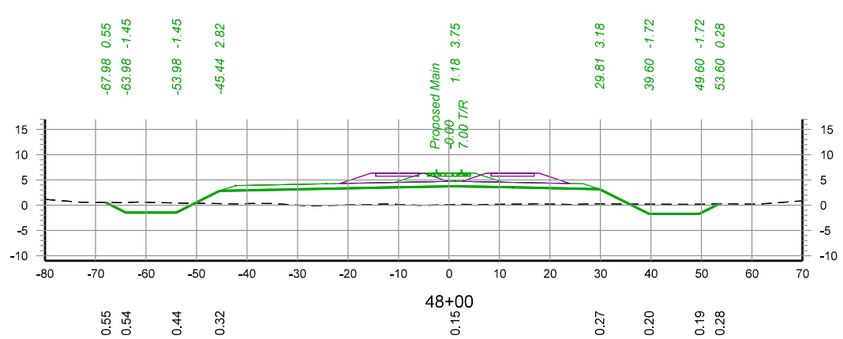
UNION PACIFIC RAILROAD

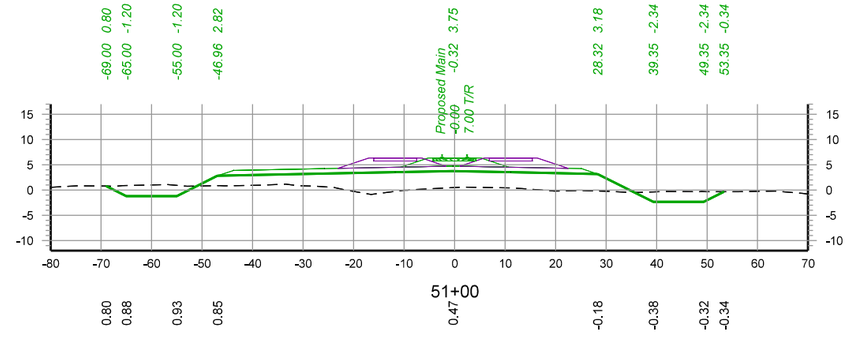
LGT MAINLINE EXTENSION

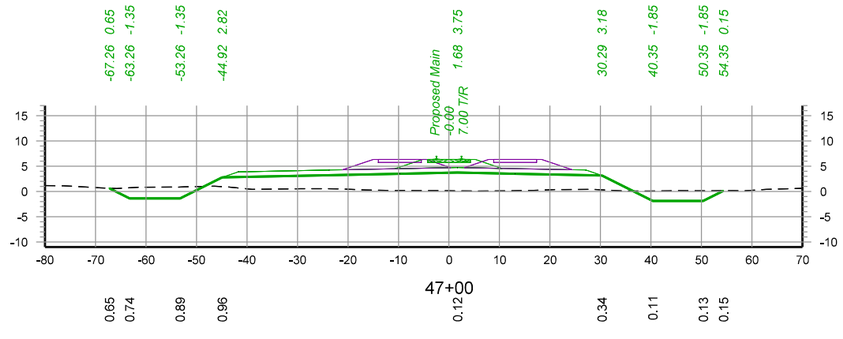
LOCATION & DESCRIPTION:
30% Design
NOGC RR Terminus (MP 24) to Future Gateway Terminal (MP 33)
Plaquemines Parish, LA

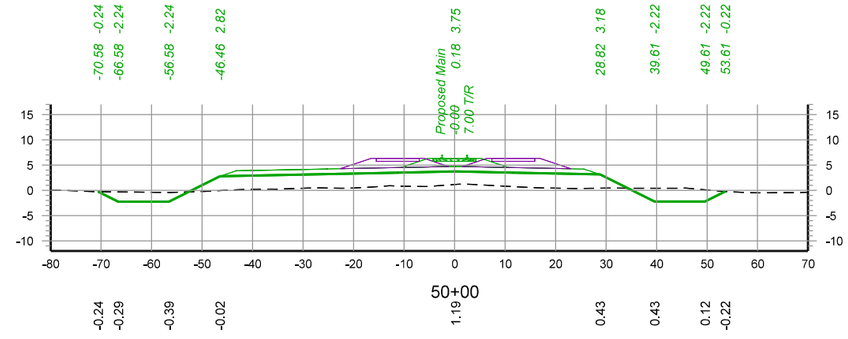
SHEET TITLE:
Cross Sections - STA. 40+00 to STA. 45+00

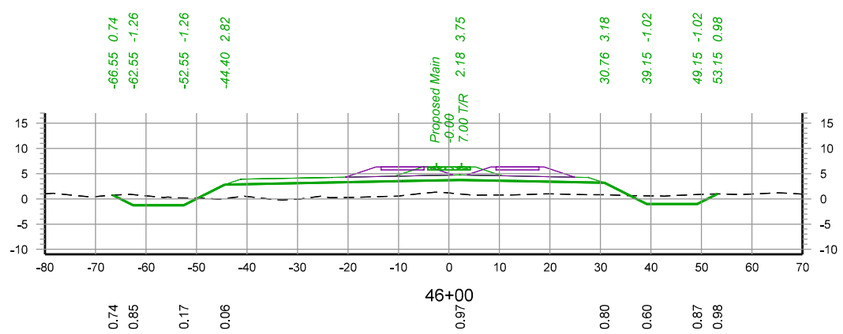
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Cross Sections - STA. 40+00 to STA. 45+00
10/20/2022

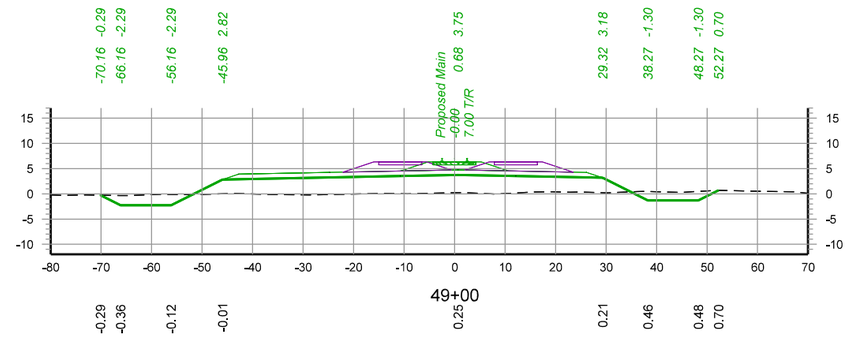












30 0 30 60

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REV. #	BY	DATE	DESCRIPTION
REV05		08/10/2022	
REV05.1		09/07/2022	
REV06		10/03/2022	

LEGEND:
- EXIST. TRACK
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DATE:	11/02/2022
SCALE:	1"=30' (H & V)
WORK ORDER:	
PID:	
BUDGET REF:	
SHEET NUMBER	X007 of 078

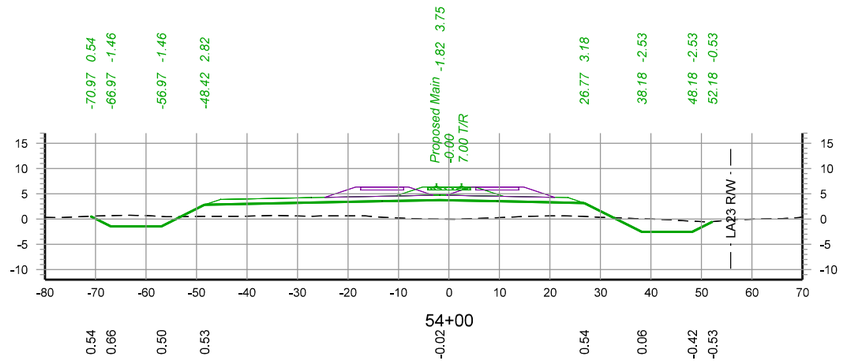
UNION PACIFIC RAILROAD

LGT MAINLINE EXTENSION

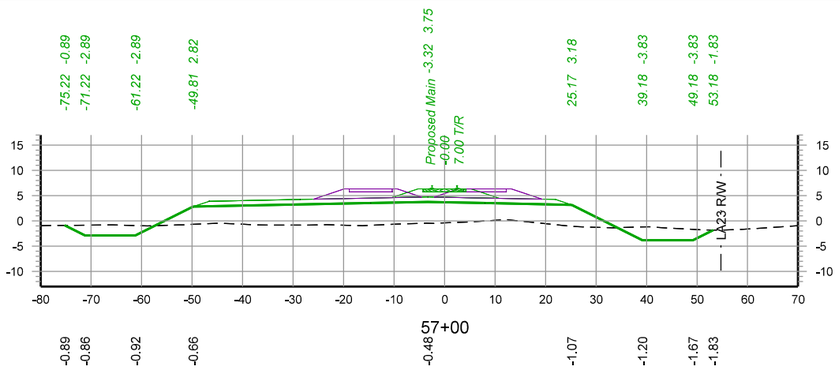
LOCATION & DESCRIPTION:
30% Design
NOGC RR Terminus (MP 24) to Future Gateway Terminal (MP 33)
Plaquemines Parish, LA

SHEET TITLE:
Cross Sections - STA. 46+00 to STA. 51+00

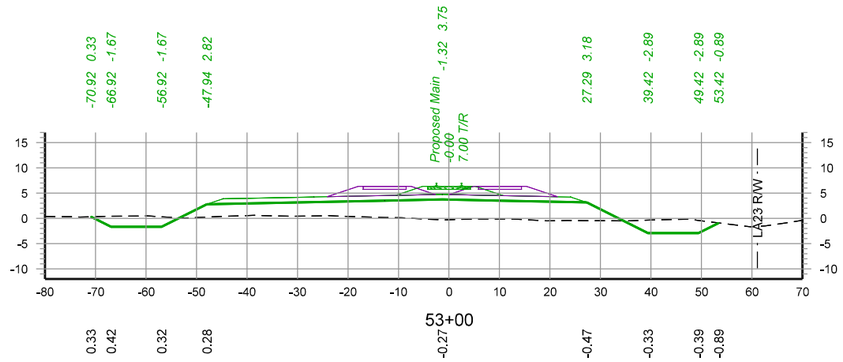
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Cross Sections - STA. 46+00 to STA. 51+00
10/20/2022



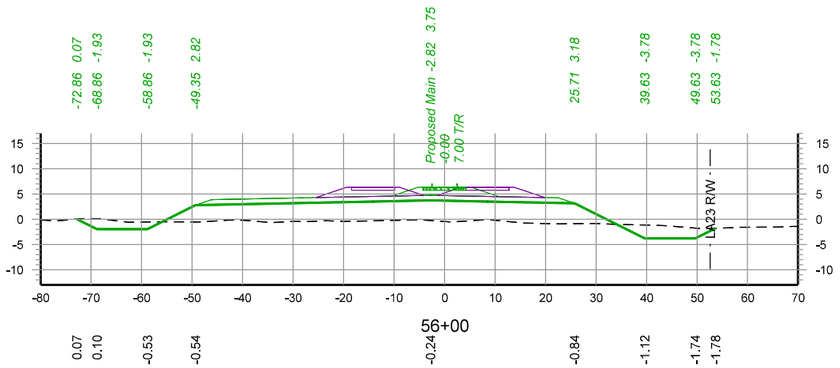
54+00



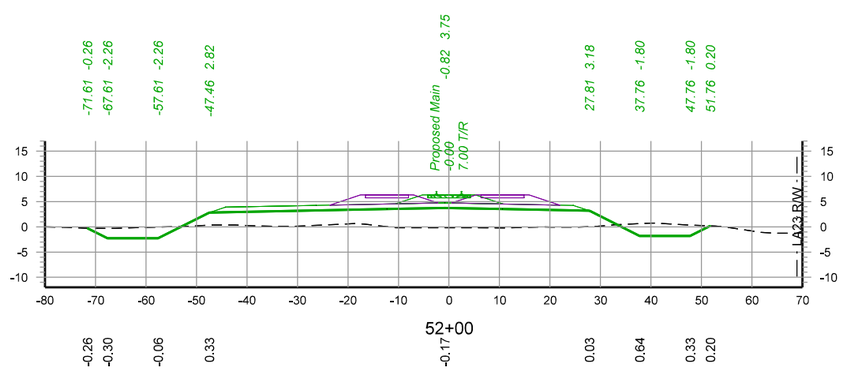
57+00



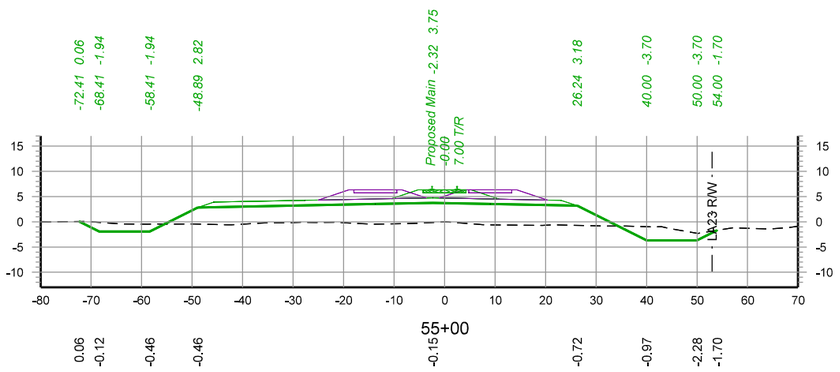
53+00



56+00



52+00



55+00

30 0 30 60

SCALE IN FEET

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REV. #	BY	DATE	DESCRIPTION
REV05		08/10/2022	
REV05.1		09/07/2022	
REV06		10/03/2022	

LEGEND:
- EXIST. TRACK
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- SHIFT TRACK
- RETIRE TRACK
- LADOTD EXIST. LA23 R/W

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CHECKED BY:	NHE
DATE:	11/02/2022
SCALE:	1"=30' (H & V)
WORK ORDER:	
PID:	
BUDGET REF:	
SHEET NUMBER	X008 of 078

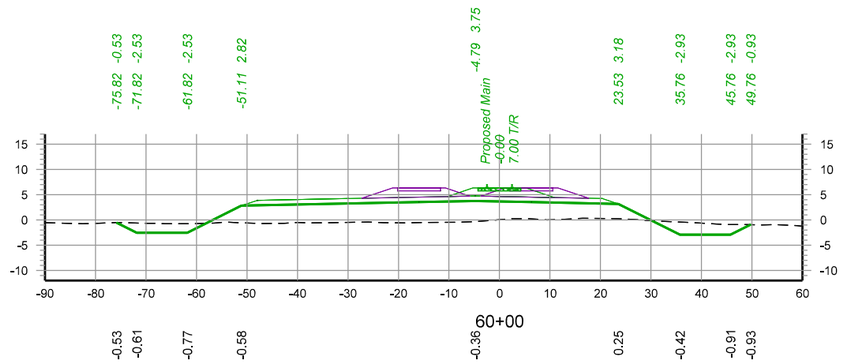
UNION PACIFIC RAILROAD

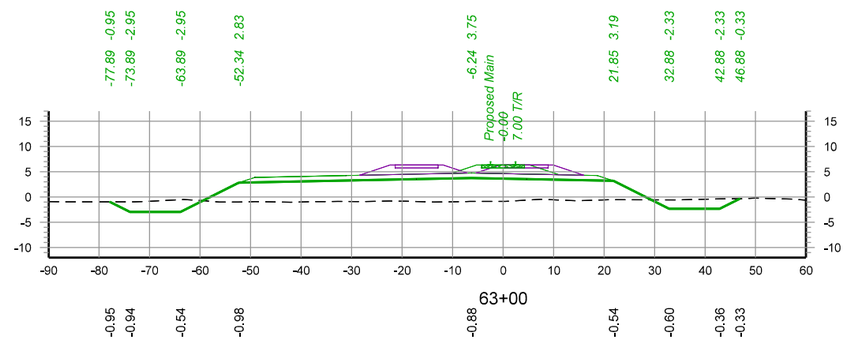
LGT MAINLINE EXTENSION

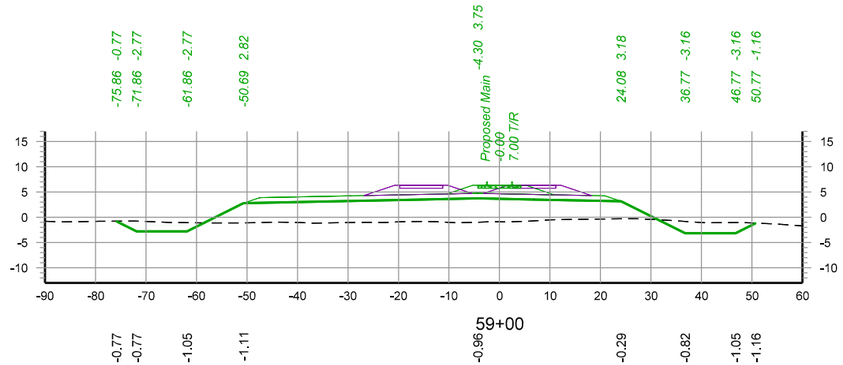
LOCATION & DESCRIPTION:
30% Design
NOGC RR Terminus (MP 24) to Future Gateway Terminal (MP 33)
Plaquemines Parish, LA

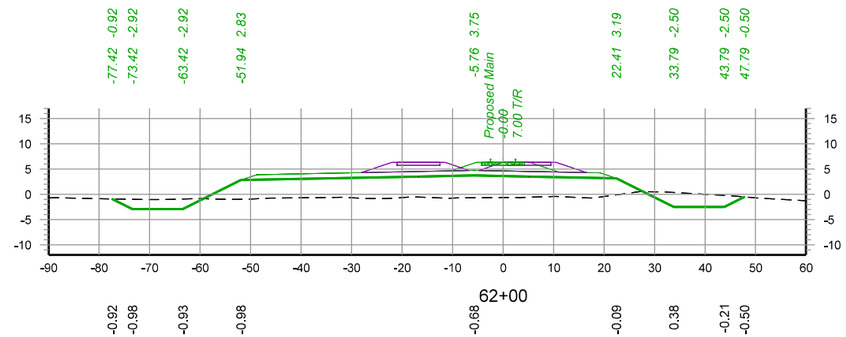
SHEET TITLE:
Cross Sections - STA. 52+00 to STA. 57+00

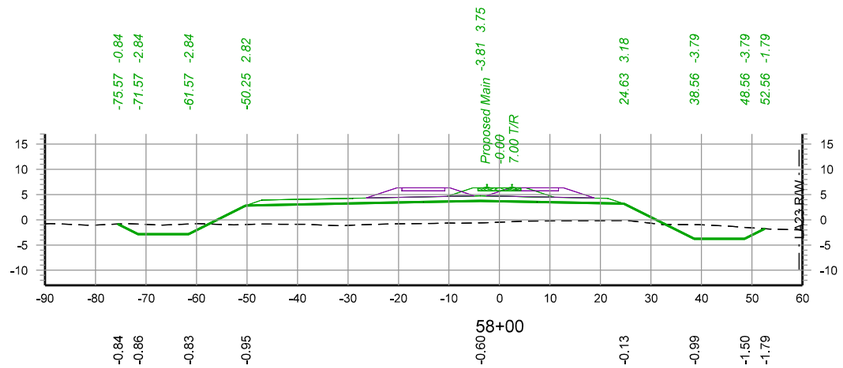
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pw://HDR_PW_DTSNME///
Cross Sections - STA. 52+00 to STA. 57+00
10/20/2022

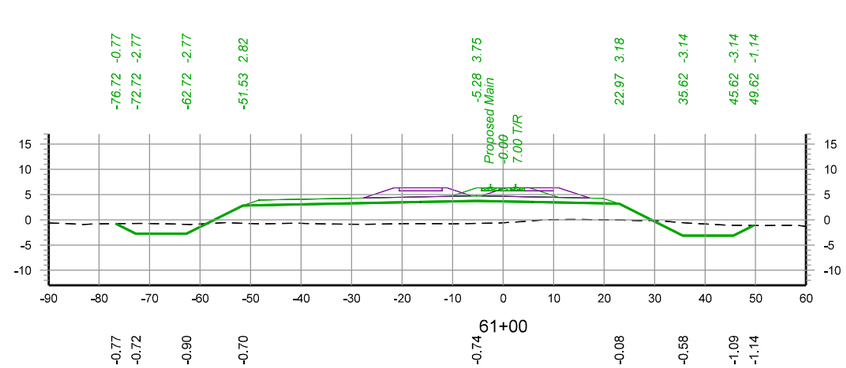












30 0 30 60

SCALE IN FEET

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REV. #	BY	DATE	DESCRIPTION
REV05		08/10/2022	
REV05.1		09/07/2022	
REV06		10/03/2022	

LEGEND:
- EXIST. TRACK
- PROPOSED TRACK
- FUTURE TRACK
- SHOOFLY TRACK
- SHIFT TRACK
- RETIRE TRACK
- LADOTD EXIST. LA23 R/W

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NEW ORLEANS AND GULF COAST RAILWAY CO.

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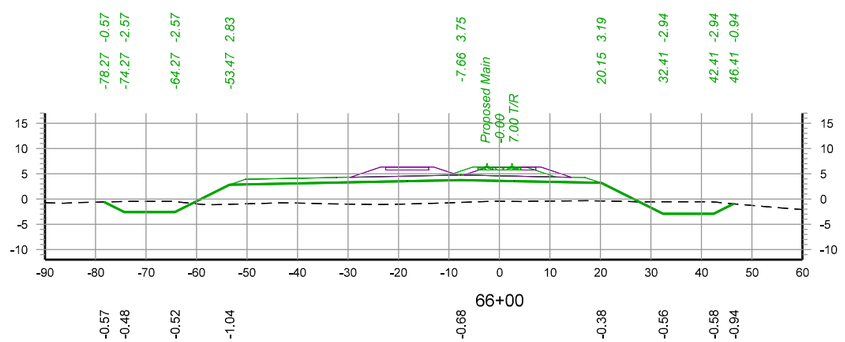
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CHECKED BY: NHE
DATE: 11/02/2022
SCALE: 1"=30' (H & V)
WORK ORDER:
PID:
BUDGET REF:
SHEET NUMBER: X009 of 078

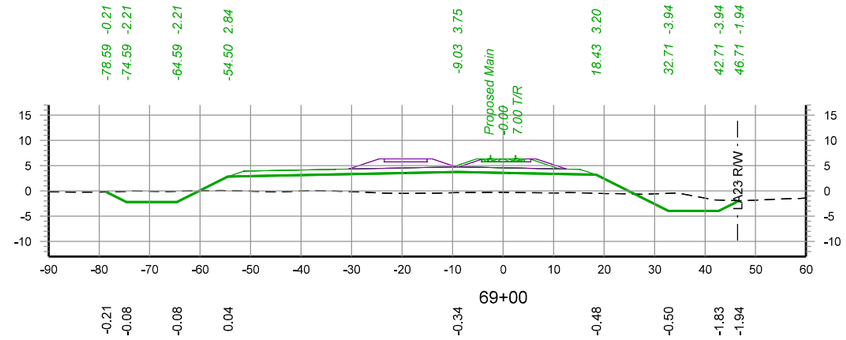
UNION PACIFIC RAILROAD
LGT MAINLINE EXTENSION

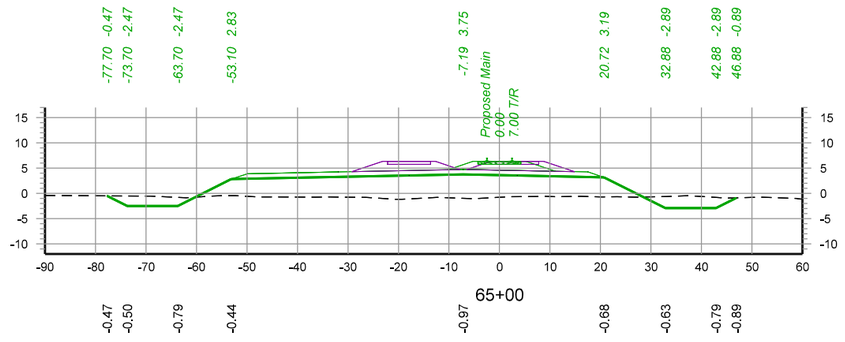
LOCATION & DESCRIPTION:
30% Design
NOGC RR Terminus (MP 24) to Future Gateway Terminal (MP 33)
Plaquemines Parish, LA

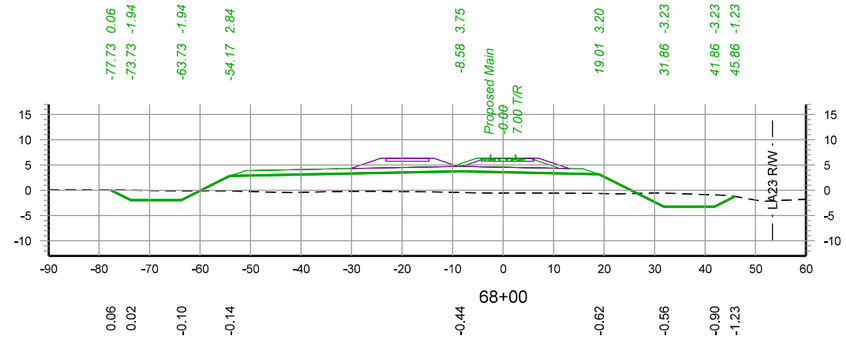
SHEET TITLE:
Cross Sections - STA. 58+00 to STA. 63+00

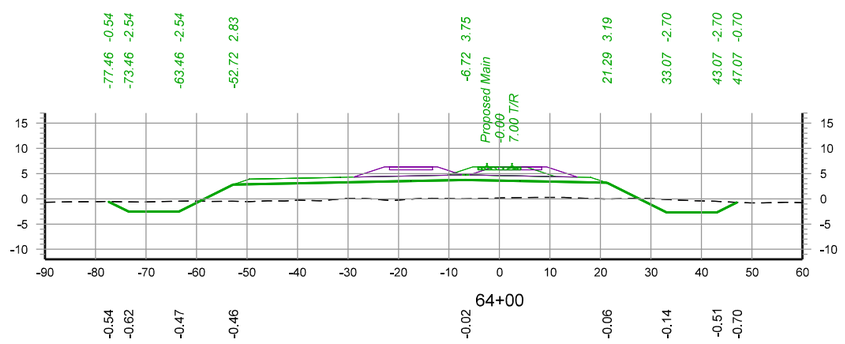
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Cross Sections - STA. 58+00 to STA. 63+00
10/20/2022

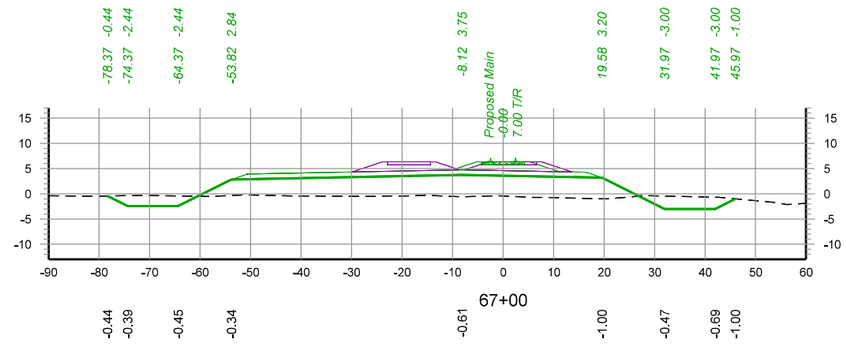












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REV. #	BY	DATE	DESCRIPTION
REV05		08/10/2022	
REV05.1		09/07/2022	
REV06		10/03/2022	

LEGEND:
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SCALE:	1"=30' (H & V)
WORK ORDER:	
PID:	
BUDGET REF:	
SHEET NUMBER	X010 of 078

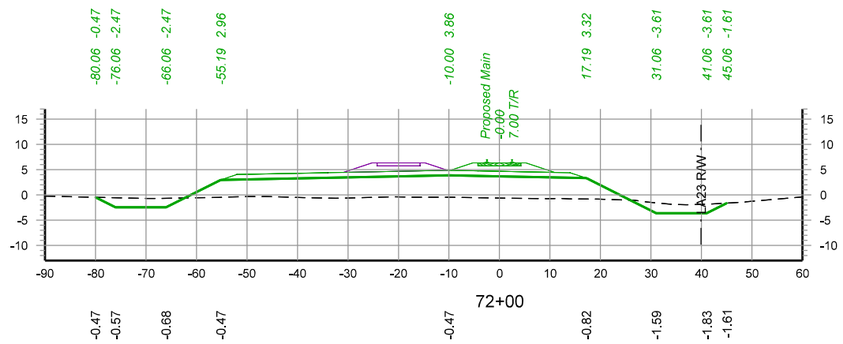
UNION PACIFIC RAILROAD

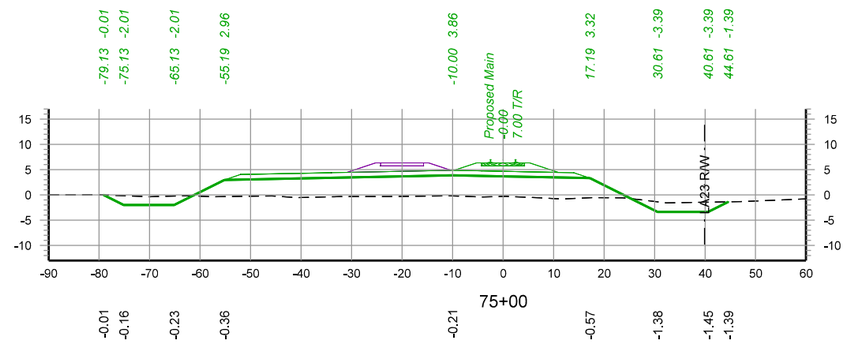
LGT MAINLINE EXTENSION

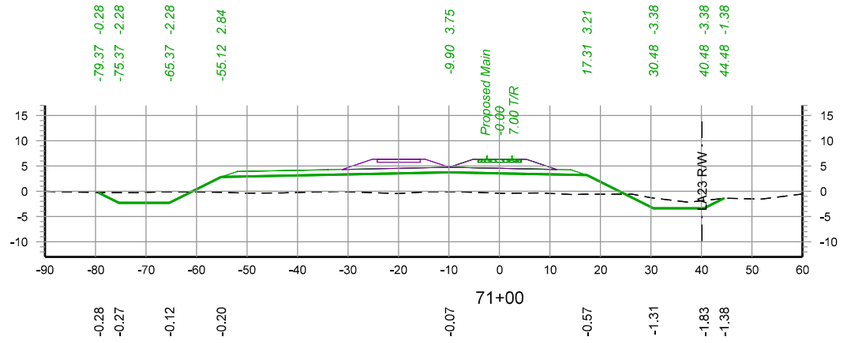
LOCATION & DESCRIPTION:
30% Design
NOGC RR Terminus (MP 24) to Future Gateway Terminal (MP 33)
Plaquemines Parish, LA

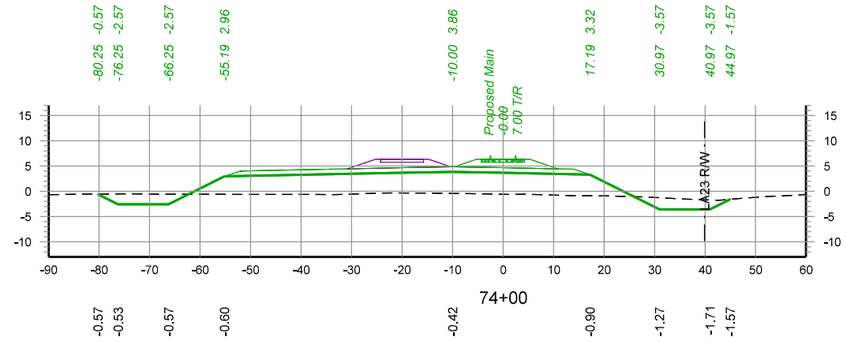
SHEET TITLE:
Cross Sections - STA. 64+00 to STA. 69+00

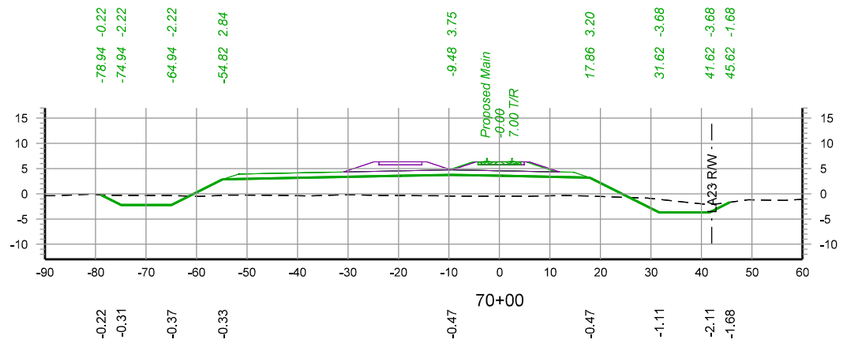
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Cross Sections - STA. 64+00 to STA. 69+00
10/20/2022

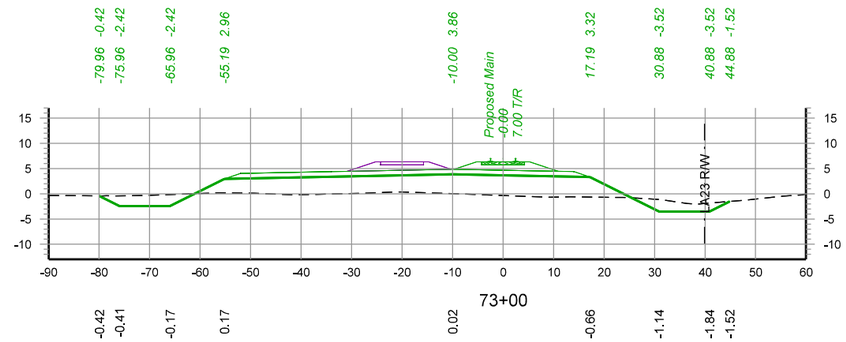












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LEGEND:
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DATE:	11/02/2022
SCALE:	1"=30' (H & V)
WORK ORDER:	
PID:	
BUDGET REF:	
SHEET NUMBER	X011 of 078

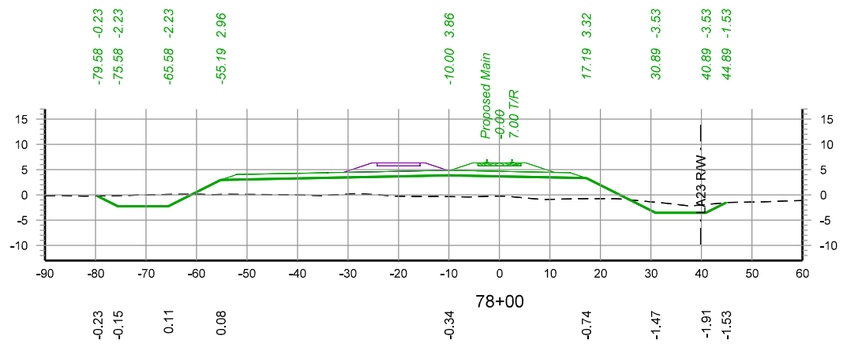
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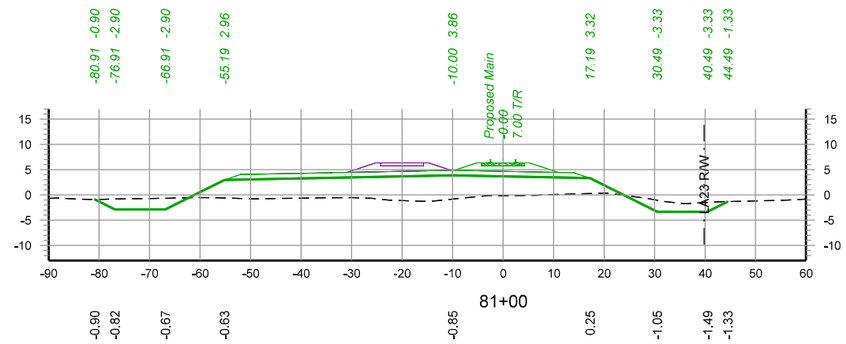
LGT MAINLINE EXTENSION

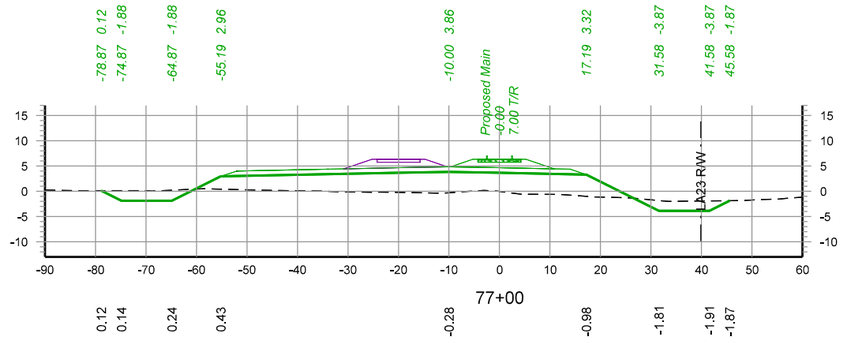
LOCATION & DESCRIPTION:
30% Design
NOGC RR Terminus (MP 24) to Future Gateway Terminal (MP 33)
Plaquemines Parish, LA

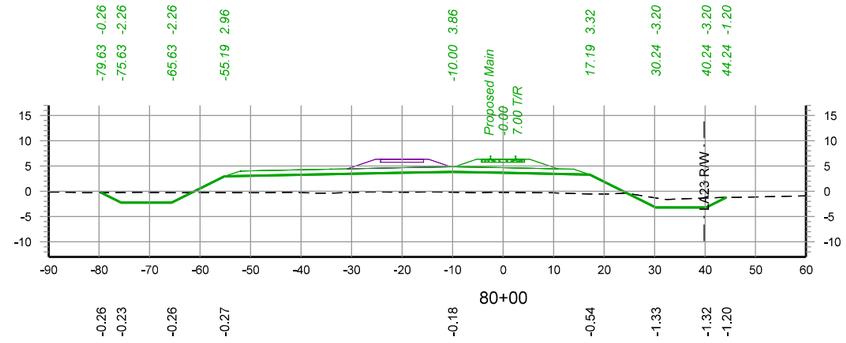
SHEET TITLE:
Cross Sections - STA. 70+00 to STA. 75+00

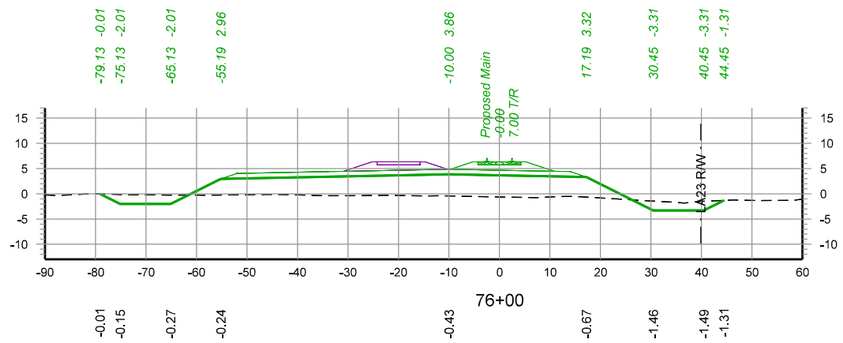
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Cross Sections - STA. 70+00 to STA. 75+00
10/20/2022

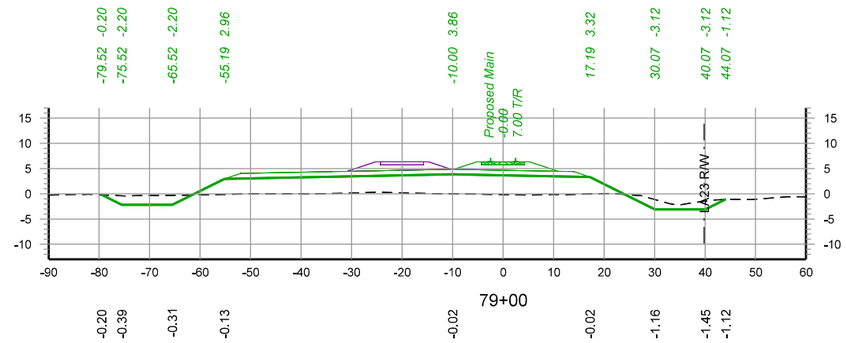












30 0 30 60

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REV05		08/10/2022	
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DATE:	11/02/2022
SCALE:	1"=30' (H & V)
WORK ORDER:	
PID:	
BUDGET REF:	
SHEET NUMBER	X012 of 078

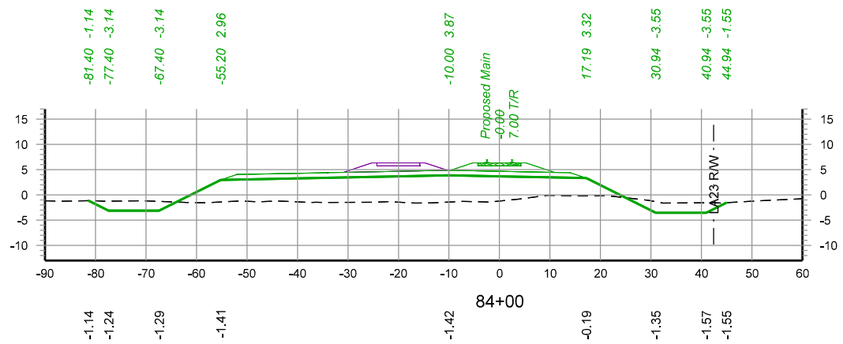
UNION PACIFIC RAILROAD

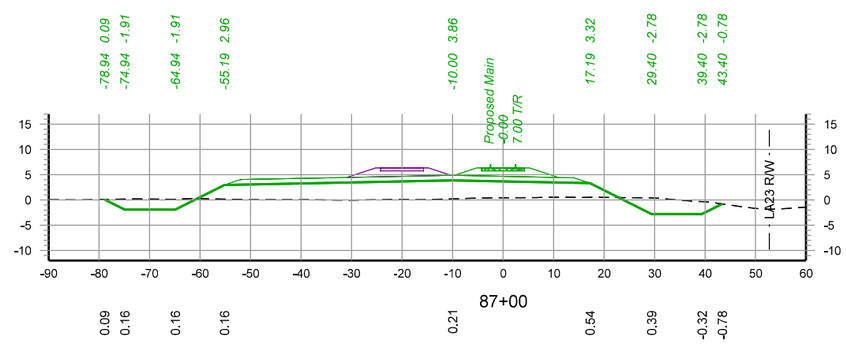
LGT MAINLINE EXTENSION

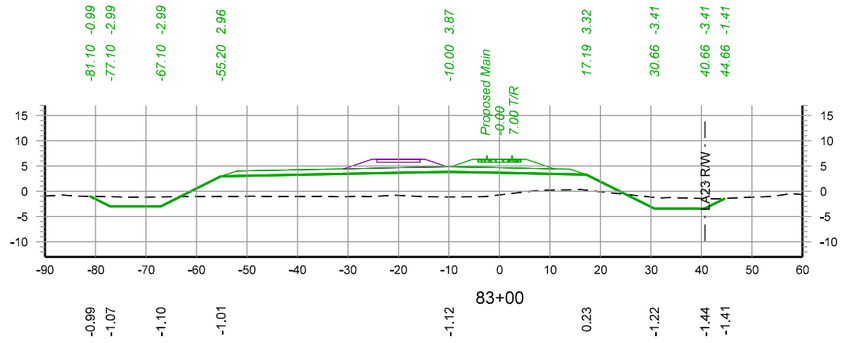
LOCATION & DESCRIPTION:
30% Design
NOGC RR Terminus (MP 24) to Future Gateway Terminal (MP 33)
Plaquemines Parish, LA

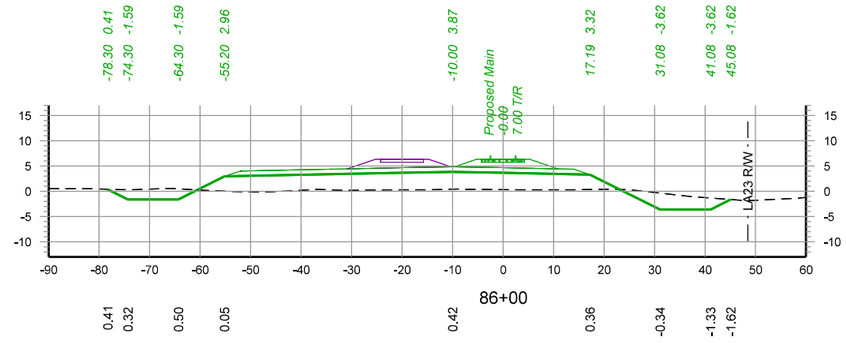
SHEET TITLE:
Cross Sections - STA. 76+00 to STA. 81+00

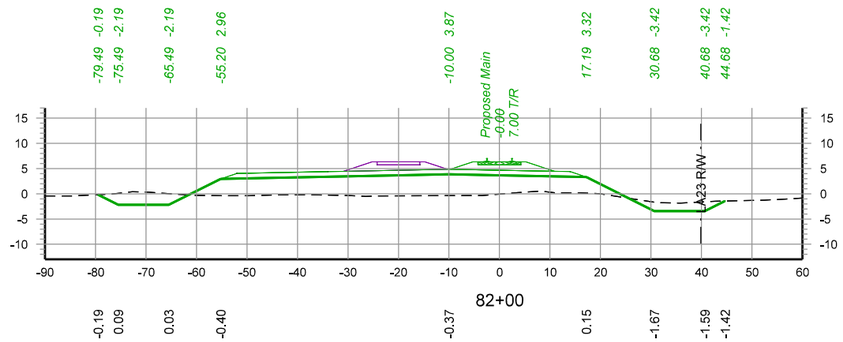
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10/20/2022

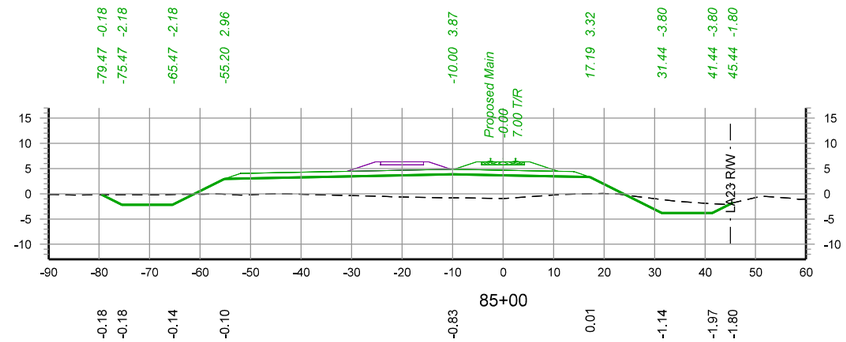












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REV. #	BY	DATE	DESCRIPTION
REV05		08/10/2022	
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LEGEND:
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SCALE:	1"=30' (H & V)
WORK ORDER:	
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BUDGET REF:	
SHEET NUMBER	X013 of 078

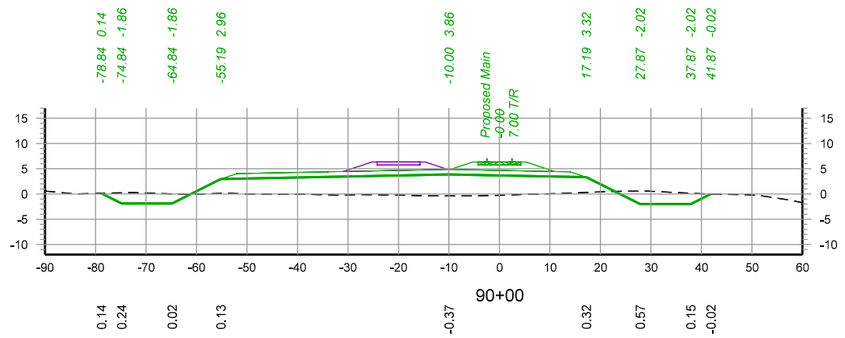
UNION PACIFIC RAILROAD

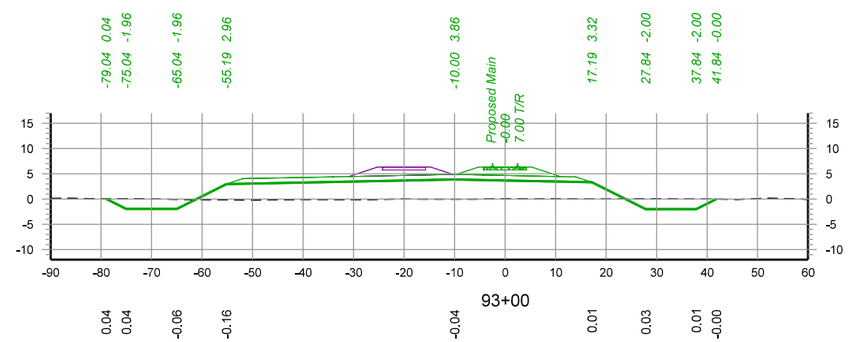
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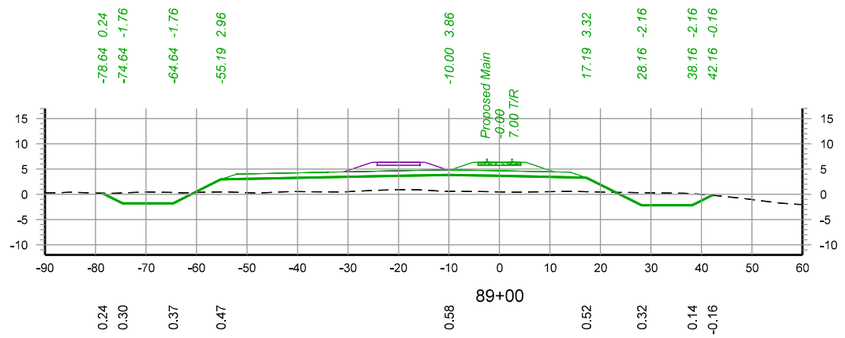
LOCATION & DESCRIPTION:
30% Design
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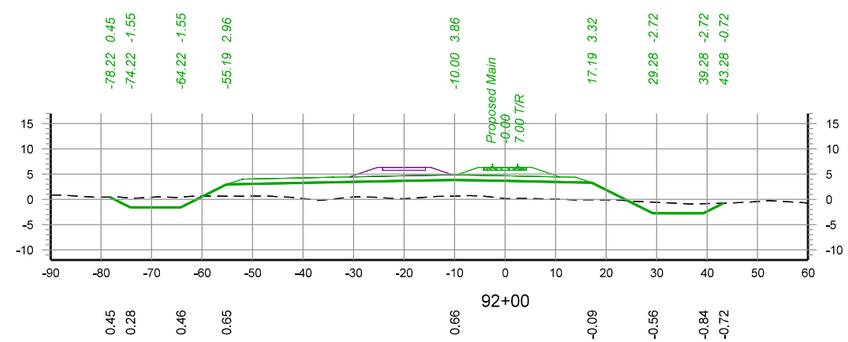
SHEET TITLE:
Cross Sections - STA. 82+00 to STA. 87+00

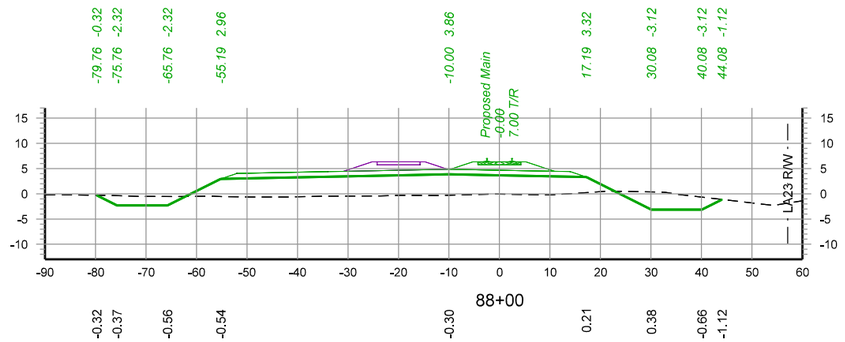
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Cross Sections - STA. 82+00 to STA. 87+00
10/20/2022

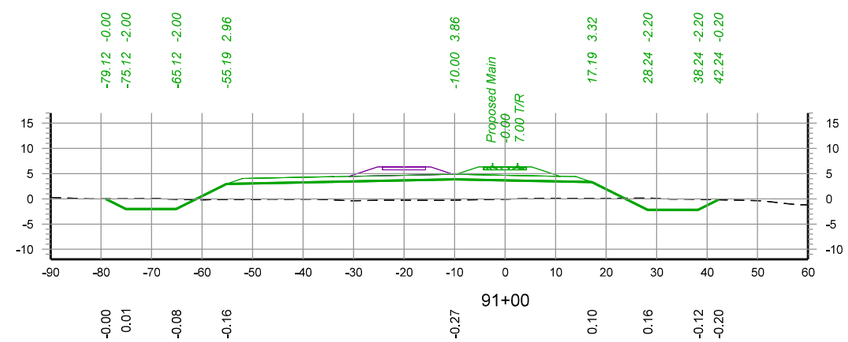












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SCALE IN FEET

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SCALE:	1"=30' (H & V)
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SHEET NUMBER	X014 of 078

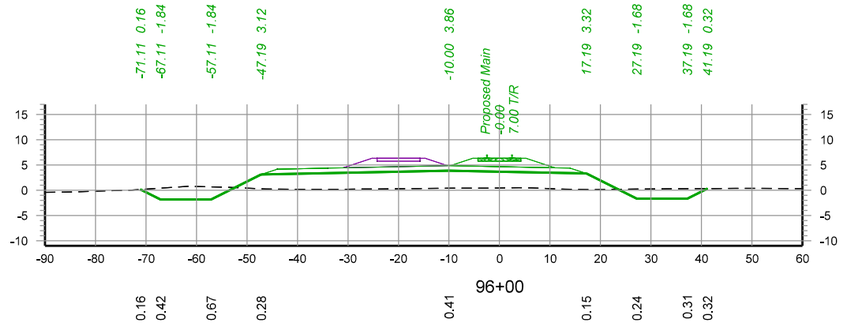
UNION PACIFIC RAILROAD

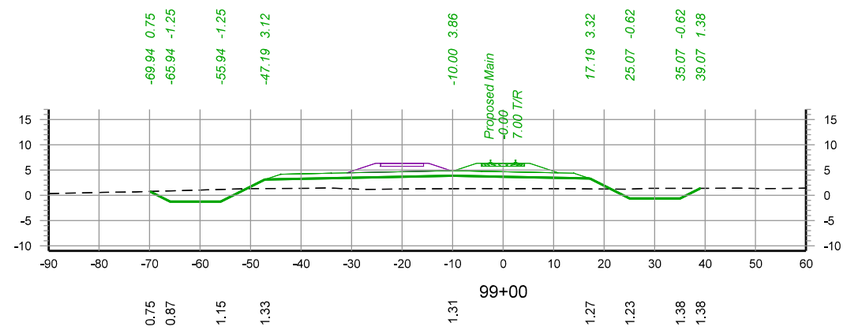
LGT MAINLINE EXTENSION

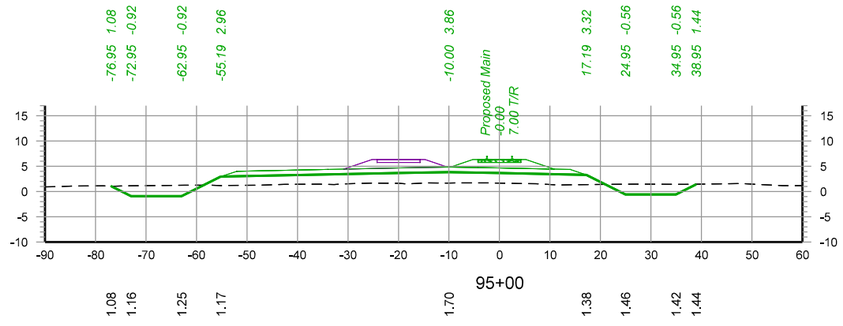
LOCATION & DESCRIPTION:
30% Design
NOGC RR Terminus (MP 24) to Future Gateway Terminal (MP 33)
Plaquemines Parish, LA

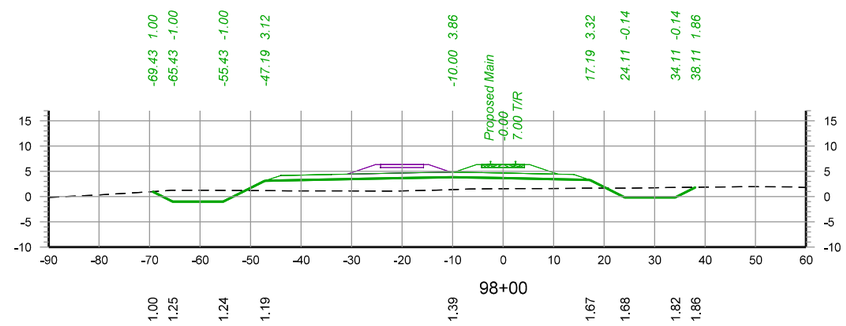
SHEET TITLE:
Cross Sections - STA. 88+00 to STA. 93+00

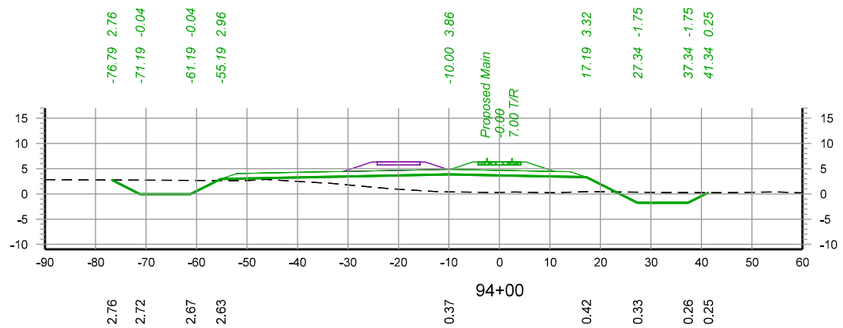
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Cross Sections - STA. 88+00 to STA. 93+00
10/20/2022

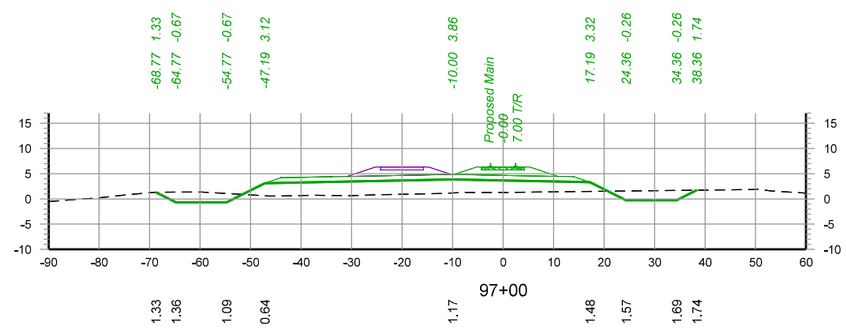












30 0 30 60

SCALE IN FEET

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REV. #	BY	DATE	DESCRIPTION
REV05		08/10/2022	
REV05.1		09/07/2022	
REV06		10/03/2022	

LEGEND:
- EXIST. TRACK
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- FUTURE TRACK
- SHOOFLY TRACK
- SHIFT TRACK
- RETIRE TRACK
- LADOTD EXIST. LA23 R/W

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ONE PENN PLAZA, 4TH FLOOR
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LICENSE No. EF.0000623

NEW ORLEANS AND GULF COAST RAILWAY CO.

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UNION PACIFIC

DRAWN BY:	EGD
CHECKED BY:	NHE
DATE:	11/02/2022
SCALE:	1"=30' (H & V)
WORK ORDER:	
PID:	
BUDGET REF:	
SHEET NUMBER	X015 of 078

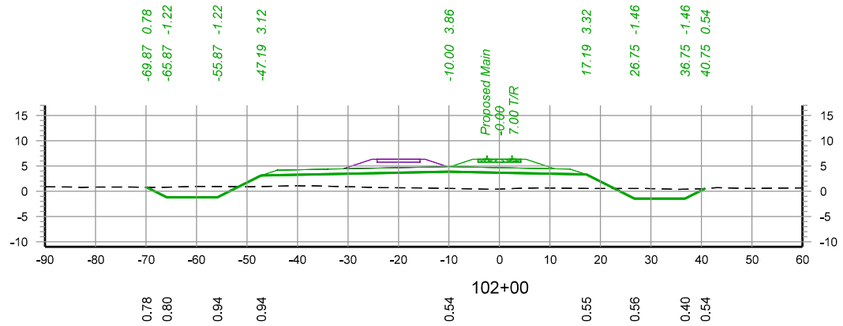
UNION PACIFIC RAILROAD

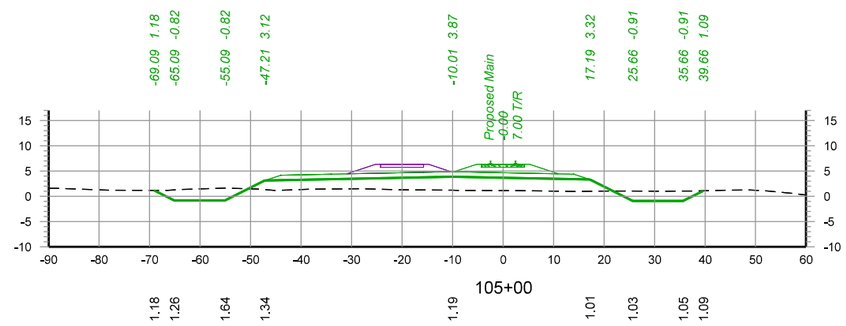
LGT MAINLINE EXTENSION

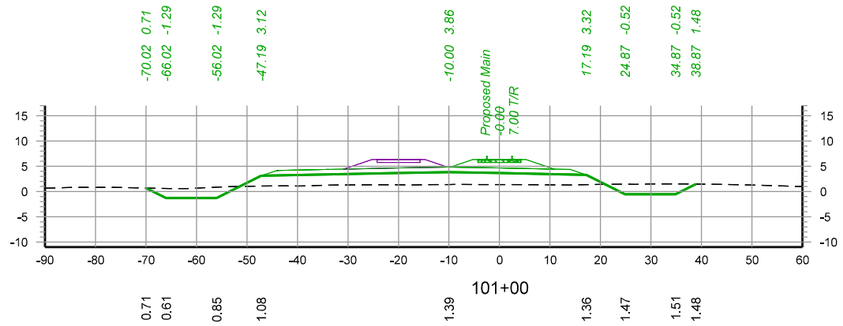
LOCATION & DESCRIPTION:
30% Design
NOGC RR Terminus (MP 24) to Future Gateway Terminal (MP 33)
Plaquemines Parish, LA

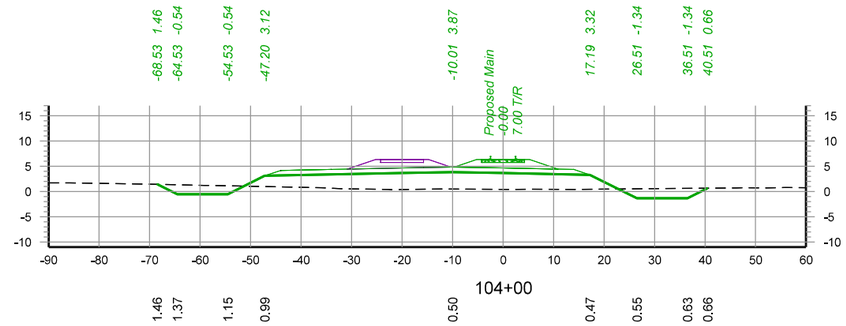
SHEET TITLE:
Cross Sections - STA. 94+00 to STA. 99+00

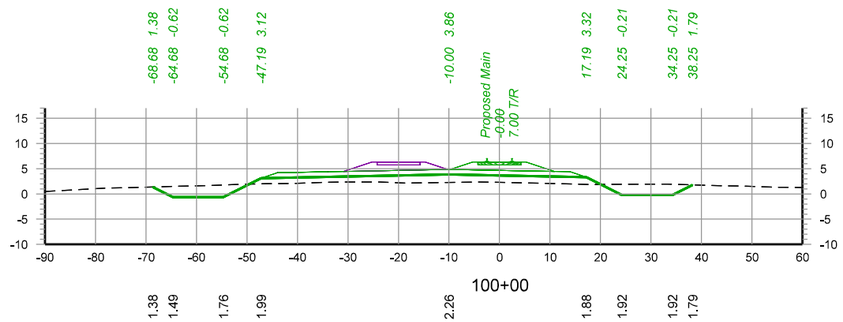
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Cross Sections - STA. 94+00 to STA. 99+00
10/20/2022

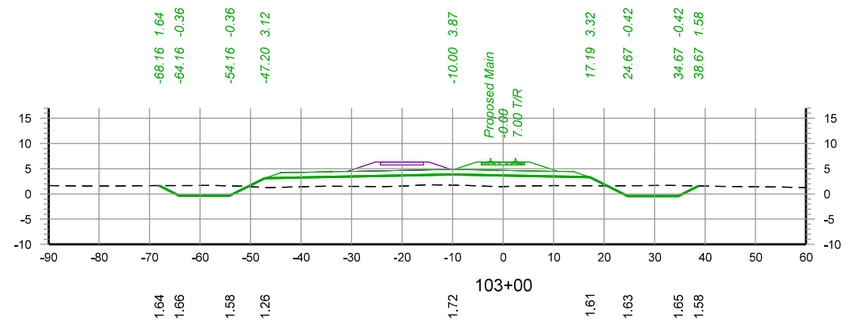












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SCALE IN FEET

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REV05		08/10/2022	
REV05.1		09/07/2022	
REV06		10/03/2022	

LEGEND:
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DRAWN BY:	EGD
CHECKED BY:	NHE
DATE:	11/02/2022
SCALE:	1"=30' (H & V)
WORK ORDER:	
PID:	
BUDGET REF:	
SHEET NUMBER	X016 of 078

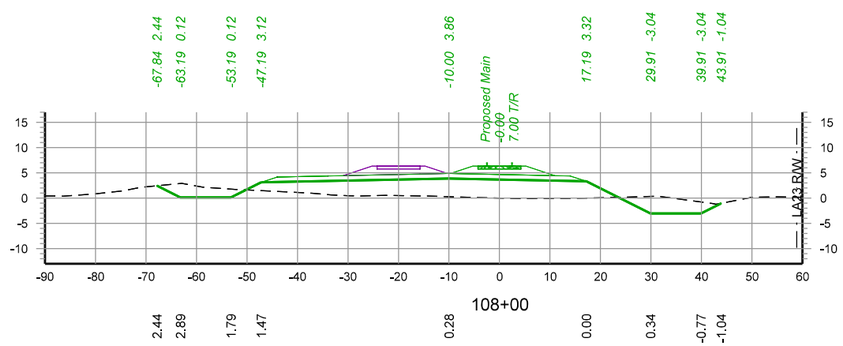
UNION PACIFIC RAILROAD

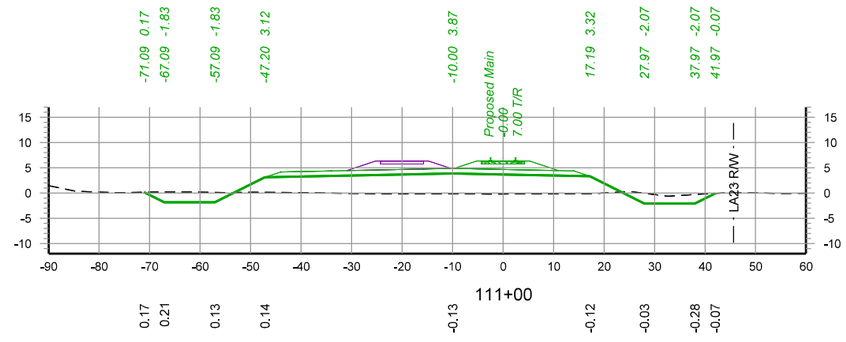
LGT MAINLINE EXTENSION

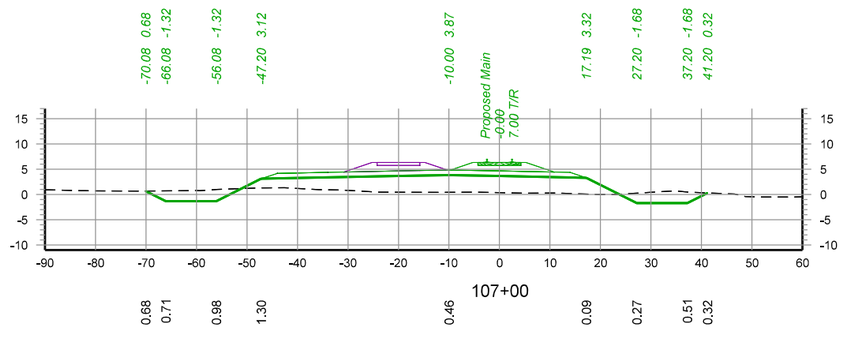
LOCATION & DESCRIPTION:
30% Design
NOGC RR Terminus (MP 24) to Future Gateway Terminal (MP 33)
Plaquemines Parish, LA

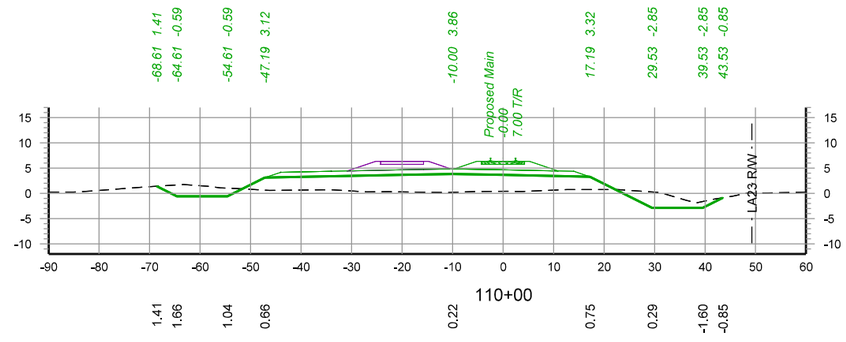
SHEET TITLE:
Cross Sections - STA. 100+00 to STA. 105+00

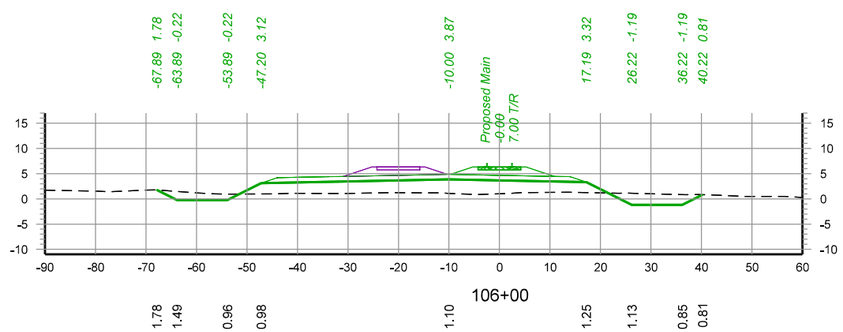
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pw://HDR_PW_DTSNME///
Cross Sections - STA.100+00 to STA.105+00
10/20/2022

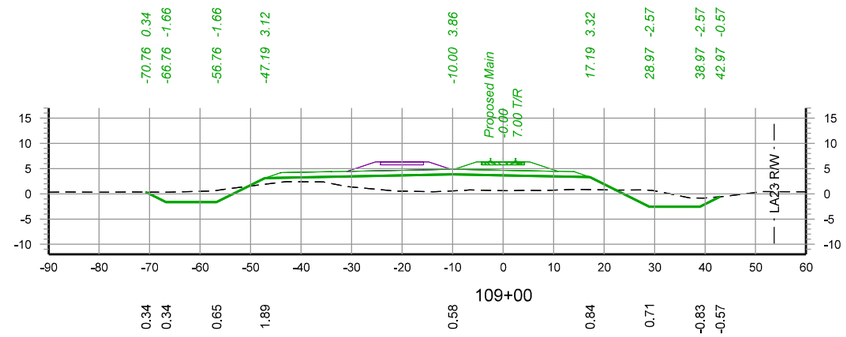












30 0 30 60

SCALE IN FEET

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REV. #	BY	DATE	DESCRIPTION
REV05		08/10/2022	
REV05.1		09/07/2022	
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LEGEND:
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DRAWN BY: EGD
CHECKED BY: NHE
DATE: 11/02/2022
SCALE: 1"=30' (H & V)
WORK ORDER:
PID:
BUDGET REF:
SHEET NUMBER: X017 of 078

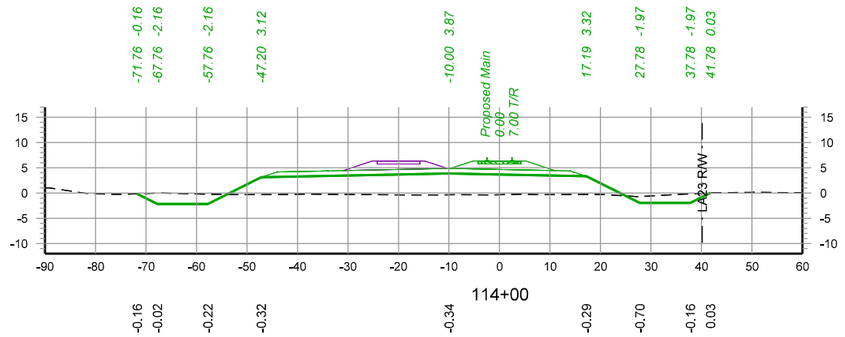
UNION PACIFIC RAILROAD

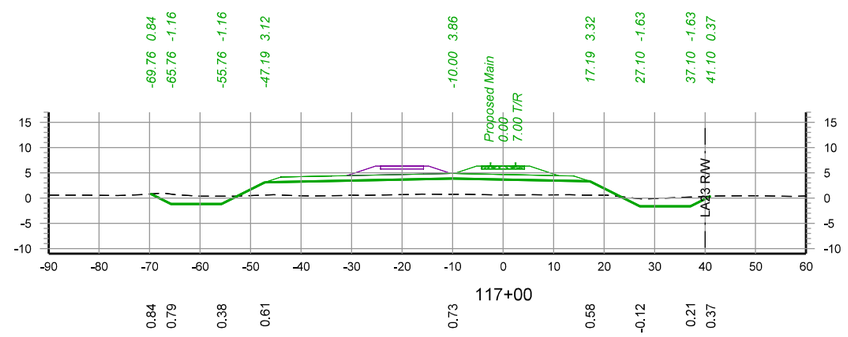
LGT MAINLINE EXTENSION

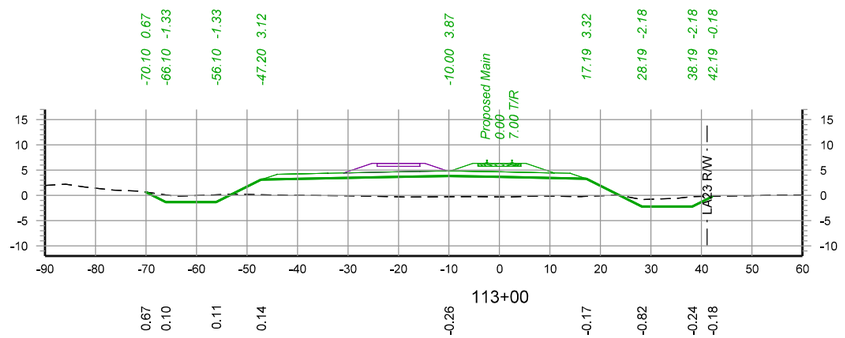
LOCATION & DESCRIPTION:
30% Design
NOGC RR Terminus (MP 24) to Future Gateway Terminal (MP 33)
Plaquemines Parish, LA

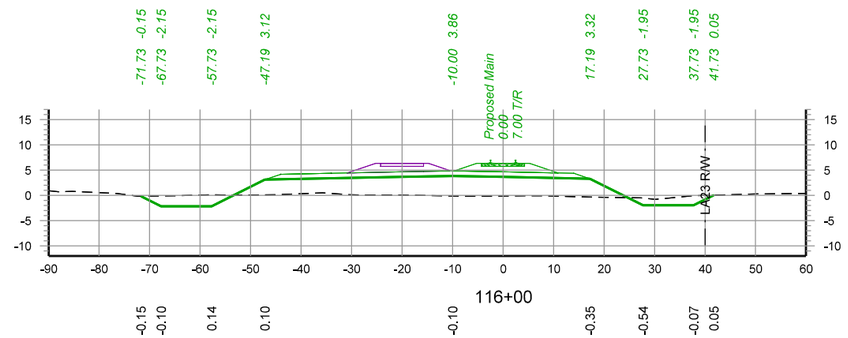
SHEET TITLE:
Cross Sections - STA. 106+00 to STA. 111+00

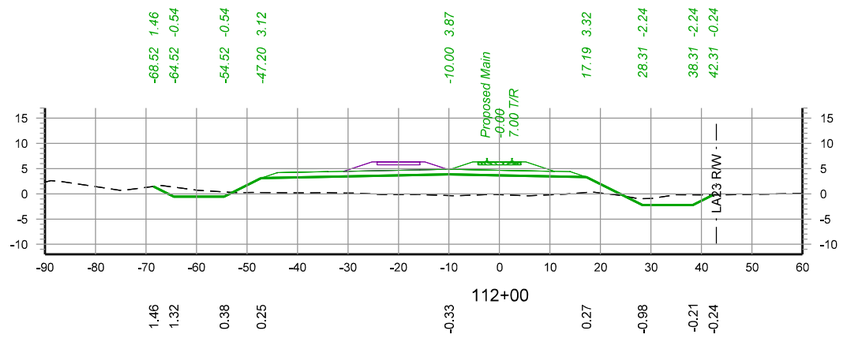
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Cross Sections - STA.106+00 to STA. 111+00
10/20/2022

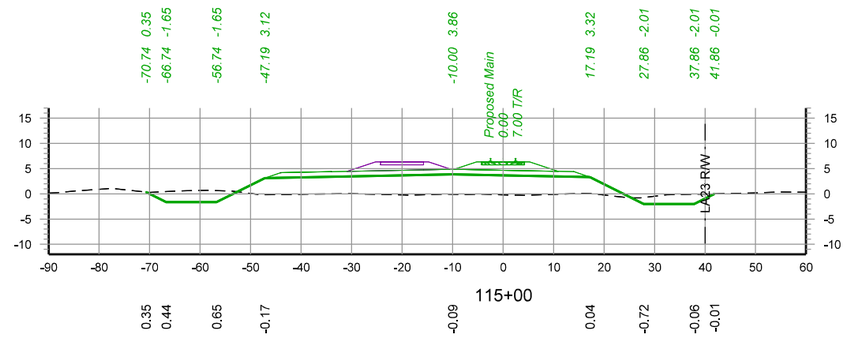












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REV. #	BY	DATE	DESCRIPTION
REV05		08/10/2022	
REV05.1		09/07/2022	
REV06		10/03/2022	

LEGEND:
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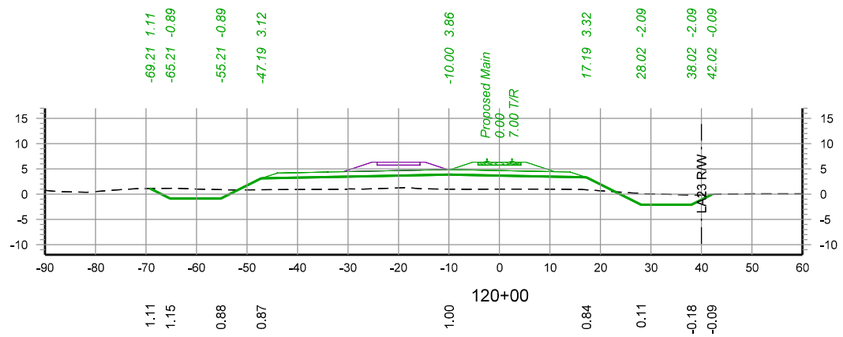
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CHECKED BY:	NHE
DATE:	11/02/2022
SCALE:	1"=30' (H & V)
WORK ORDER:	
PID:	
BUDGET REF:	
SHEET NUMBER	X018 of 078

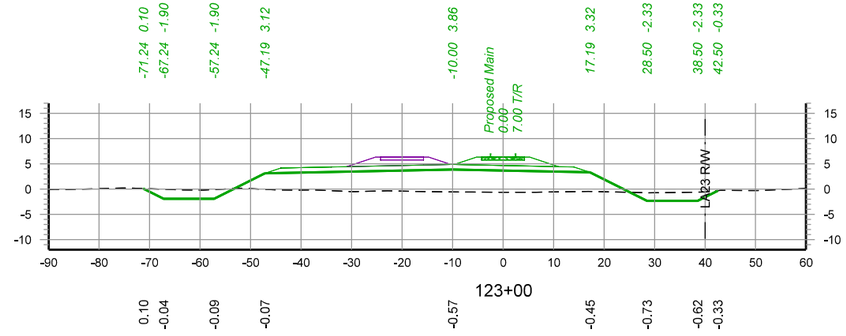
UNION PACIFIC RAILROAD — LGT MAINLINE EXTENSION

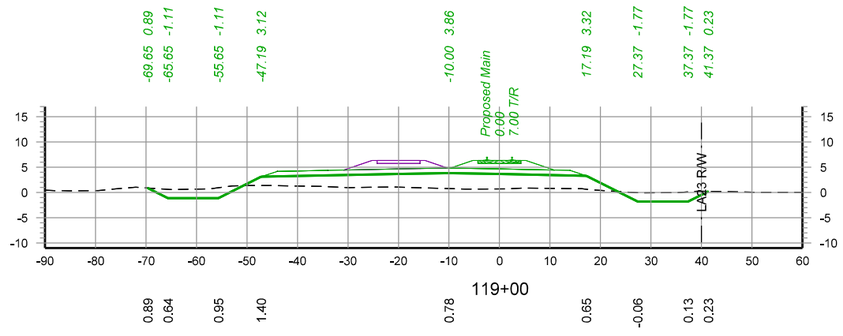
LOCATION & DESCRIPTION:
30% Design
NOGC RR Terminus (MP 24) to Future Gateway Terminal (MP 33)
Plaquemines Parish, LA

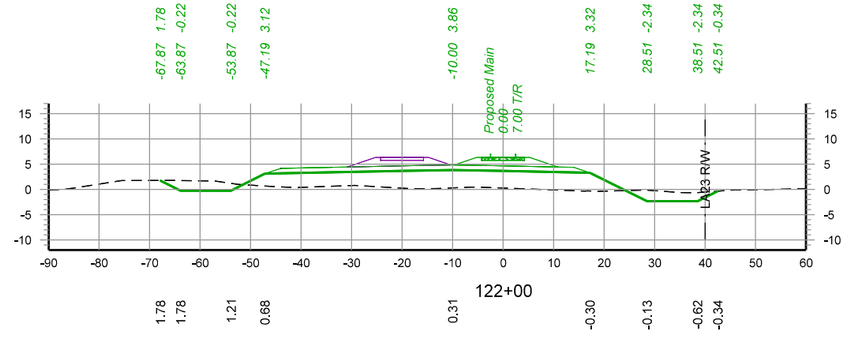
SHEET TITLE:
Cross Sections - STA. 112+00 to STA. 117+00

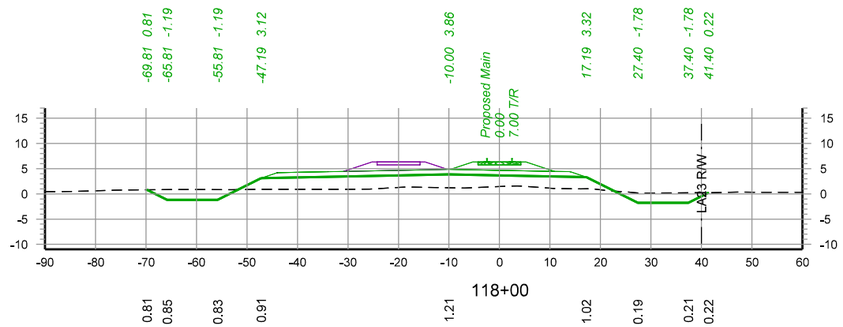
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Cross Sections - STA. 112+00 to STA. 117+00
10/20/2022

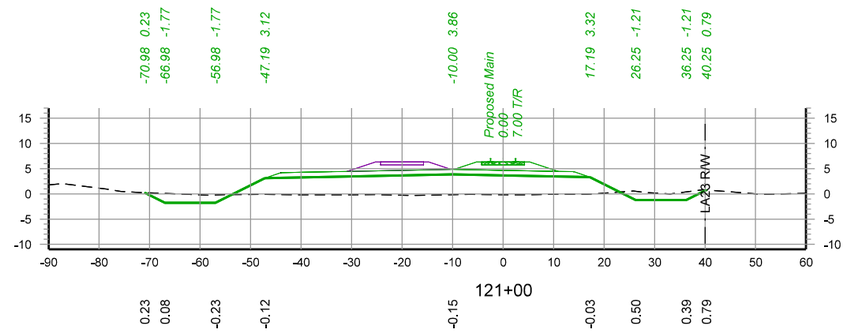












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SCALE IN FEET

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REV05		08/10/2022	
REV05.1		09/07/2022	
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LEGEND:
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DRAWN BY:	EGD
CHECKED BY:	NHE
DATE:	11/02/2022
SCALE:	1"=30' (H & V)
WORK ORDER:	
PID:	
BUDGET REF:	
SHEET NUMBER	X019 of 078

UNION PACIFIC RAILROAD

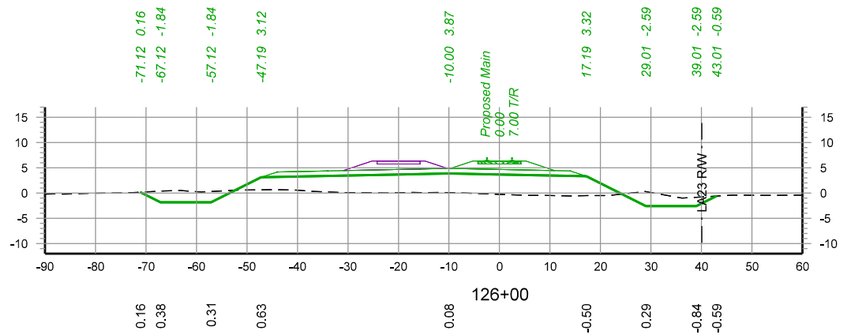
LGT MAINLINE EXTENSION

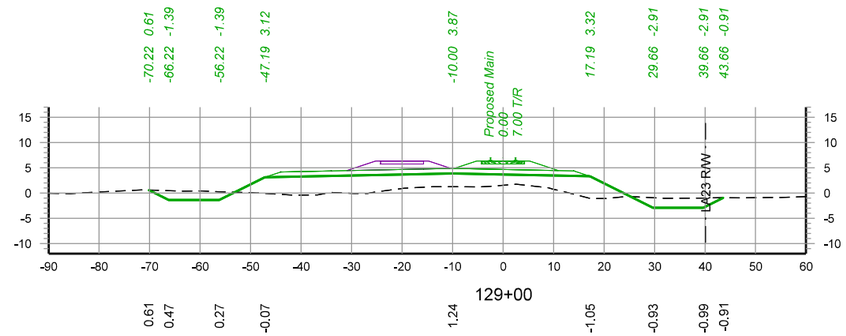
LOCATION & DESCRIPTION:
30% Design
NOGC RR Terminus (MP 24) to Future Gateway Terminal (MP 33)
Plaquemines Parish, LA

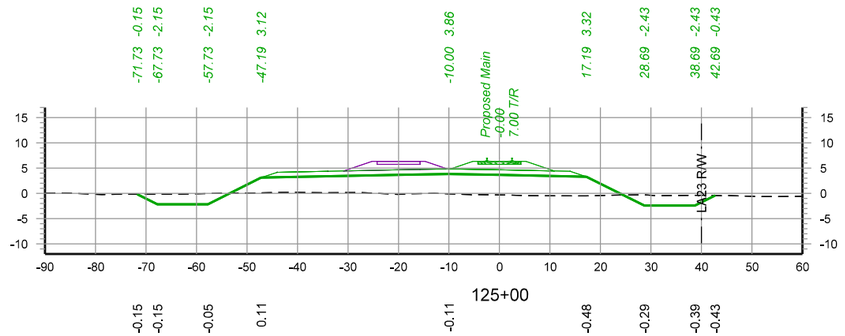
SHEET TITLE:
Cross Sections - STA. 118+00 to STA. 123+00

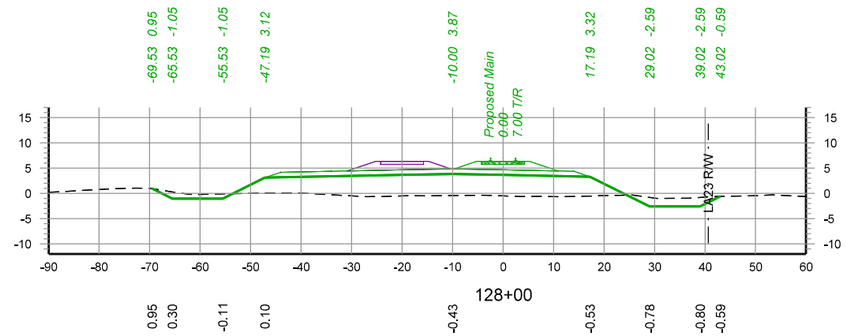
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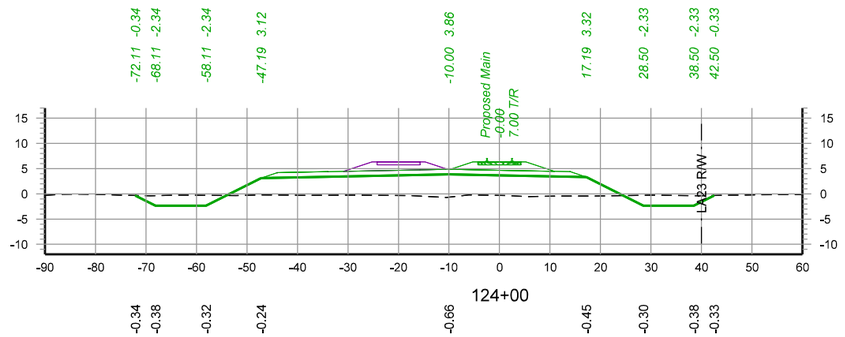
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Cross Sections - STA. 118+00 to STA. 123+00
10/20/2022

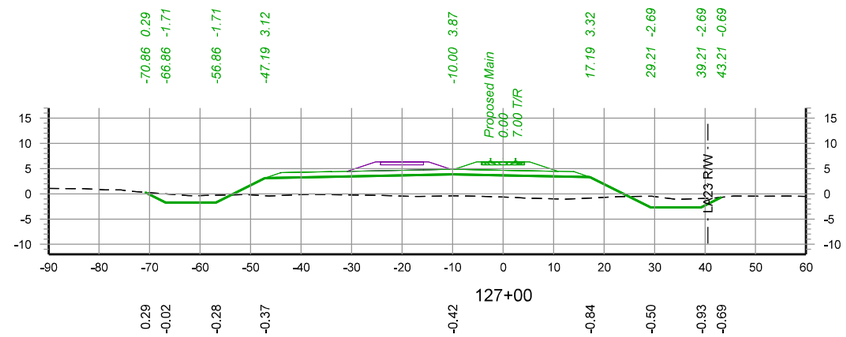












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LEGEND:
- EXIST. TRACK
- PROPOSED TRACK
- FUTURE TRACK
- SHOOFLY TRACK
- SHIFT TRACK
- RETIRE TRACK
- LADOTD EXIST. LA23 R/W

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DATE:	11/02/2022
SCALE:	1"=30' (H & V)
WORK ORDER:	
PID:	
BUDGET REF:	
SHEET NUMBER	X020 of 078

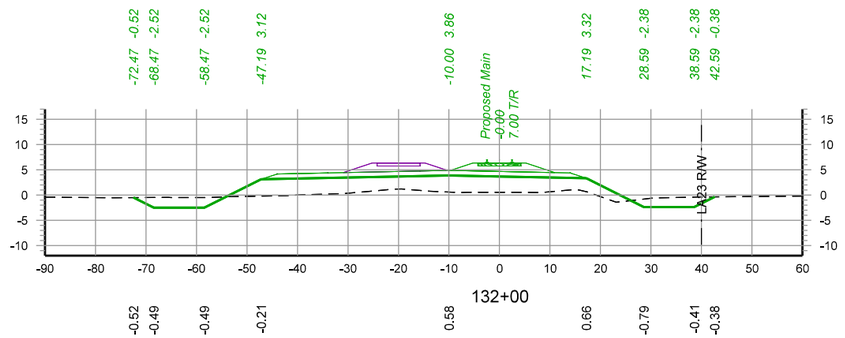
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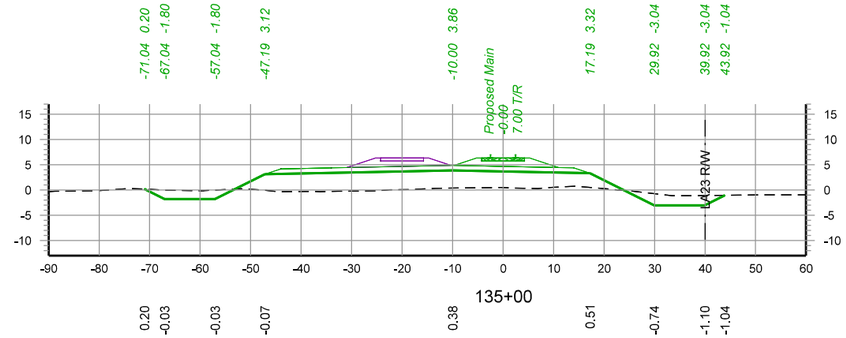
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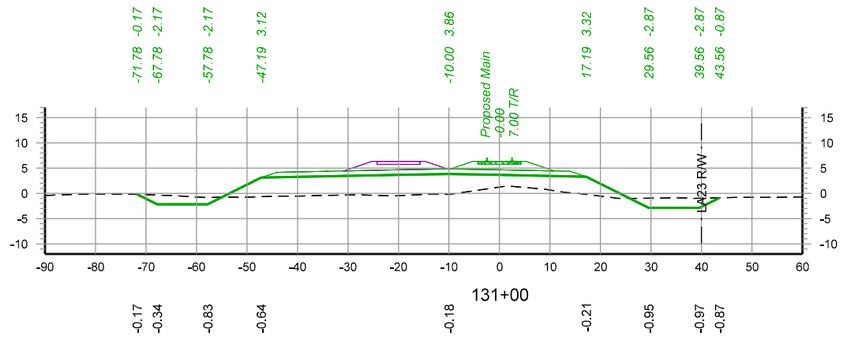
LOCATION & DESCRIPTION:
30% Design
NOGC RR Terminus (MP 24) to Future Gateway Terminal (MP 33)
Plaquemines Parish, LA

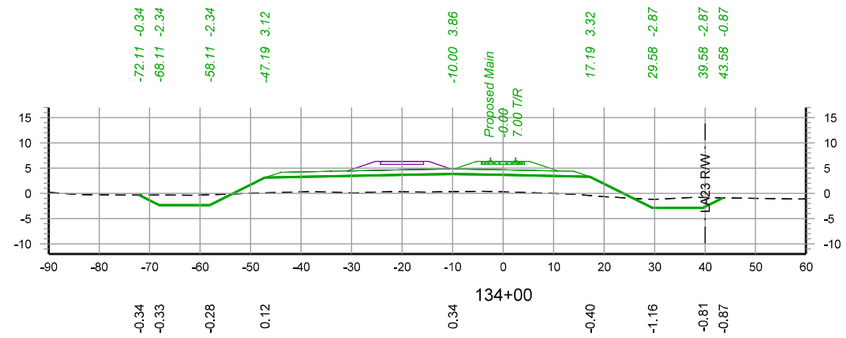
SHEET TITLE:
Cross Sections - STA. 124+00 to STA. 129+00

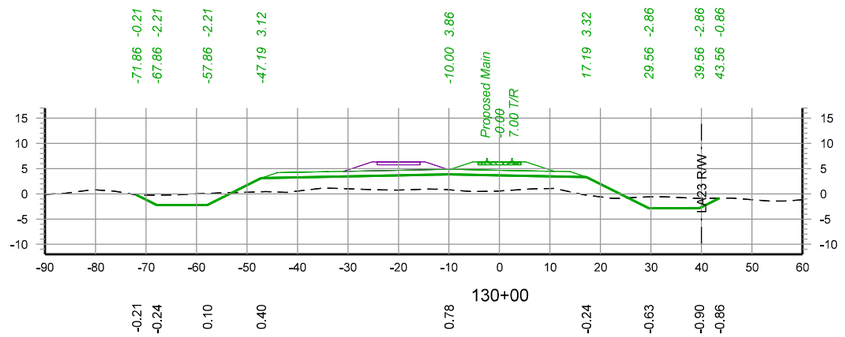
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Cross Sections - STA.124+00 to STA.129+00
10/20/2022

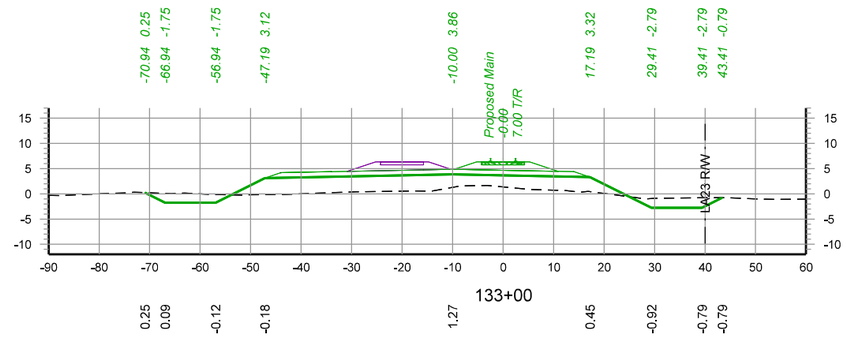












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REV. #	BY	DATE	DESCRIPTION
REV05		08/10/2022	
REV05.1		09/07/2022	
REV06		10/03/2022	

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SCALE:	1"=30' (H & V)
WORK ORDER:	
PID:	
BUDGET REF:	
SHEET NUMBER	X021 of 078

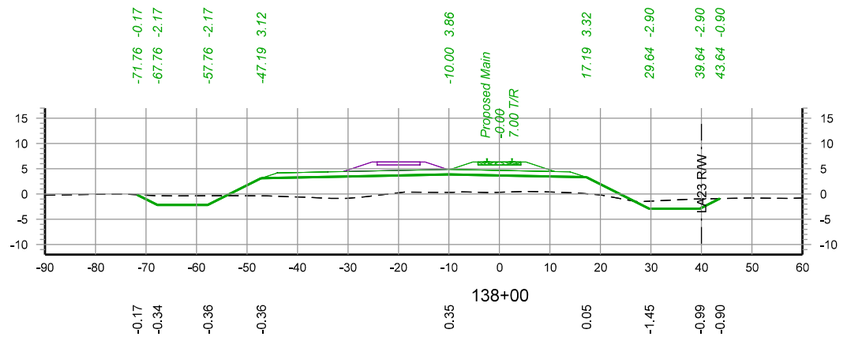
UNION PACIFIC RAILROAD

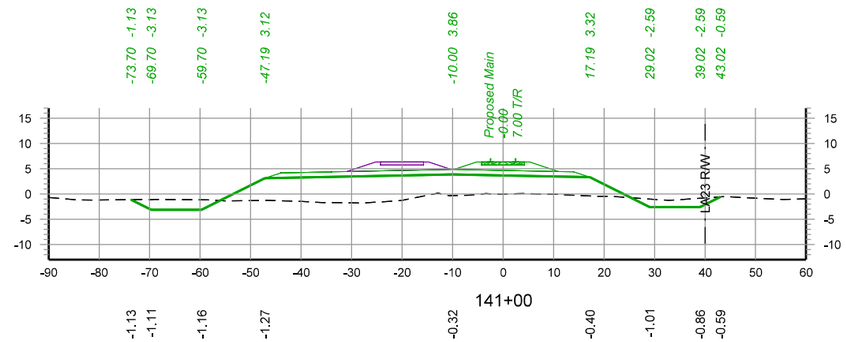
LGT MAINLINE EXTENSION

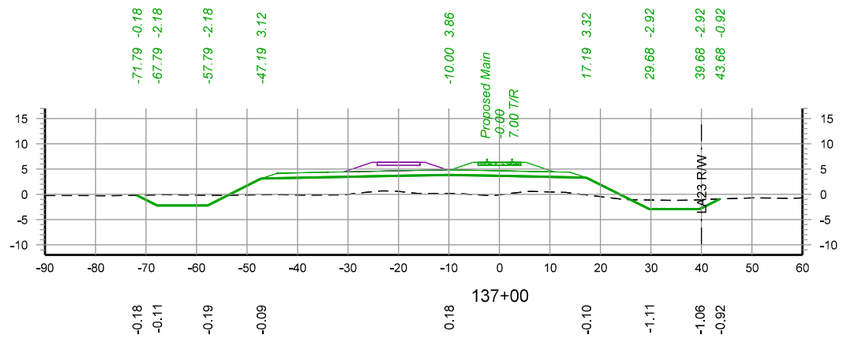
LOCATION & DESCRIPTION:
30% Design
NOGC RR Terminus (MP 24) to Future Gateway Terminal (MP 33)
Plaquemines Parish, LA

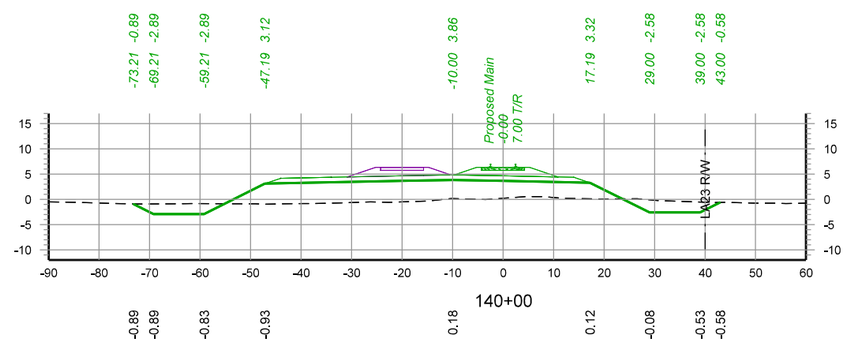
SHEET TITLE:
Cross Sections - STA. 130+00 to STA. 135+00

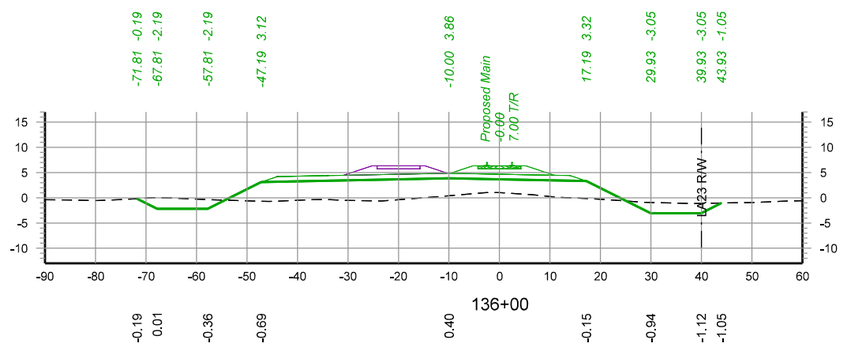
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Cross Sections - STA. 130+00 to STA. 135+00
10/20/2022

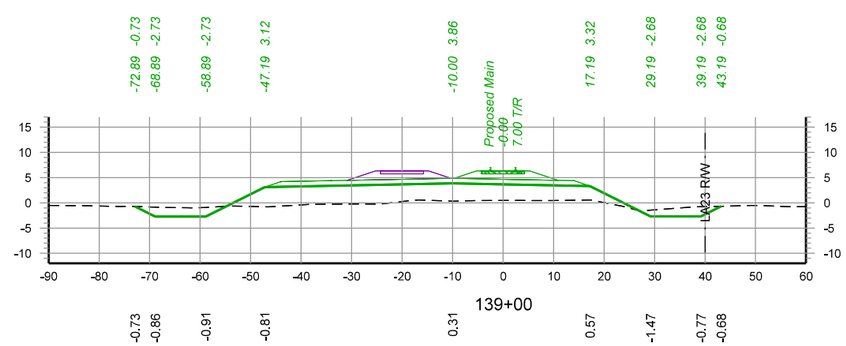












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REV05		08/10/2022	
REV05.1		09/07/2022	
REV06		10/03/2022	

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SCALE:	1"=30' (H & V)
WORK ORDER:	
PID:	
BUDGET REF:	
SHEET NUMBER	X022 of 078

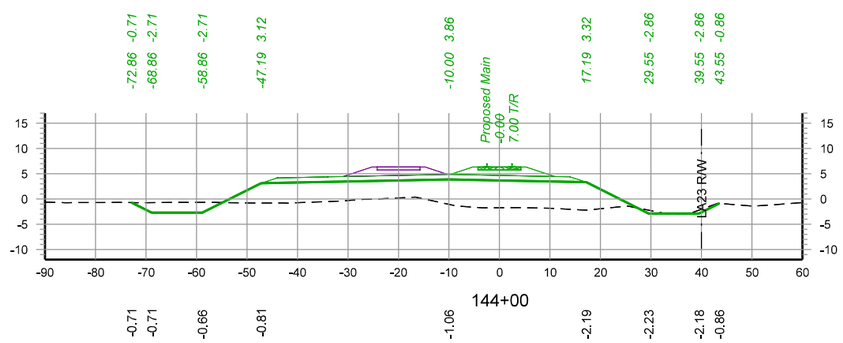
UNION PACIFIC RAILROAD

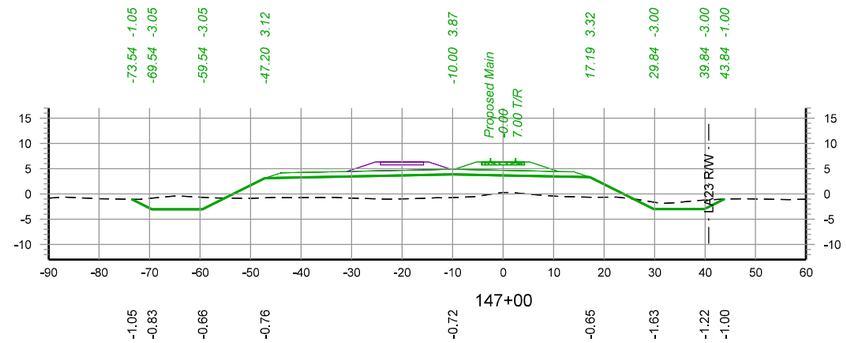
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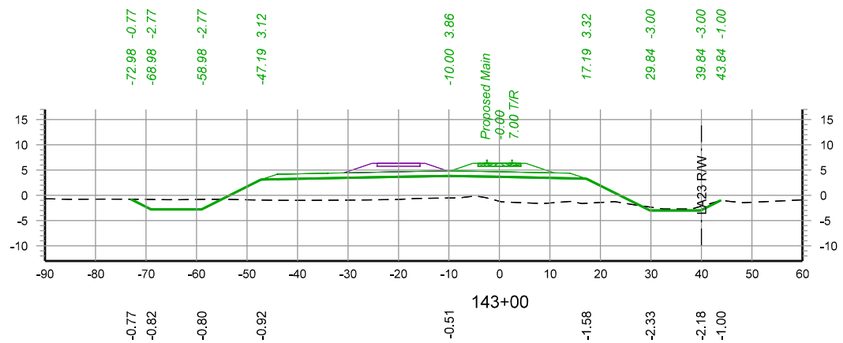
LOCATION & DESCRIPTION:
30% Design
NOGC RR Terminus (MP 24) to Future Gateway Terminal (MP 33)
Plaquemines Parish, LA

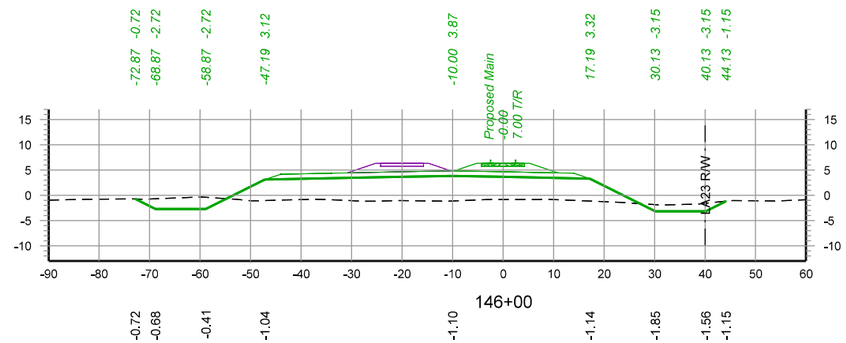
SHEET TITLE:
Cross Sections - STA. 136+00 to STA. 141+00

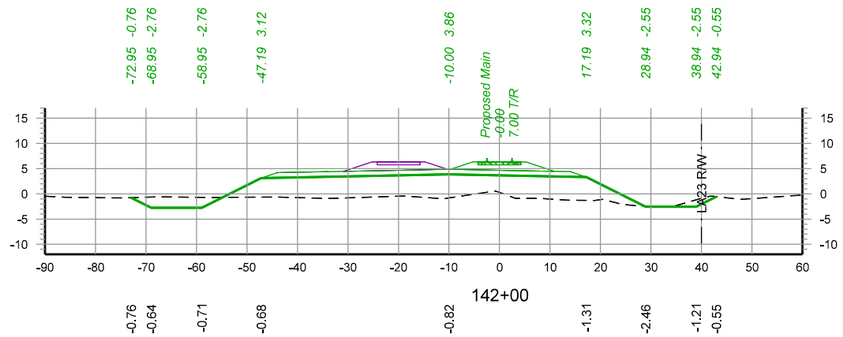
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Cross Sections - STA. 136+00 to STA. 141+00
10/20/2022

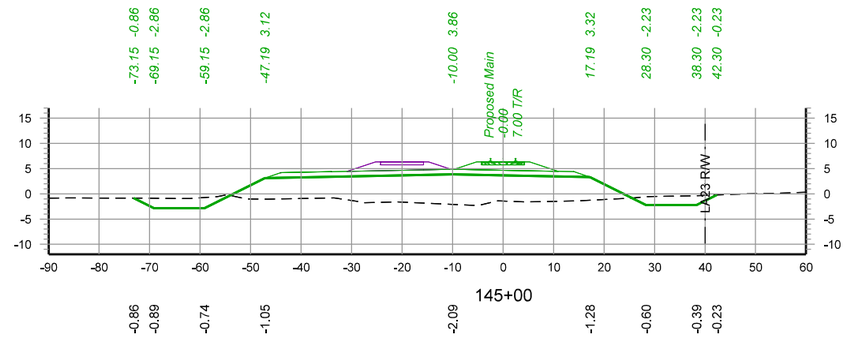












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REV. #	BY	DATE	DESCRIPTION
REV05		08/10/2022	
REV05.1		09/07/2022	
REV06		10/03/2022	

LEGEND:
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SCALE:	1"=30' (H & V)
WORK ORDER:	
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BUDGET REF:	
SHEET NUMBER	X023 of 078

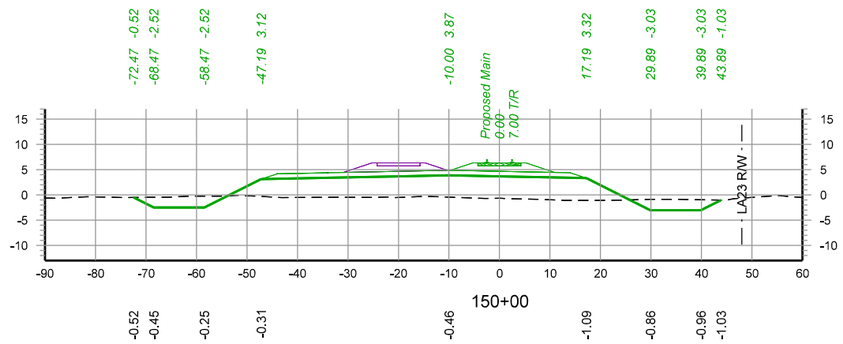
UNION PACIFIC RAILROAD

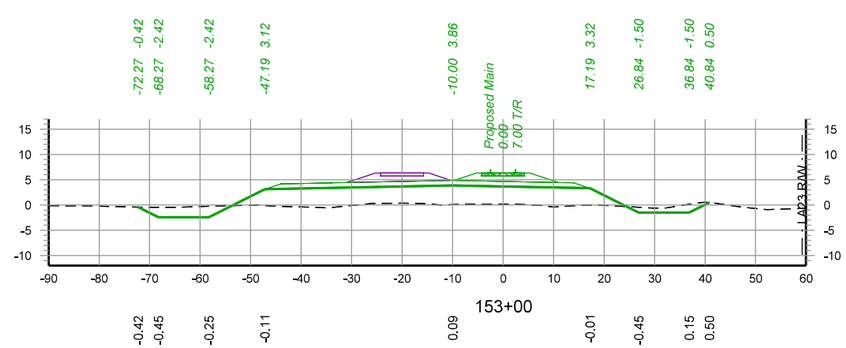
LGT MAINLINE EXTENSION

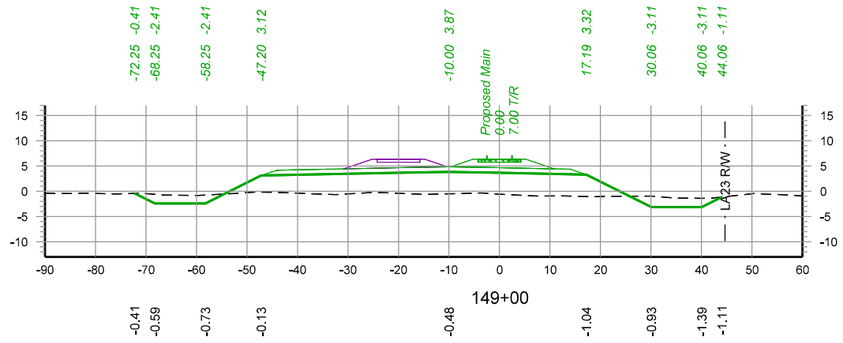
LOCATION & DESCRIPTION:
30% Design
NOGC RR Terminus (MP 24) to Future Gateway Terminal (MP 33)
Plaquemines Parish, LA

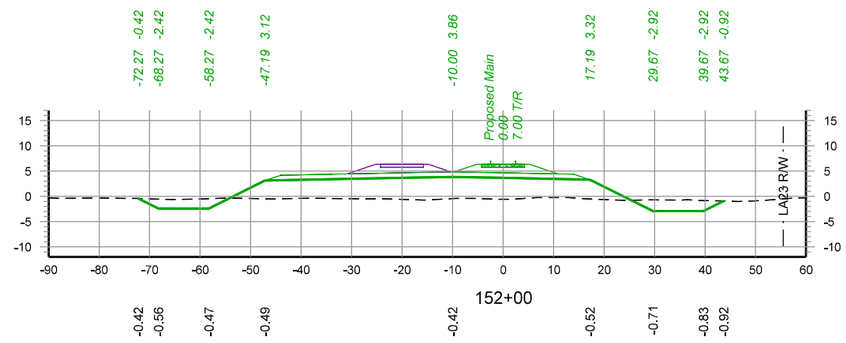
SHEET TITLE:
Cross Sections - STA. 142+00 to STA. 147+00

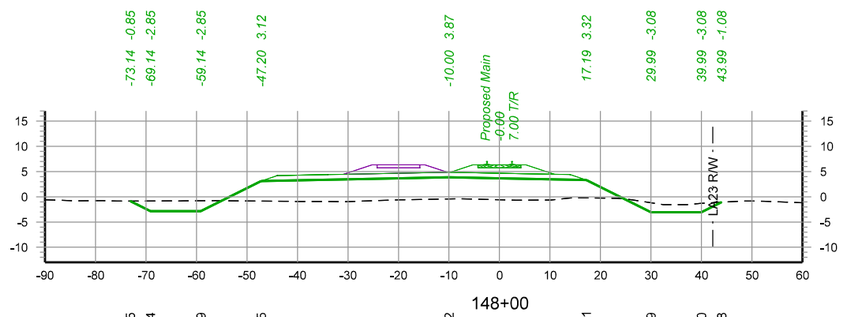
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Cross Sections - STA. 142+00 to STA. 147+00
10/20/2022

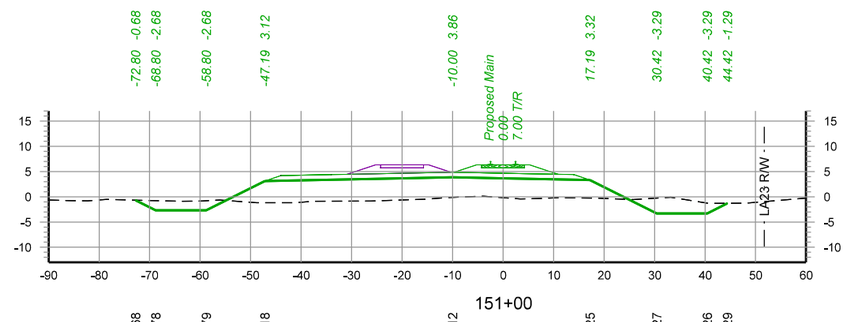












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REV. #	BY	DATE	DESCRIPTION
REV05		08/10/2022	
REV05.1		09/07/2022	
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LEGEND:
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WORK ORDER:	
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SHEET NUMBER	X024 of 078

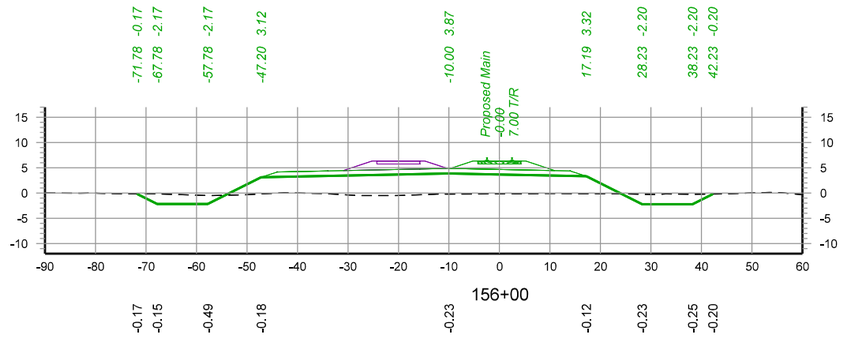
UNION PACIFIC RAILROAD

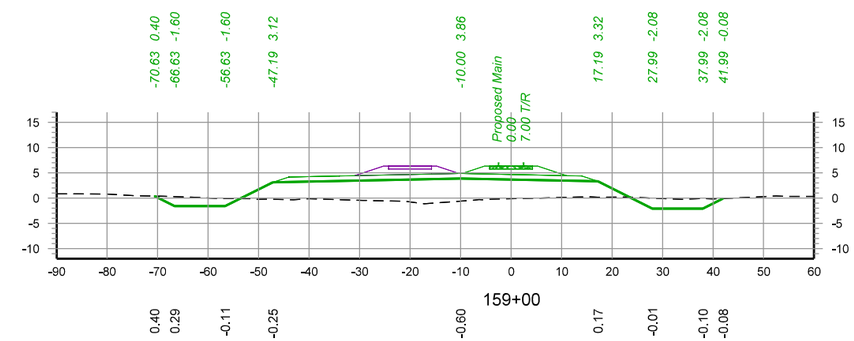
LGT MAINLINE EXTENSION

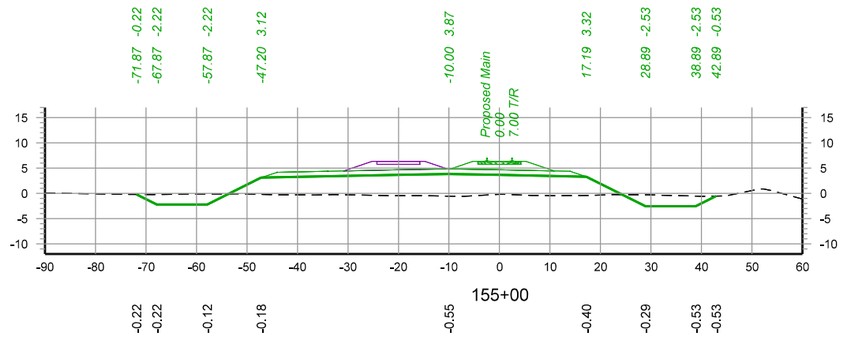
LOCATION & DESCRIPTION:
30% Design
NOGC RR Terminus (MP 24) to Future Gateway Terminal (MP 33)
Plaquemines Parish, LA

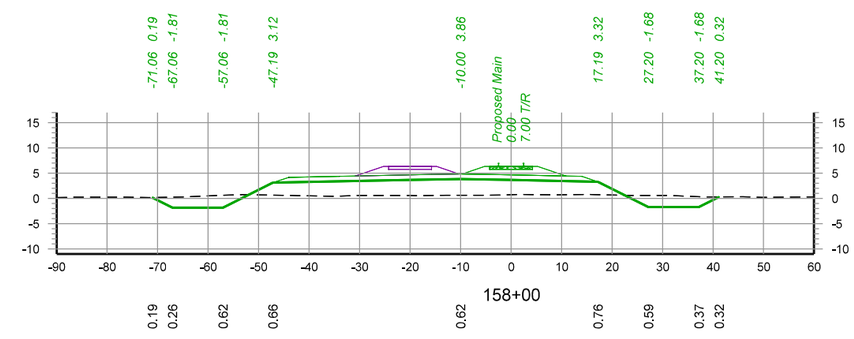
SHEET TITLE:
Cross Sections - STA. 148+00 to STA. 153+00

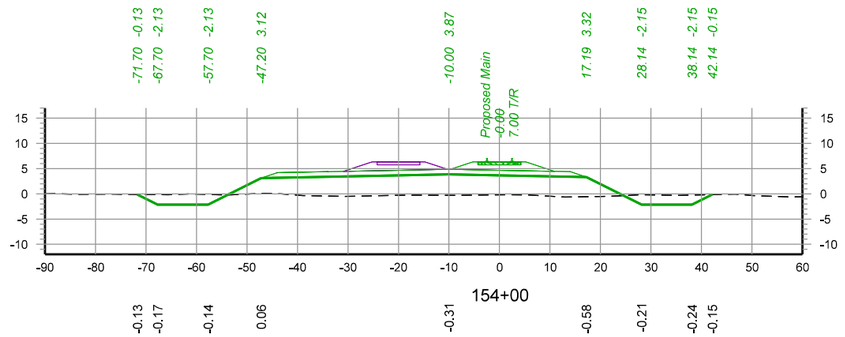
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Cross Sections - STA. 148+00 to STA. 153+00
10/20/2022

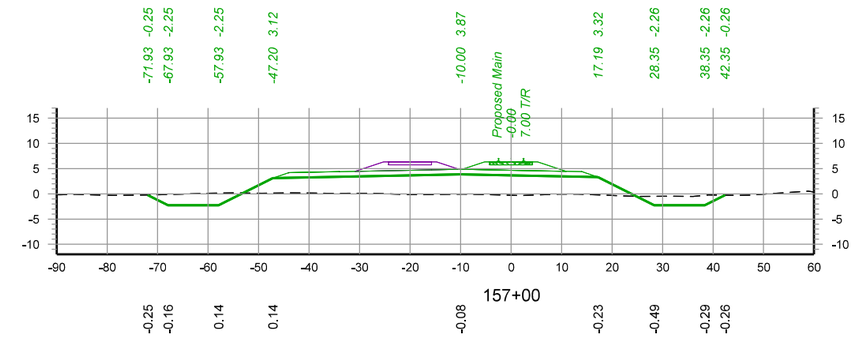












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SHEET NUMBER	X025 of 078

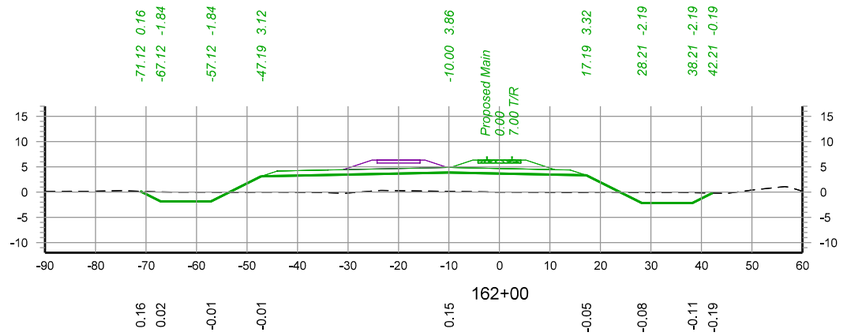
UNION PACIFIC RAILROAD

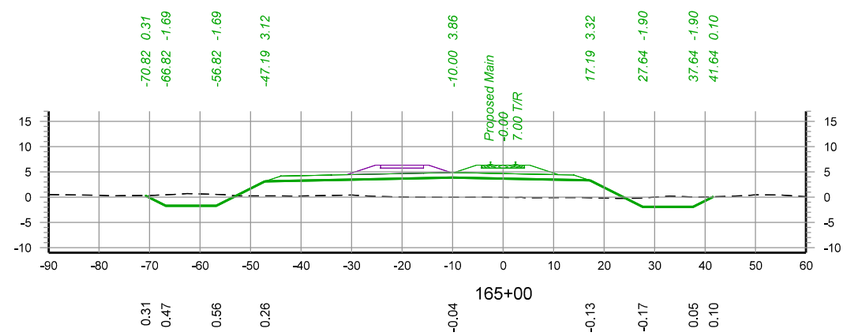
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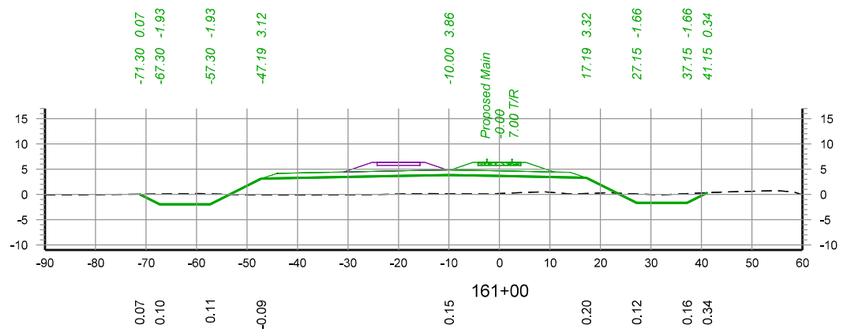
LOCATION & DESCRIPTION:
30% Design
NOGC RR Terminus (MP 24) to Future Gateway Terminal (MP 33)
Plaquemines Parish, LA

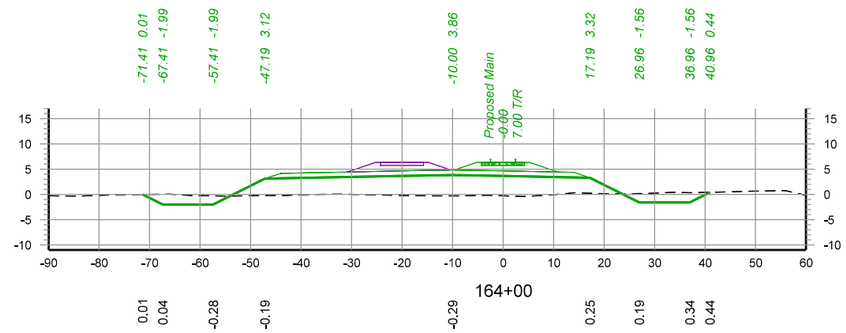
SHEET TITLE:
Cross Sections - STA. 154+00 to STA. 159+00

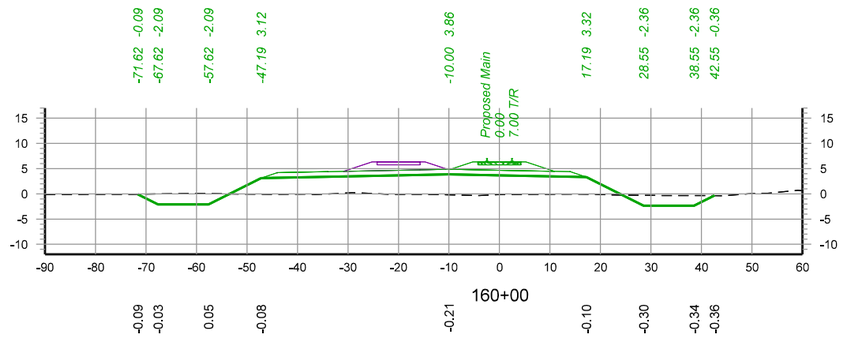
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Cross Sections - STA. 154+00 to STA. 159+00
10/20/2022

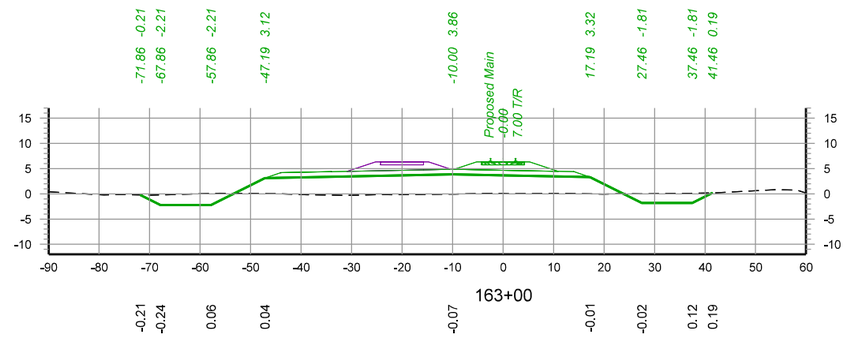












30 0 30 60

SCALE IN FEET

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REV. #	BY	DATE	DESCRIPTION
REV05		08/10/2022	
REV05.1		09/07/2022	
REV06		10/03/2022	

LEGEND:
- EXIST. TRACK
- PROPOSED TRACK
- FUTURE TRACK
- SHOOFLY TRACK
- SHIFT TRACK
- RETIRE TRACK
- LADOTD EXIST. LA23 R/W

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NEW ORLEANS AND GULF COAST RAILWAY CO.

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DRAWN BY:	EGD
CHECKED BY:	NHE
DATE:	11/02/2022
SCALE:	1"=30' (H & V)
WORK ORDER:	
PID:	
BUDGET REF:	
SHEET NUMBER	X026 of 078

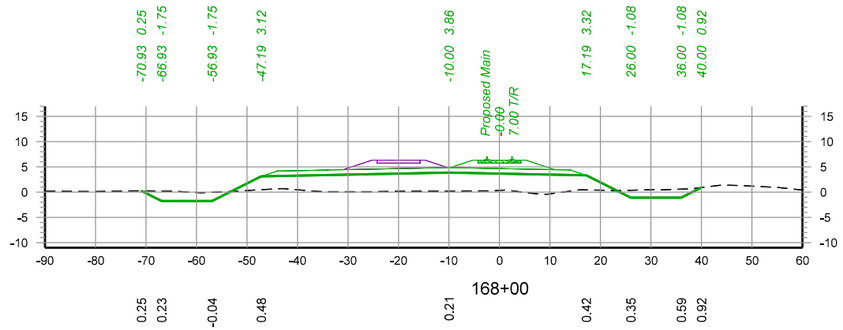
UNION PACIFIC RAILROAD

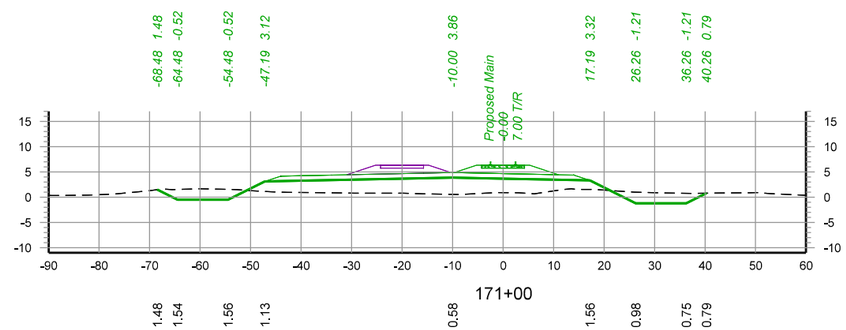
LGT MAINLINE EXTENSION

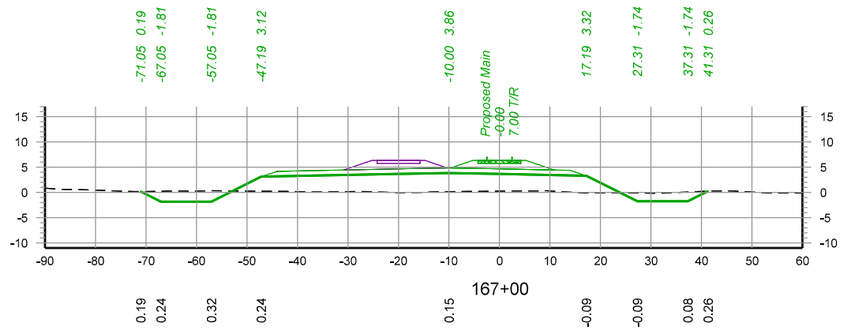
LOCATION & DESCRIPTION:
30% Design
NOGC RR Terminus (MP 24) to Future Gateway Terminal (MP 33)
Plaquemines Parish, LA

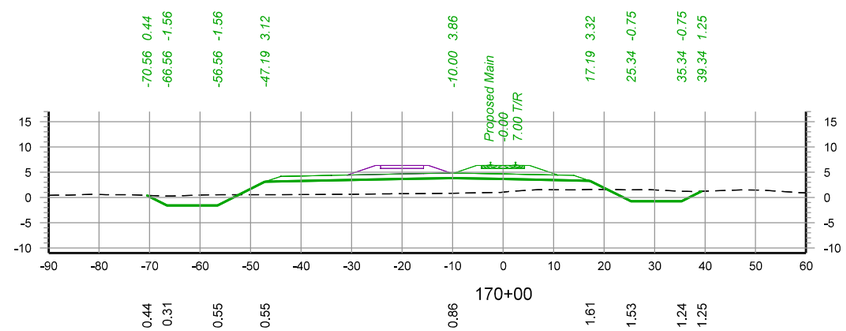
SHEET TITLE:
Cross Sections - STA. 160+00 to STA. 165+00

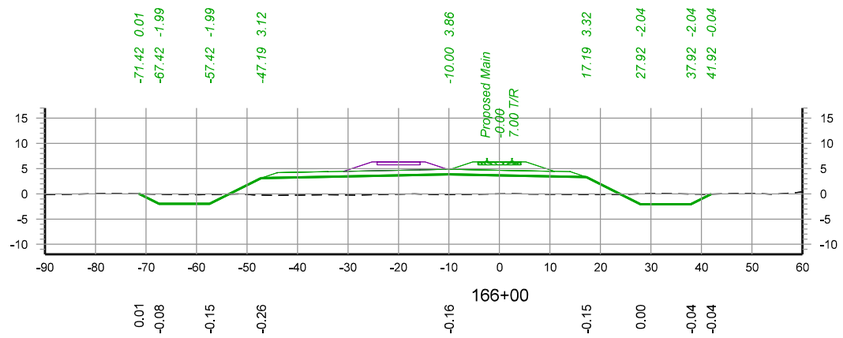
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Cross Sections - STA. 160+00 to STA. 165+00
10/20/2022

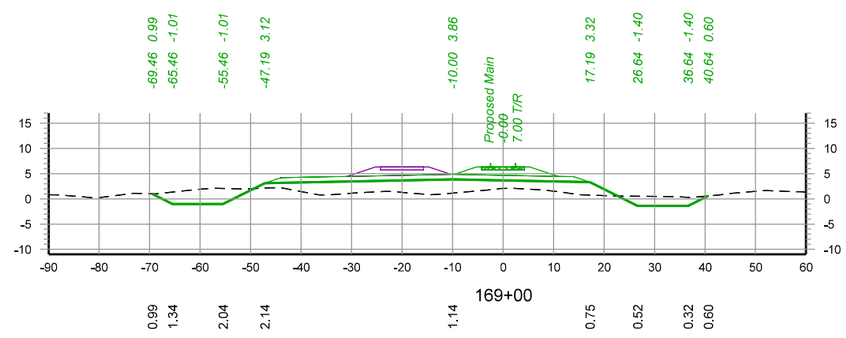












30 0 30 60

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REV. #	BY	DATE	DESCRIPTION
REV05		08/10/2022	
REV05.1		09/07/2022	
REV06		10/03/2022	

LEGEND:
- EXIST. TRACK
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DRAWN BY: EGD
CHECKED BY: NHE
DATE: 11/02/2022
SCALE: 1"=30' (H & V)
WORK ORDER:
PID:
BUDGET REF:
SHEET NUMBER: X027 of 078

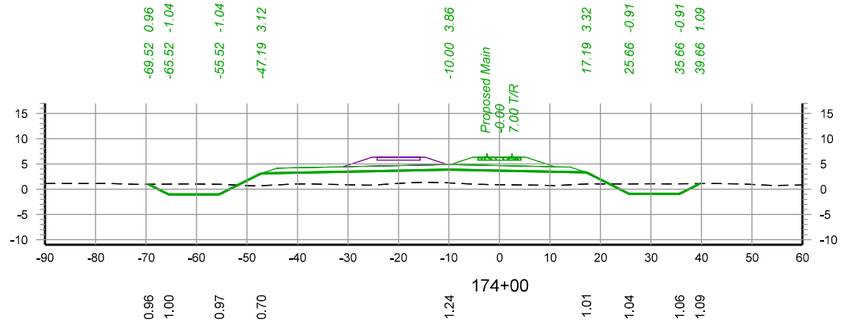
UNION PACIFIC RAILROAD

LGT MAINLINE EXTENSION

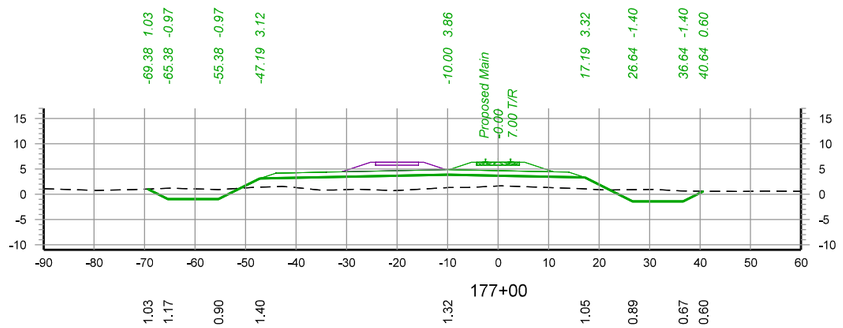
LOCATION & DESCRIPTION:
30% Design
NOGC RR Terminus (MP 24) to Future Gateway Terminal (MP 33)
Plaquemines Parish, LA

SHEET TITLE:
Cross Sections - STA. 166+00 to STA. 171+00

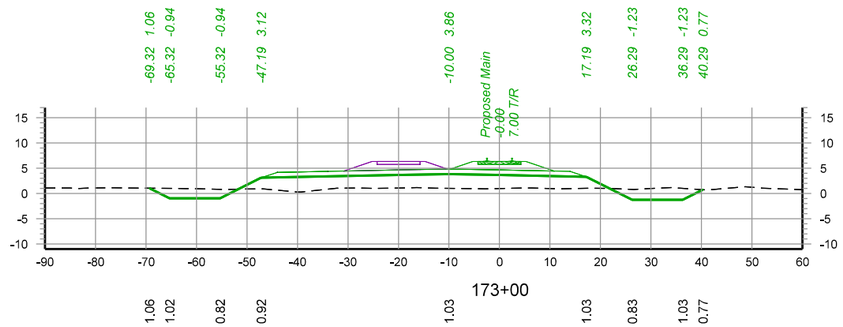
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pw://HDR_PW_DTSNME///
Cross Sections - STA. 166+00 to STA. 171+00
10/20/2022



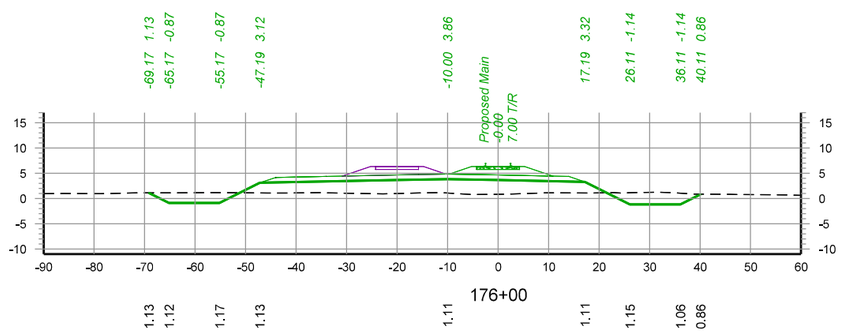
174+00



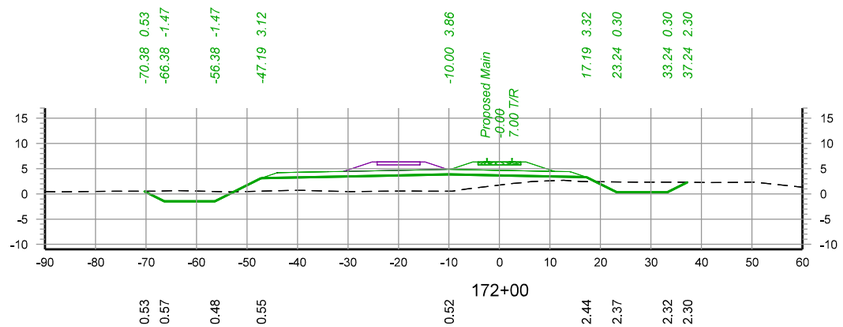
177+00



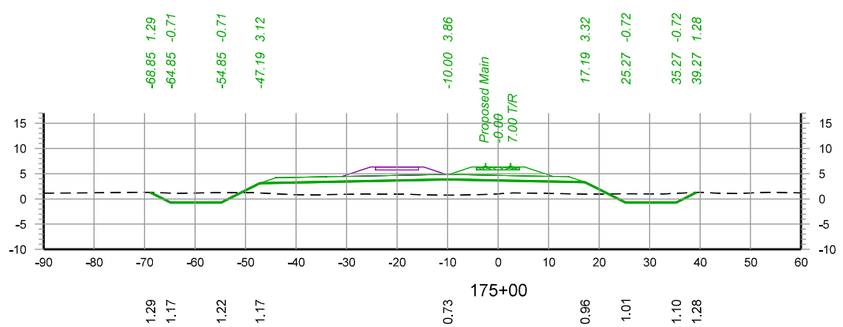
173+00



176+00



172+00



175+00

30 0 30 60

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REV. #	BY	DATE	DESCRIPTION
REV05		08/10/2022	
REV05.1		09/07/2022	
REV06		10/03/2022	

LEGEND:
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CHECKED BY:	NHE
DATE:	11/02/2022
SCALE:	1"=30' (H & V)
WORK ORDER:	
PID:	
BUDGET REF:	
SHEET NUMBER	X028 of 078

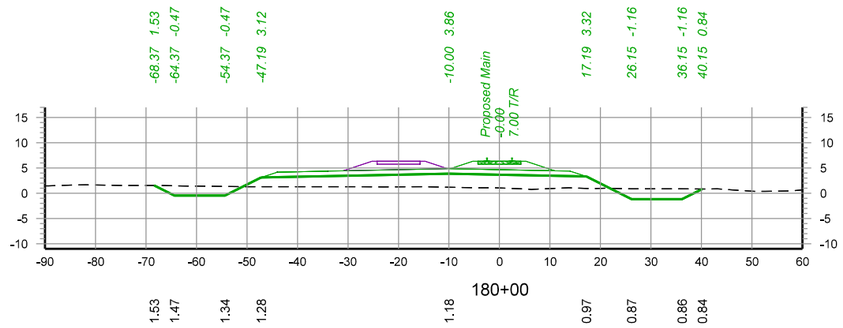
UNION PACIFIC RAILROAD

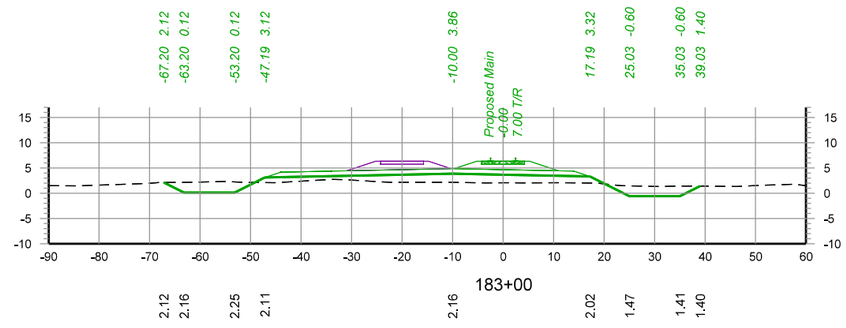
LGT MAINLINE EXTENSION

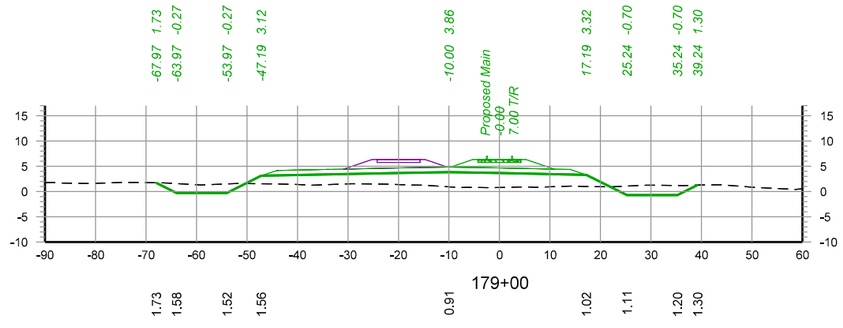
LOCATION & DESCRIPTION:
30% Design
NOGC RR Terminus (MP 24) to Future Gateway Terminal (MP 33)
Plaquemines Parish, LA

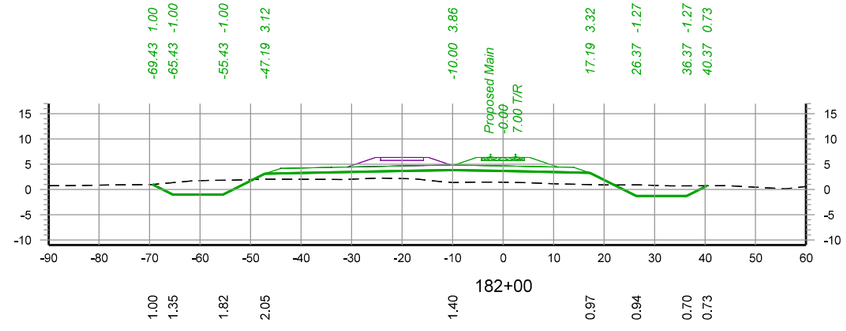
SHEET TITLE:
Cross Sections - STA. 172+00 to STA. 177+00

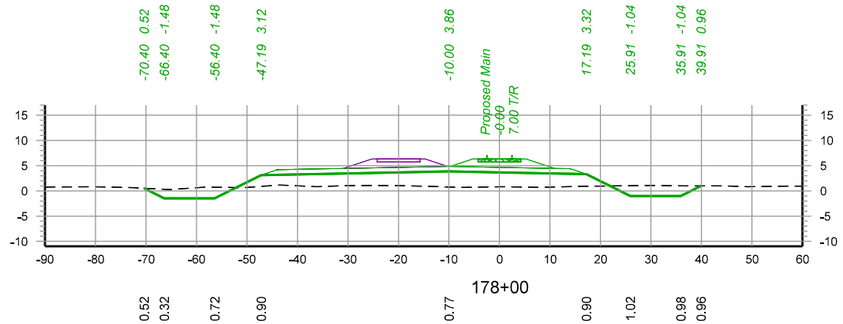
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Cross Sections - STA. 172+00 to STA. 177+00
10/20/2022

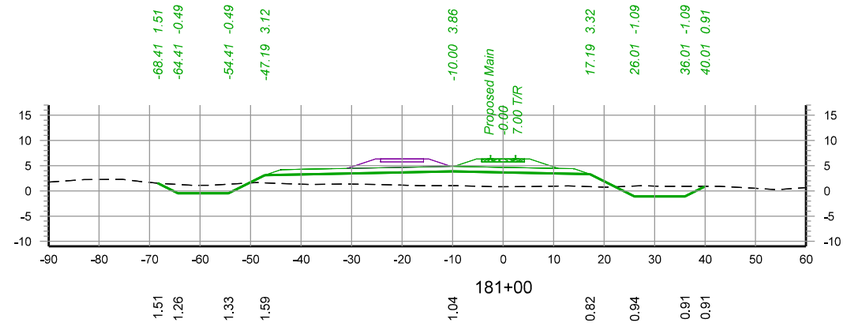












30 0 30 60

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REV. #	BY	DATE	DESCRIPTION
REV05		08/10/2022	
REV05.1		09/07/2022	
REV06		10/03/2022	

LEGEND:
- EXIST. TRACK
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CHECKED BY:	NHE
DATE:	11/02/2022
SCALE:	1"=30' (H & V)
WORK ORDER:	
PID:	
BUDGET REF:	
SHEET NUMBER	X029 of 078

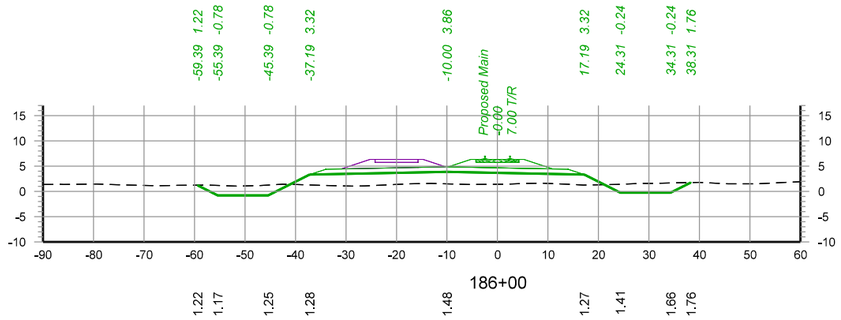
UNION PACIFIC RAILROAD

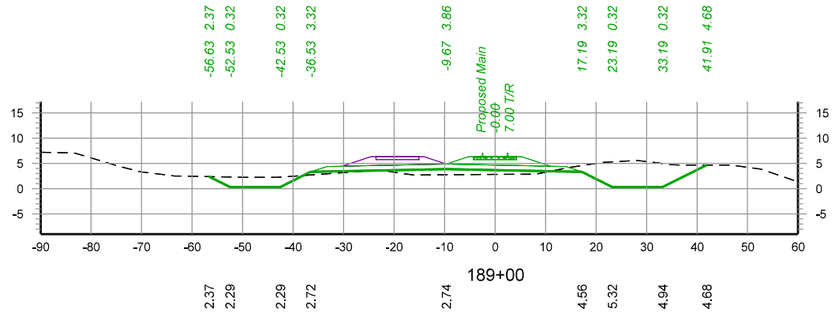
LGT MAINLINE EXTENSION

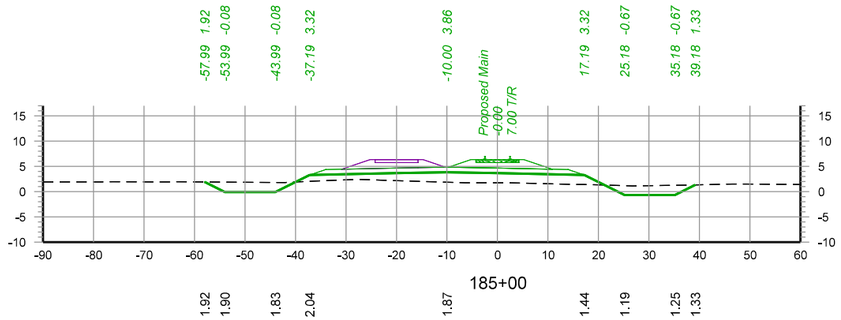
LOCATION & DESCRIPTION:
30% Design
NOGC RR Terminus (MP 24) to Future Gateway Terminal (MP 33)
Plaquemines Parish, LA

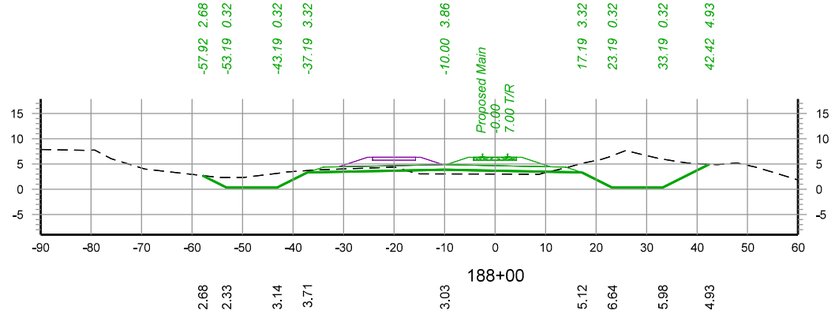
SHEET TITLE:
Cross Sections - STA. 178+00 to STA. 183+00

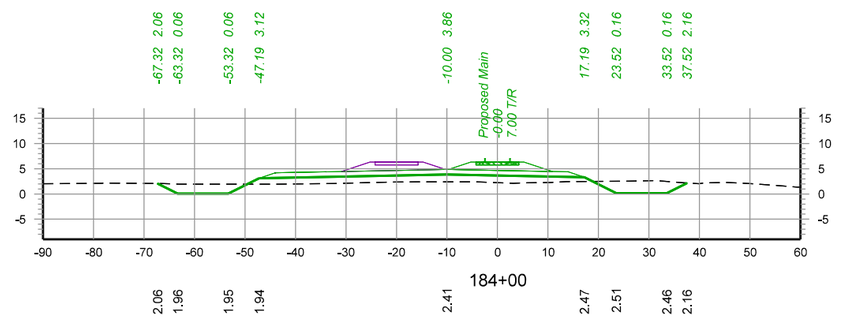
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10/20/2022

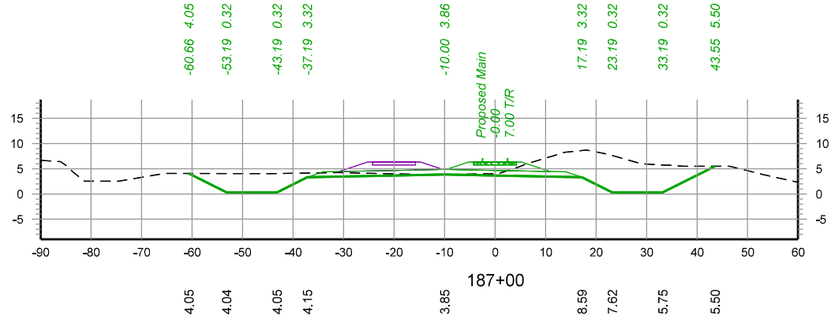












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REV. #	BY	DATE	DESCRIPTION
REV05		08/10/2022	
REV05.1		09/07/2022	
REV06		10/03/2022	

LEGEND:
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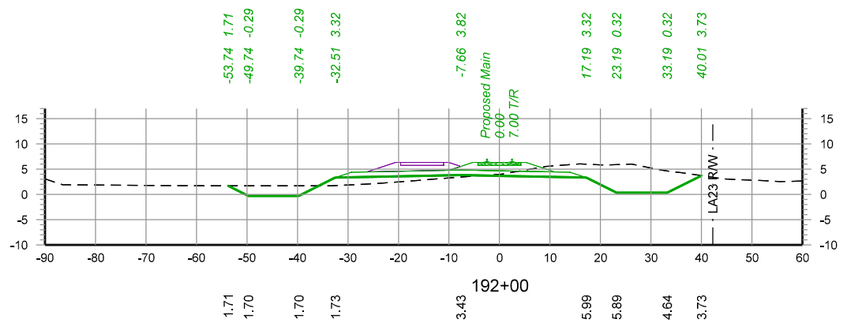
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CHECKED BY:	NHE
DATE:	11/02/2022
SCALE:	1"=30' (H & V)
WORK ORDER:	
PID:	
BUDGET REF:	
SHEET NUMBER	X030 of 078

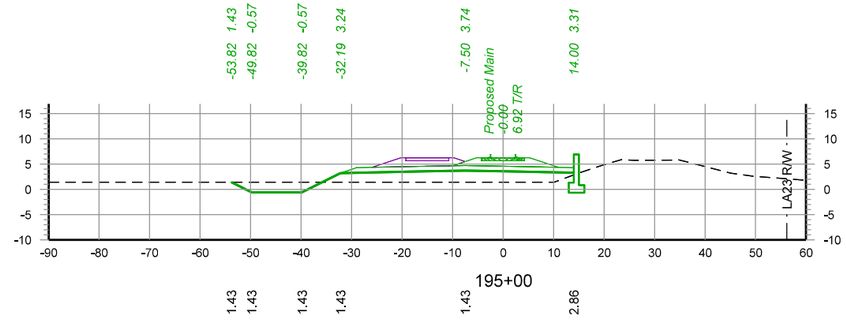
UNION PACIFIC RAILROAD — LGT MAINLINE EXTENSION

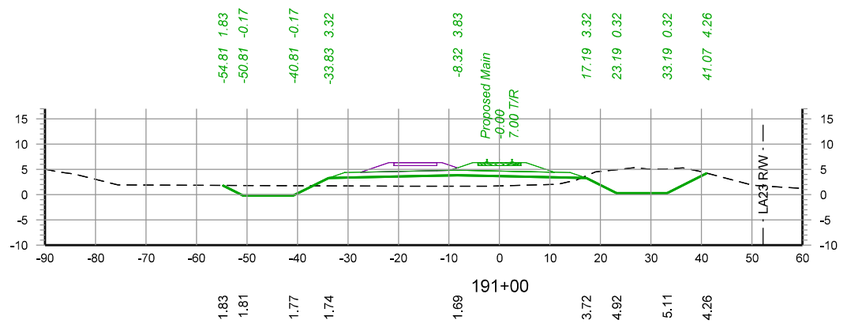
LOCATION & DESCRIPTION:
30% Design
NOGC RR Terminus (MP 24) to Future Gateway Terminal (MP 33)
Plaquemines Parish, LA

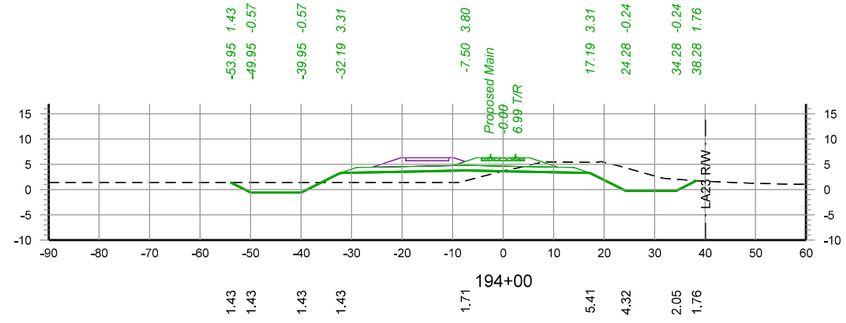
SHEET TITLE:
Cross Sections - STA. 184+00 to STA. 189+00

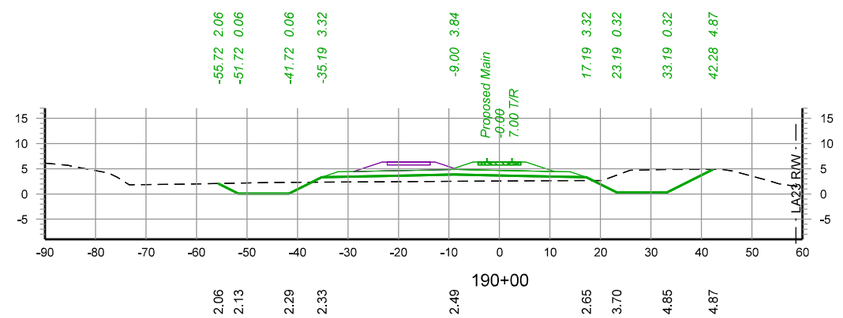
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pw://HDR_PW_DTSNME///
Cross Sections - STA. 184+00 to STA. 189+00
10/20/2022

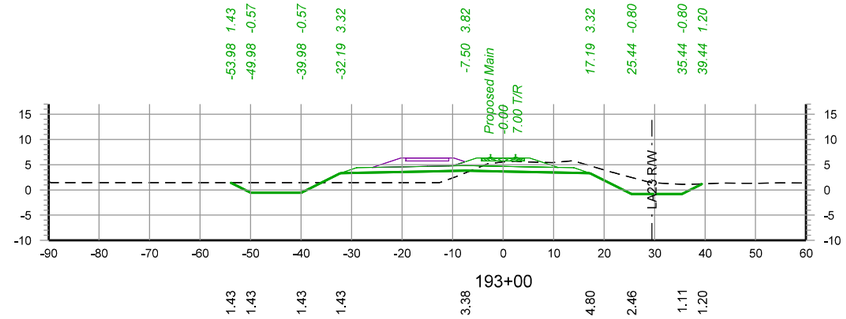












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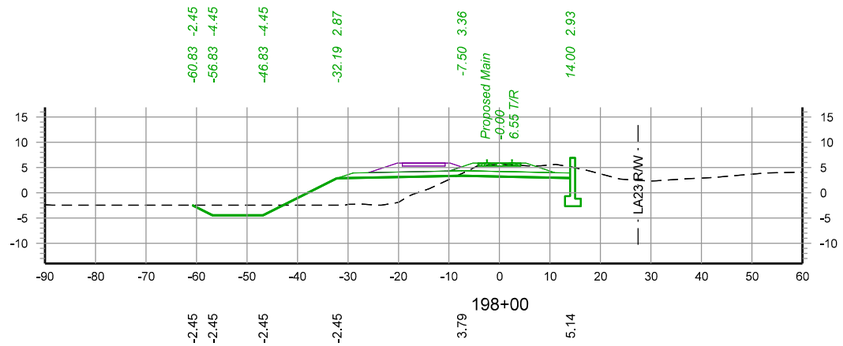
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CHECKED BY:	NHE
DATE:	11/02/2022
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WORK ORDER:	
PID:	
BUDGET REF:	
SHEET NUMBER	X031 of 078

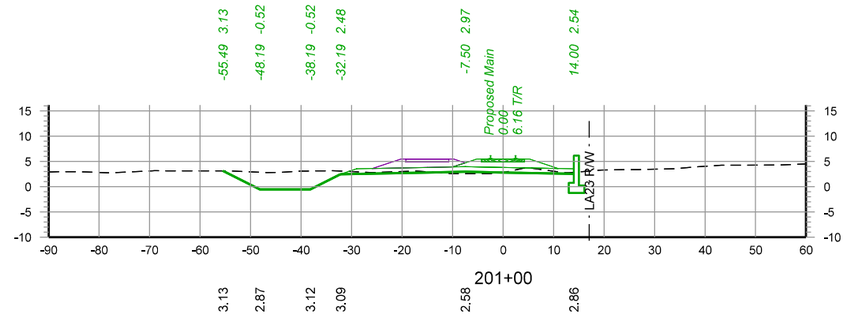
UNION PACIFIC RAILROAD — LGT MAINLINE EXTENSION

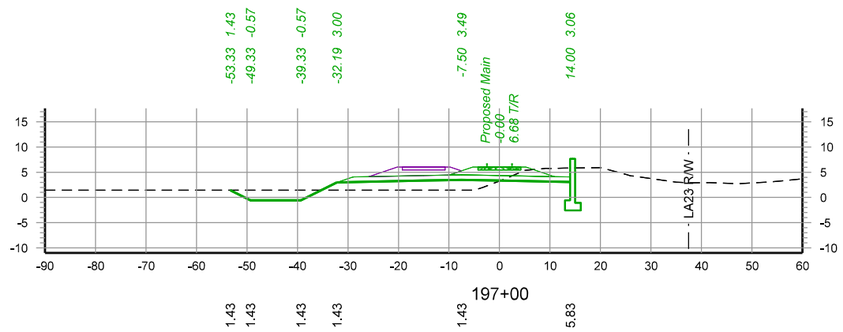
LOCATION & DESCRIPTION:
30% Design
NOGC RR Terminus (MP 24) to Future Gateway Terminal (MP 33)
Plaquemines Parish, LA

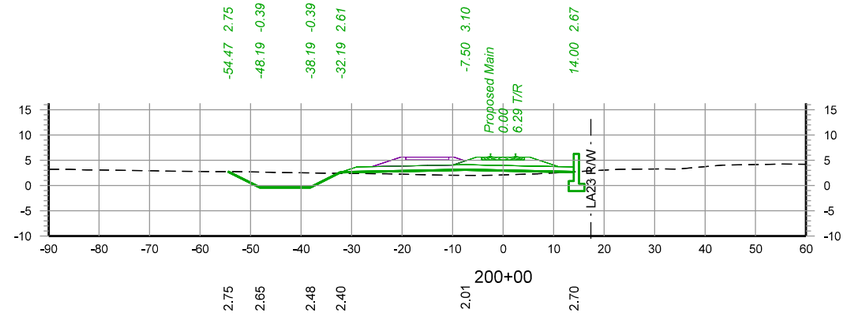
SHEET TITLE:
Cross Sections - STA. 190+00 to STA. 195+00

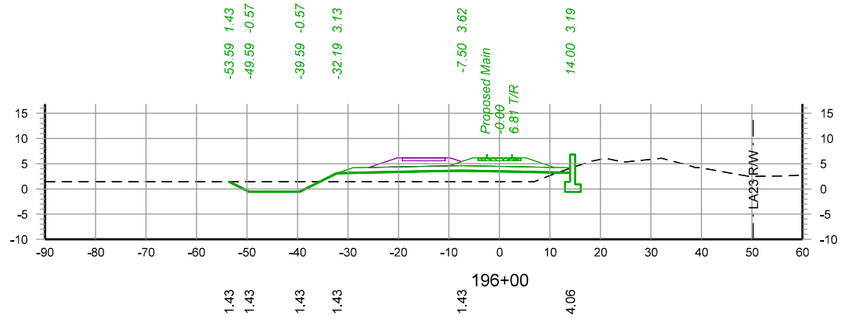
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Cross Sections - STA.190+00 to STA.195+00
10/20/2022

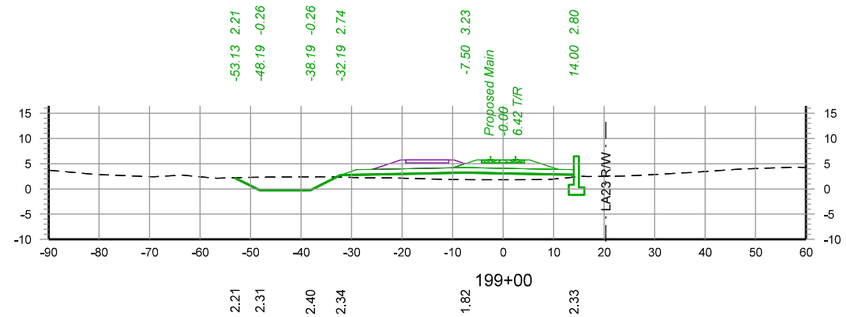












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REV. #	BY	DATE	DESCRIPTION
REV05		08/10/2022	
REV05.1		09/07/2022	
REV06		10/03/2022	

LEGEND:
- EXIST. TRACK
- PROPOSED TRACK
- FUTURE TRACK
- SHOOFLY TRACK
- SHIFT TRACK
- RETIRE TRACK
- LADOTD EXIST. LA23 R/W

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NEW ORLEANS AND GULF COAST RAILWAY CO.

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NATHANIEL H. ELLIS
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CHECKED BY:	NHE
DATE:	11/02/2022
SCALE:	1"=30' (H & V)
WORK ORDER:	
PID:	
BUDGET REF:	
SHEET NUMBER	X032 of 078

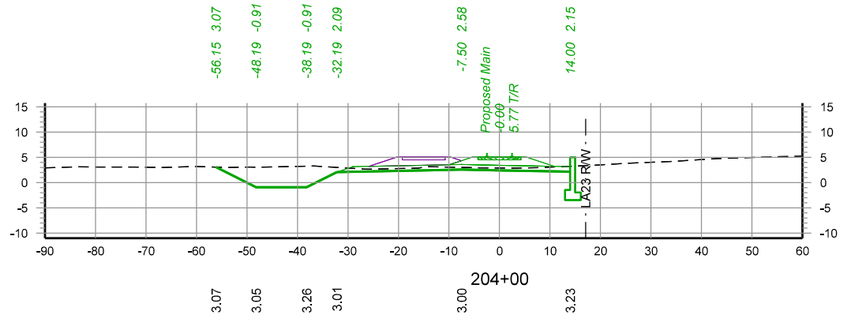
UNION PACIFIC RAILROAD

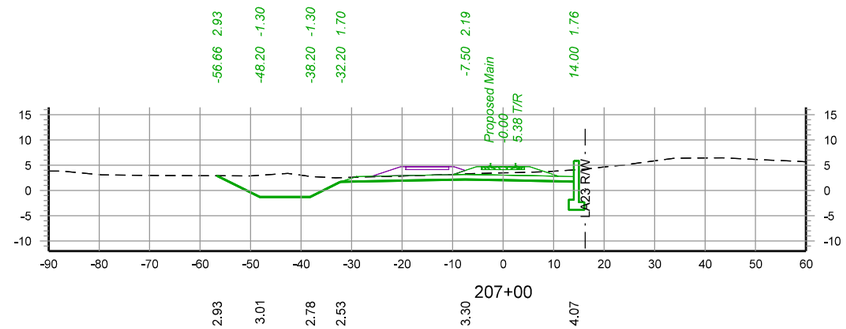
LGT MAINLINE EXTENSION

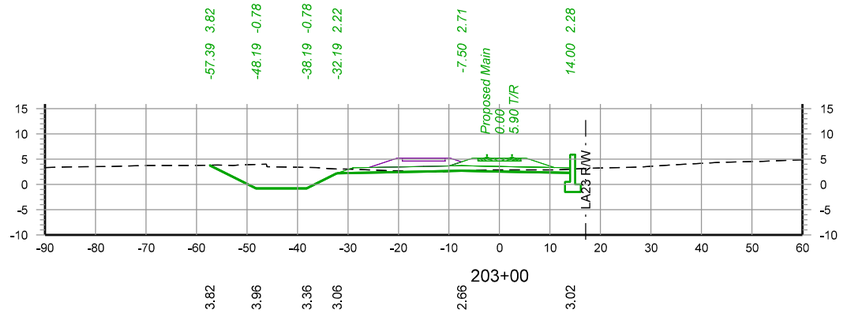
LOCATION & DESCRIPTION:
30% Design
NOGC RR Terminus (MP 24) to Future Gateway Terminal (MP 33)
Plaquemines Parish, LA

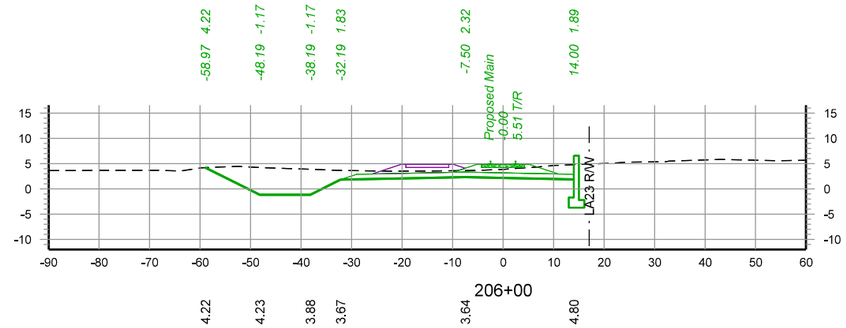
SHEET TITLE:
Cross Sections - STA. 196+00 to STA. 201+00

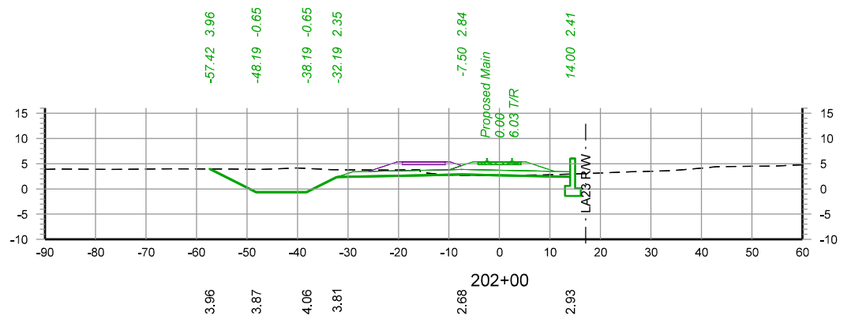
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Cross Sections - STA. 196+00 to STA. 201+00
10/20/2022

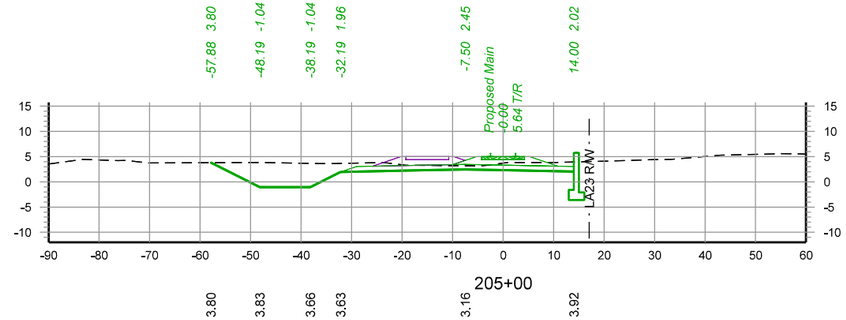












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REV. #	BY	DATE	DESCRIPTION
REV05		08/10/2022	
REV05.1		09/07/2022	
REV06		10/03/2022	

LEGEND:
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DATE:	11/02/2022
SCALE:	1"=30' (H & V)
WORK ORDER:	
PID:	
BUDGET REF:	
SHEET NUMBER	X033 of 078

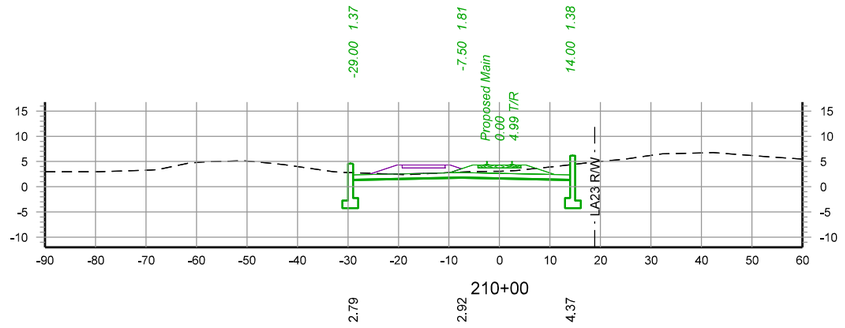
UNION PACIFIC RAILROAD

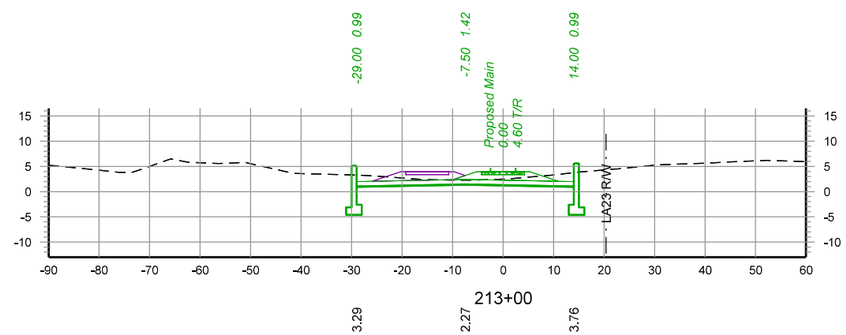
LGT MAINLINE EXTENSION

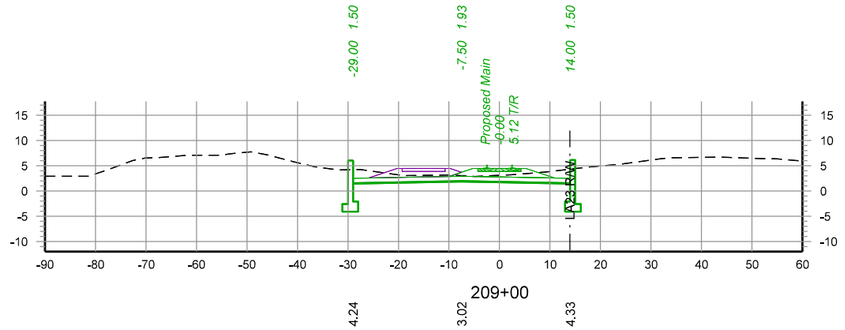
LOCATION & DESCRIPTION:
30% Design
NOGC RR Terminus (MP 24) to Future Gateway Terminal (MP 33)
Plaquemines Parish, LA

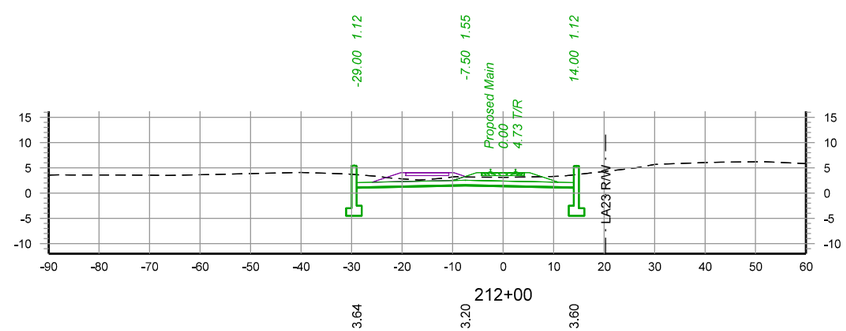
SHEET TITLE:
Cross Sections - STA. 202+00 to STA. 207+00

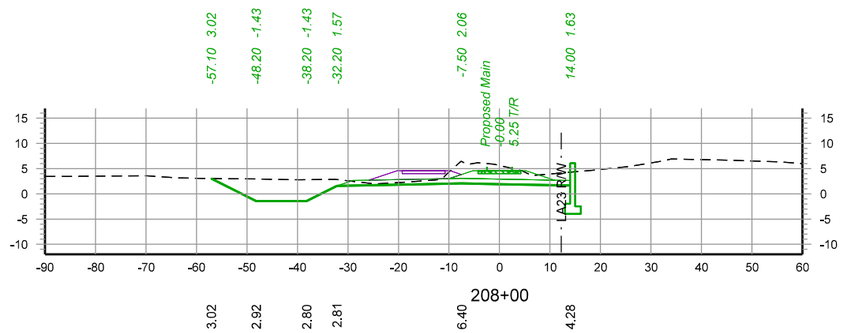
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pw://HDR_PW_DTSNME///
Cross Sections - STA. 202+00 to STA. 207+00
10/20/2022

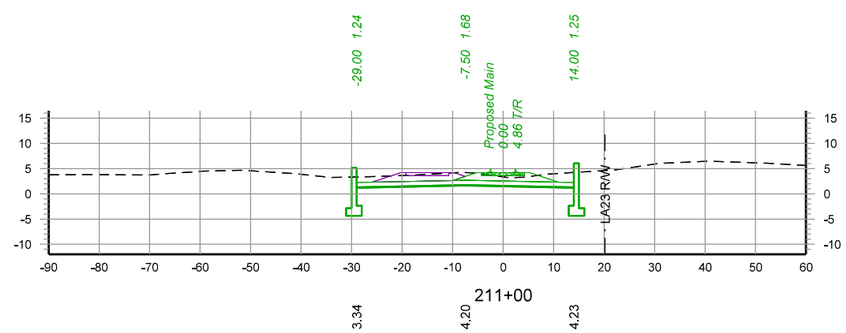












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REV. #	BY	DATE	DESCRIPTION
REV05		08/10/2022	
REV05.1		09/07/2022	
REV06		10/03/2022	

LEGEND:
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DATE:	11/02/2022
SCALE:	1"=30' (H & V)
WORK ORDER:	
PID:	
BUDGET REF:	
SHEET NUMBER	X034 of 078

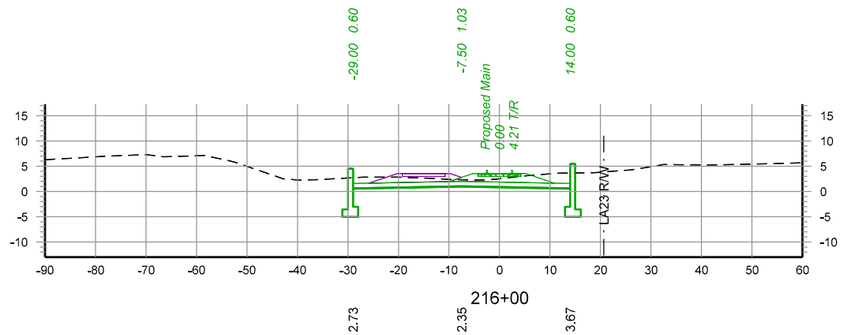
UNION PACIFIC RAILROAD

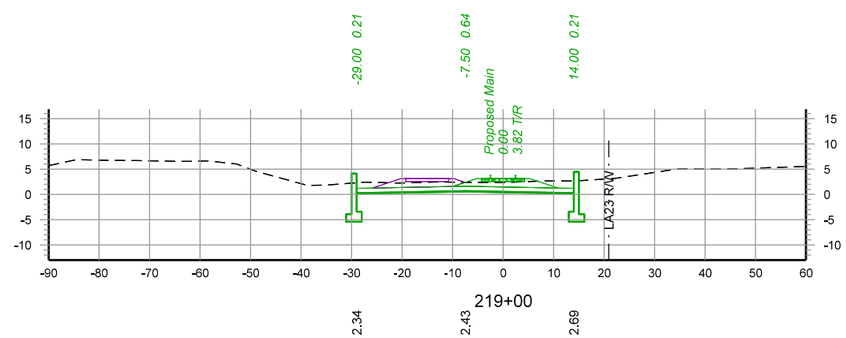
LGT MAINLINE EXTENSION

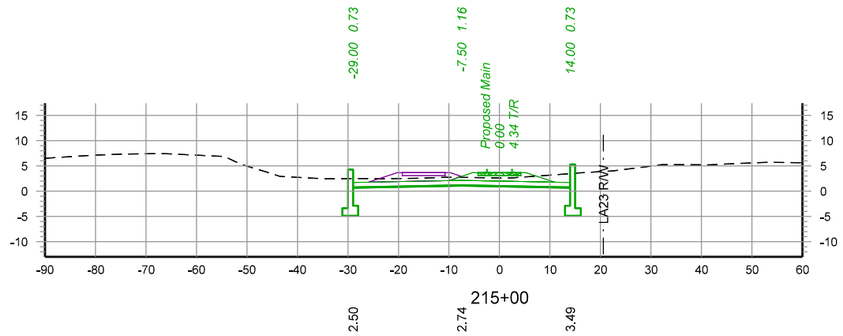
LOCATION & DESCRIPTION:
30% Design
NOGC RR Terminus (MP 24) to Future Gateway Terminal (MP 33)
Plaquemines Parish, LA

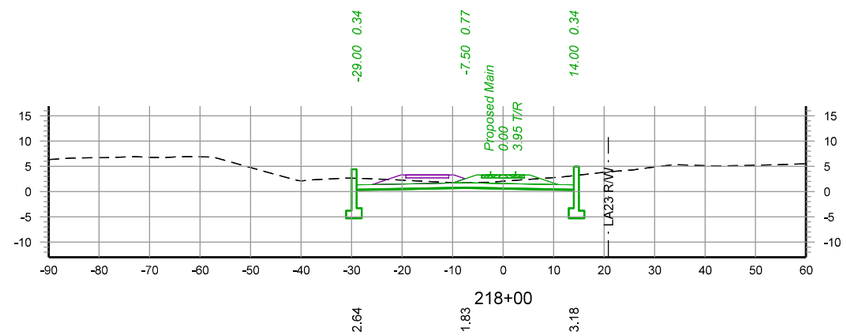
SHEET TITLE:
Cross Sections - STA. 208+00 to STA. 213+00

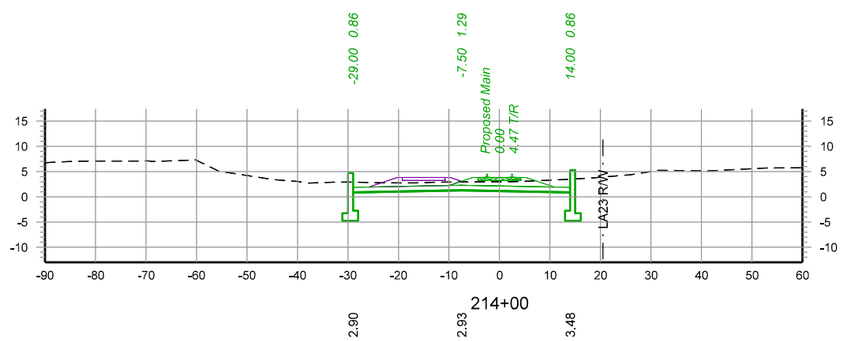
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Cross Sections - STA. 208+00 to STA. 213+00
10/20/2022

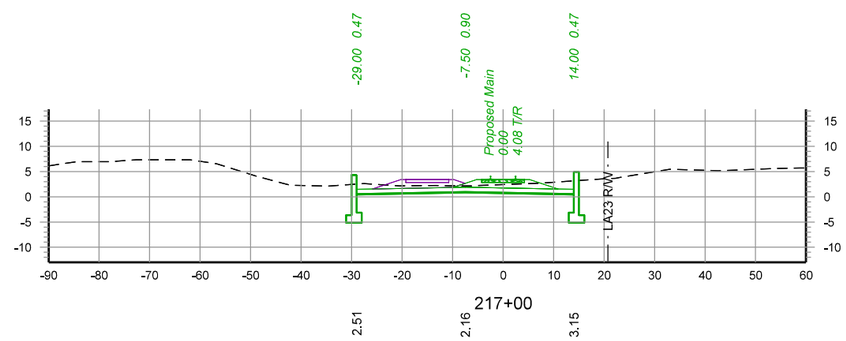












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REV. #	BY	DATE	DESCRIPTION
REV05		08/10/2022	
REV05.1		09/07/2022	
REV06		10/03/2022	

LEGEND:
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SCALE: 1"=30' (H & V)
WORK ORDER:
PID:
BUDGET REF:
SHEET NUMBER: X035 of 078

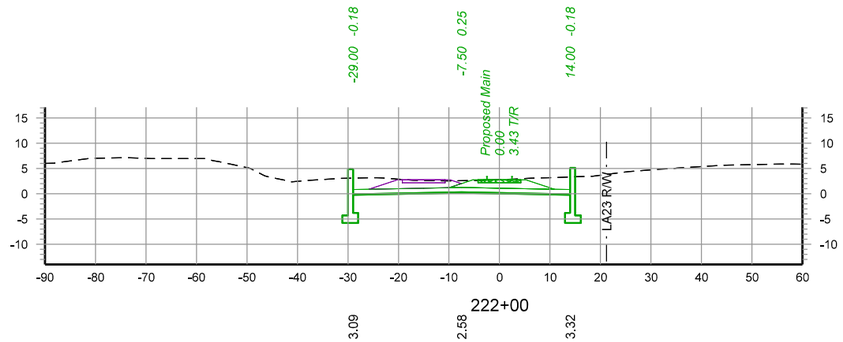
UNION PACIFIC RAILROAD

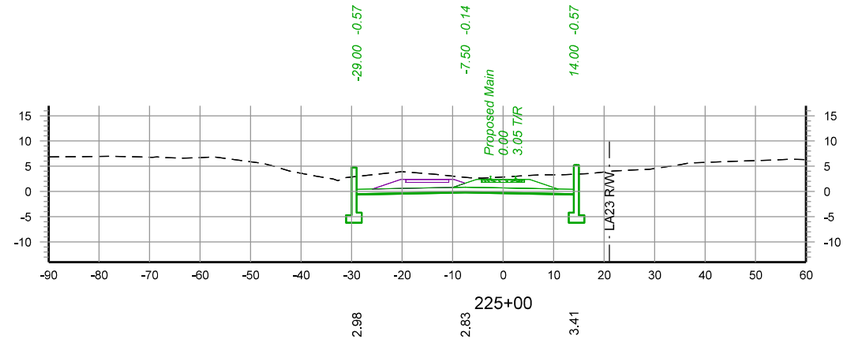
LGT MAINLINE EXTENSION

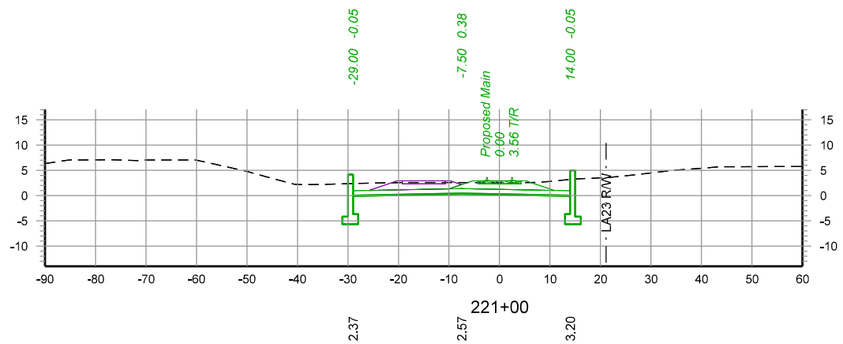
LOCATION & DESCRIPTION:
30% Design
NOGC RR Terminus (MP 24) to Future Gateway Terminal (MP 33)
Plaquemines Parish, LA

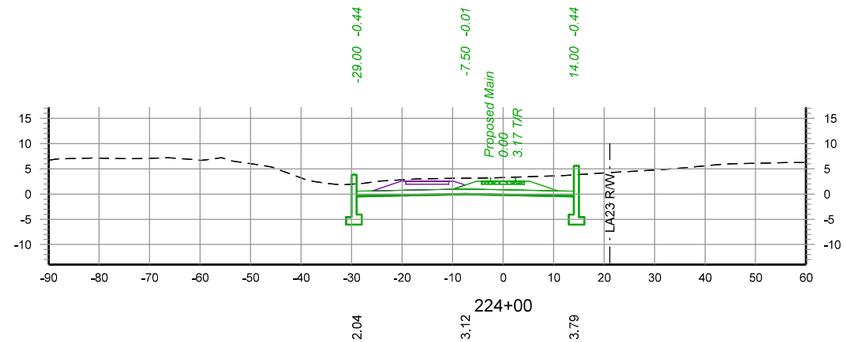
SHEET TITLE:
Cross Sections - STA. 214+00 to STA. 219+00

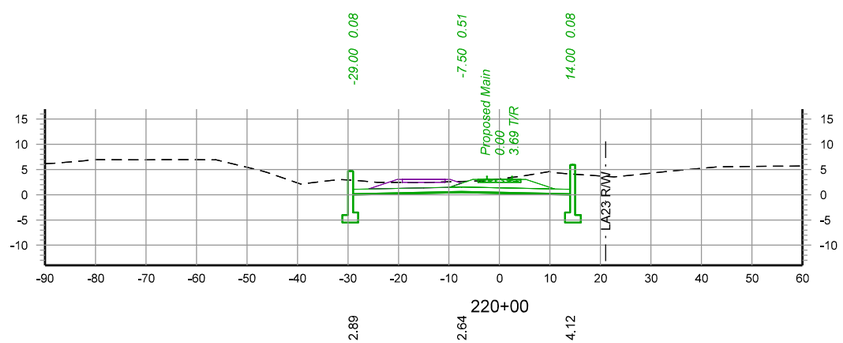
Color table:
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pw://HDR_PW_DTSNME///
Cross Sections - STA. 214+00 to STA. 219+00
10/20/2022

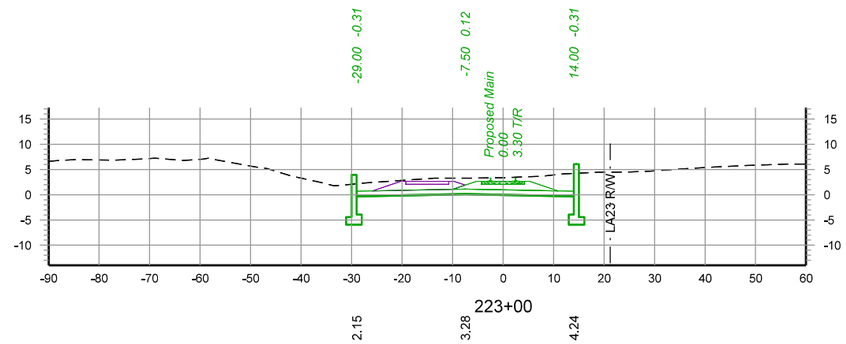












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REV. #	BY	DATE	DESCRIPTION
REV05		08/10/2022	
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REV06		10/03/2022	

LEGEND:
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DRAWN BY:	EGD
CHECKED BY:	NHE
DATE:	11/02/2022
SCALE:	1"=30' (H & V)
WORK ORDER:	
PID:	
BUDGET REF:	
SHEET NUMBER	X036 of 078

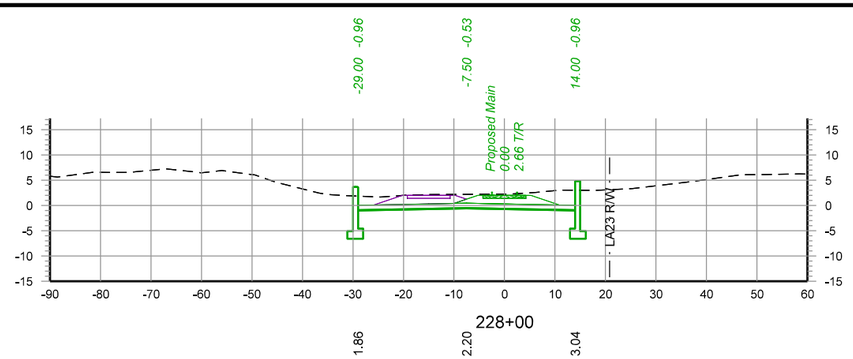
UNION PACIFIC RAILROAD

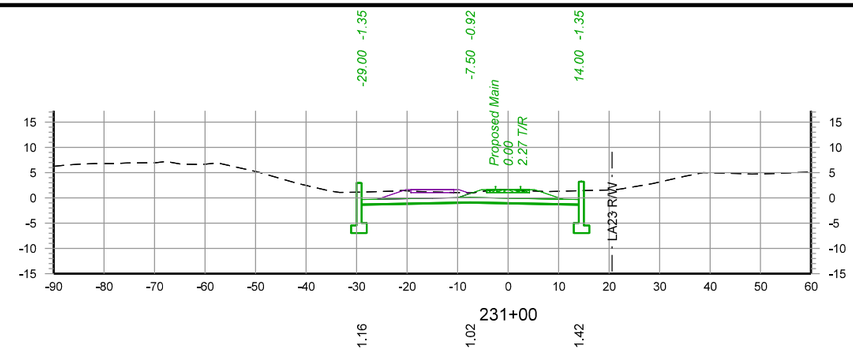
LGT MAINLINE EXTENSION

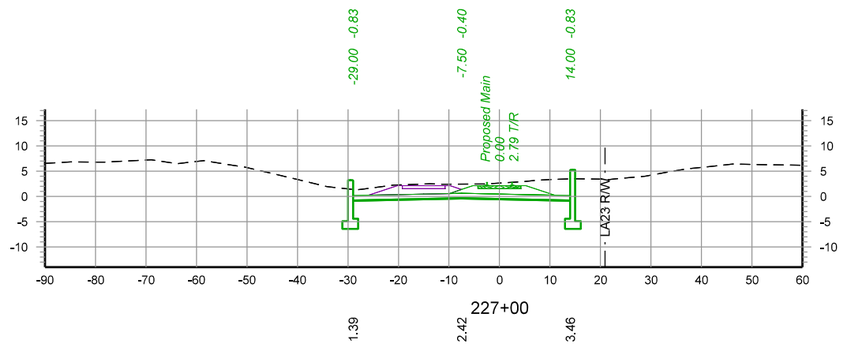
LOCATION & DESCRIPTION:
30% Design
NOGC RR Terminus (MP 24) to Future Gateway Terminal (MP 33)
Plaquemines Parish, LA

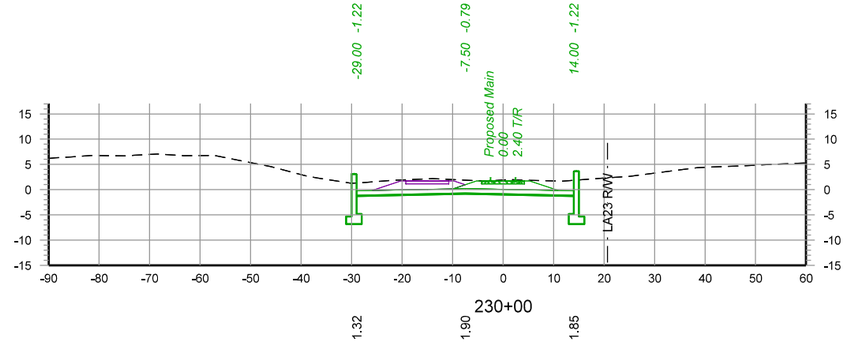
SHEET TITLE:
Cross Sections - STA. 220+00 to STA. 225+00

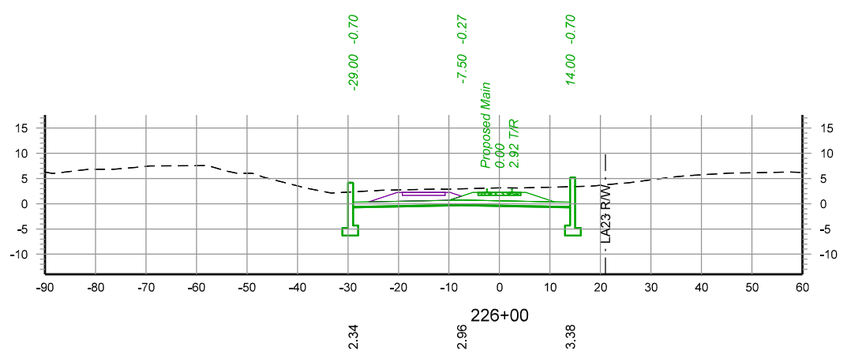
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pw://HDR_PW_DTSNME///
Cross Sections - STA. 220+00 to STA. 225+00
10/20/2022

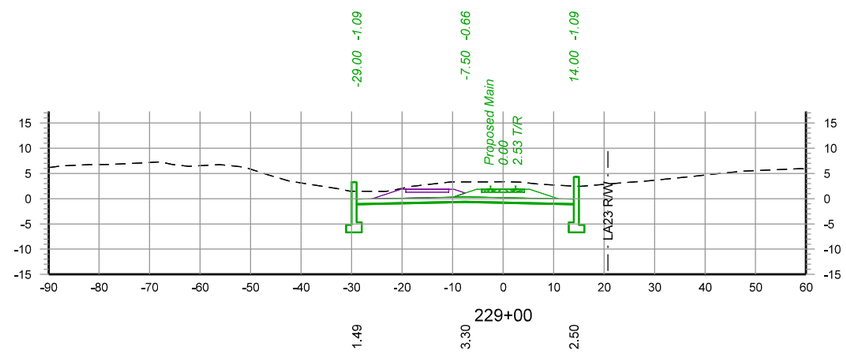












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SCALE IN FEET

Color table:
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pw://HDR_PW_DTSNME///
Cross Sections - STA. 226+00 to STA. 231+00
10/20/2022

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REV. #	BY	DATE	DESCRIPTION
REV05		08/10/2022	
REV05.1		09/07/2022	
REV06		10/03/2022	

LEGEND:
- EXIST. TRACK
- PROPOSED TRACK
- FUTURE TRACK
- SHOOFLY TRACK
- SHIFT TRACK
- RETIRE TRACK
- LADOTD EXIST. LA23 R/W

WSP USA INC.
ONE PENN PLAZA, 4TH FLOOR
NEW YORK, NEW YORK 10119
LICENSE No. EF.0000623

NEW ORLEANS AND GULF COAST RAILWAY CO.

RAIL DESIGN ENGINEER
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NATHANIEL H. ELLIS
License No. 43929
PROFESSIONAL ENGINEER

HYDRAULICS ENGINEER
STATE OF LOUISIANA
REBECCA DAVEZAC HOWELL
License No. 42559
PROFESSIONAL ENGINEER

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UNION PACIFIC

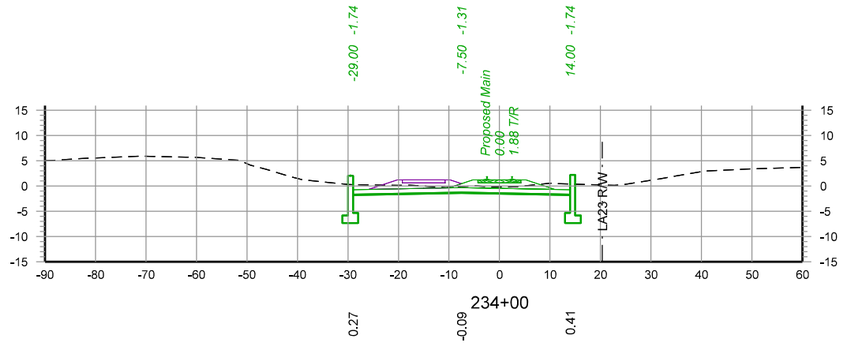
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CHECKED BY:	NHE
DATE:	11/02/2022
SCALE:	1"=30' (H & V)
WORK ORDER:	
PID:	
BUDGET REF:	
SHEET NUMBER	X037 of 078

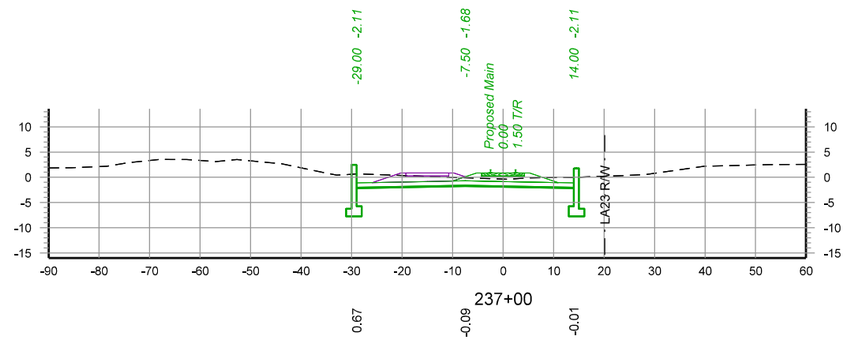
UNION PACIFIC RAILROAD

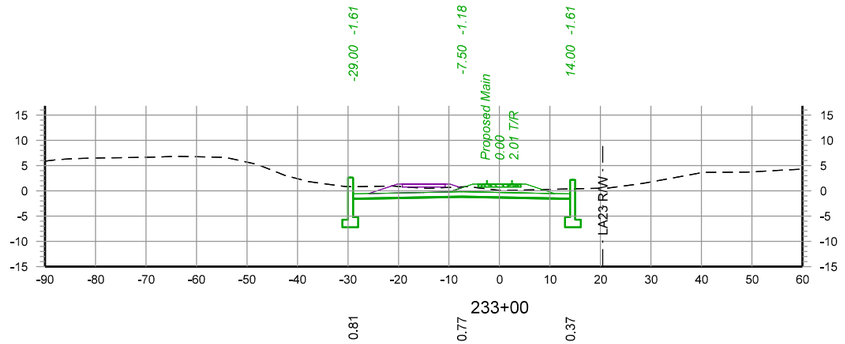
LGT MAINLINE EXTENSION

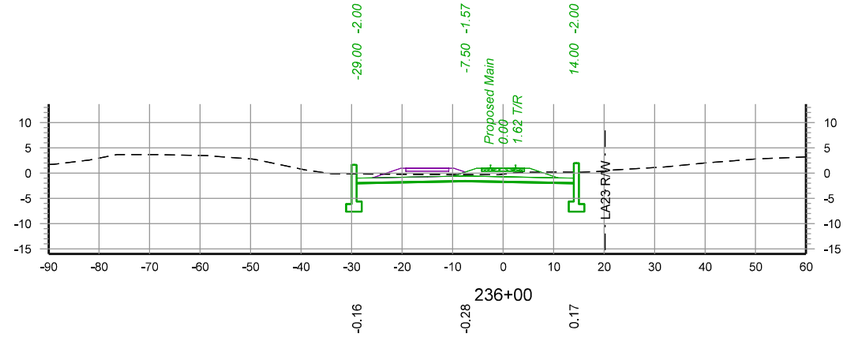
LOCATION & DESCRIPTION:
30% Design
NOGC RR Terminus (MP 24) to Future Gateway Terminal (MP 33)
Plaquemines Parish, LA

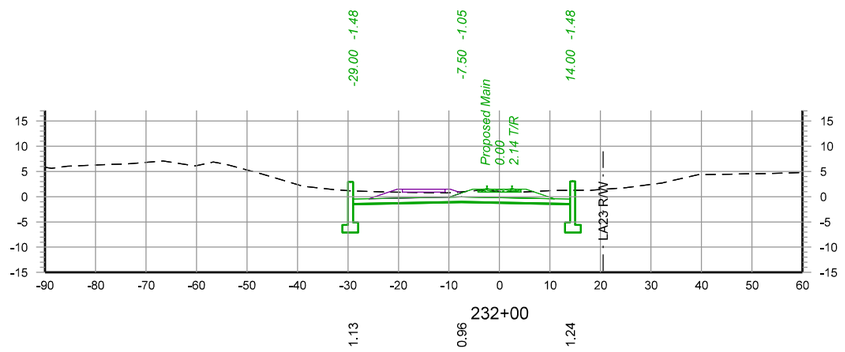
SHEET TITLE:
Cross Sections - STA. 226+00 to STA. 231+00

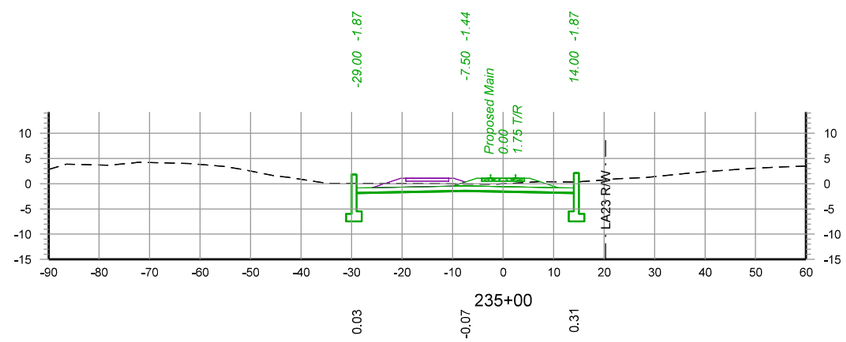












30 0 30 60

SCALE IN FEET

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REV. #	BY	DATE	DESCRIPTION
REV05		08/10/2022	
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DATE:	11/02/2022
SCALE:	1"=30' (H & V)
WORK ORDER:	
PID:	
BUDGET REF:	
SHEET NUMBER	X038 of 078

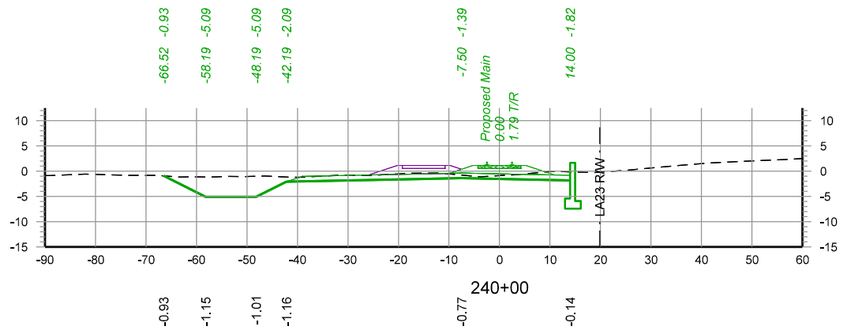
UNION PACIFIC RAILROAD

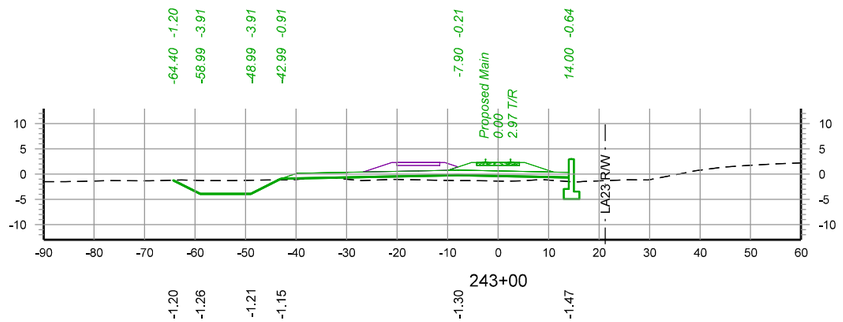
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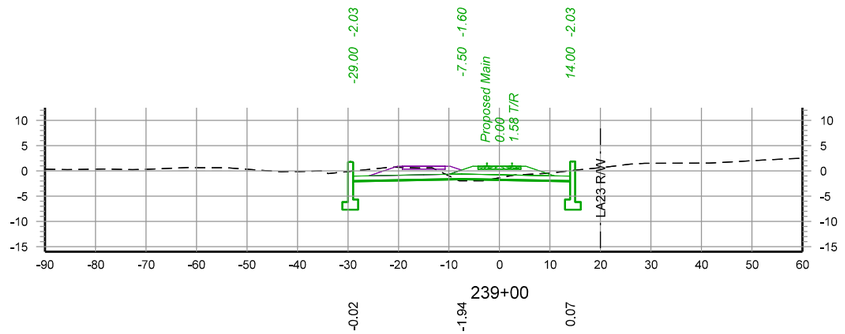
LOCATION & DESCRIPTION:
30% Design
NOGC RR Terminus (MP 24) to Future Gateway Terminal (MP 33)
Plaquemines Parish, LA

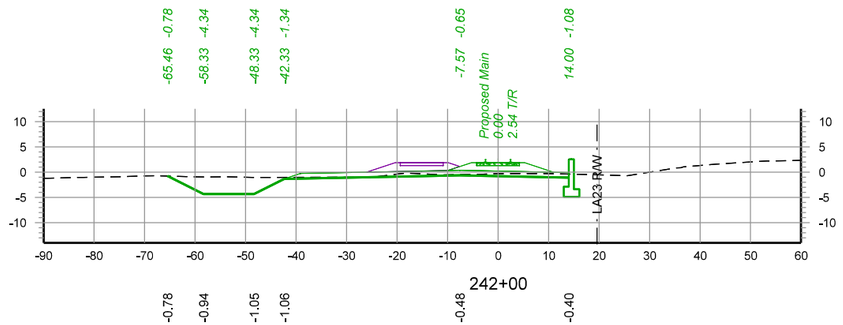
SHEET TITLE:
Cross Sections - STA. 232+00 to STA. 237+00

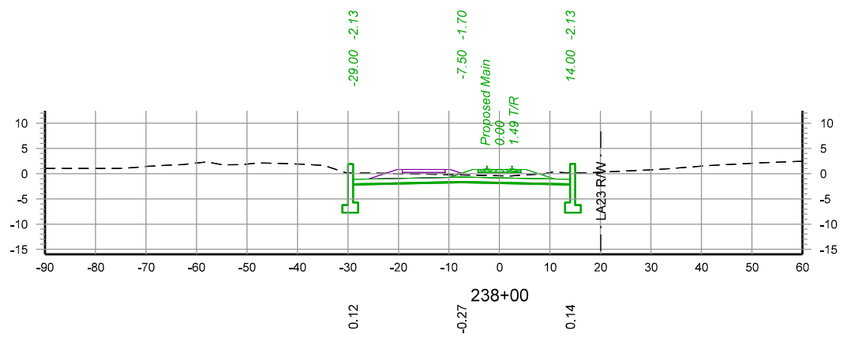
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Cross Sections - STA. 232+00 to STA. 237+00
10/20/2022

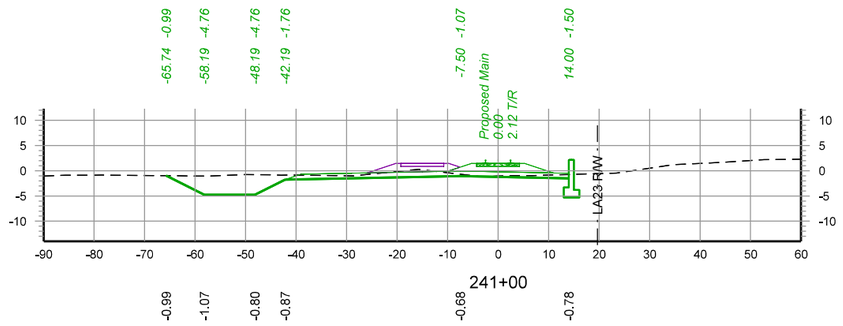












30 0 30 60

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REV. #	BY	DATE	DESCRIPTION
REV05		08/10/2022	
REV05.1		09/07/2022	
REV06		10/03/2022	

LEGEND:
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PROFESSIONAL ENGINEER

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REBECCA DAVEZAC HOWELL
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CHECKED BY:	NHE
DATE:	11/02/2022
SCALE:	1"=30' (H & V)
WORK ORDER:	
PID:	
BUDGET REF:	
SHEET NUMBER	X039 of 078

UNION PACIFIC RAILROAD

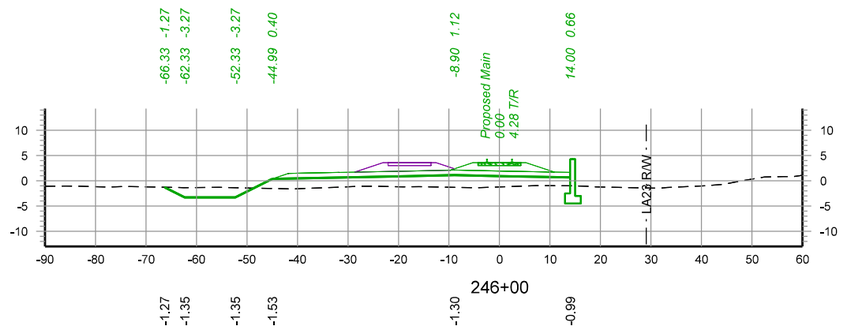
LGT MAINLINE EXTENSION

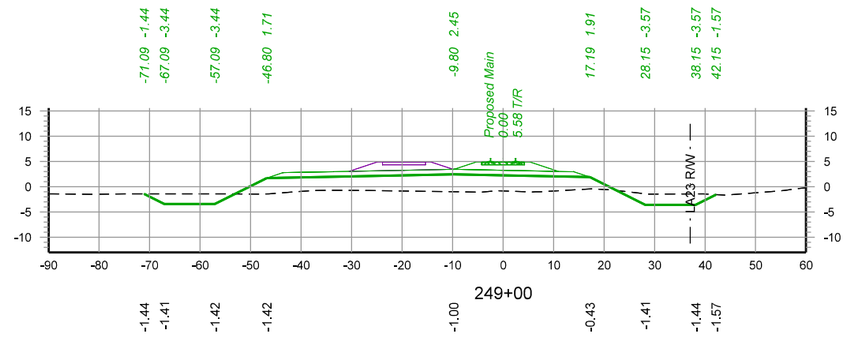
LOCATION & DESCRIPTION:
30% Design
NOGC RR Terminus (MP 24) to Future Gateway Terminal (MP 33)
Plaquemines Parish, LA

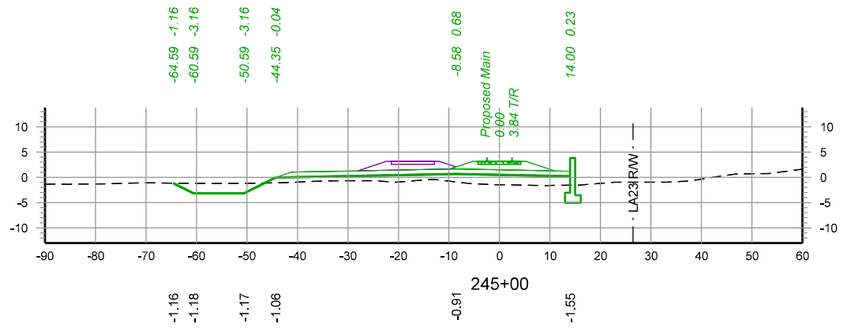
SHEET TITLE:
Cross Sections - STA. 238+00 to STA. 243+00

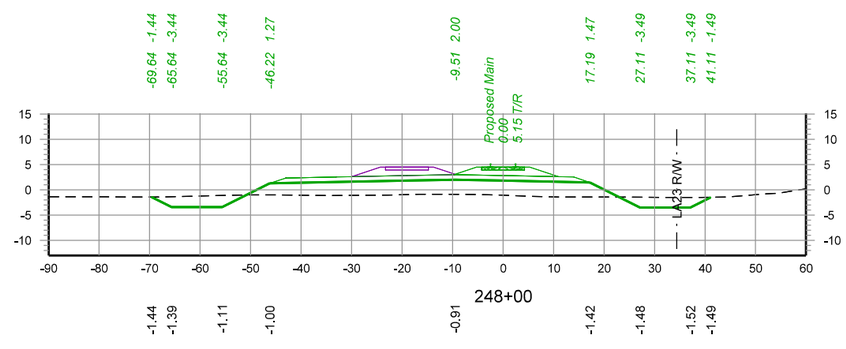
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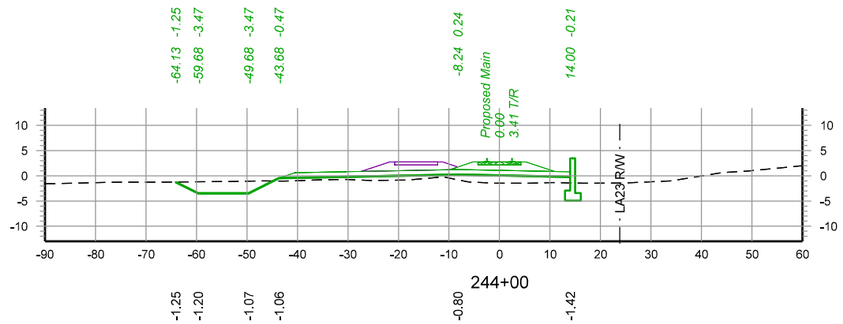
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Cross Sections - STA. 238+00 to STA. 243+00
10/20/2022

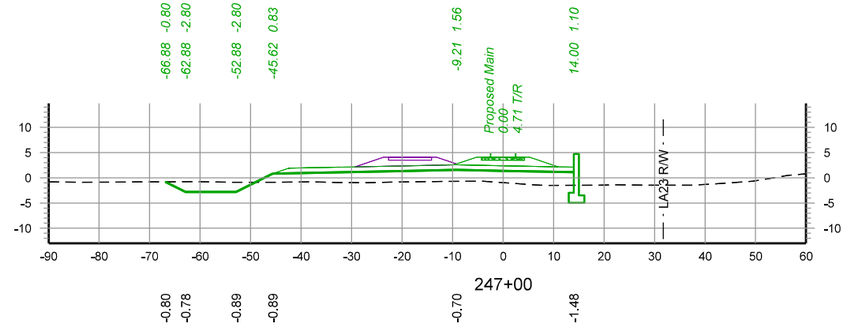












30 0 30 60

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REV. #	BY	DATE	DESCRIPTION
REV05		08/10/2022	
REV05.1		09/07/2022	
REV06		10/03/2022	

LEGEND:
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NATHANIEL H. ELLIS
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DATE:	11/02/2022
SCALE:	1"=30' (H & V)
WORK ORDER:	
PID:	
BUDGET REF:	
SHEET NUMBER	X040 of 078

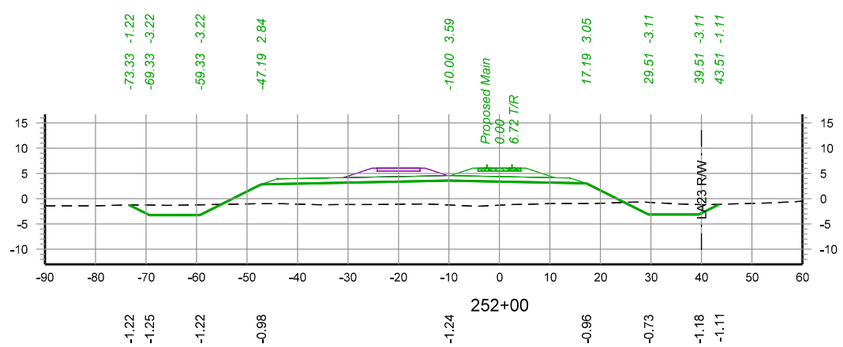
UNION PACIFIC RAILROAD

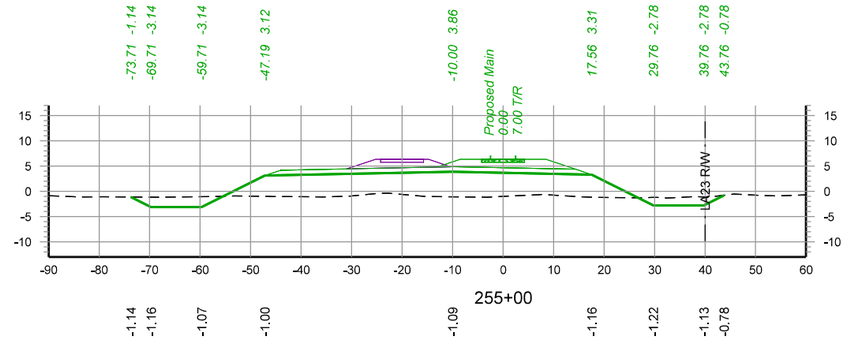
LGT MAINLINE EXTENSION

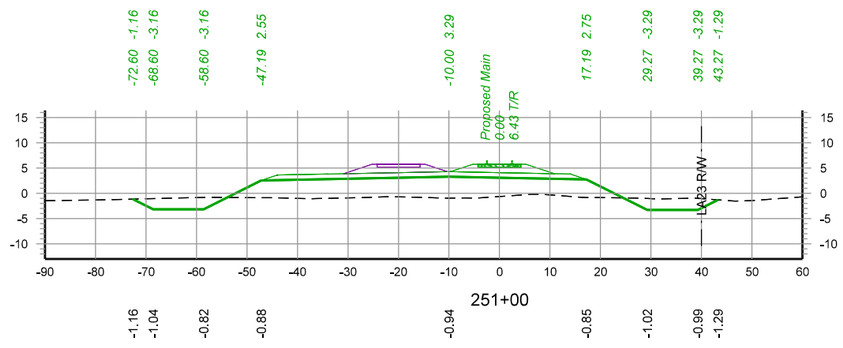
LOCATION & DESCRIPTION:
30% Design
NOGC RR Terminus (MP 24) to Future Gateway Terminal (MP 33)
Plaquemines Parish, LA

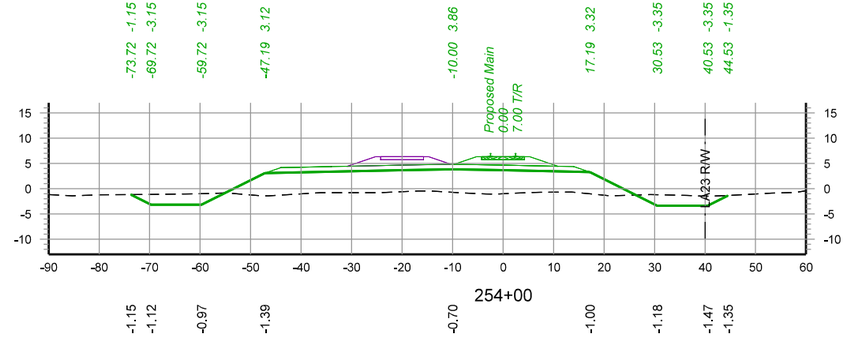
SHEET TITLE: Cross Sections - STA. 244+00 to STA. 249+00

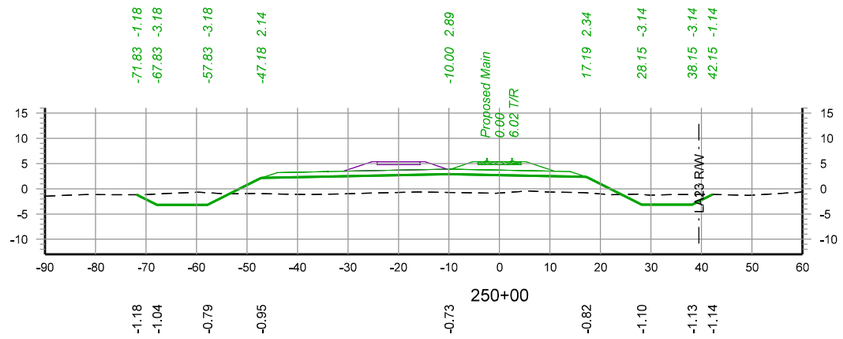
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pw://HDR_PW_DTSNME///
Cross Sections - STA. 244+00 to STA. 249+00
10/20/2022

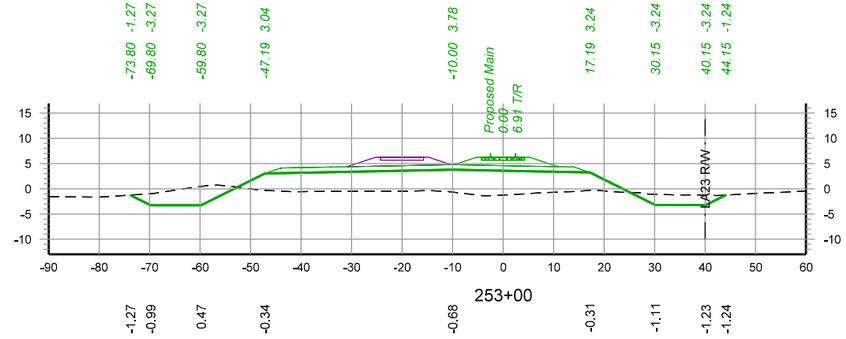












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REV. #	BY	DATE	DESCRIPTION
REV05		08/10/2022	
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LEGEND:
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CHECKED BY:	NHE
DATE:	11/02/2022
SCALE:	1"=30' (H & V)
WORK ORDER:	
PID:	
BUDGET REF:	
SHEET NUMBER	X041 of 078

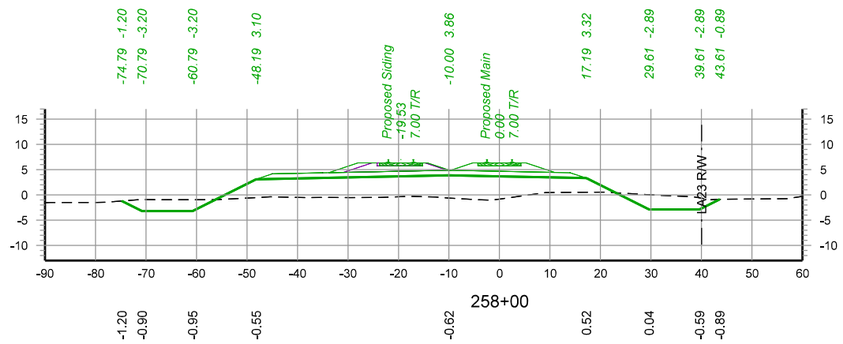
UNION PACIFIC RAILROAD

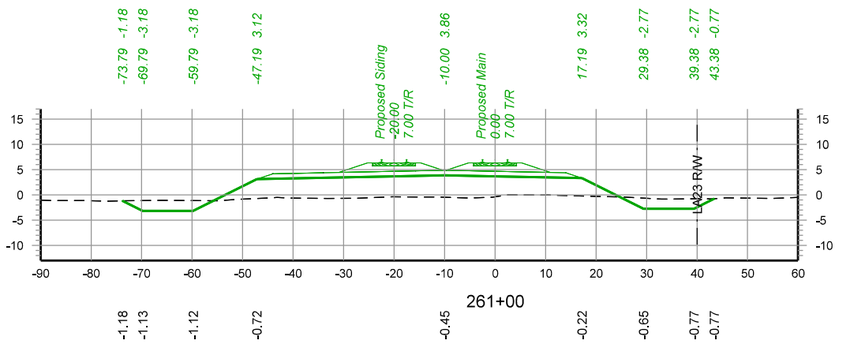
LGT MAINLINE EXTENSION

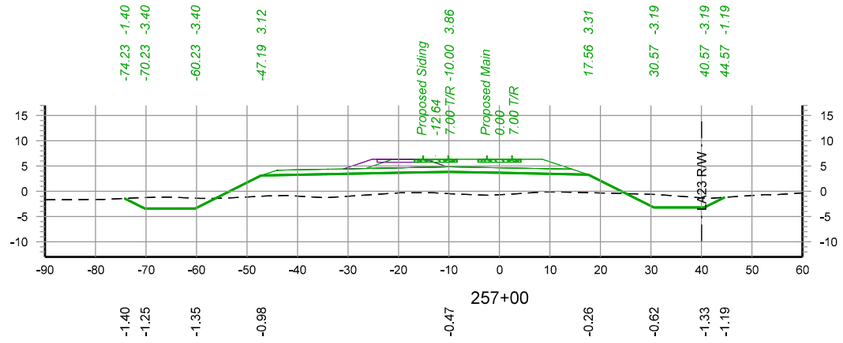
LOCATION & DESCRIPTION:
30% Design
NOGC RR Terminus (MP 24) to Future Gateway Terminal (MP 33)
Plaquemines Parish, LA

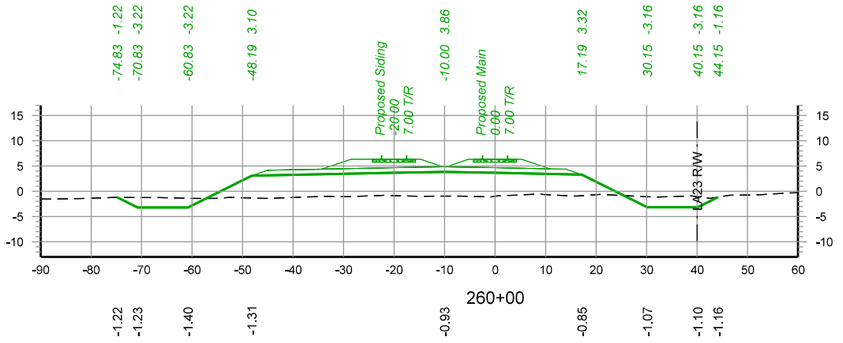
SHEET TITLE:
Cross Sections - STA. 250+00 to STA. 255+00

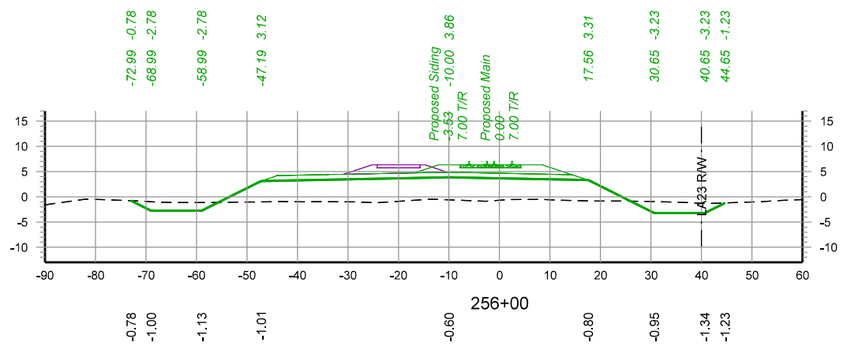
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Cross Sections - STA. 250+00 to STA. 255+00
10/20/2022

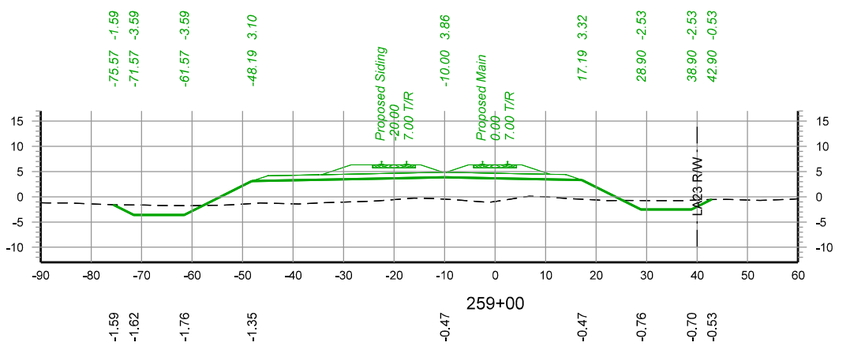












30 0 30 60

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DRAWN BY:	EGD
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DATE:	11/02/2022
SCALE:	1"=30' (H & V)
WORK ORDER:	
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BUDGET REF:	
SHEET NUMBER	X042 of 078

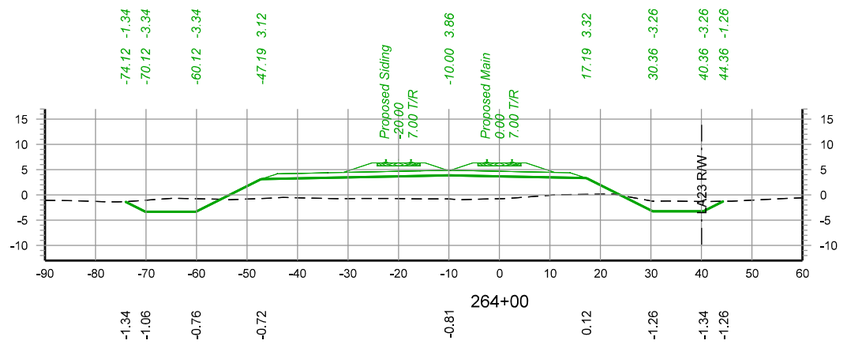
UNION PACIFIC RAILROAD

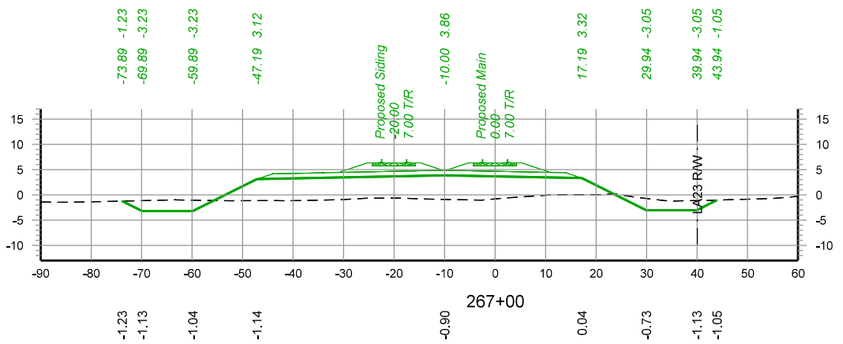
LGT MAINLINE EXTENSION

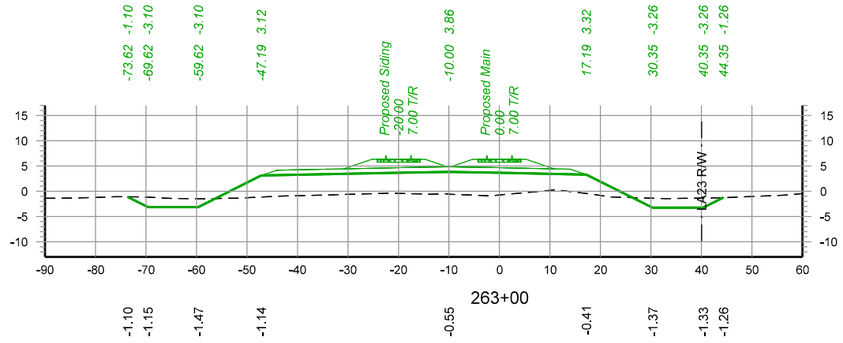
LOCATION & DESCRIPTION:
30% Design
NOGC RR Terminus (MP 24) to Future Gateway Terminal (MP 33)
Plaquemines Parish, LA

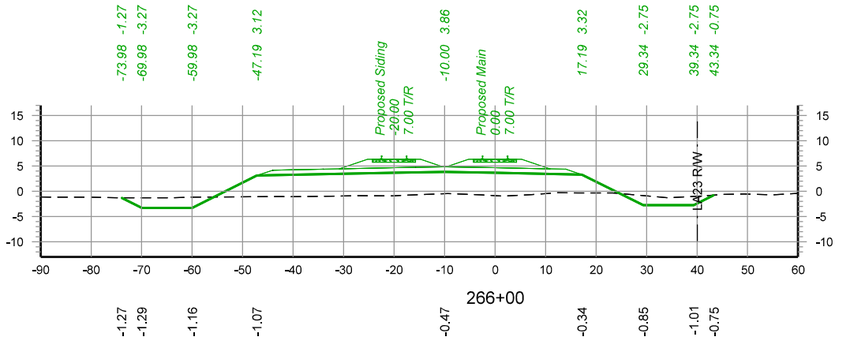
SHEET TITLE:
Cross Sections - STA. 256+00 to STA. 261+00

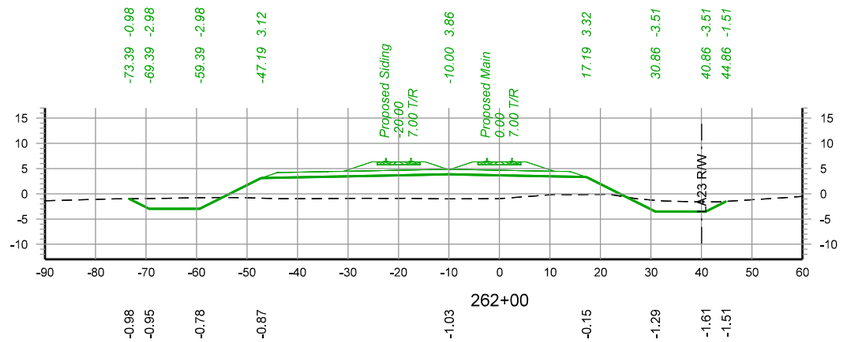
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Cross Sections - STA. 256+00 to STA. 261+00
10/20/2022

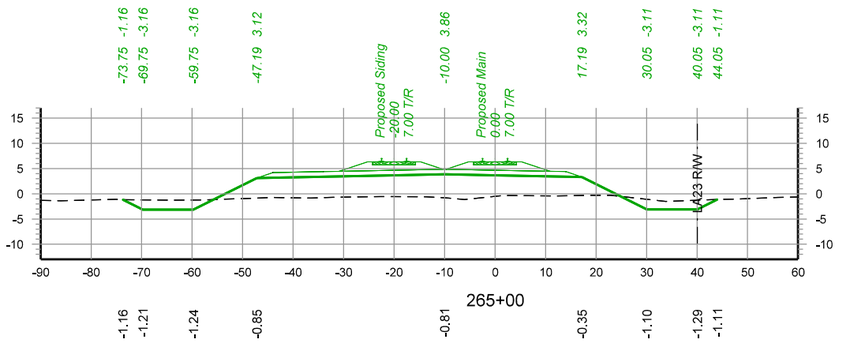












30 0 30 60

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REV. #	BY	DATE	DESCRIPTION
REV05		08/10/2022	
REV05.1		09/07/2022	
REV06		10/03/2022	

LEGEND:
- EXIST. TRACK
- PROPOSED TRACK
- FUTURE TRACK
- SHOOFLY TRACK
- SHIFT TRACK
- RETIRE TRACK
- LADOTD EXIST. LA23 R/W

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NEW ORLEANS AND GULF COAST RAILWAY CO.

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NATHANIEL H. ELLIS
License No. 43929
PROFESSIONAL ENGINEER

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SCALE:	1"=30' (H & V)
WORK ORDER:	
PID:	
BUDGET REF:	
SHEET NUMBER	X043 of 078

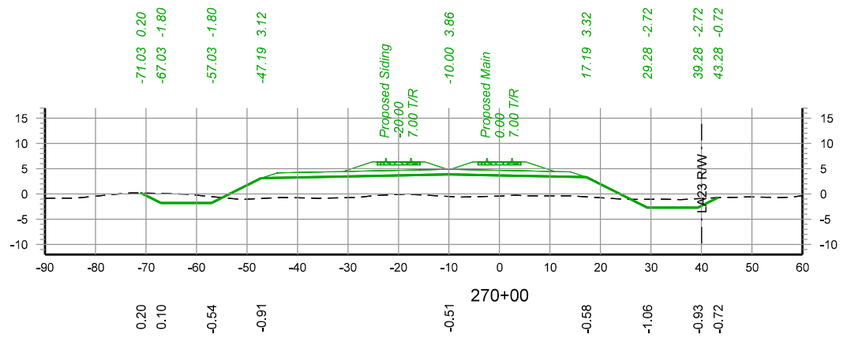
UNION PACIFIC RAILROAD

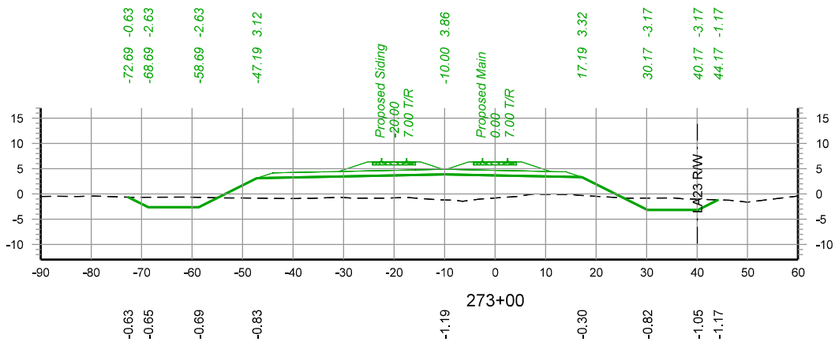
LGT MAINLINE EXTENSION

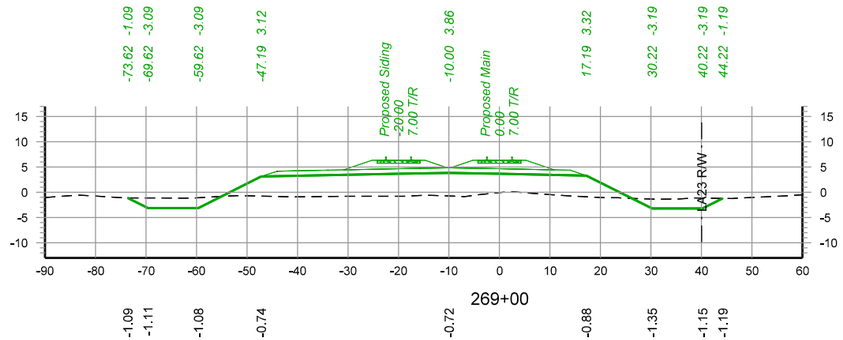
LOCATION & DESCRIPTION:
30% Design
NOGC RR Terminus (MP 24) to Future Gateway Terminal (MP 33)
Plaquemines Parish, LA

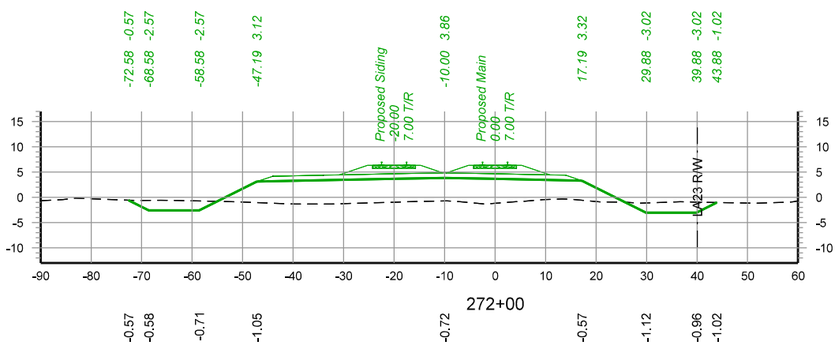
SHEET TITLE:
Cross Sections - STA. 262+00 to STA. 267+00

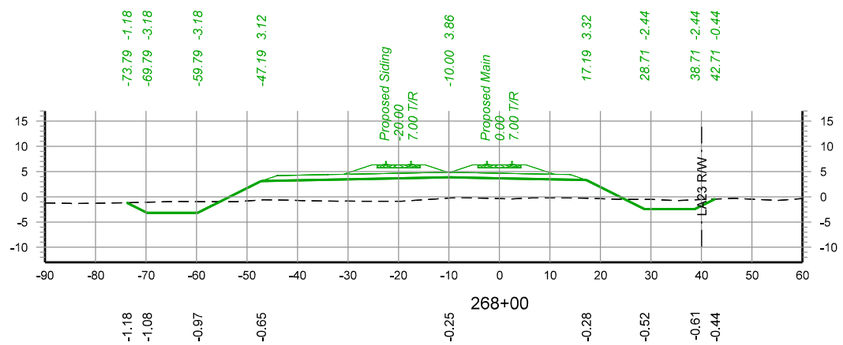
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Cross Sections - STA. 262+00 to STA. 267+00
10/20/2022

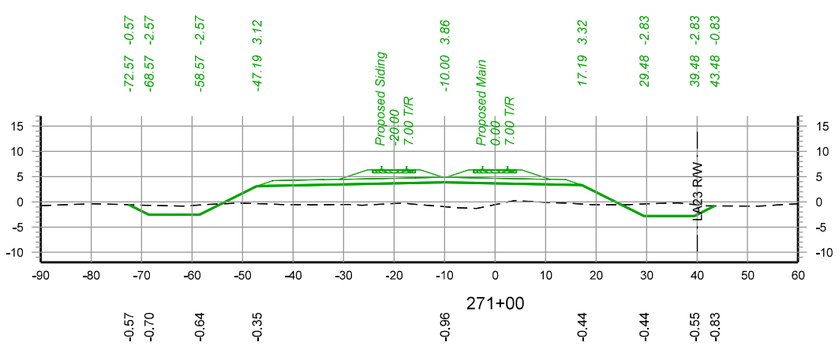












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REV. #	BY	DATE	DESCRIPTION
REV05		08/10/2022	
REV05.1		09/07/2022	
REV06		10/03/2022	

LEGEND:
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SCALE:	1"=30' (H & V)
WORK ORDER:	
PID:	
BUDGET REF:	
SHEET NUMBER	X044 of 078

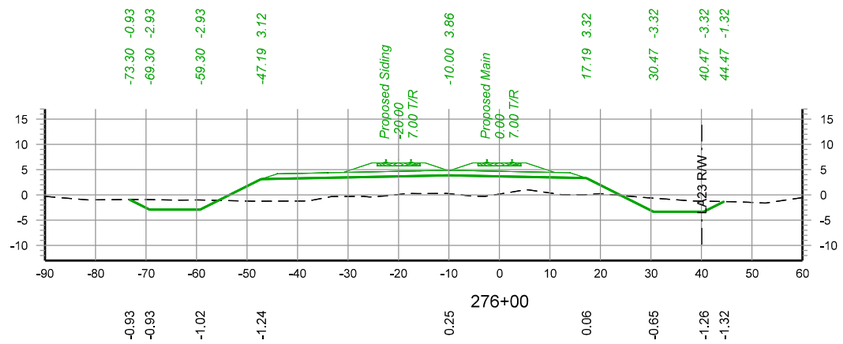
UNION PACIFIC RAILROAD

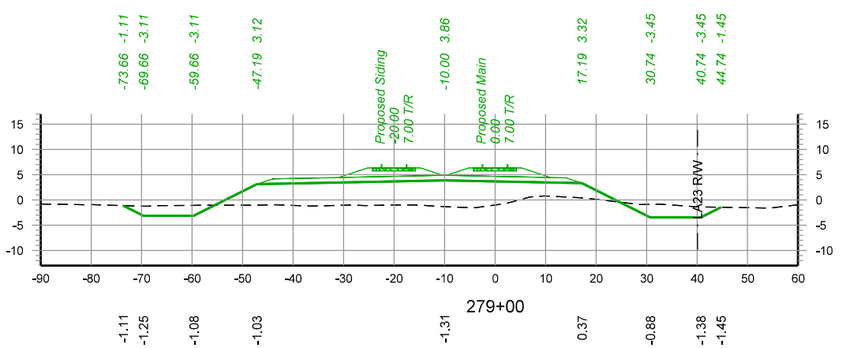
LGT MAINLINE EXTENSION

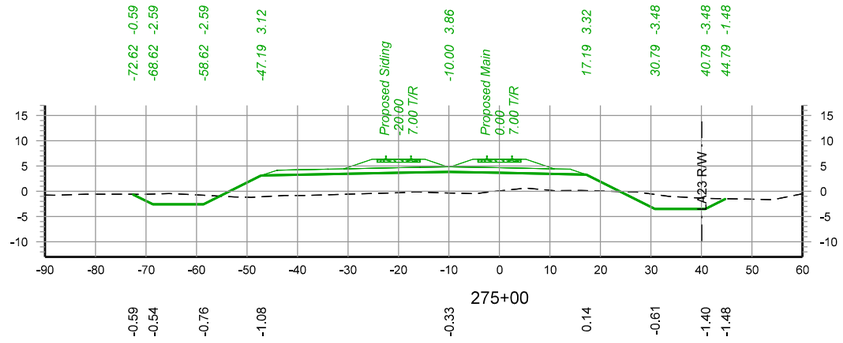
LOCATION & DESCRIPTION:
30% Design
NOGC RR Terminus (MP 24) to Future Gateway Terminal (MP 33)
Plaquemines Parish, LA

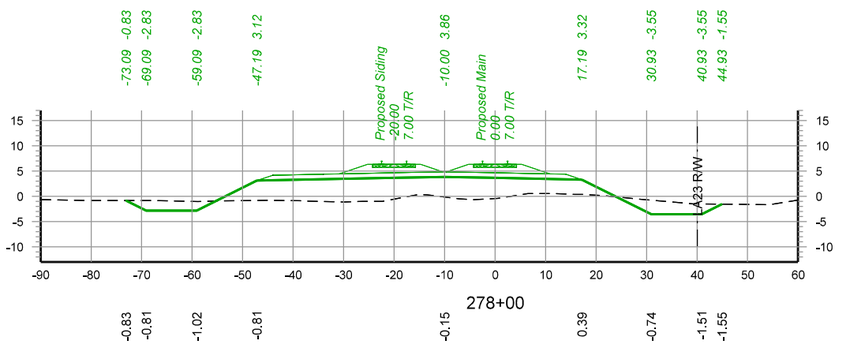
SHEET TITLE:
Cross Sections - STA. 268+00 to STA. 273+00

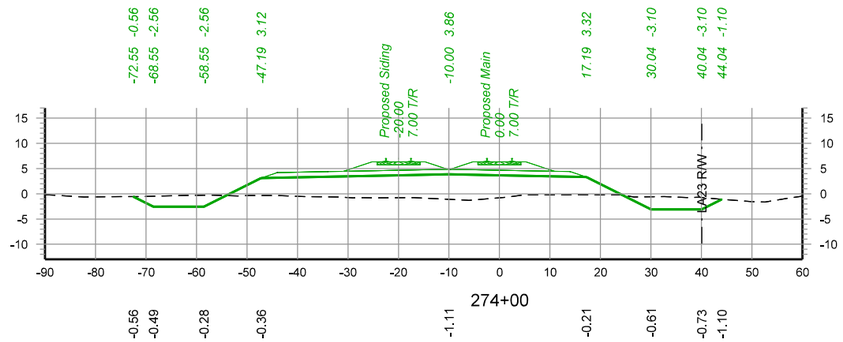
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pw://HDR_PW_DTSNME///
Cross Sections - STA. 268+00 to STA. 273+00
10/20/2022

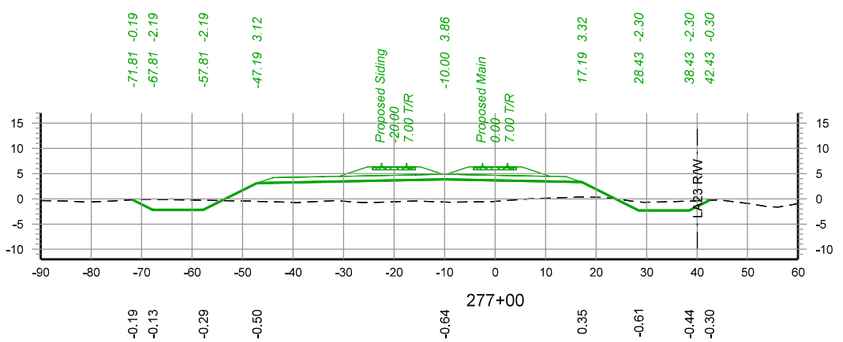












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REV. #	BY	DATE	DESCRIPTION
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REV05.1		09/07/2022	
REV06		10/03/2022	

LEGEND:
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DATE:	11/02/2022
SCALE:	1"=30' (H & V)
WORK ORDER:	
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BUDGET REF:	
SHEET NUMBER	X045 of 078

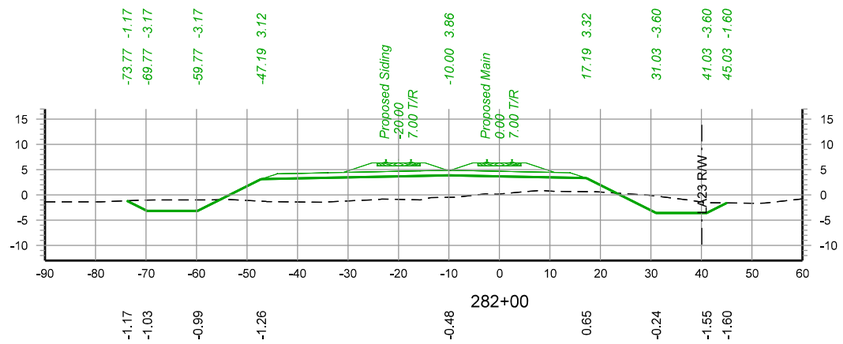
UNION PACIFIC RAILROAD

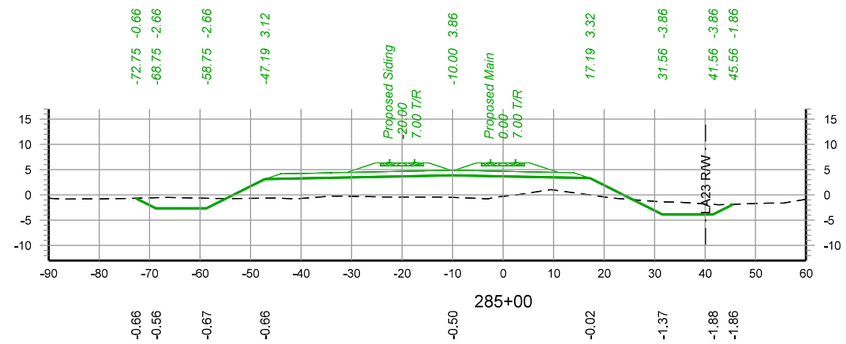
LGT MAINLINE EXTENSION

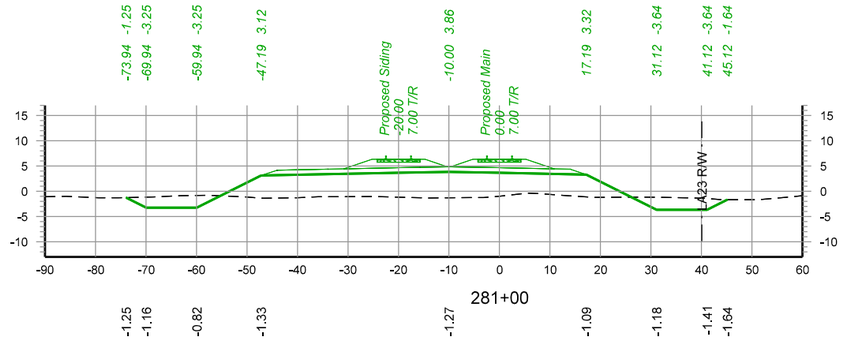
LOCATION & DESCRIPTION:
30% Design
NOGC RR Terminus (MP 24) to Future Gateway Terminal (MP 33)
Plaquemines Parish, LA

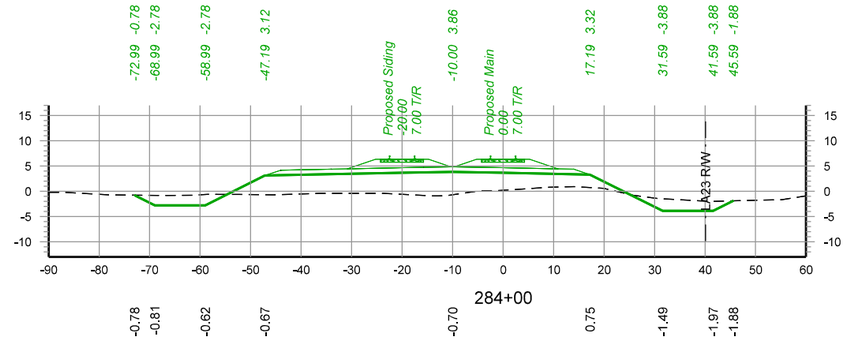
SHEET TITLE:
Cross Sections - STA. 274+00 to STA. 279+00

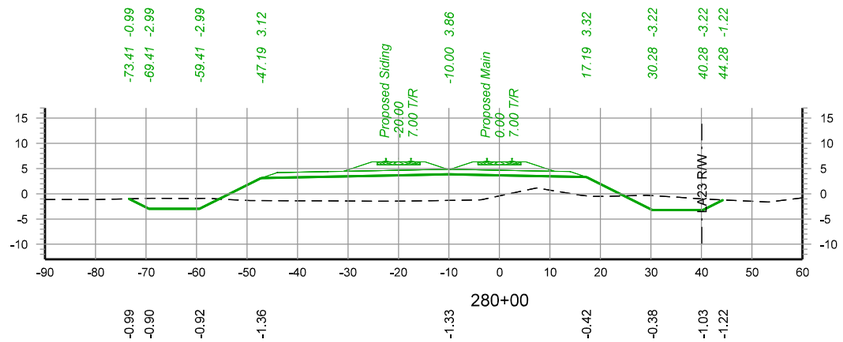
Color table:
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pw://HDR_PW_DTSNME///
Cross Sections - STA. 274+00 to STA. 279+00
10/20/2022

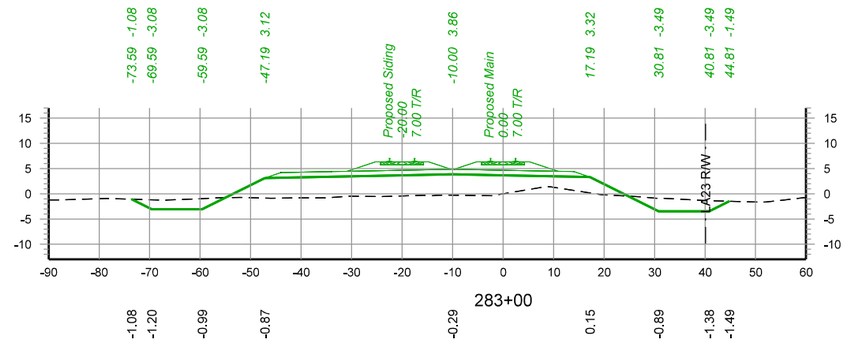












30 0 30 60

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REV. #	BY	DATE	DESCRIPTION
REV05		08/10/2022	
REV05.1		09/07/2022	
REV06		10/03/2022	

LEGEND:
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DATE:	11/02/2022
SCALE:	1"=30' (H & V)
WORK ORDER:	
PID:	
BUDGET REF:	
SHEET NUMBER	X046 of 078

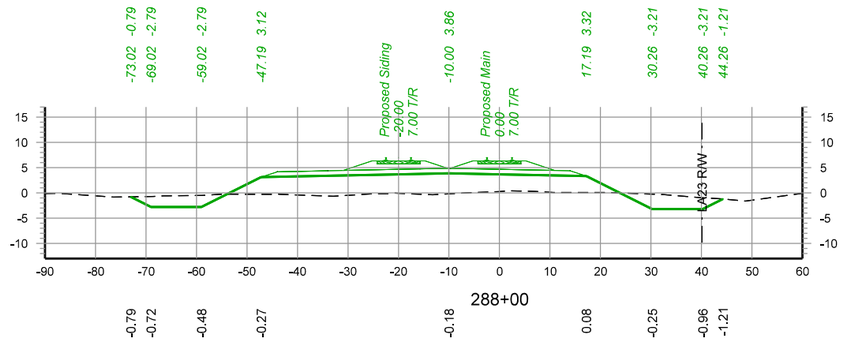
UNION PACIFIC RAILROAD

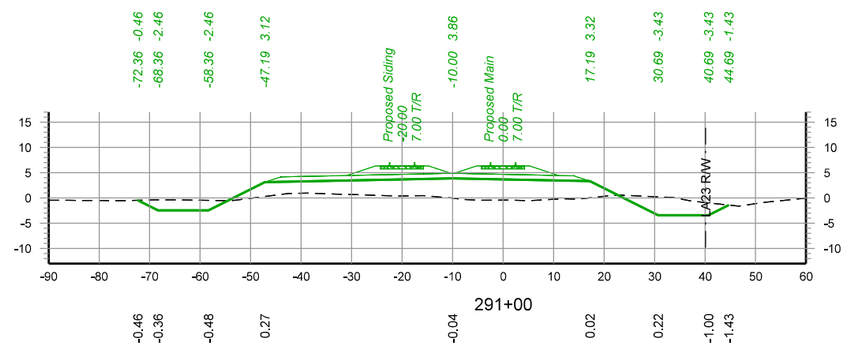
LGT MAINLINE EXTENSION

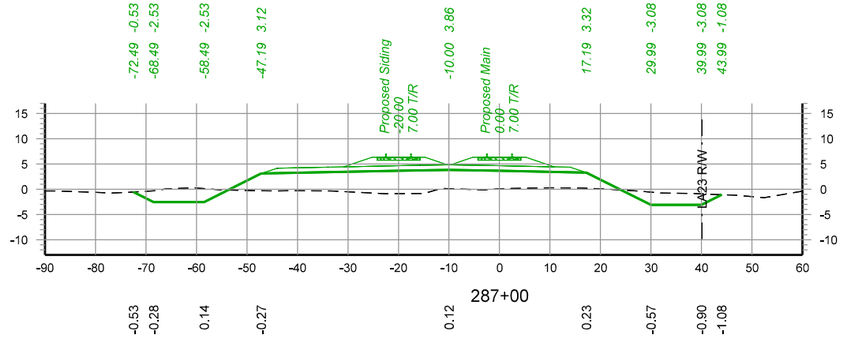
LOCATION & DESCRIPTION:
30% Design
NOGC RR Terminus (MP 24) to Future Gateway Terminal (MP 33)
Plaquemines Parish, LA

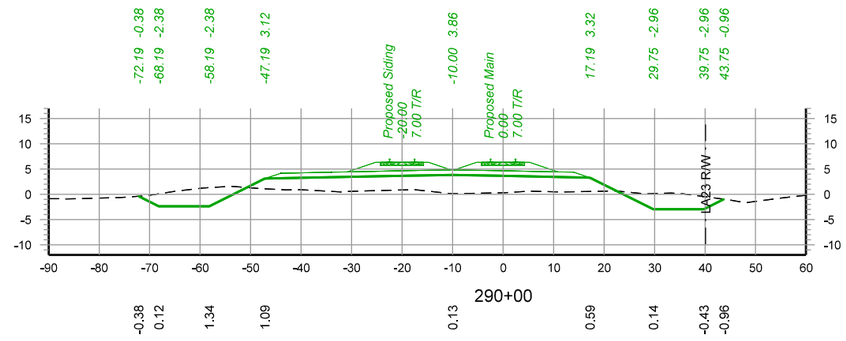
SHEET TITLE:
Cross Sections - STA. 280+00 to STA. 285+00

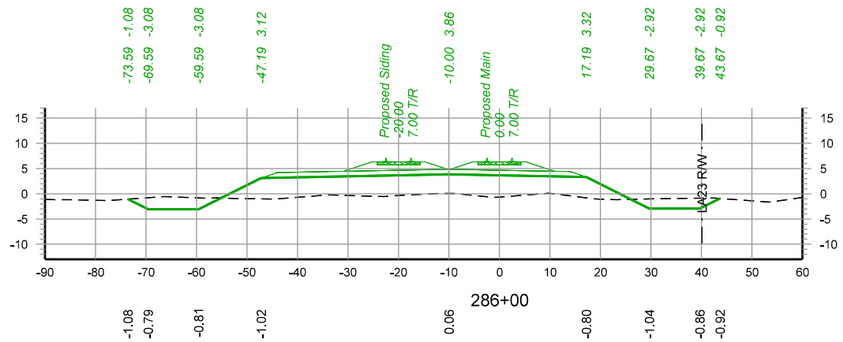
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Cross Sections - STA. 280+00 to STA. 285+00
10/20/2022

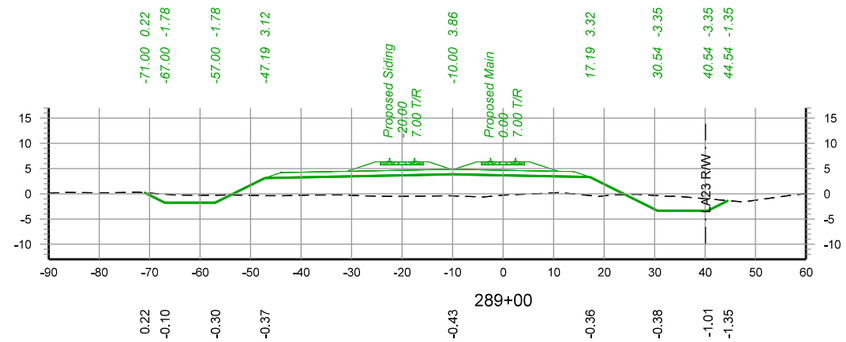












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REV. #	BY	DATE	DESCRIPTION
REV05		08/10/2022	
REV05.1		09/07/2022	
REV06		10/03/2022	

LEGEND:
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WORK ORDER:
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BUDGET REF:
SHEET NUMBER: X047 of 078

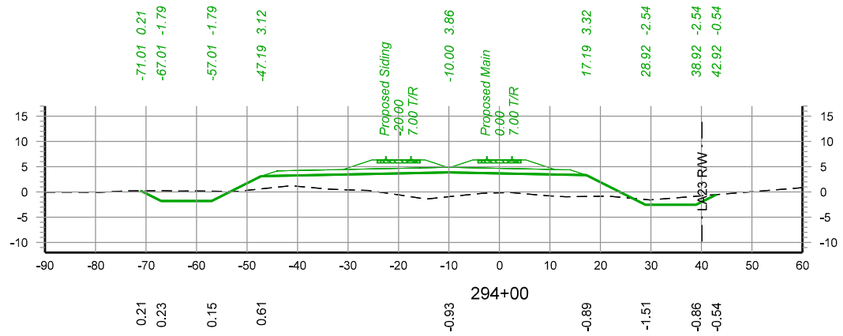
UNION PACIFIC RAILROAD

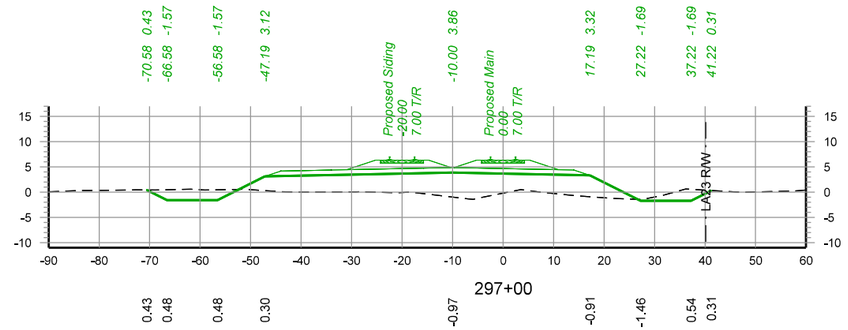
LGT MAINLINE EXTENSION

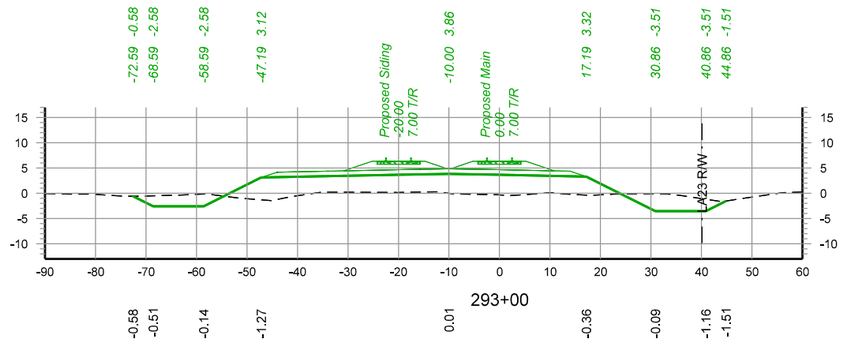
LOCATION & DESCRIPTION:
30% Design
NOGC RR Terminus (MP 24) to Future Gateway Terminal (MP 33)
Plaquemines Parish, LA

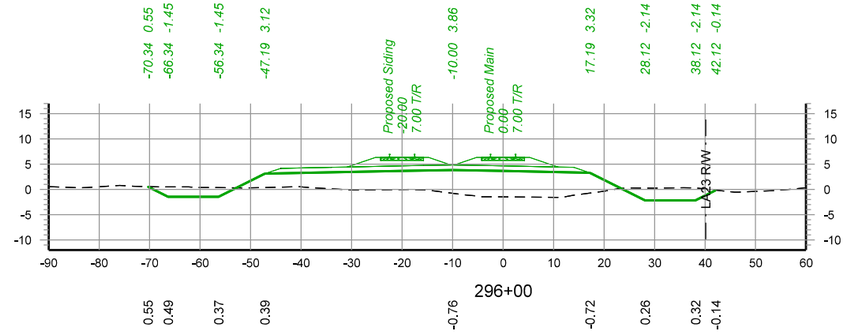
SHEET TITLE:
Cross Sections - STA. 286+00 to STA. 291+00

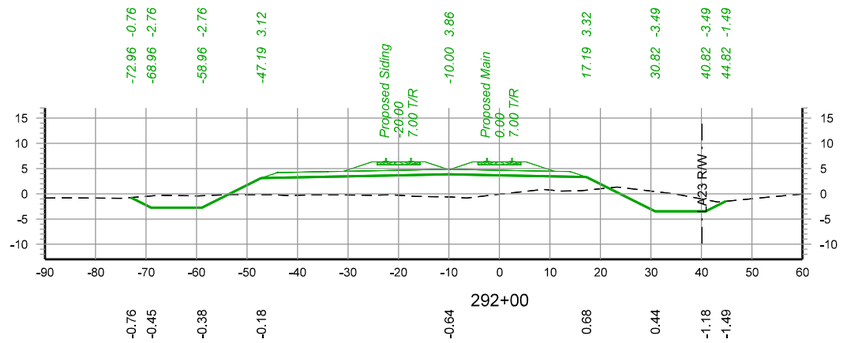
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pw://HDR_PW_DTSNME///
Cross Sections - STA. 286+00 to STA. 291+00
10/20/2022

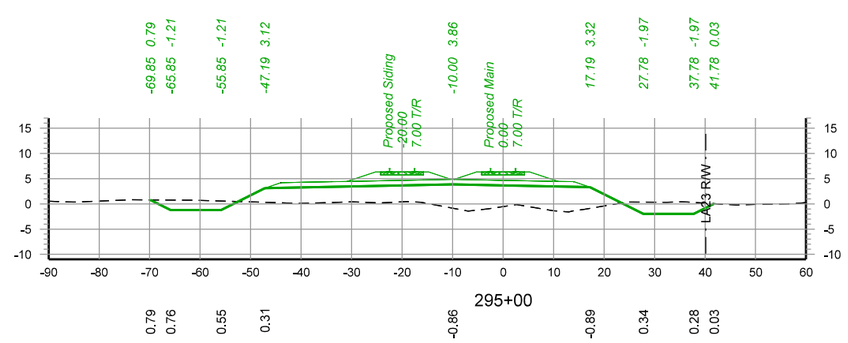












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REV05		08/10/2022	
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REV06		10/03/2022	

LEGEND:
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SCALE:	1"=30' (H & V)
WORK ORDER:	
PID:	
BUDGET REF:	
SHEET NUMBER	X048 of 078

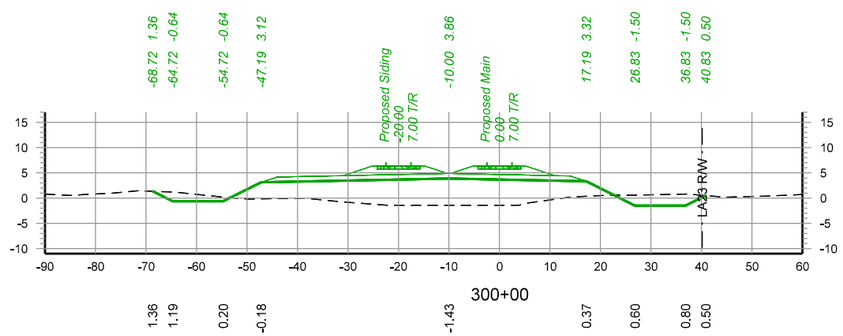
UNION PACIFIC RAILROAD

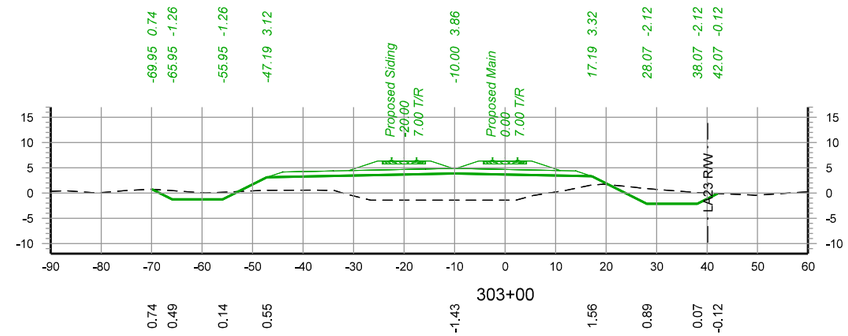
LGT MAINLINE EXTENSION

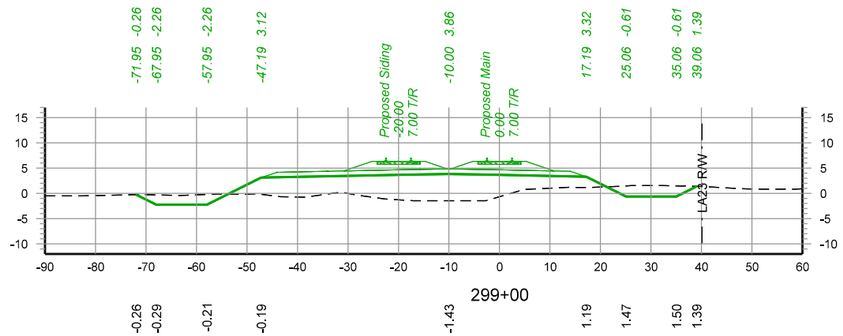
LOCATION & DESCRIPTION:
30% Design
NOGC RR Terminus (MP 24) to Future Gateway Terminal (MP 33)
Plaquemines Parish, LA

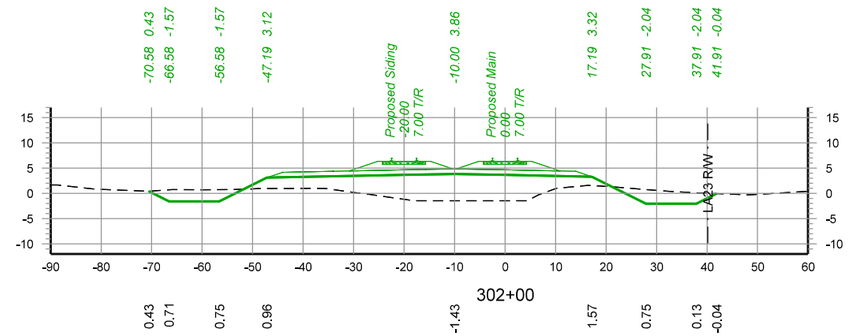
SHEET TITLE:
Cross Sections - STA. 292+00 to STA. 297+00

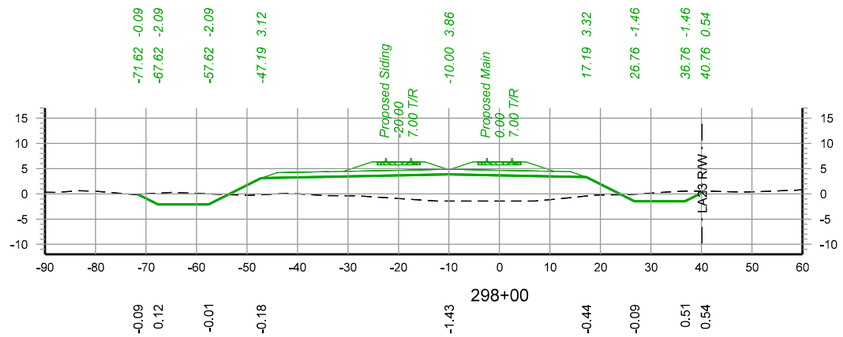
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pw://HDR_PW_DTSNME///
Cross Sections - STA. 292+00 to STA. 297+00
10/20/2022

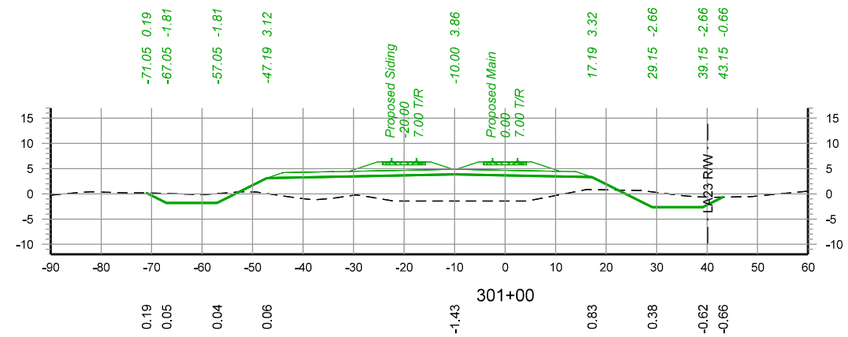












30 0 30 60

SCALE IN FEET

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REV. #	BY	DATE	DESCRIPTION
REV05		08/10/2022	
REV05.1		09/07/2022	
REV06		10/03/2022	

LEGEND:
- EXIST. TRACK
- PROPOSED TRACK
- FUTURE TRACK
- SHOOFLY TRACK
- SHIFT TRACK
- RETIRE TRACK
- LADOTD EXIST. LA23 R/W

WSP USA INC.
ONE PENN PLAZA, 4TH FLOOR
NEW YORK, NEW YORK 10119
LICENSE No. EF.0000623

NEW ORLEANS AND GULF COAST RAILWAY CO.

RAIL DESIGN ENGINEER
NATHANIEL H. ELLIS
License No. 43929
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HYDRAULICS ENGINEER
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DATE:	11/02/2022
SCALE:	1"=30' (H & V)
WORK ORDER:	
PID:	
BUDGET REF:	
SHEET NUMBER	X049 of 078

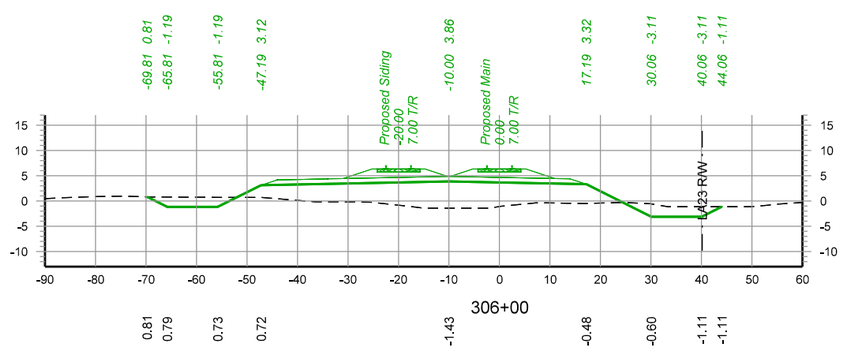
UNION PACIFIC RAILROAD

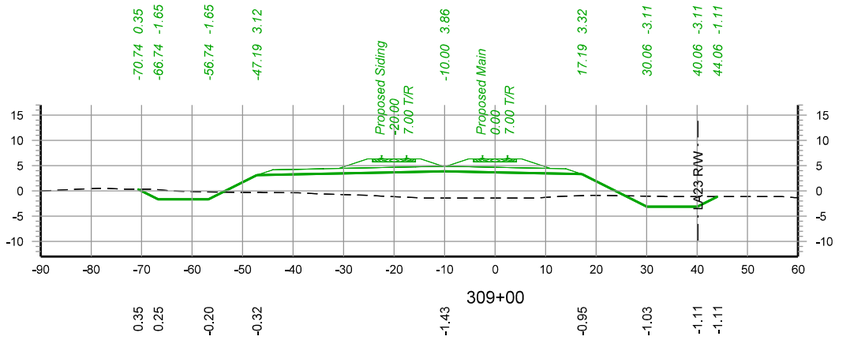
LGT MAINLINE EXTENSION

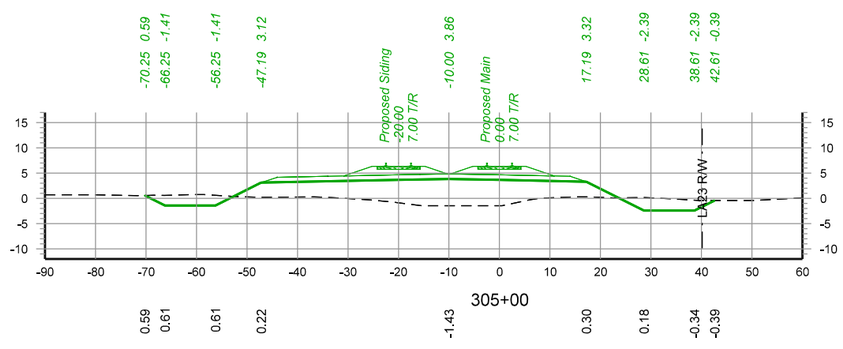
LOCATION & DESCRIPTION:
30% Design
NOGC RR Terminus (MP 24) to Future Gateway Terminal (MP 33)
Plaquemines Parish, LA

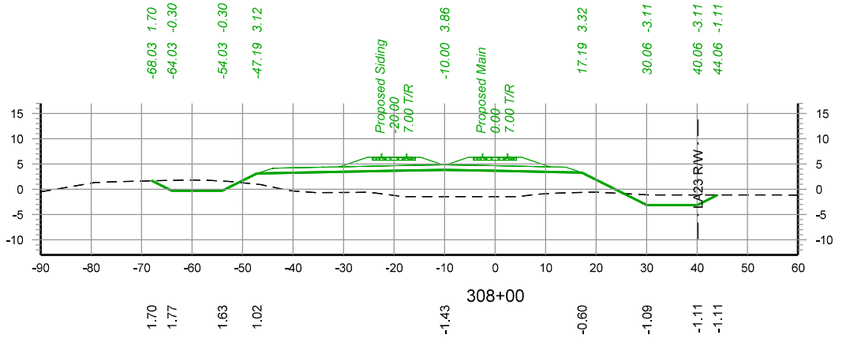
SHEET TITLE:
Cross Sections - STA. 298+00 to STA. 303+00

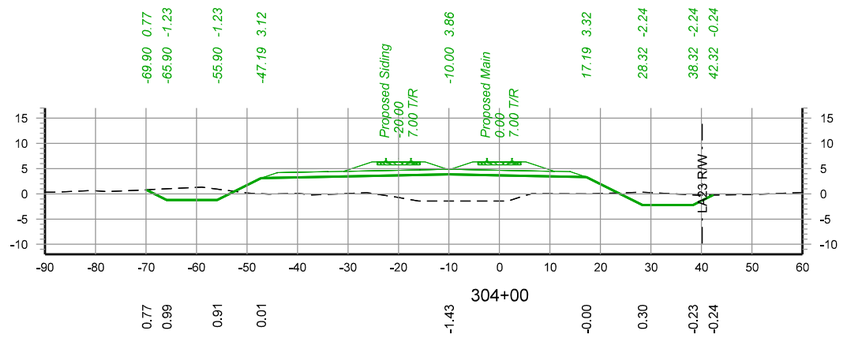
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pw://HDR_PW_DTSNME///
Cross Sections - STA. 298+00 to STA. 303+00
10/20/2022

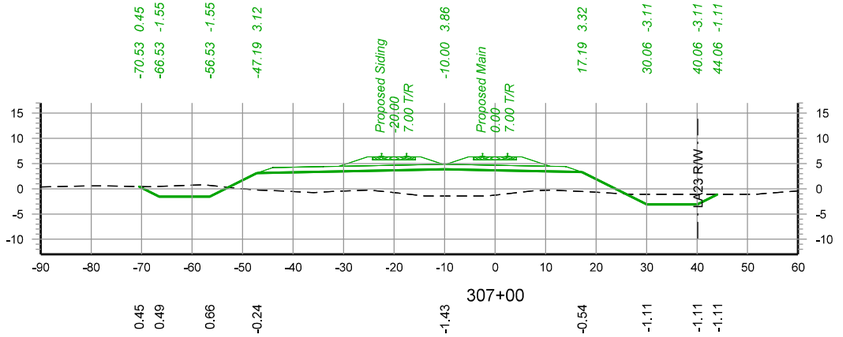












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REV. #	BY	DATE	DESCRIPTION
REV05		08/10/2022	
REV05.1		09/07/2022	
REV06		10/03/2022	

LEGEND:
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CHECKED BY:	NHE
DATE:	11/02/2022
SCALE:	1"=30' (H & V)
WORK ORDER:	
PID:	
BUDGET REF:	
SHEET NUMBER	X050 of 078

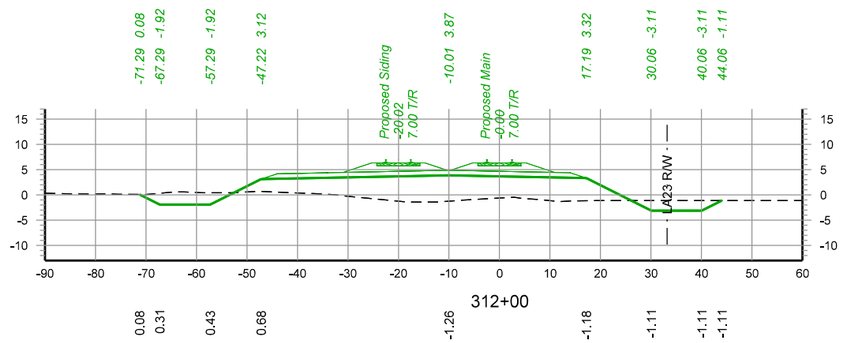
UNION PACIFIC RAILROAD

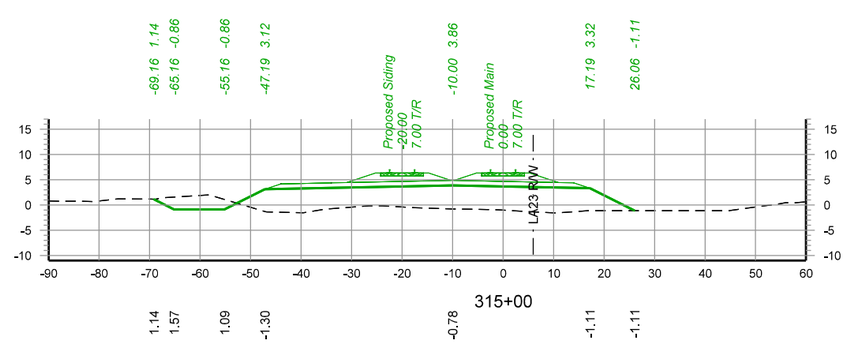
LGT MAINLINE EXTENSION

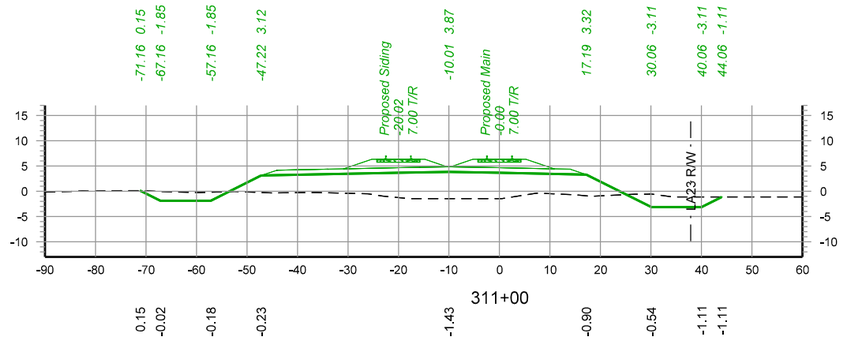
LOCATION & DESCRIPTION:
30% Design
NOGC RR Terminus (MP 24) to Future Gateway Terminal (MP 33)
Plaquemines Parish, LA

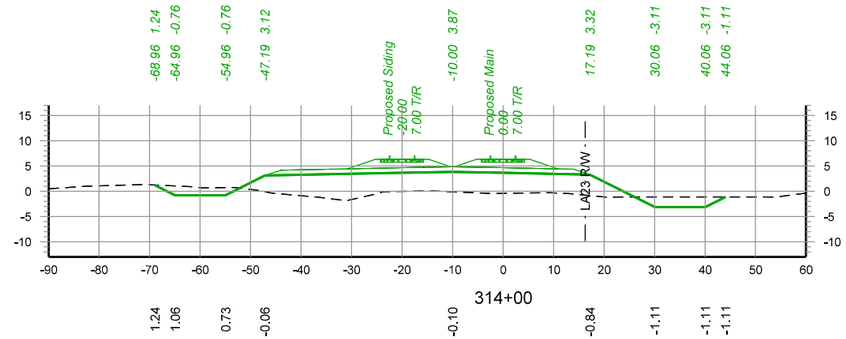
SHEET TITLE:
Cross Sections - STA. 304+00 to STA. 309+00

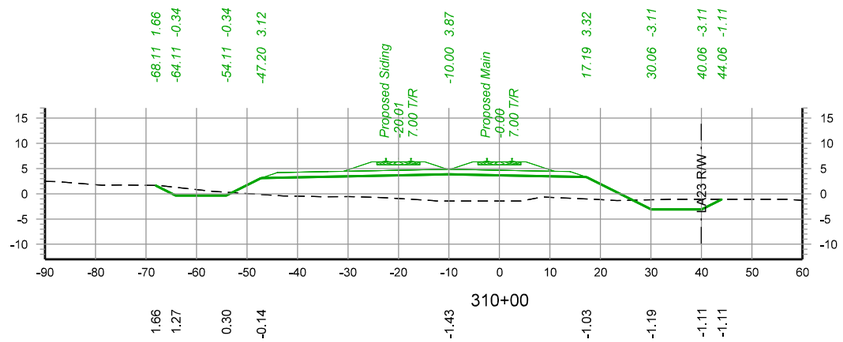
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pw://HDR_PW_DTSNME///
Cross Sections - STA. 304+00 to STA. 309+00
10/20/2022

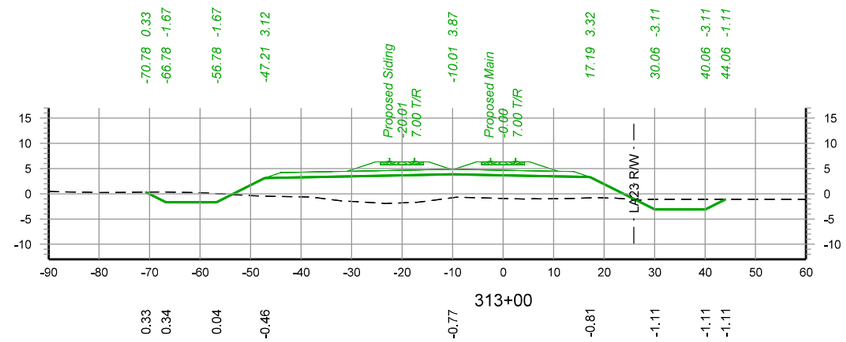












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REV. #	BY	DATE	DESCRIPTION
REV05		08/10/2022	
REV05.1		09/07/2022	
REV06		10/03/2022	

LEGEND:
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DATE:	11/02/2022
SCALE:	1"=30' (H & V)
WORK ORDER:	
PID:	
BUDGET REF:	
SHEET NUMBER	X051 of 078

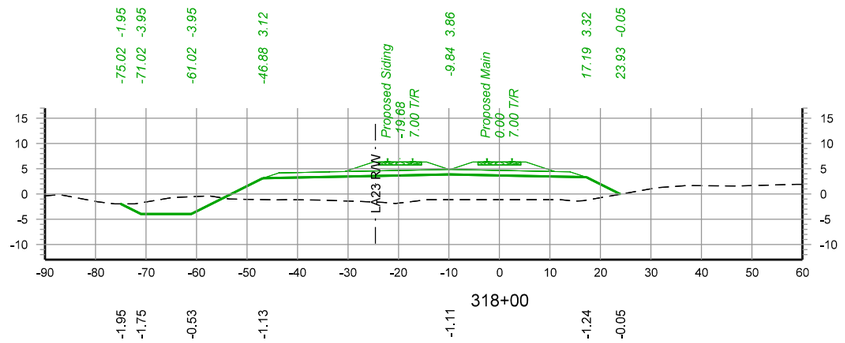
UNION PACIFIC RAILROAD

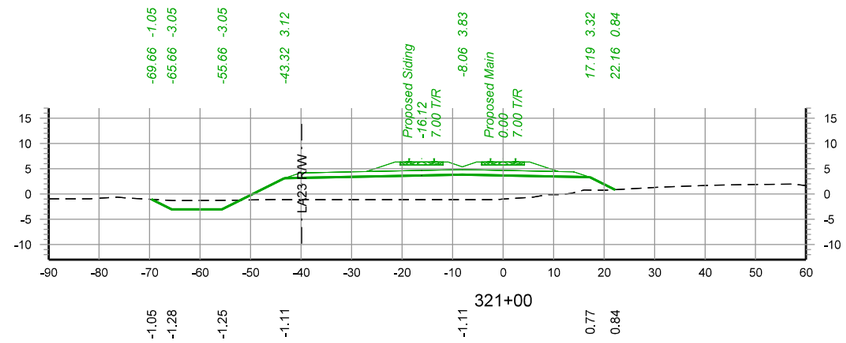
LGT MAINLINE EXTENSION

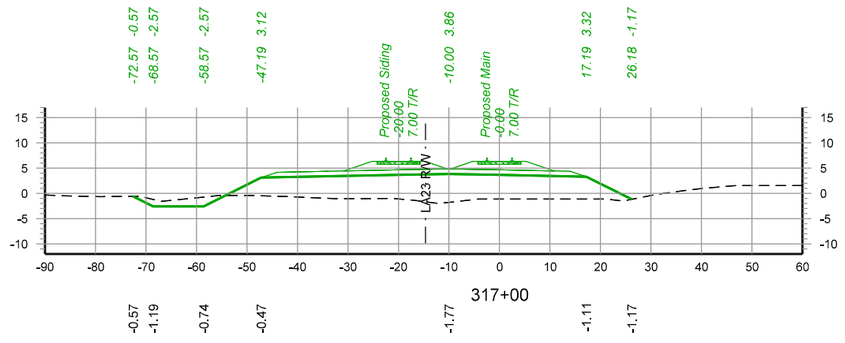
LOCATION & DESCRIPTION:
30% Design
NOGC RR Terminus (MP 24) to Future Gateway Terminal (MP 33)
Plaquemines Parish, LA

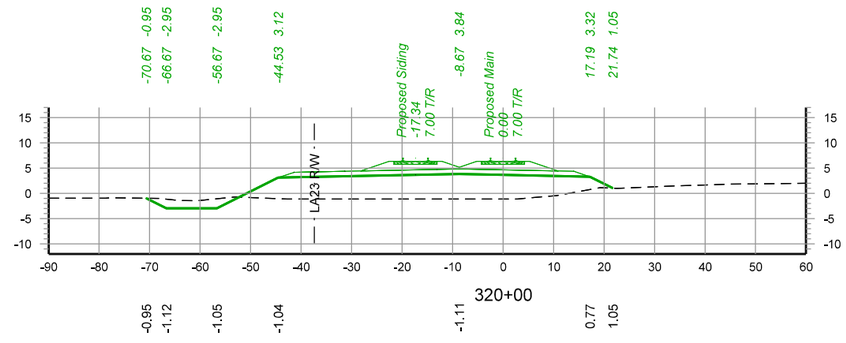
SHEET TITLE:
Cross Sections - STA. 310+00 to STA. 315+00

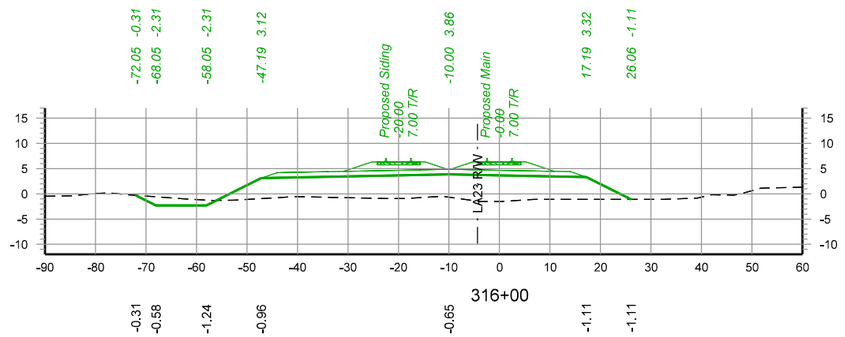
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Cross Sections - STA. 310+00 to STA. 315+00
10/20/2022

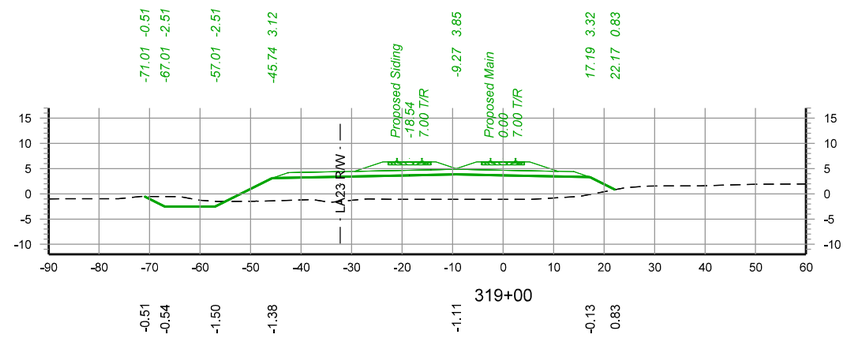












30 0 30 60

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REV. #	BY	DATE	DESCRIPTION
REV05		08/10/2022	
REV05.1		09/07/2022	
REV06		10/03/2022	

LEGEND:
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DATE:	11/02/2022
SCALE:	1"=30' (H & V)
WORK ORDER:	
PID:	
BUDGET REF:	
SHEET NUMBER	X052 of 078

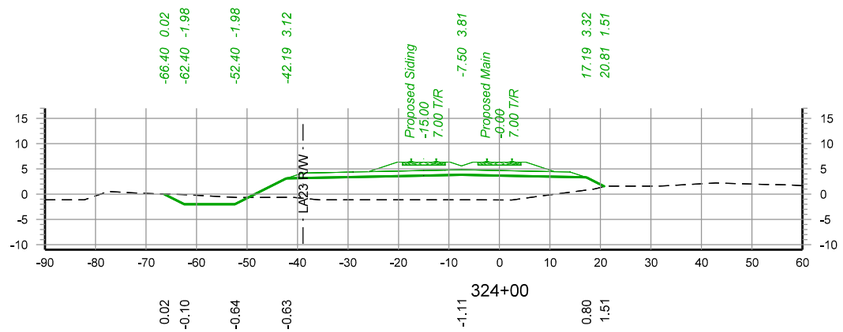
UNION PACIFIC RAILROAD

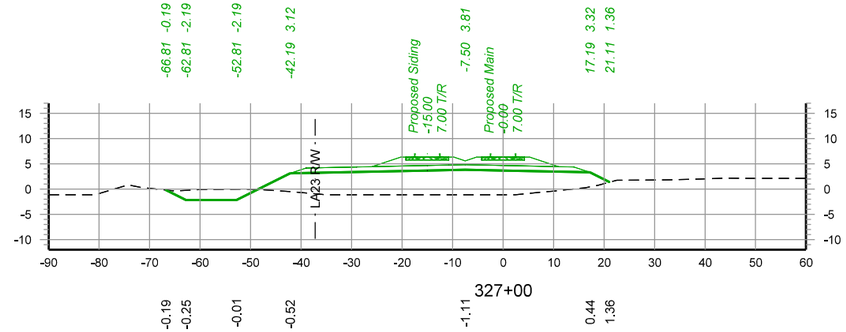
LGT MAINLINE EXTENSION

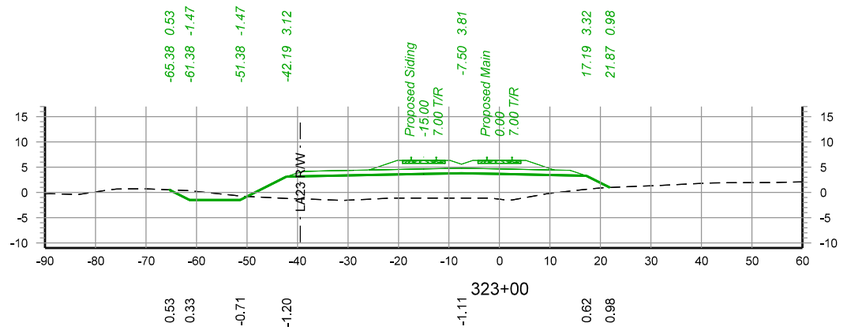
LOCATION & DESCRIPTION:
30% Design
NOGC RR Terminus (MP 24) to Future Gateway Terminal (MP 33)
Plaquemines Parish, LA

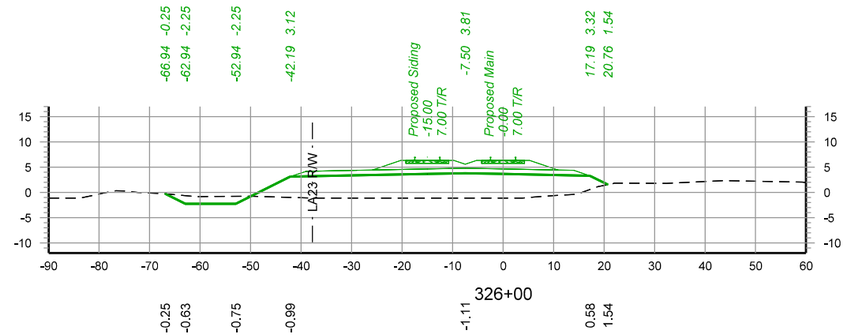
SHEET TITLE:
Cross Sections - STA. 316+00 to STA. 321+00

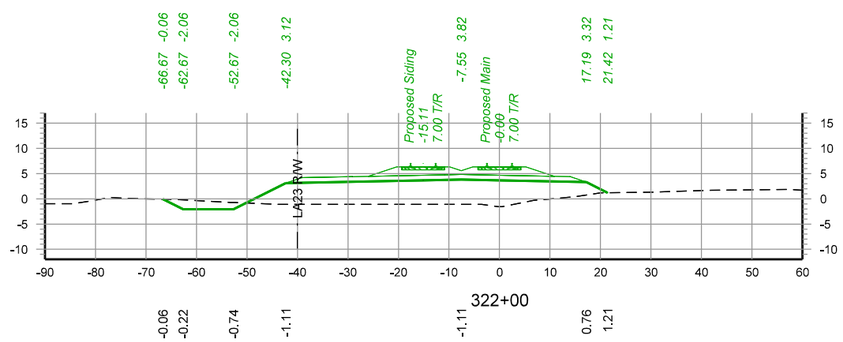
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Cross Sections - STA. 316+00 to STA. 321+00
10/20/2022

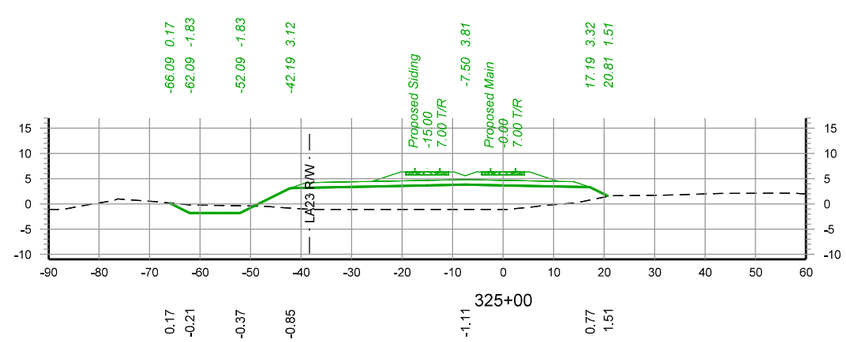












30 0 30 60

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REV05		08/10/2022	
REV05.1		09/07/2022	
REV06		10/03/2022	

LEGEND:
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DATE:	11/02/2022
SCALE:	1"=30' (H & V)
WORK ORDER:	
PID:	
BUDGET REF:	
SHEET NUMBER	X053 of 078

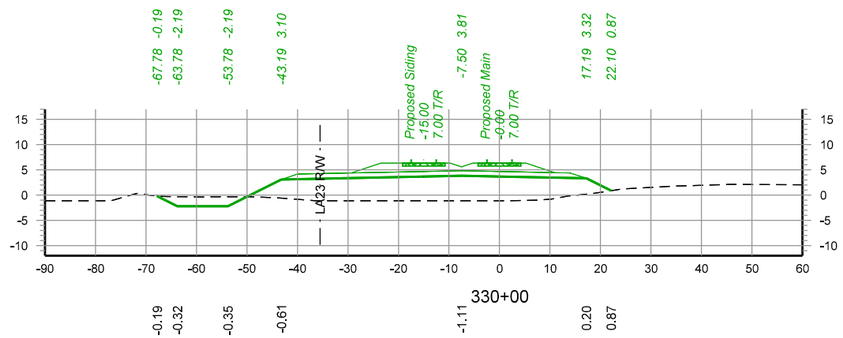
UNION PACIFIC RAILROAD

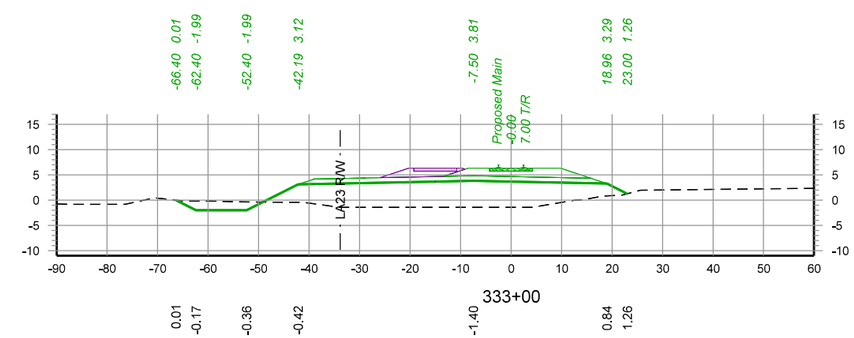
LGT MAINLINE EXTENSION

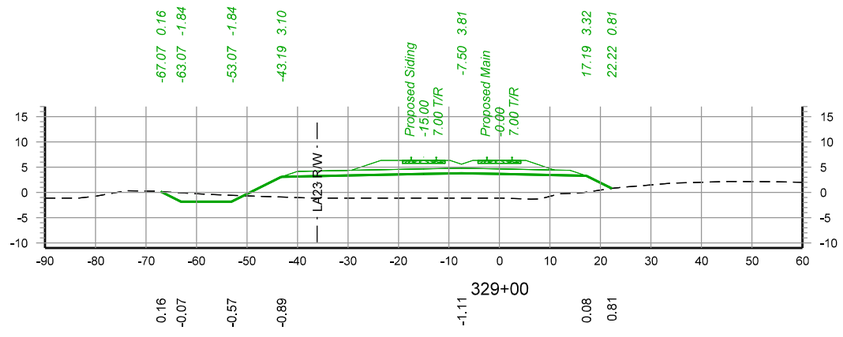
LOCATION & DESCRIPTION:
30% Design
NOGC RR Terminus (MP 24) to Future Gateway Terminal (MP 33)
Plaquemines Parish, LA

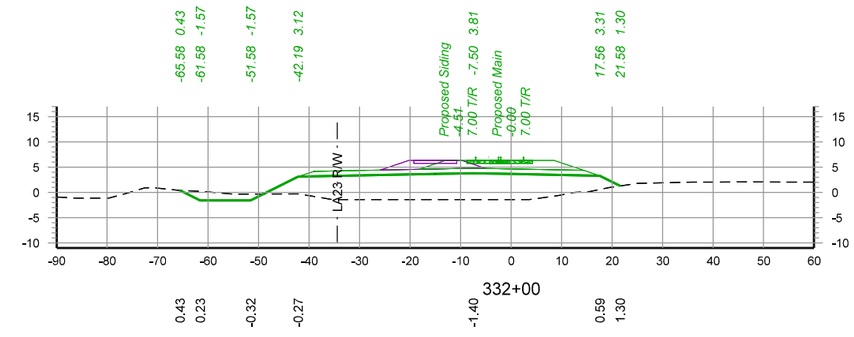
SHEET TITLE:
Cross Sections - STA. 322+00 to STA. 327+00

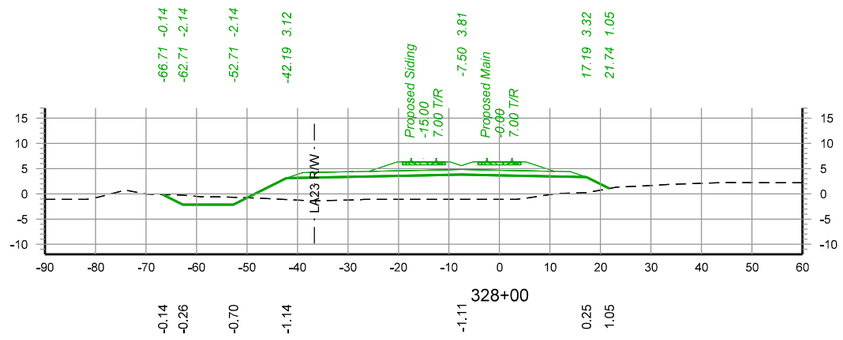
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pw://HDR_PW_DTSNME///
Cross Sections - STA. 322+00 to STA. 327+00
10/20/2022

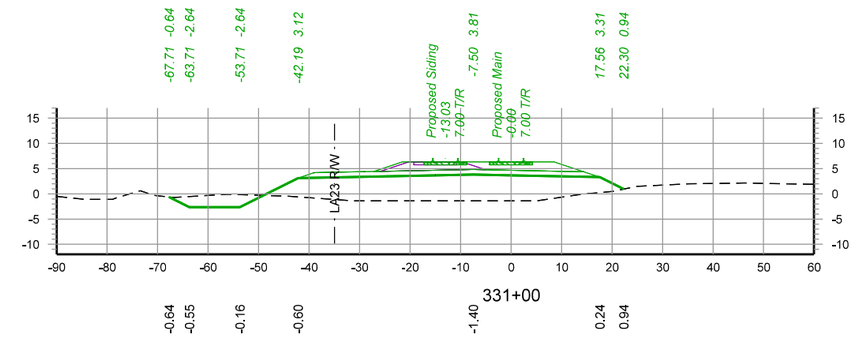












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REV. #	BY	DATE	DESCRIPTION
REV05		08/10/2022	
REV05.1		09/07/2022	
REV06		10/03/2022	

LEGEND:
- EXIST. TRACK
- PROPOSED TRACK
- FUTURE TRACK
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- SHIFT TRACK
- RETIRE TRACK
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DATE: 11/02/2022
SCALE: 1"=30' (H & V)
WORK ORDER:
PID:
BUDGET REF:
SHEET NUMBER: X054 of 078

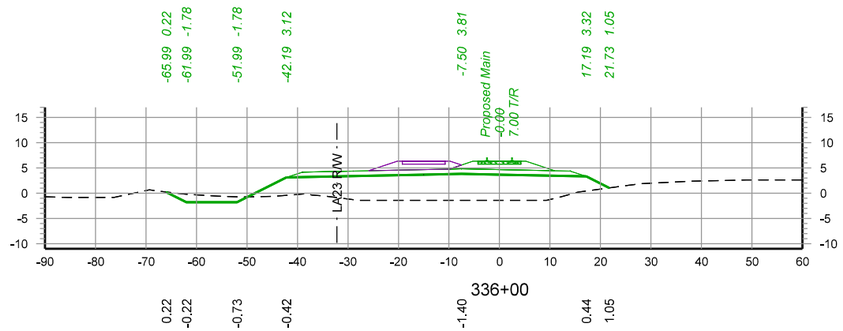
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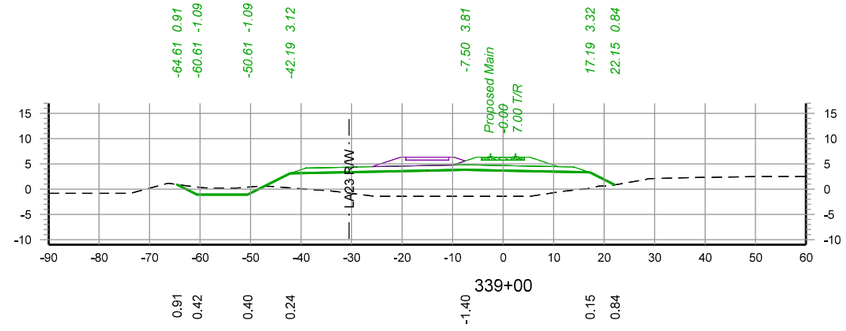
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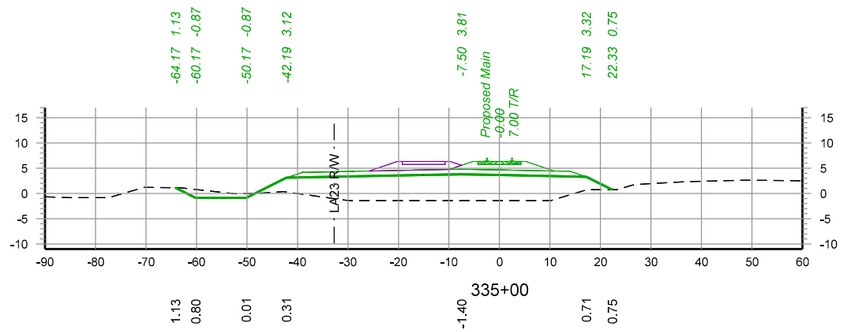
LOCATION & DESCRIPTION:
30% Design
NOGC RR Terminus (MP 24) to Future Gateway Terminal (MP 33)
Plaquemines Parish, LA

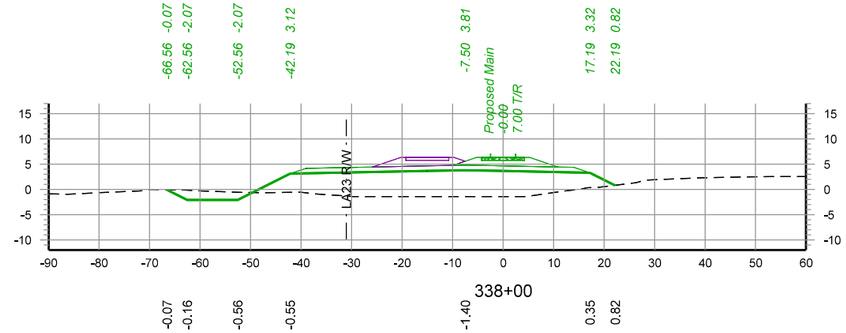
SHEET TITLE:
Cross Sections - STA. 328+00 to STA. 333+00

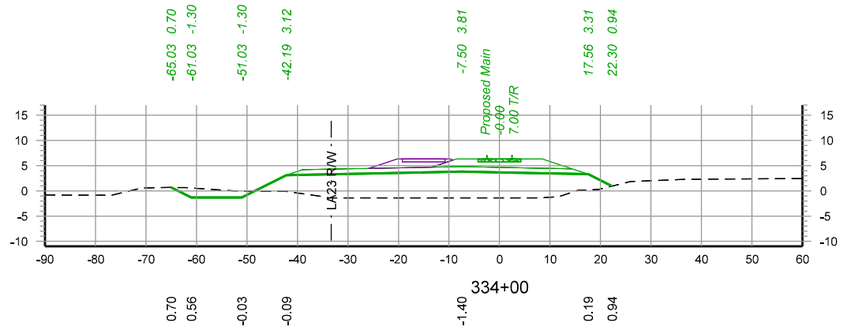
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Cross Sections - STA. 328+00 to STA. 333+00
10/20/2022

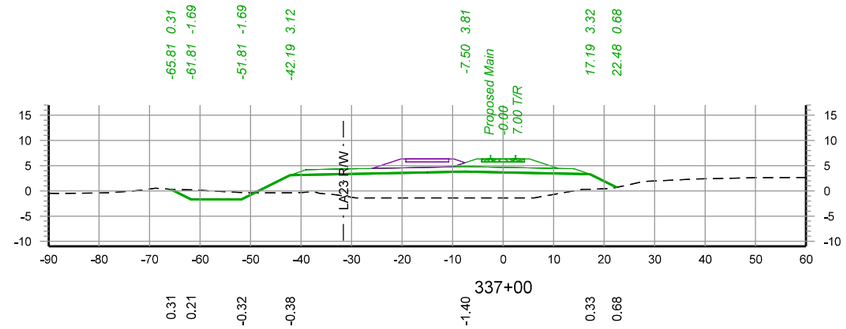












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SCALE:	1"=30' (H & V)
WORK ORDER:	
PID:	
BUDGET REF:	
SHEET NUMBER	X055 of 078

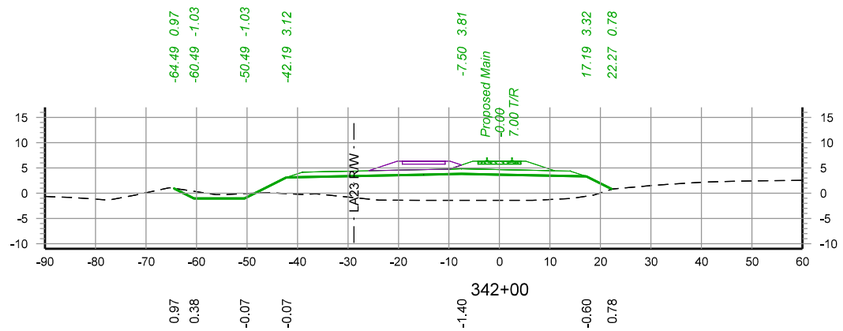
UNION PACIFIC RAILROAD

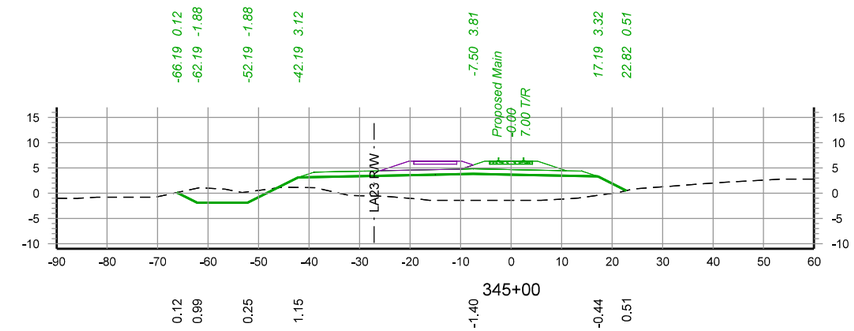
LGT MAINLINE EXTENSION

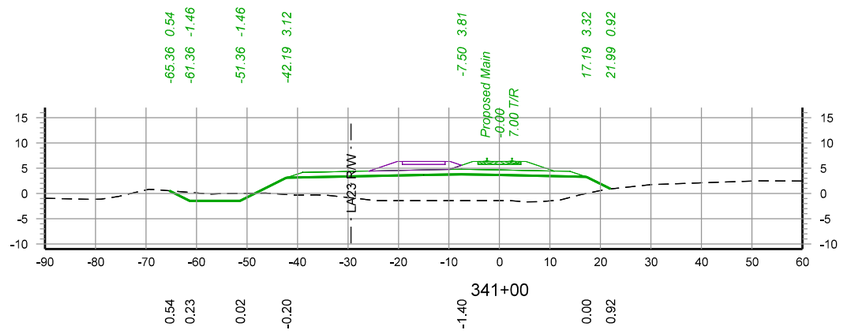
LOCATION & DESCRIPTION:
30% Design
NOGC RR Terminus (MP 24) to Future Gateway Terminal (MP 33)
Plaquemines Parish, LA

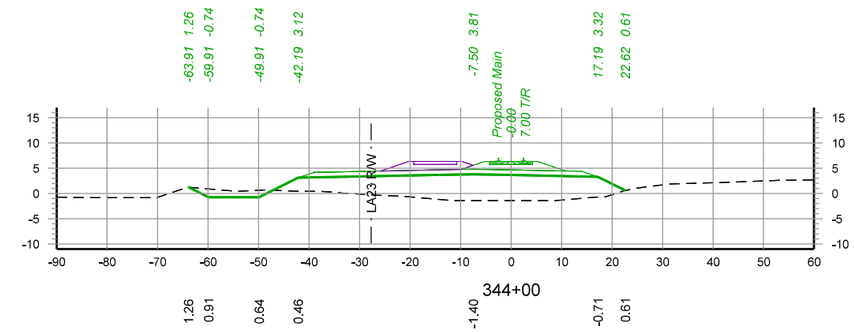
SHEET TITLE:
Cross Sections - STA. 334+00 to STA. 339+00

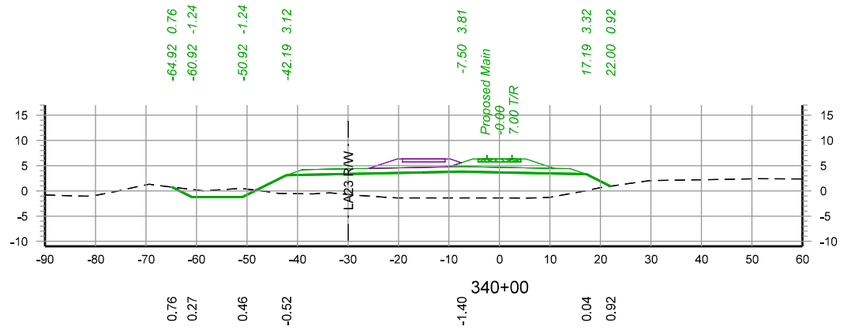
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Cross Sections - STA. 334+00 to STA. 339+00
10/20/2022

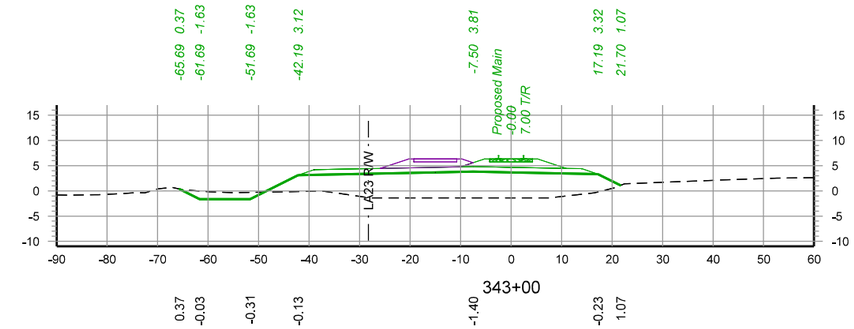












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BUDGET REF:	
SHEET NUMBER	X056 of 078

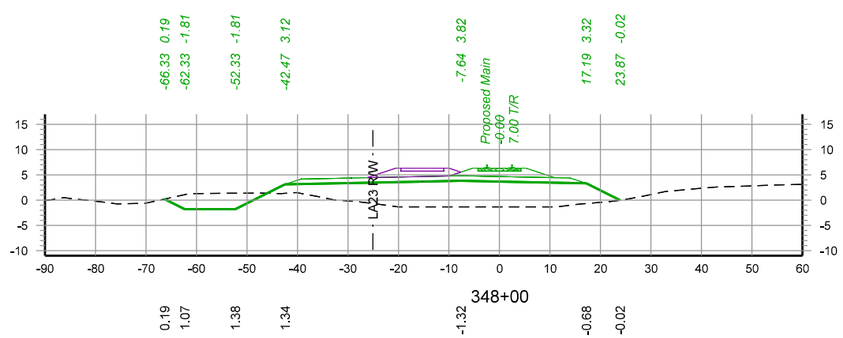
UNION PACIFIC RAILROAD

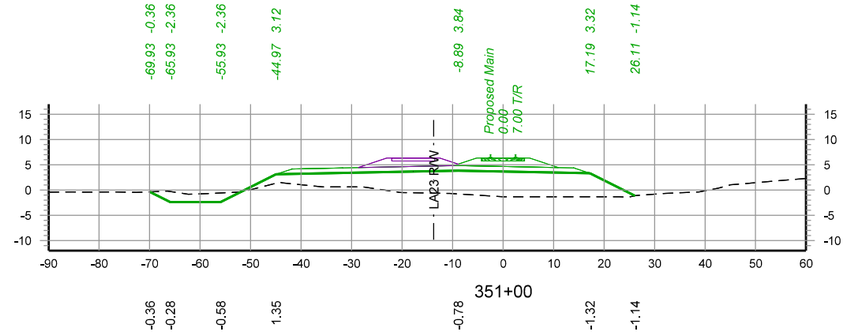
LGT MAINLINE EXTENSION

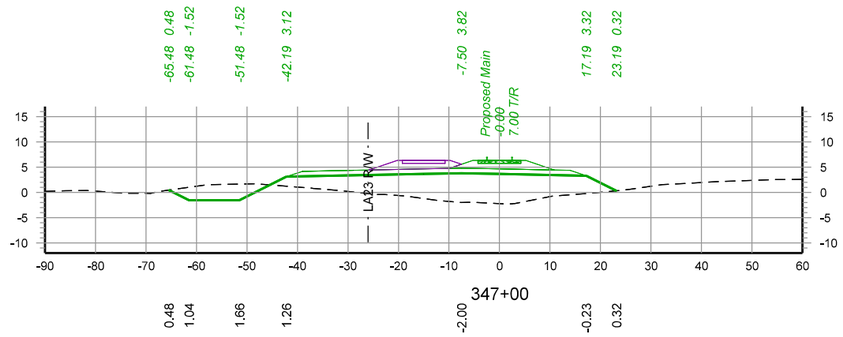
LOCATION & DESCRIPTION:
30% Design
NOGC RR Terminus (MP 24) to Future Gateway Terminal (MP 33)
Plaquemines Parish, LA

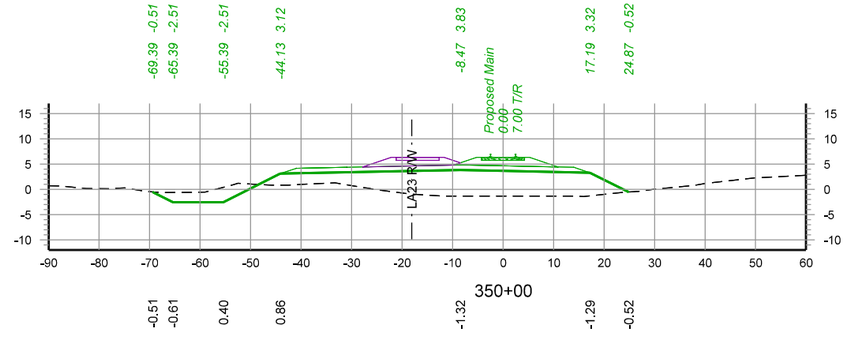
SHEET TITLE:
Cross Sections - STA. 340+00 to STA. 345+00

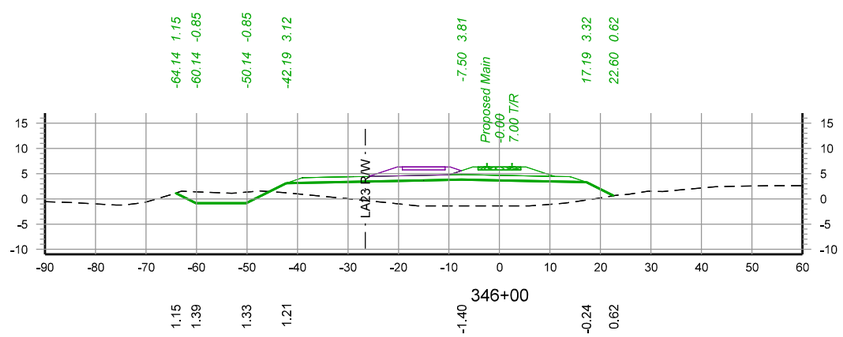
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Cross Sections - STA. 340+00 to STA. 345+00
10/20/2022

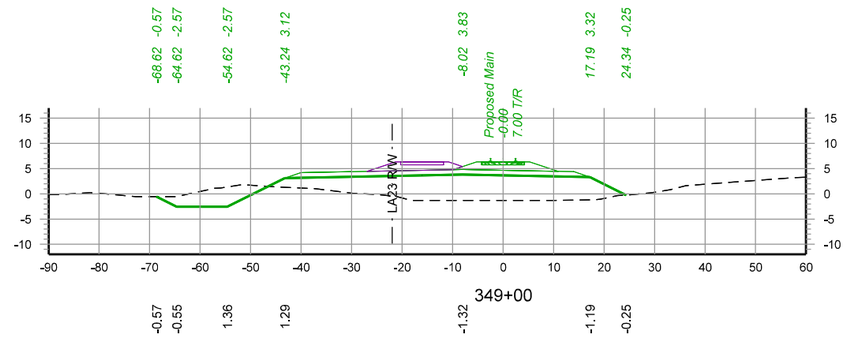












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DATE:	11/02/2022
SCALE:	1"=30' (H & V)
WORK ORDER:	
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BUDGET REF:	
SHEET NUMBER	X057 of 078

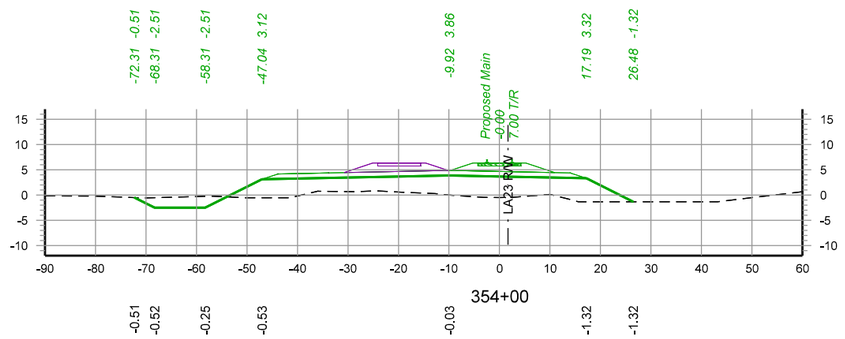
UNION PACIFIC RAILROAD

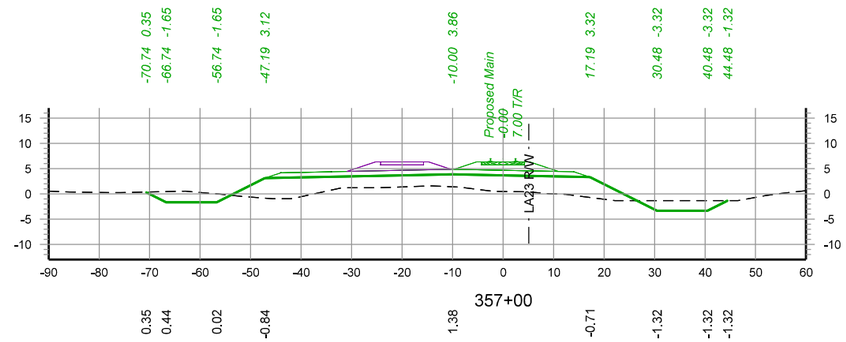
LGT MAINLINE EXTENSION

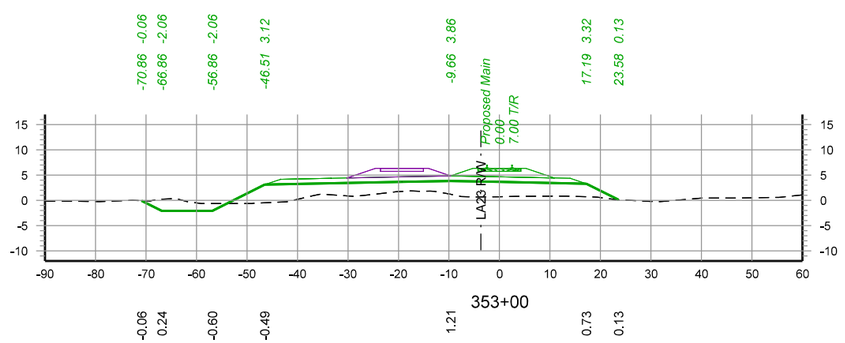
LOCATION & DESCRIPTION:
30% Design
NOGC RR Terminus (MP 24) to Future Gateway Terminal (MP 33)
Plaquemines Parish, LA

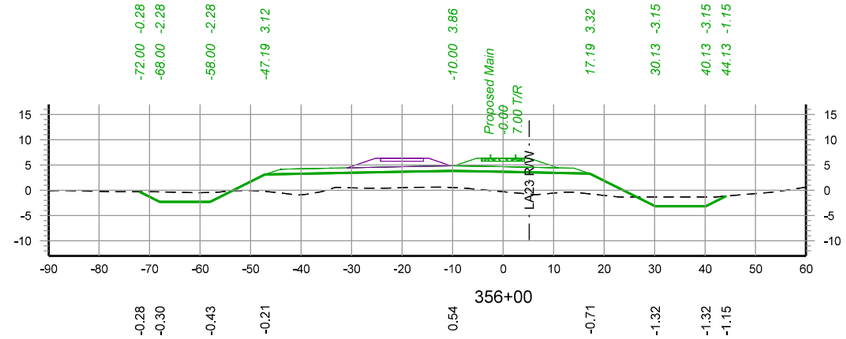
SHEET TITLE:
Cross Sections - STA. 346+00 to STA. 351+00

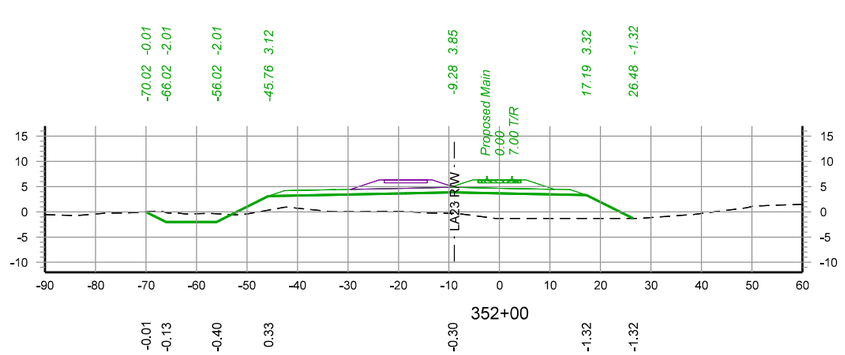
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Cross Sections - STA. 346+00 to STA. 351+00
10/20/2022

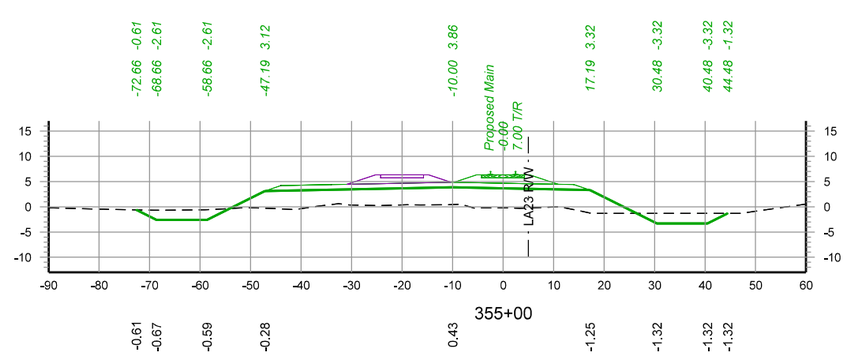












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DATE:	11/02/2022
SCALE:	1"=30' (H & V)
WORK ORDER:	
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BUDGET REF:	
SHEET NUMBER	X058 of 078

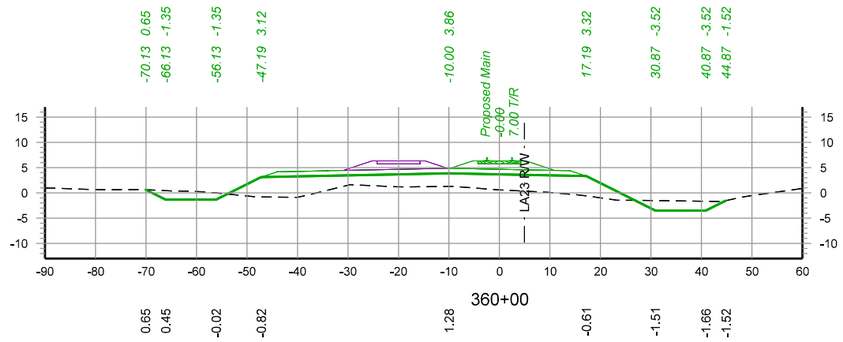
UNION PACIFIC RAILROAD

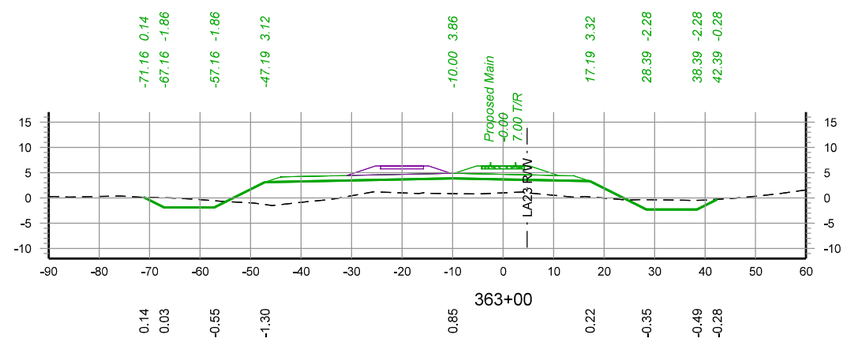
LGT MAINLINE EXTENSION

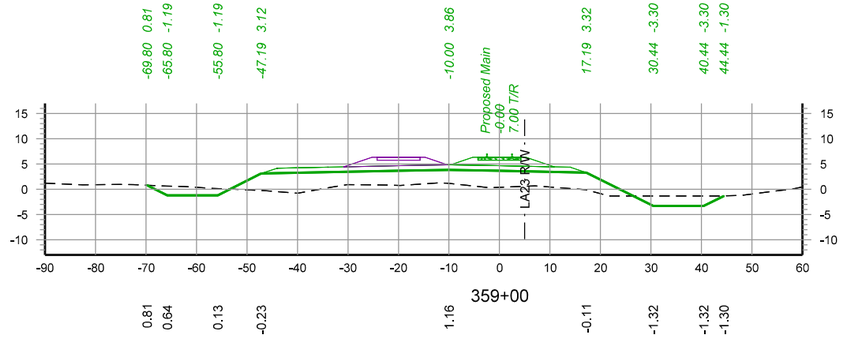
LOCATION & DESCRIPTION:
30% Design
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Plaquemines Parish, LA

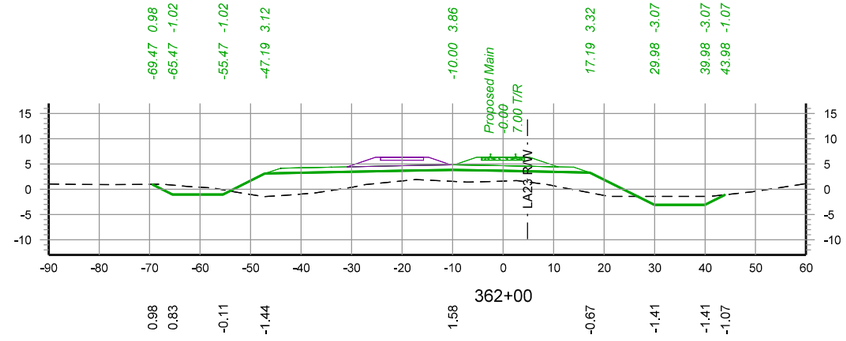
SHEET TITLE:
Cross Sections - STA. 352+00 to STA. 357+00

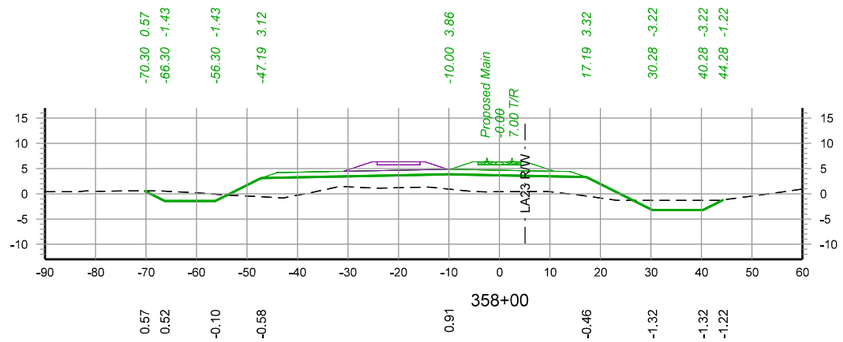
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Cross Sections - STA. 352+00 to STA. 357+00
10/20/2022

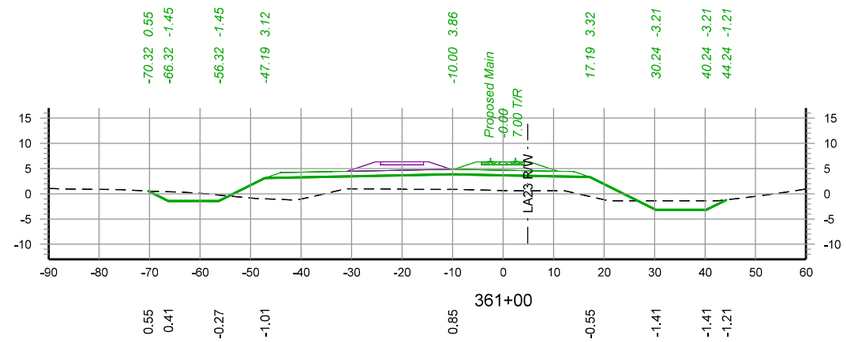












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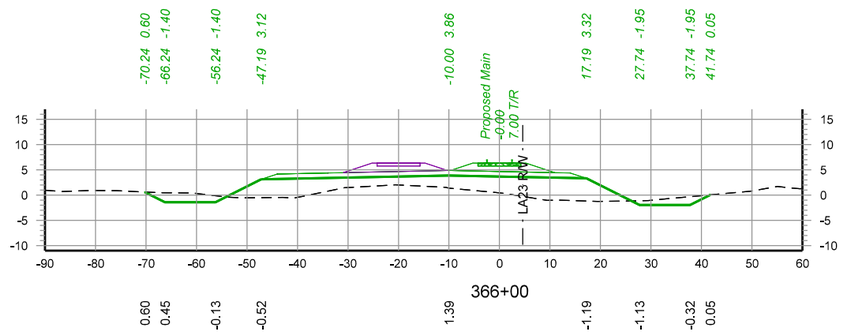
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DATE: 11/02/2022
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SHEET NUMBER: X059 of 078

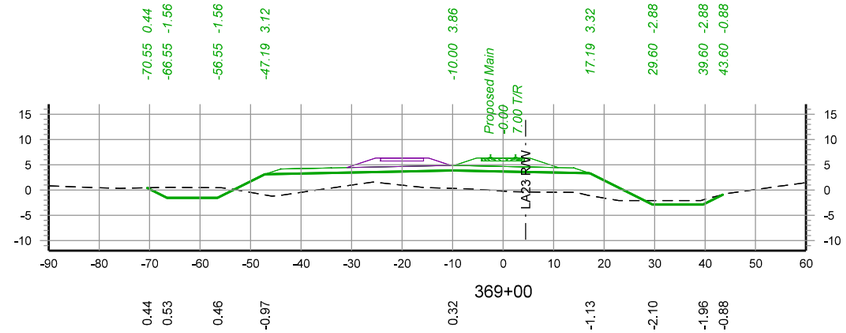
UNION PACIFIC RAILROAD
LGT MAINLINE EXTENSION

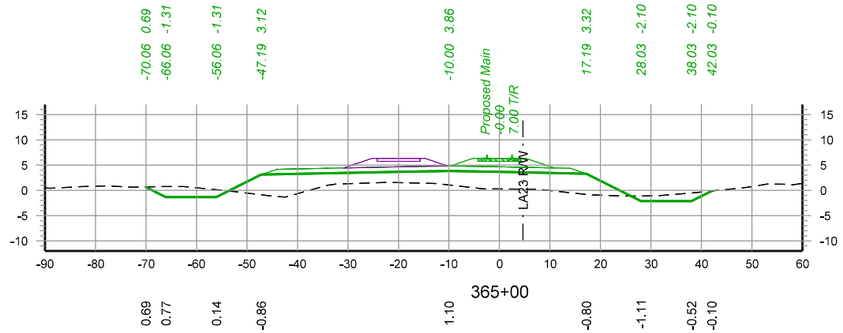
LOCATION & DESCRIPTION:
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NOGC RR Terminus (MP 24) to Future Gateway Terminal (MP 33)
Plaquemines Parish, LA

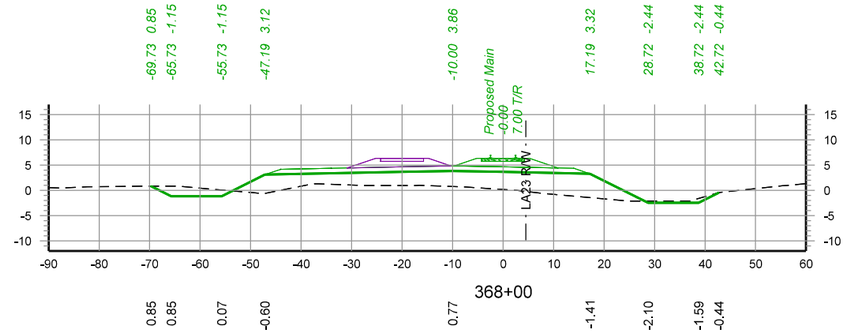
SHEET TITLE:
Cross Sections - STA. 358+00 to STA. 363+00

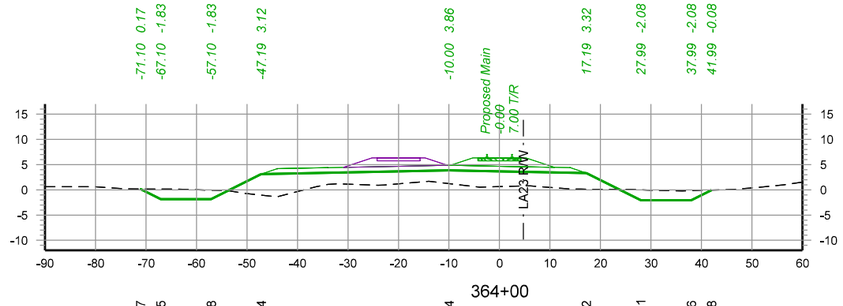
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Cross Sections - STA. 358+00 to STA. 363+00
10/20/2022

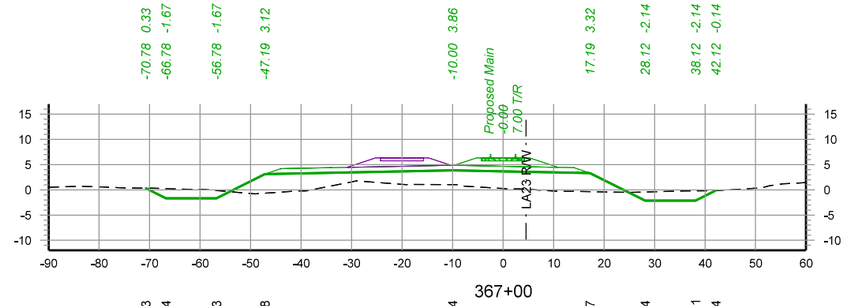












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REV. #	BY	DATE	DESCRIPTION
REV05		08/10/2022	
REV05.1		09/07/2022	
REV06		10/03/2022	

LEGEND:
- EXIST. TRACK
- PROPOSED TRACK
- FUTURE TRACK
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WORK ORDER:	
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BUDGET REF:	
SHEET NUMBER	X060 of 078

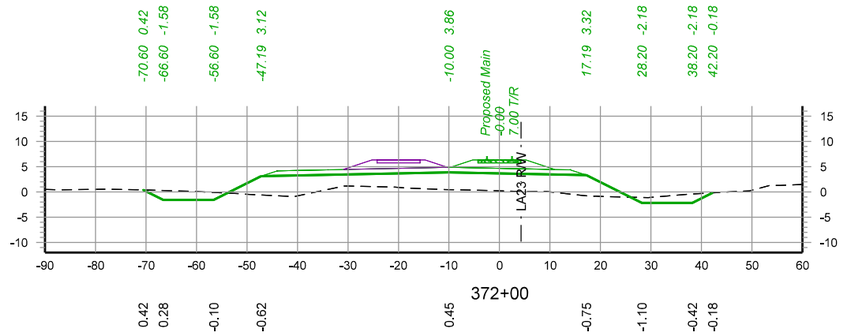
UNION PACIFIC RAILROAD

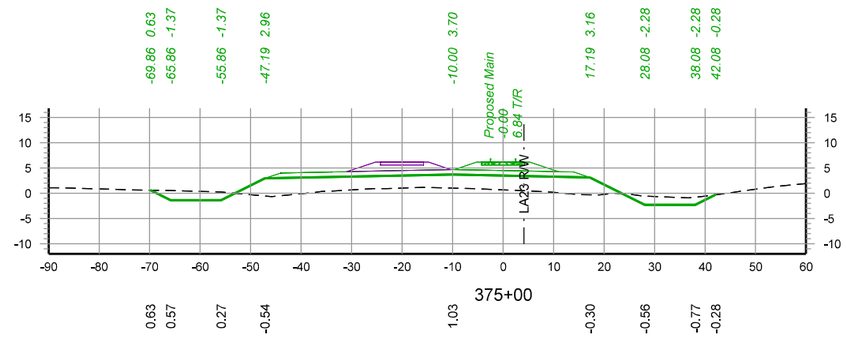
LGT MAINLINE EXTENSION

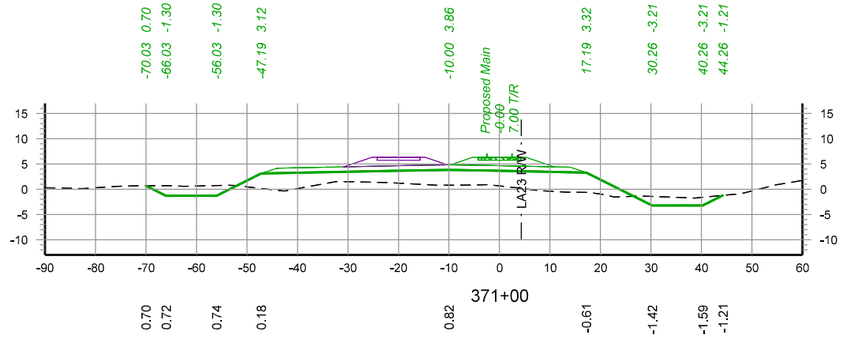
LOCATION & DESCRIPTION:
30% Design
NOGC RR Terminus (MP 24) to Future Gateway Terminal (MP 33)
Plaquemines Parish, LA

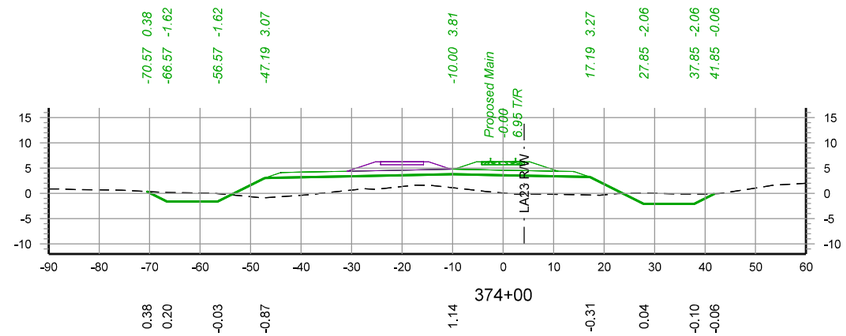
SHEET TITLE:
Cross Sections - STA. 364+00 to STA. 369+00

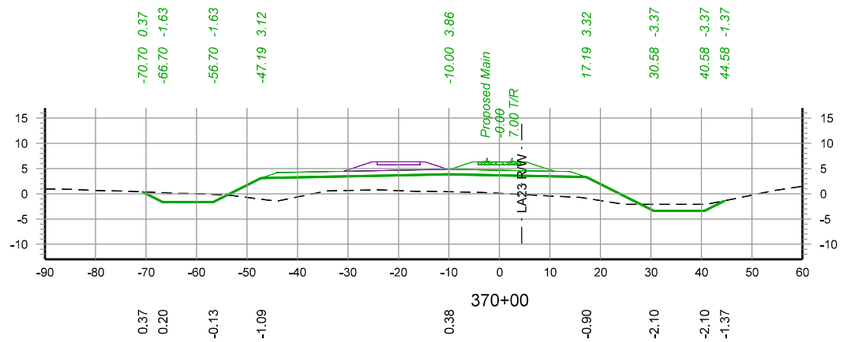
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Cross Sections - STA. 364+00 to STA. 369+00
10/20/2022

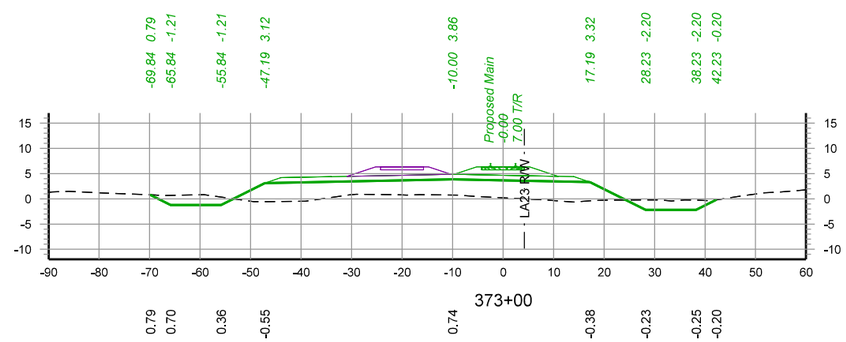












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REV05		08/10/2022	
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LEGEND:
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WORK ORDER:	
PID:	
BUDGET REF:	
SHEET NUMBER	X061 of 078

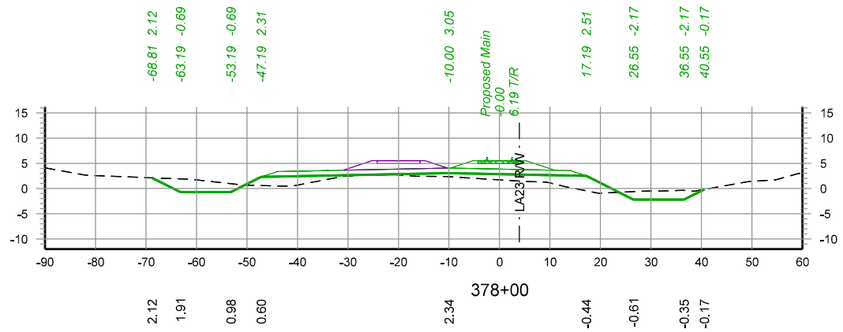
UNION PACIFIC RAILROAD

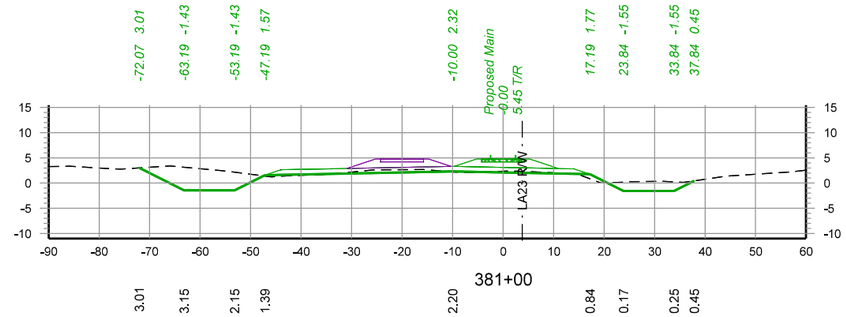
LGT MAINLINE EXTENSION

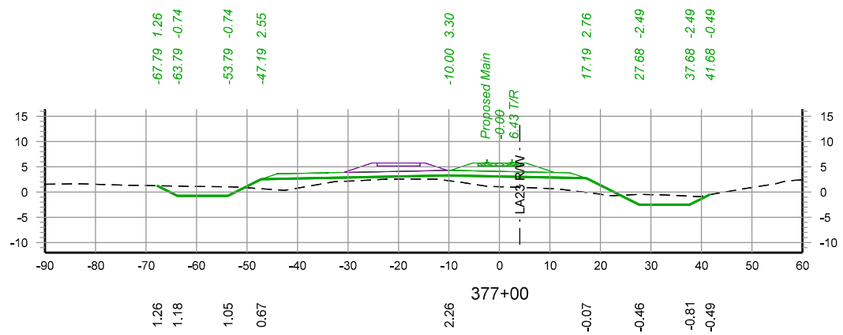
LOCATION & DESCRIPTION:
30% Design
NOGC RR Terminus (MP 24) to Future Gateway Terminal (MP 33)
Plaquemines Parish, LA

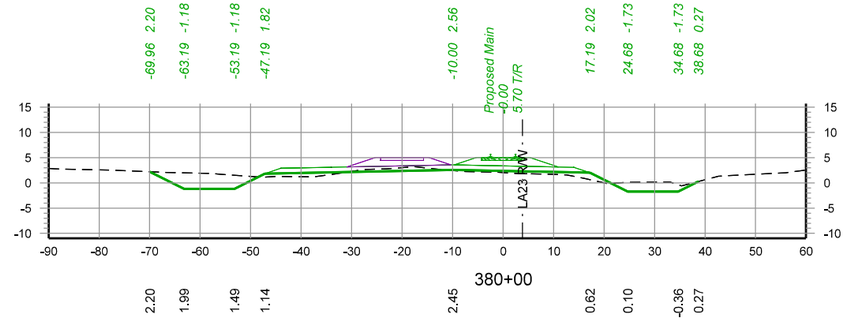
SHEET TITLE:
Cross Sections - STA. 370+00 to STA. 375+00

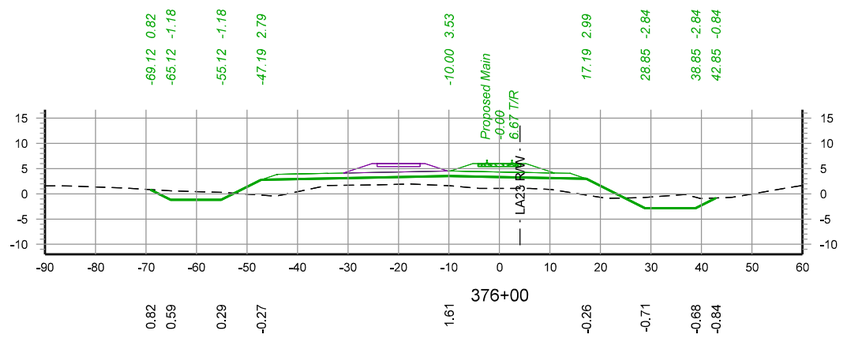
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Cross Sections - STA. 370+00 to STA. 375+00
10/20/2022

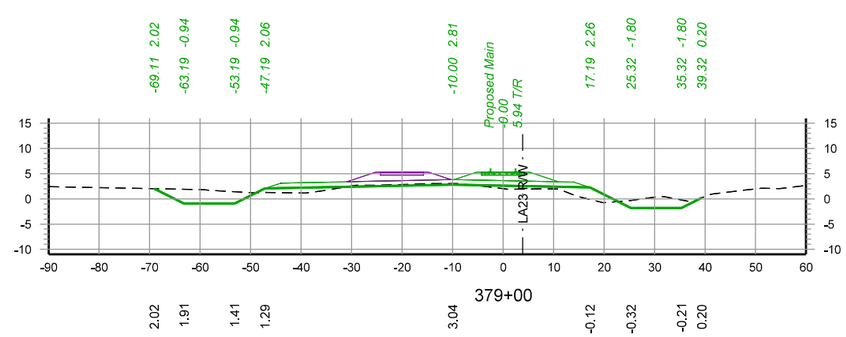












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REV. #	BY	DATE	DESCRIPTION
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BUDGET REF:	
SHEET NUMBER	X062 of 078

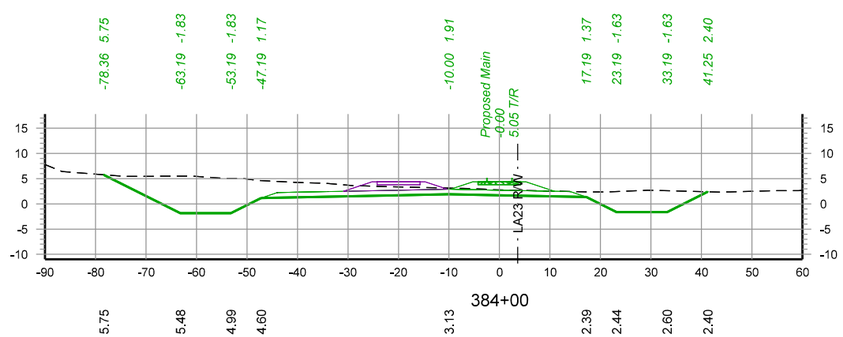
UNION PACIFIC RAILROAD

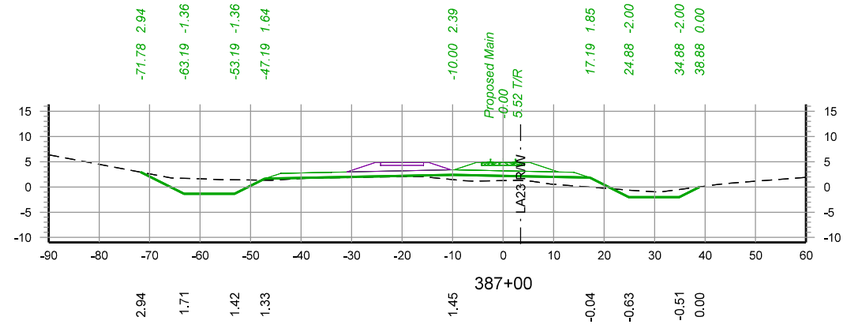
LGT MAINLINE EXTENSION

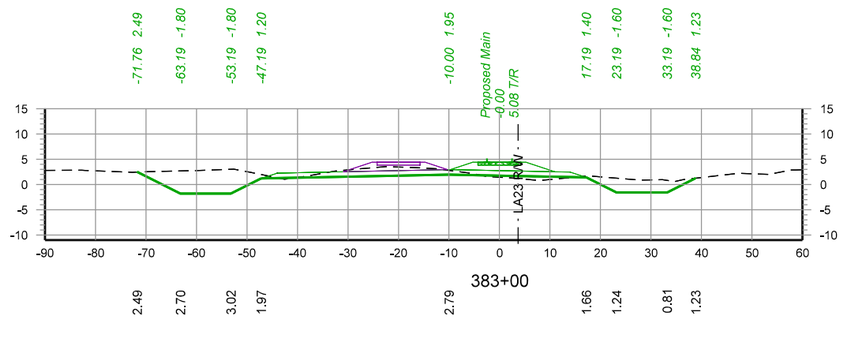
LOCATION & DESCRIPTION:
30% Design
NOGC RR Terminus (MP 24) to Future Gateway Terminal (MP 33)
Plaquemines Parish, LA

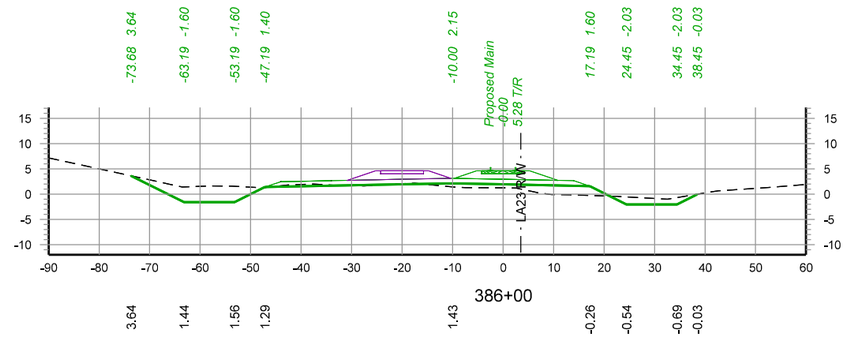
SHEET TITLE:
Cross Sections - STA. 376+00 to STA. 381+00

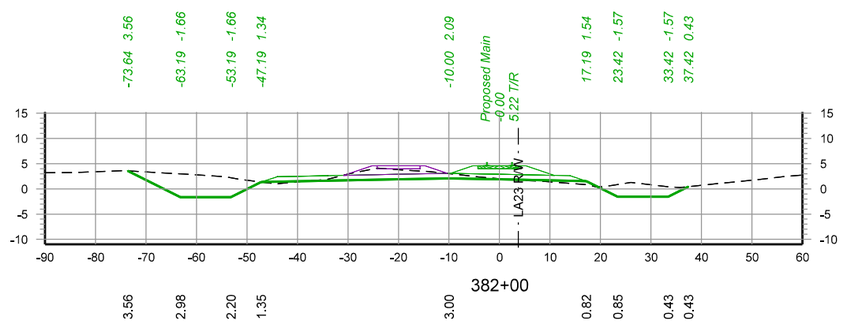
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Cross Sections - STA. 376+00 to STA. 381+00
10/20/2022

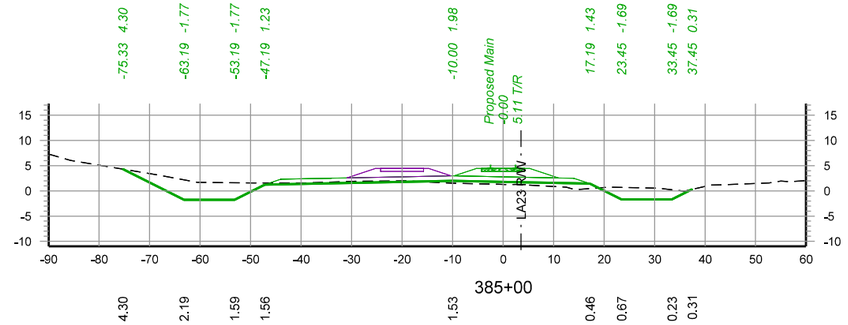












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REV. #	BY	DATE	DESCRIPTION
REV05		08/10/2022	
REV05.1		09/07/2022	
REV06		10/03/2022	

LEGEND:
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BUDGET REF:	
SHEET NUMBER	X063 of 078

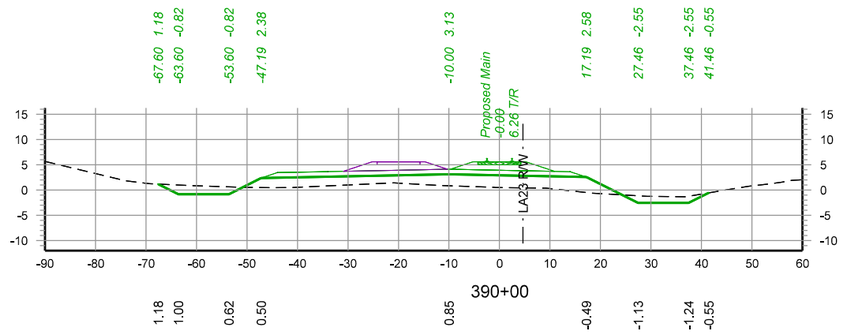
UNION PACIFIC RAILROAD

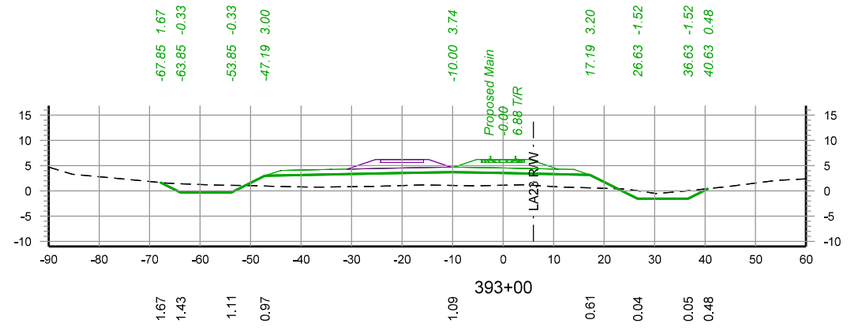
LGT MAINLINE EXTENSION

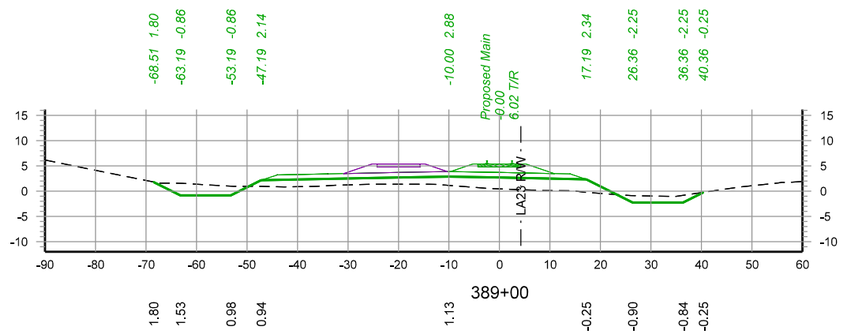
LOCATION & DESCRIPTION:
30% Design
NOGC RR Terminus (MP 24) to Future Gateway Terminal (MP 33)
Plaquemines Parish, LA

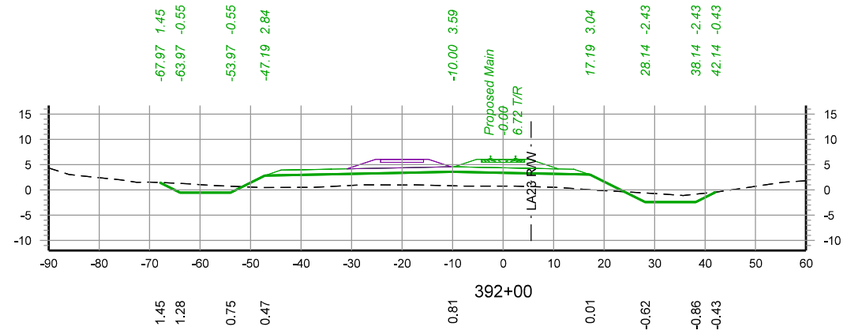
SHEET TITLE:
Cross Sections - STA. 382+00 to STA. 387+00

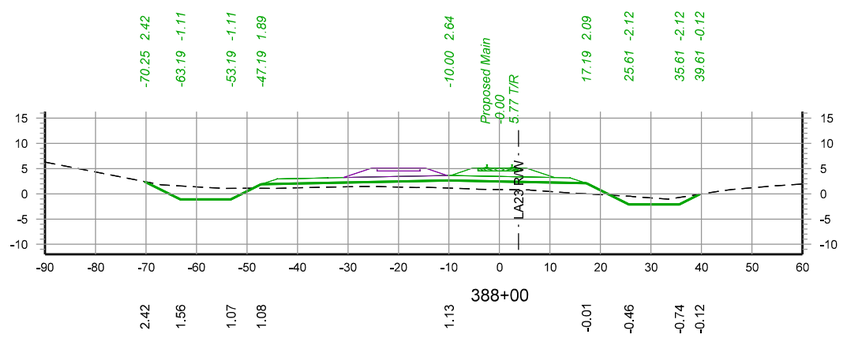
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Cross Sections - STA. 382+00 to STA. 387+00
10/20/2022

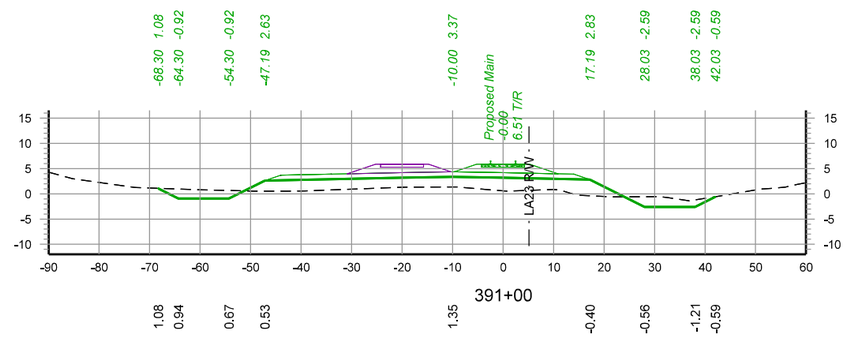












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REV. #	BY	DATE	DESCRIPTION
REV05		08/10/2022	
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REV06		10/03/2022	

LEGEND:
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SHEET NUMBER	X064 of 078

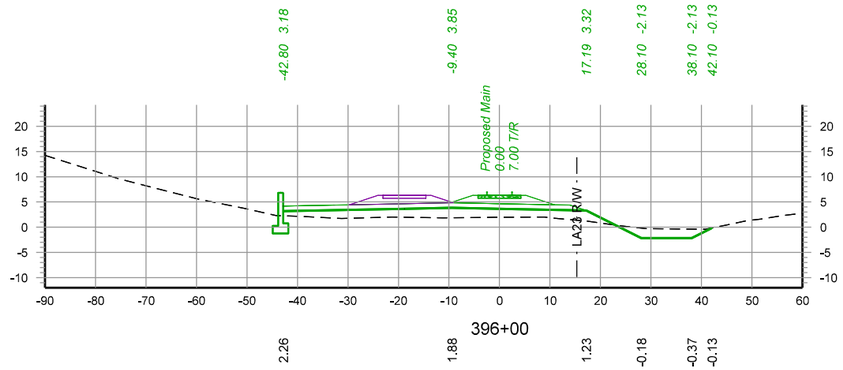
UNION PACIFIC RAILROAD

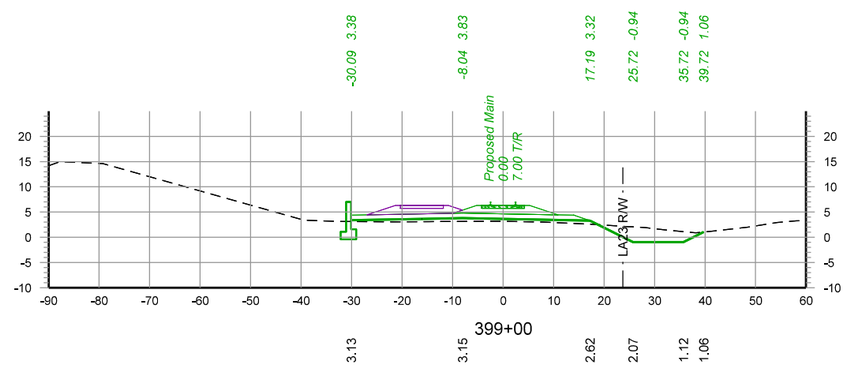
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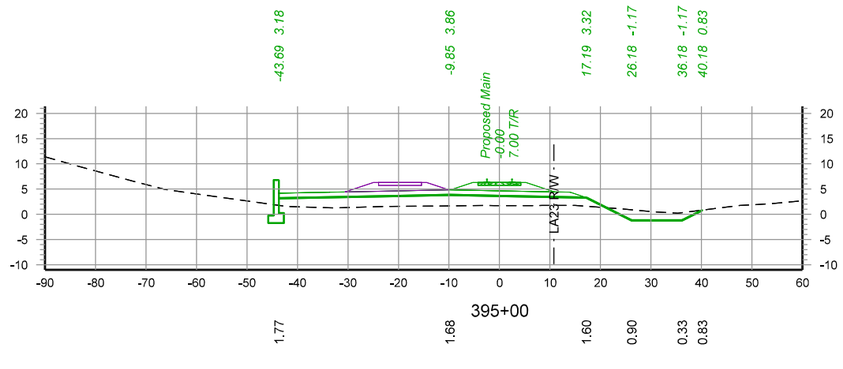
LOCATION & DESCRIPTION:
30% Design
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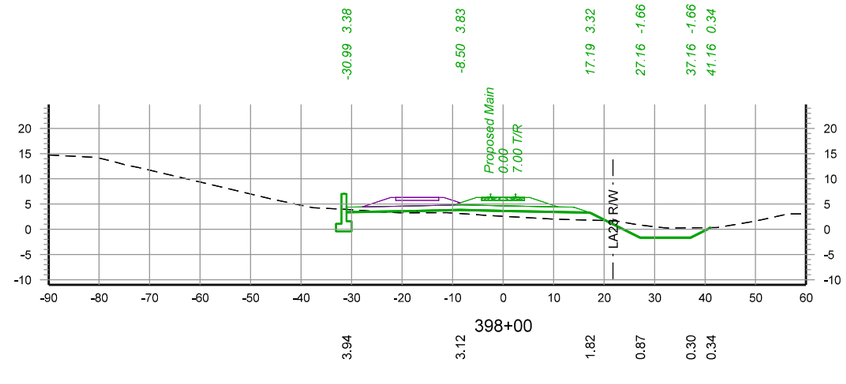
SHEET TITLE:
Cross Sections - STA. 388+00 to STA. 393+00

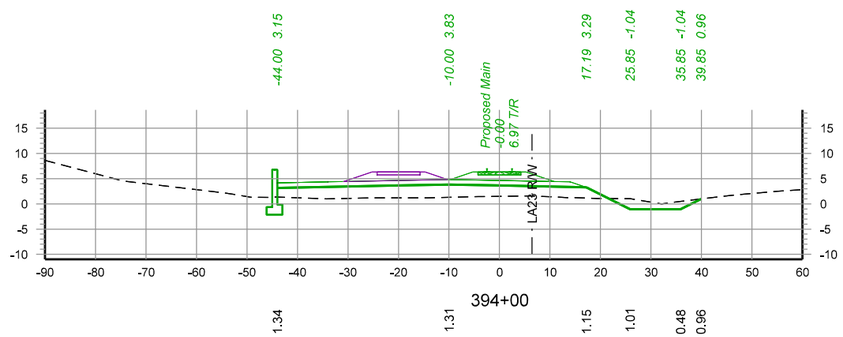
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pw://HDR_PW_DTSNME///
Cross Sections - STA. 388+00 to STA. 393+00
10/20/2022

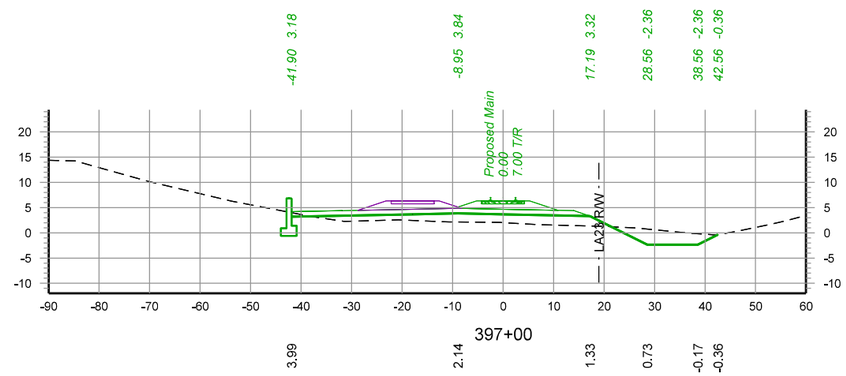












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BUDGET REF:	
SHEET NUMBER	X065 of 078

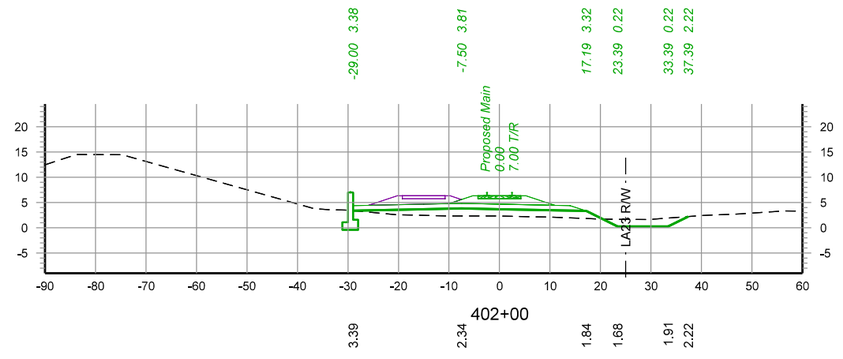
UNION PACIFIC RAILROAD

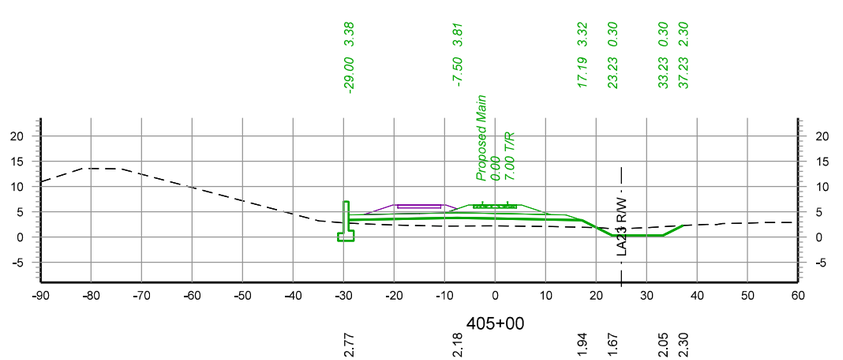
LGT MAINLINE EXTENSION

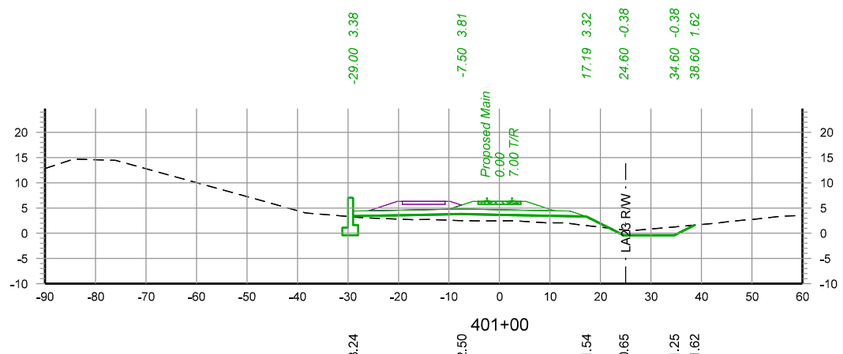
LOCATION & DESCRIPTION:
30% Design
NOGC RR Terminus (MP 24) to Future Gateway Terminal (MP 33)
Plaquemines Parish, LA

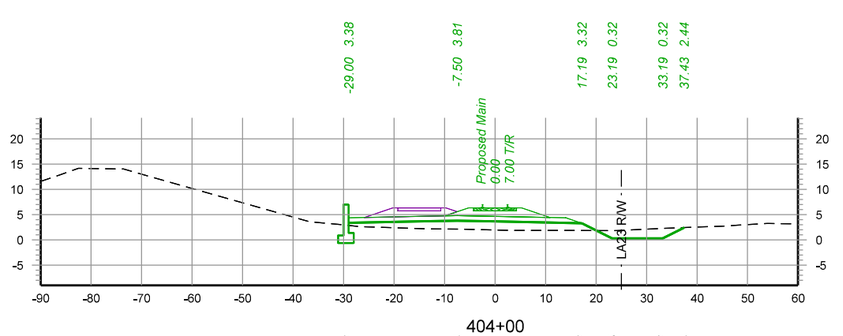
SHEET TITLE:
Cross Sections - STA. 394+00 to STA. 399+00

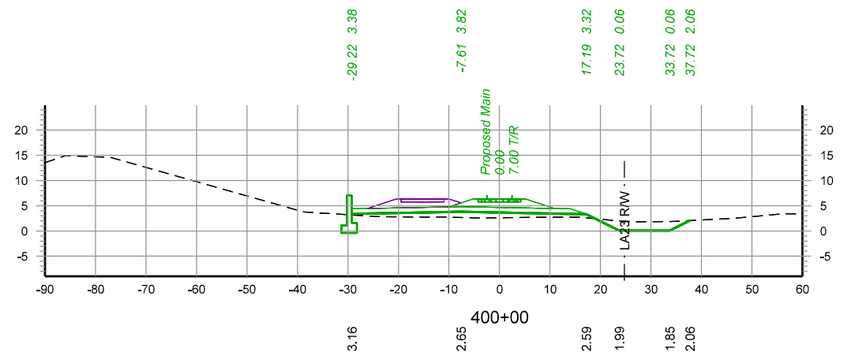
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Cross Sections - STA. 394+00 to STA. 399+00
10/20/2022

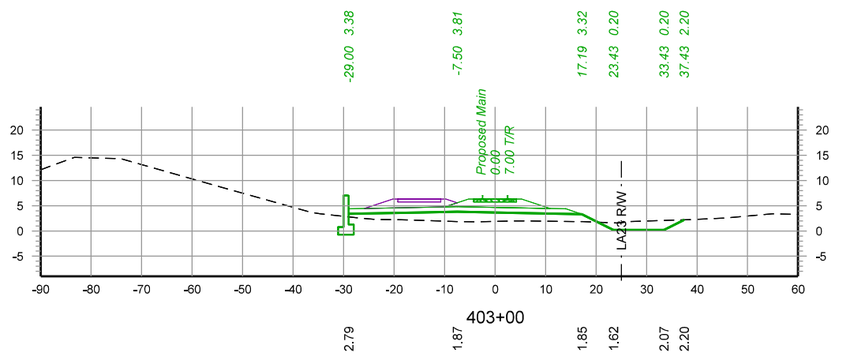












30 0 30 60

SCALE IN FEET

WARNING !
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REV. #	BY	DATE	DESCRIPTION
REV05		08/10/2022	
REV05.1		09/07/2022	
REV06		10/03/2022	

LEGEND:
- EXIST. TRACK
- PROPOSED TRACK
- FUTURE TRACK
- SHOOFLY TRACK
- SHIFT TRACK
- RETIRE TRACK
- LADOTD EXIST. LA23 R/W

WSP USA INC.
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NEW ORLEANS AND GULF COAST RAILWAY CO.

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DRAWN BY: EGD
CHECKED BY: NHE
DATE: 11/02/2022
SCALE: 1"=30' (H & V)

WORK ORDER:
PID:
BUDGET REF:
SHEET NUMBER: X066 of 078

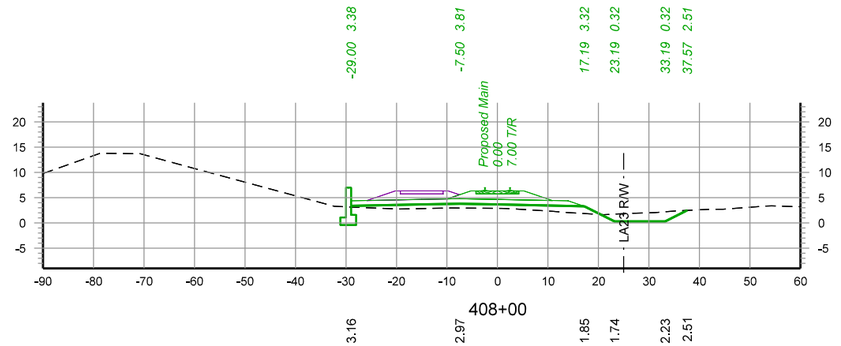
UNION PACIFIC RAILROAD

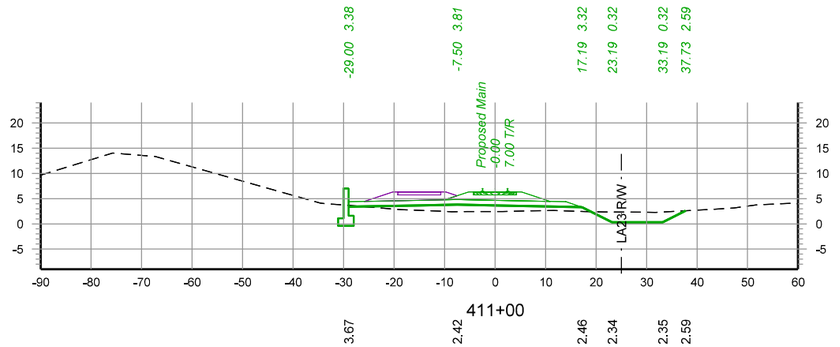
LGT MAINLINE EXTENSION

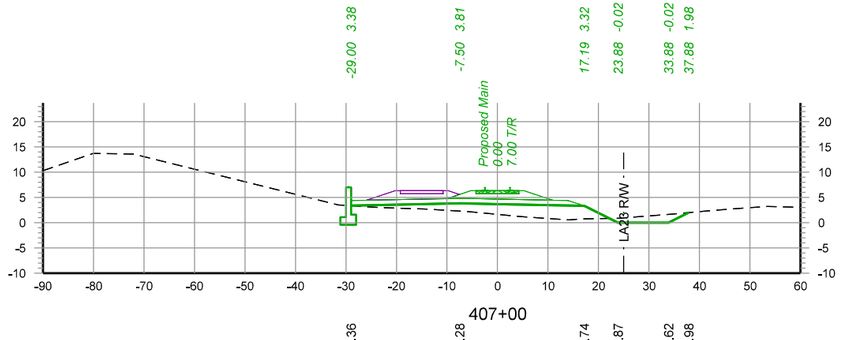
LOCATION & DESCRIPTION:
30% Design
NOGC RR Terminus (MP 24) to Future Gateway Terminal (MP 33)
Plaquemines Parish, LA

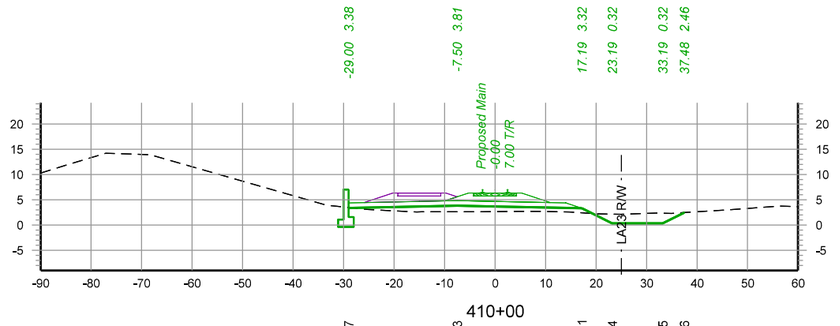
SHEET TITLE:
Cross Sections - STA. 400+00 to STA. 405+00

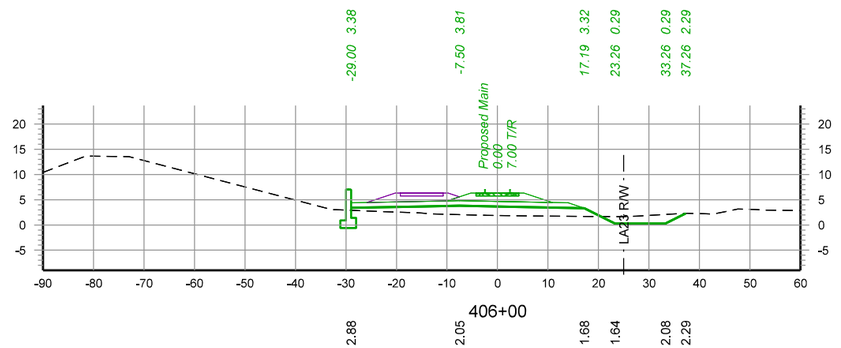
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Cross Sections - STA. 400+00 to STA. 405+00
10/20/2022

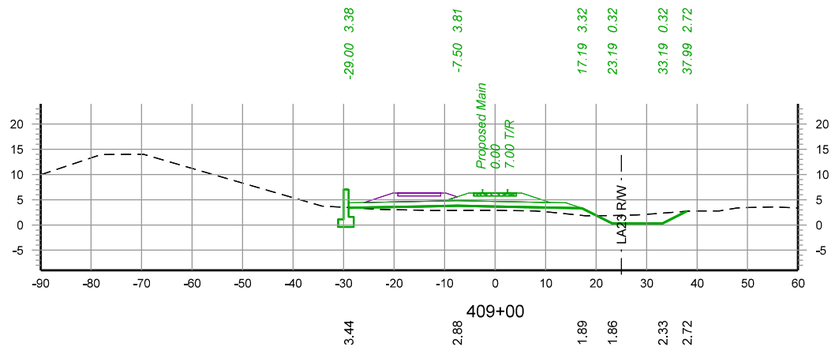












30 0 30 60

SCALE IN FEET

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REV. #	BY	DATE	DESCRIPTION
REV05		08/10/2022	
REV05.1		09/07/2022	
REV06		10/03/2022	

LEGEND:
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REBECCA DAVEZAC HOWELL
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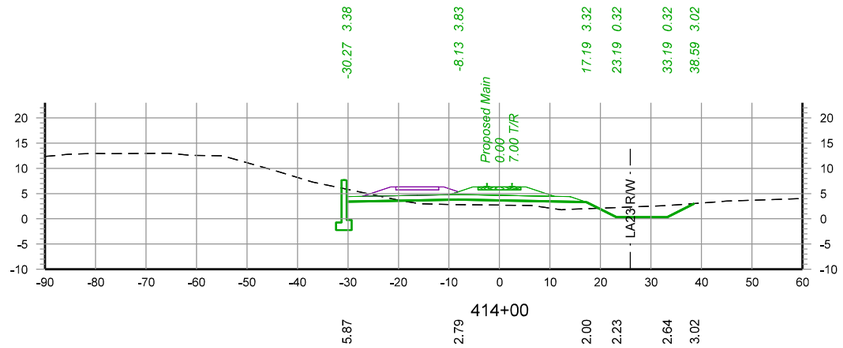
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CHECKED BY:	NHE
DATE:	11/02/2022
SCALE:	1"=30' (H & V)
WORK ORDER:	
PID:	
BUDGET REF:	
SHEET NUMBER	X067 of 078

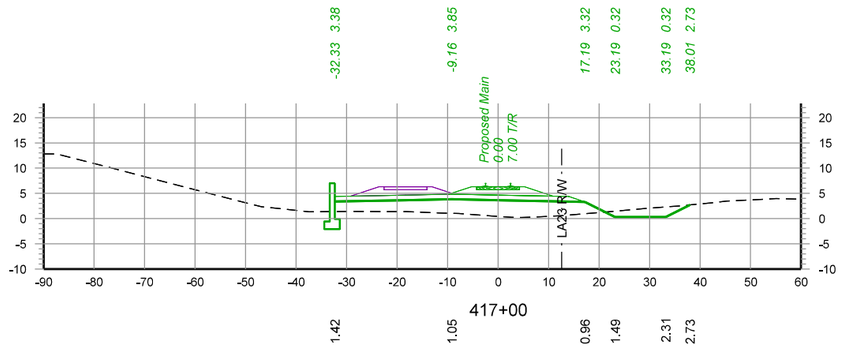
UNION PACIFIC RAILROAD — LGT MAINLINE EXTENSION

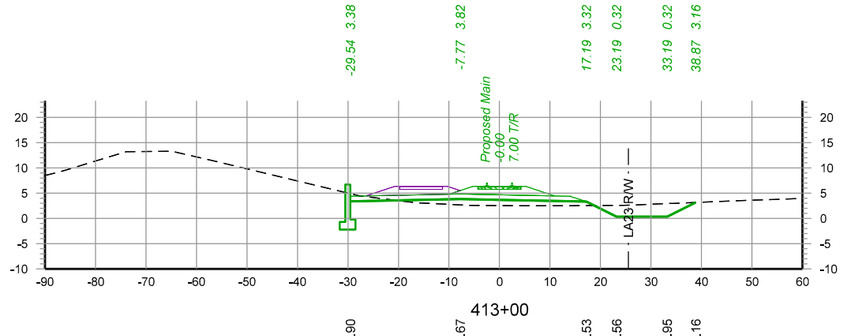
LOCATION & DESCRIPTION:
30% Design
NOGC RR Terminus (MP 24) to Future Gateway Terminal (MP 33)
Plaquemines Parish, LA

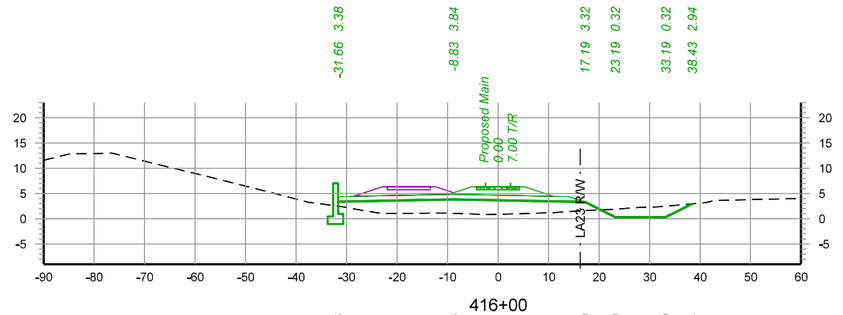
SHEET TITLE: Cross Sections - STA. 406+00 to STA. 411+00

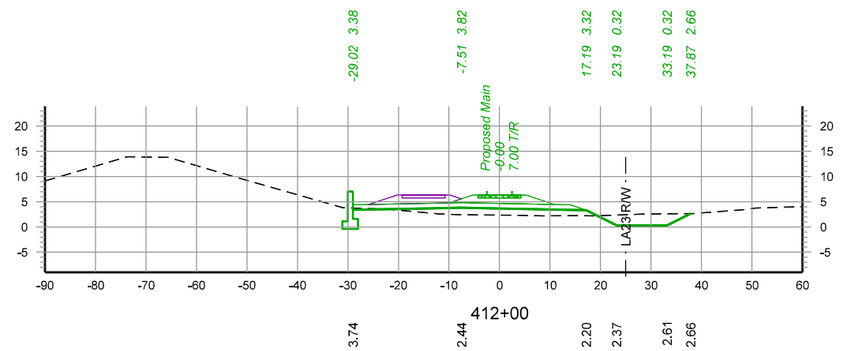
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Cross Sections - STA. 406+00 to STA. 411+00
10/20/2022

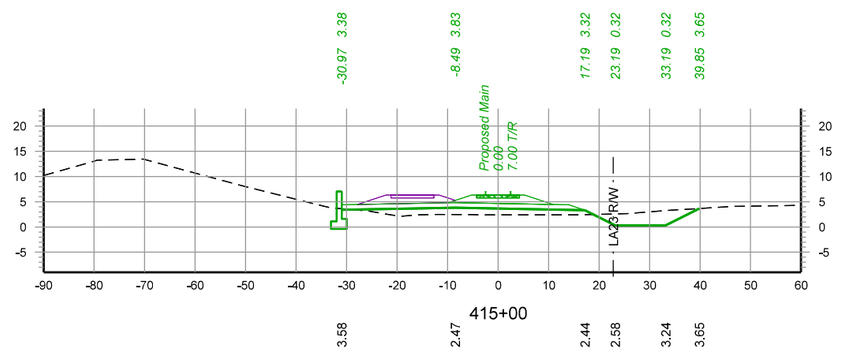












30 0 30 60

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REV. #	BY	DATE	DESCRIPTION
REV05		08/10/2022	
REV05.1		09/07/2022	
REV06		10/03/2022	

LEGEND:
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- LADOTD EXIST. LA23 R/W

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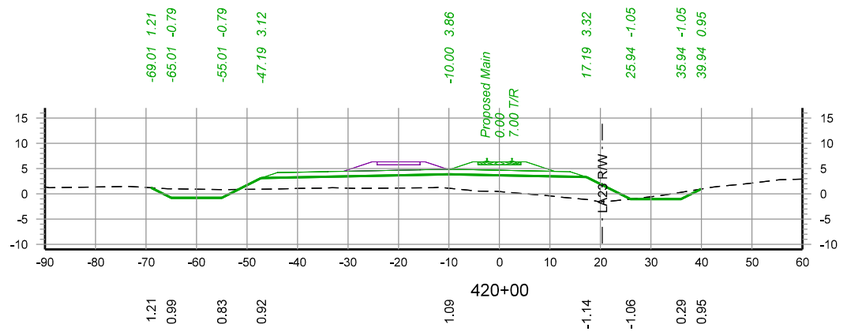
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CHECKED BY:	NHE
DATE:	11/02/2022
SCALE:	1"=30' (H & V)
WORK ORDER:	
PID:	
BUDGET REF:	
SHEET NUMBER	X068 of 078

UNION PACIFIC RAILROAD — LGT MAINLINE EXTENSION

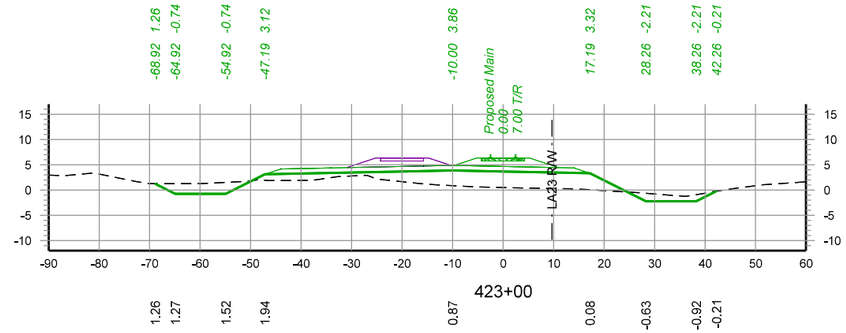
LOCATION & DESCRIPTION:
30% Design
NOGC RR Terminus (MP 24) to Future Gateway Terminal (MP 33)
Plaquemines Parish, LA

SHEET TITLE: Cross Sections - STA. 412+00 to STA. 417+00

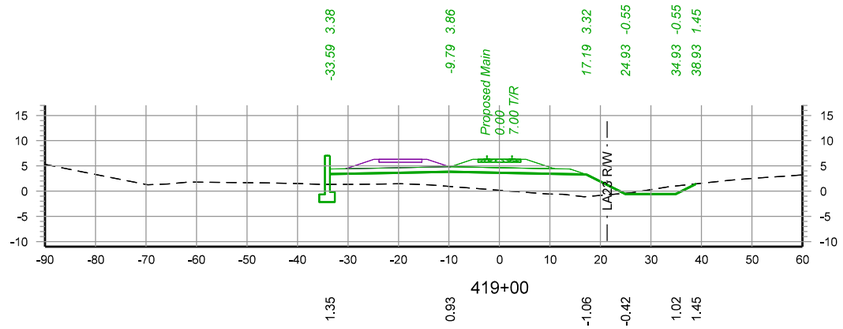
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Cross Sections - STA. 412+00 to STA. 417+00
10/20/2022



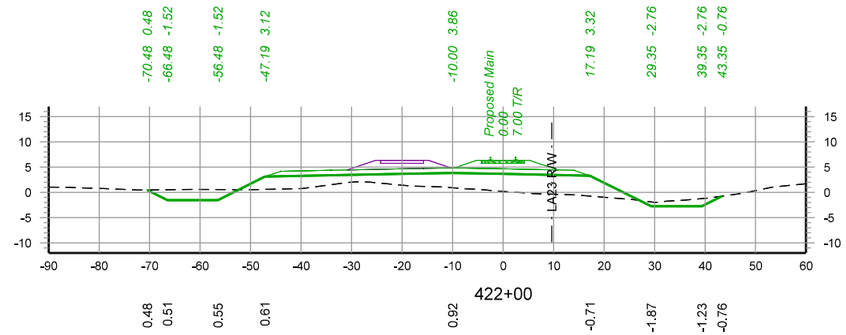
420+00



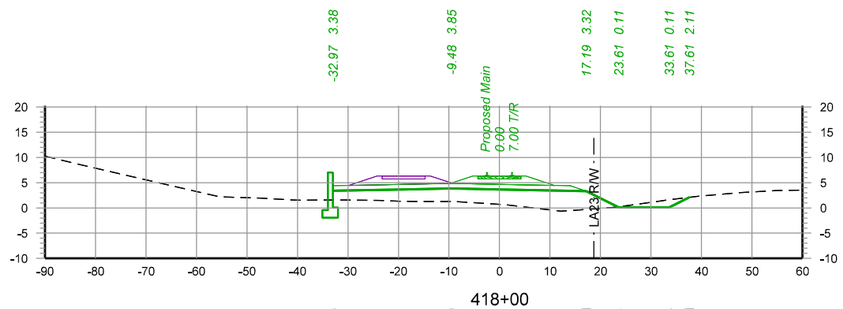
423+00



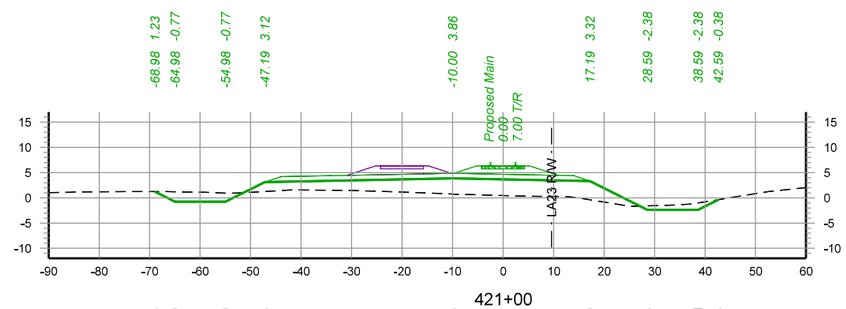
419+00



422+00



418+00



421+00

30 0 30 60

SCALE IN FEET

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REV. #	BY	DATE	DESCRIPTION
REV05		08/10/2022	
REV05.1		09/07/2022	
REV06		10/03/2022	

LEGEND:
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DRAWN BY:	EGD
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DATE:	11/02/2022
SCALE:	1"=30' (H & V)
WORK ORDER:	
PID:	
BUDGET REF:	
SHEET NUMBER	X069 of 078

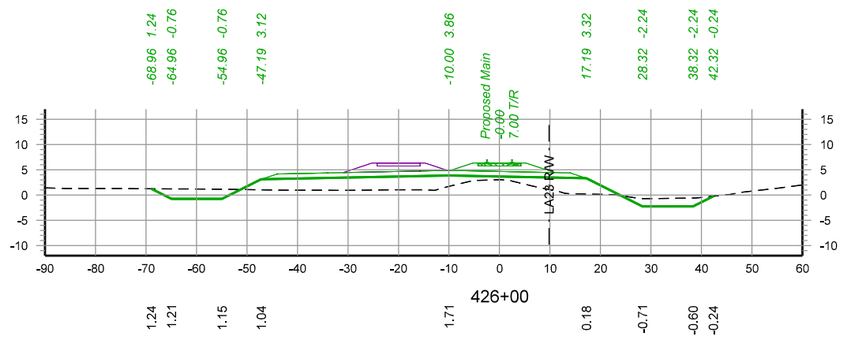
UNION PACIFIC RAILROAD

LGT MAINLINE EXTENSION

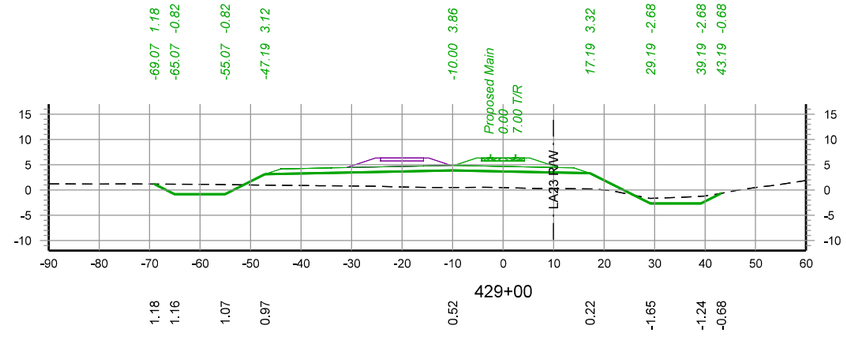
LOCATION & DESCRIPTION:
30% Design
NOGC RR Terminus (MP 24) to Future Gateway Terminal (MP 33)
Plaquemines Parish, LA

SHEET TITLE:
Cross Sections - STA. 418+00 to STA. 423+00

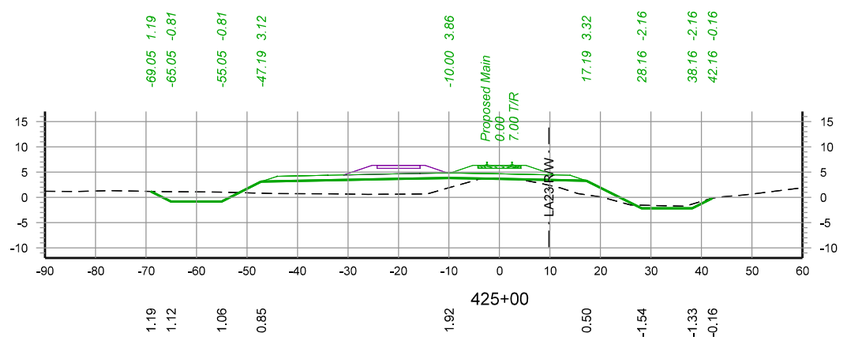
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Cross Sections - STA. 418+00 to STA. 423+00
10/20/2022



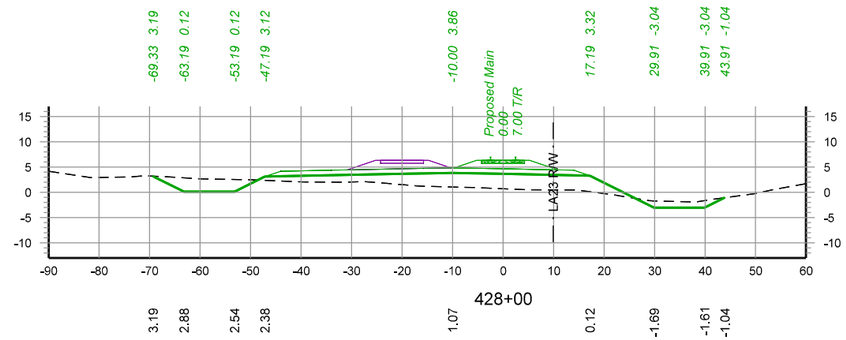
426+00



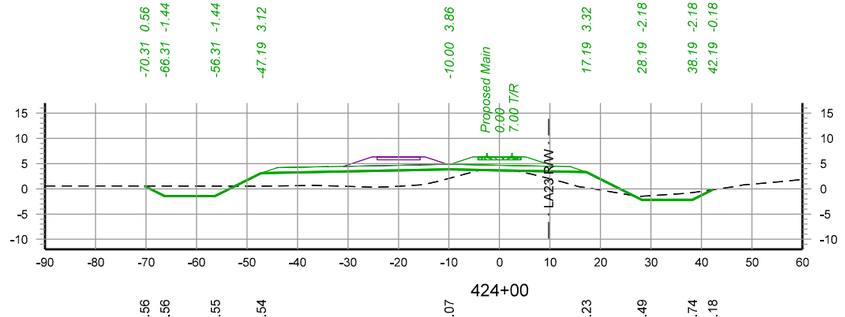
429+00



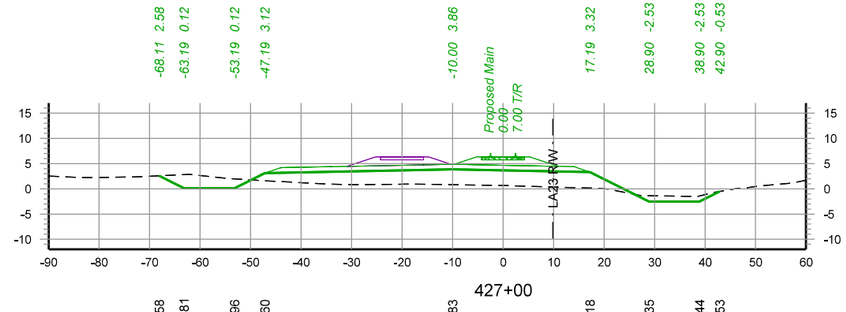
425+00



428+00



424+00



427+00

30 0 30 60

SCALE IN FEET

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REV. #	BY	DATE	DESCRIPTION
REV05		08/10/2022	
REV05.1		09/07/2022	
REV06		10/03/2022	

LEGEND:
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DRAWN BY:	EGD
CHECKED BY:	NHE
DATE:	11/02/2022
SCALE:	1"=30' (H & V)
WORK ORDER:	
PID:	
BUDGET REF:	
SHEET NUMBER	X070 of 078

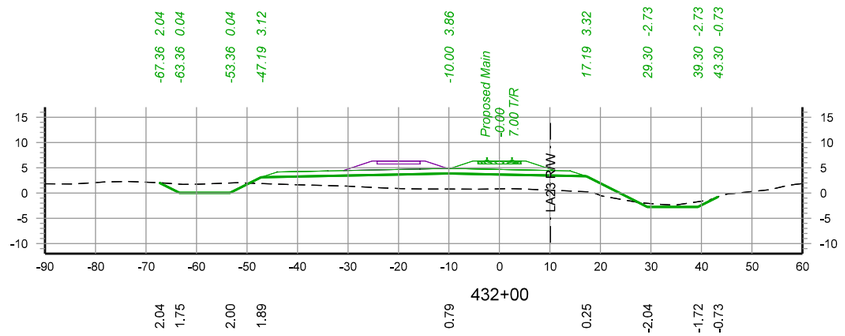
UNION PACIFIC RAILROAD

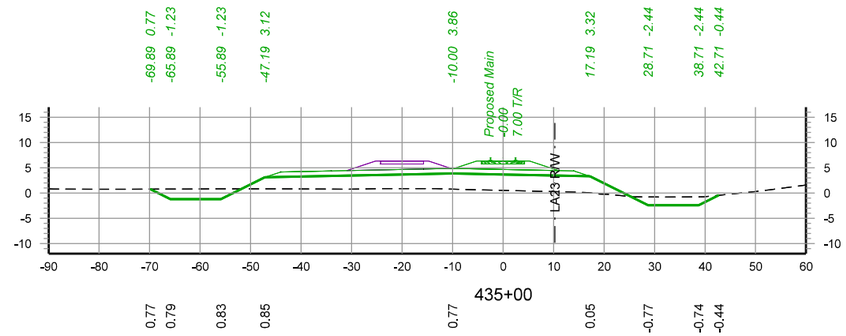
LGT MAINLINE EXTENSION

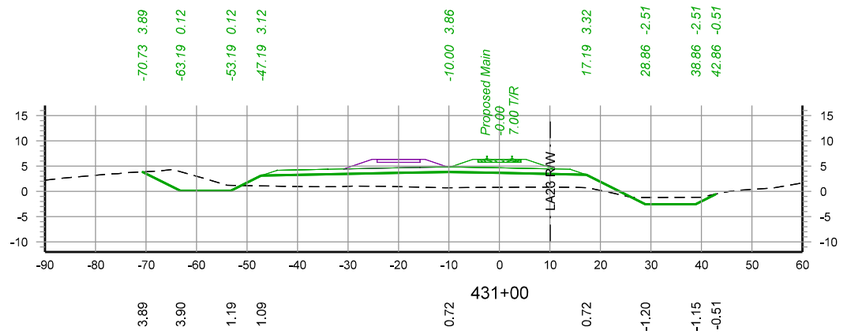
LOCATION & DESCRIPTION:
30% Design
NOGC RR Terminus (MP 24) to Future Gateway Terminal (MP 33)
Plaquemines Parish, LA

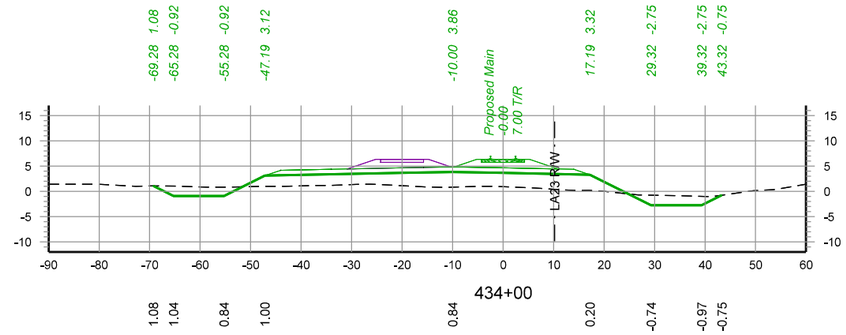
SHEET TITLE:
Cross Sections - STA. 424+00 to STA. 429+00

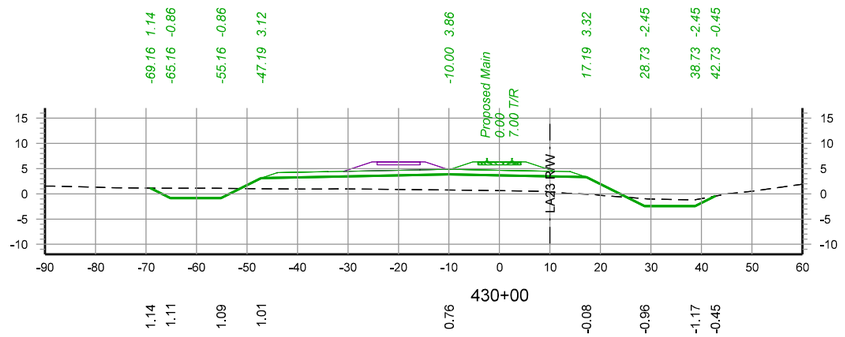
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pw://HDR_PW_DTSNME///
Cross Sections - STA. 424+00 to STA. 429+00
10/20/2022

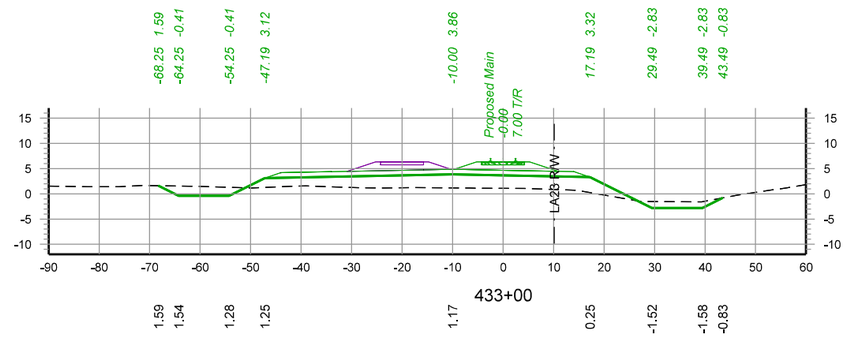












30 0 30 60

SCALE IN FEET

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REV. #	BY	DATE	DESCRIPTION
REV05		08/10/2022	
REV05.1		09/07/2022	
REV06		10/03/2022	

LEGEND:
- EXIST. TRACK
- PROPOSED TRACK
- FUTURE TRACK
- SHOOFLY TRACK
- SHIFT TRACK
- RETIRE TRACK
- LADOTD EXIST. LA23 R/W

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NEW ORLEANS AND GULF COAST RAILWAY CO.

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DATE:	11/02/2022
SCALE:	1"=30' (H & V)
WORK ORDER:	
PID:	
BUDGET REF:	
SHEET NUMBER	X071 of 078

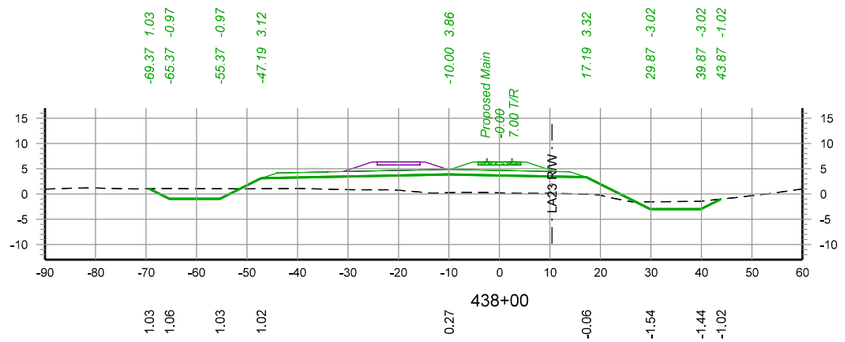
UNION PACIFIC RAILROAD

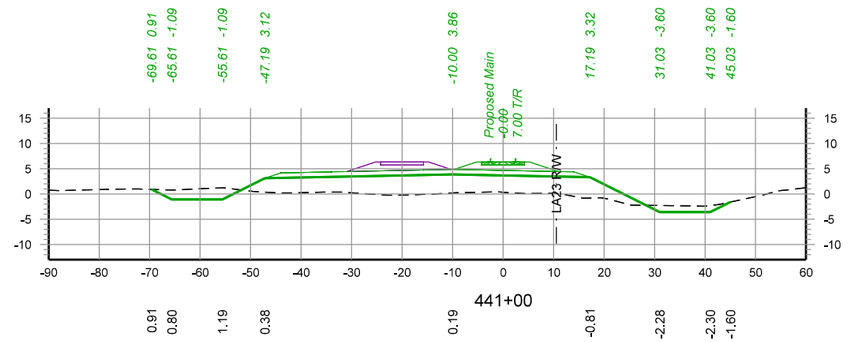
LGT MAINLINE EXTENSION

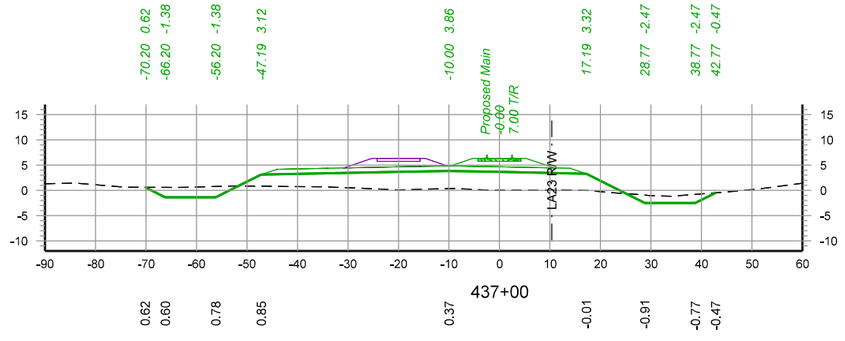
LOCATION & DESCRIPTION:
30% Design
NOGC RR Terminus (MP 24) to Future Gateway Terminal (MP 33)
Plaquemines Parish, LA

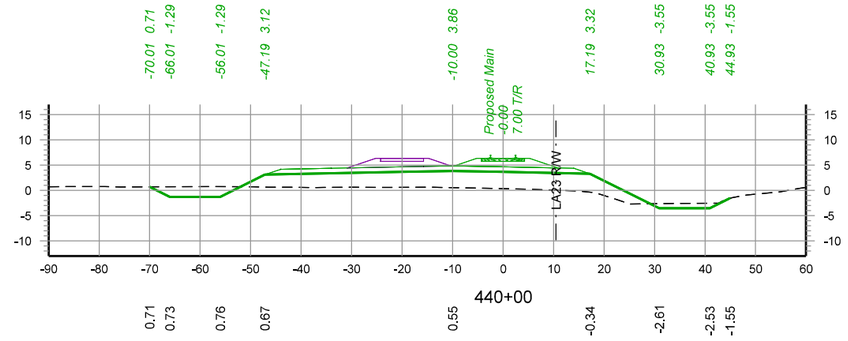
SHEET TITLE:
Cross Sections - STA. 430+00 to STA. 435+00

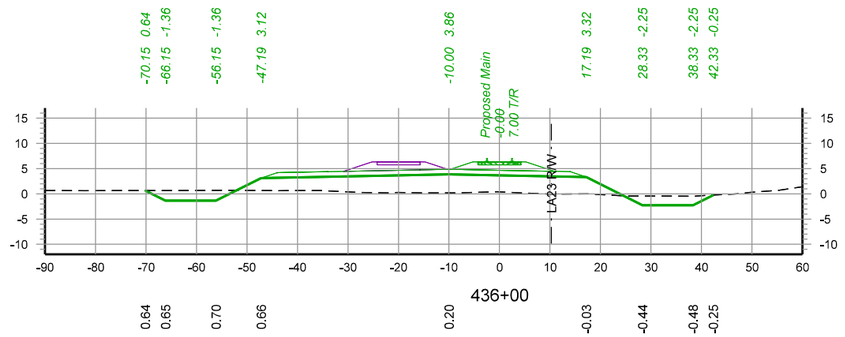
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Cross Sections - STA. 430+00 to STA. 435+00
10/20/2022

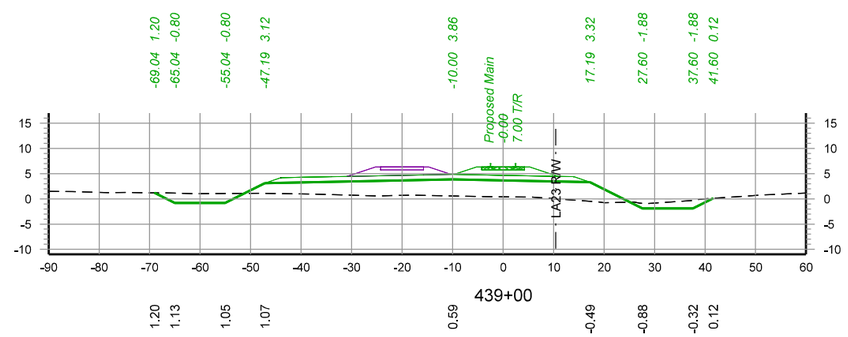












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REV. #	BY	DATE	DESCRIPTION
REV05		08/10/2022	
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REV06		10/03/2022	

LEGEND:
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DATE:	11/02/2022
SCALE:	1"=30' (H & V)
WORK ORDER:	
PID:	
BUDGET REF:	
SHEET NUMBER	X072 of 078

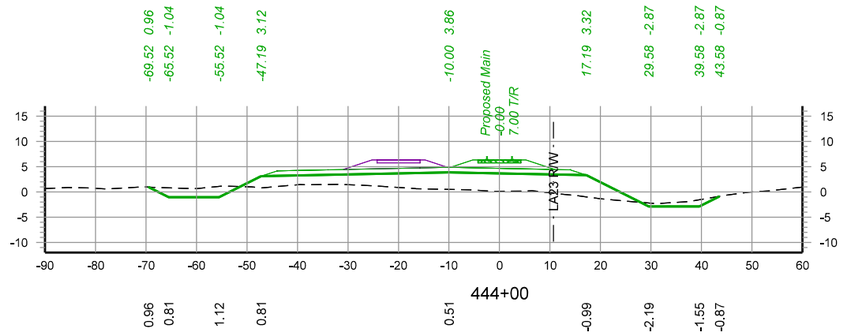
UNION PACIFIC RAILROAD

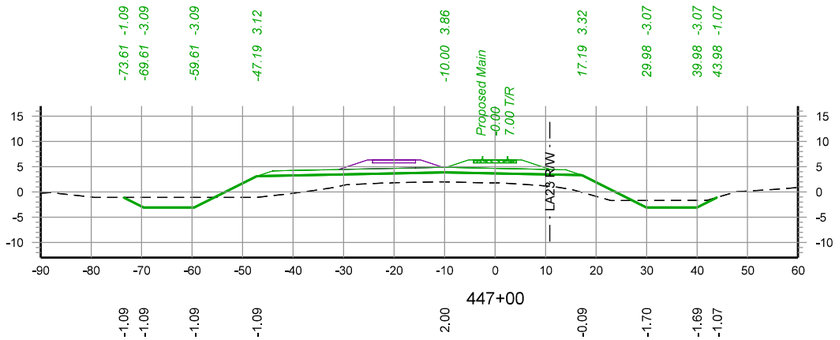
LGT MAINLINE EXTENSION

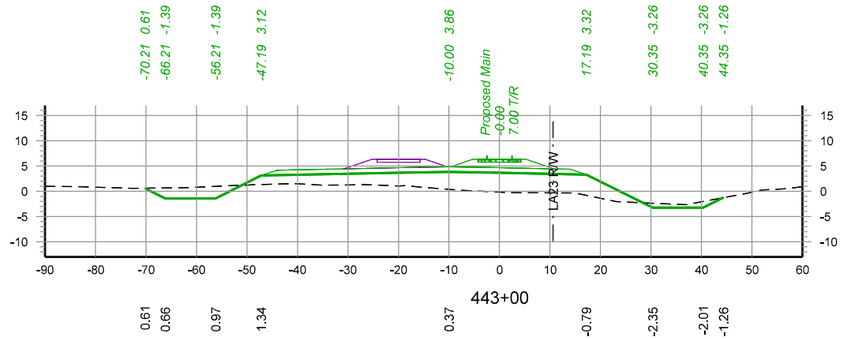
LOCATION & DESCRIPTION:
30% Design
NOGC RR Terminus (MP 24) to Future Gateway Terminal (MP 33)
Plaquemines Parish, LA

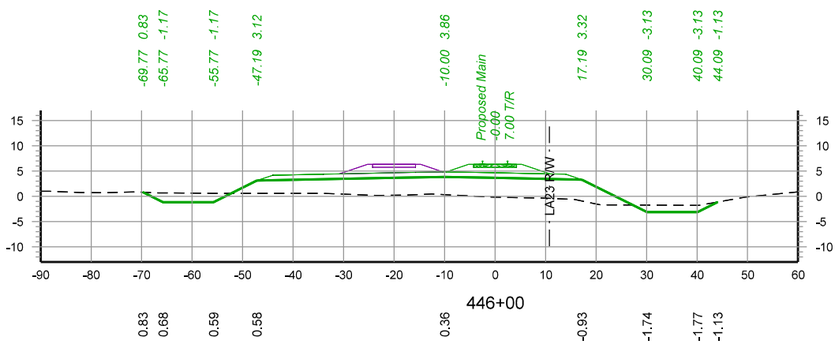
SHEET TITLE:
Cross Sections - STA. 436+00 to STA. 441+00

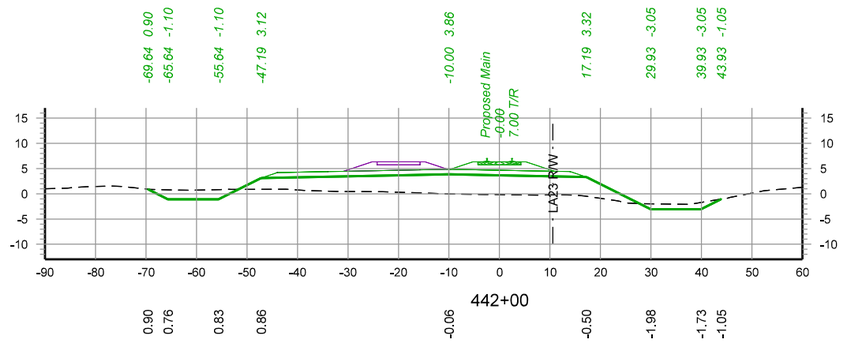
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Cross Sections - STA. 436+00 to STA. 441+00
10/20/2022

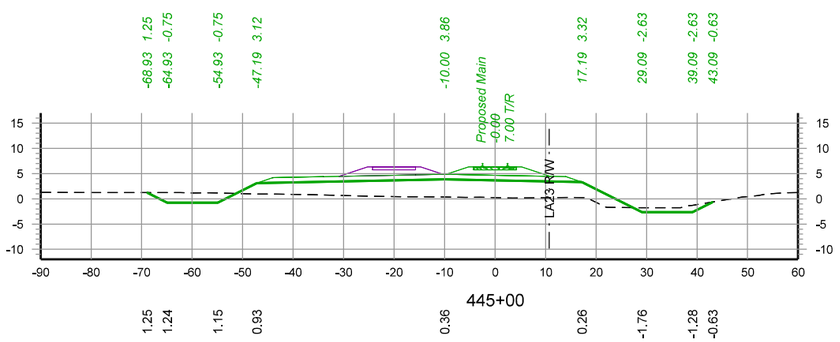












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REV. #	BY	DATE	DESCRIPTION
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REV06		10/03/2022	

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DATE:	11/02/2022
SCALE:	1"=30' (H & V)
WORK ORDER:	
PID:	
BUDGET REF:	
SHEET NUMBER	X073 of 078

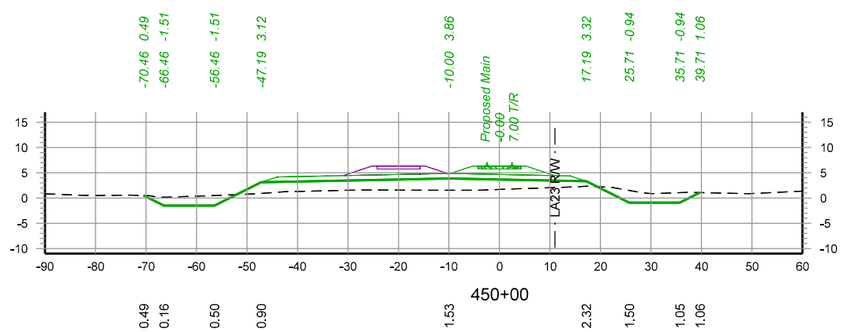
UNION PACIFIC RAILROAD

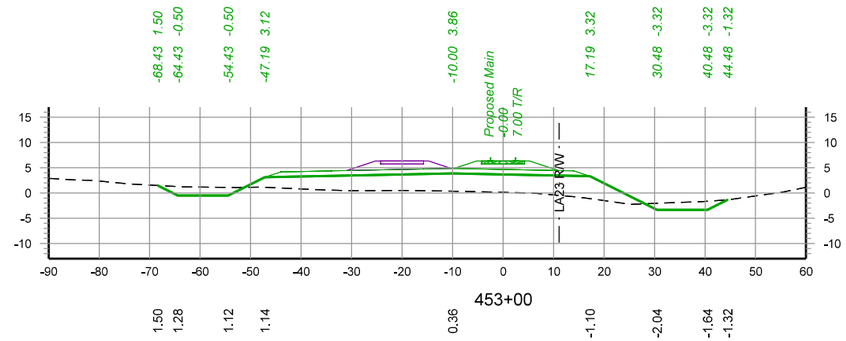
LGT MAINLINE EXTENSION

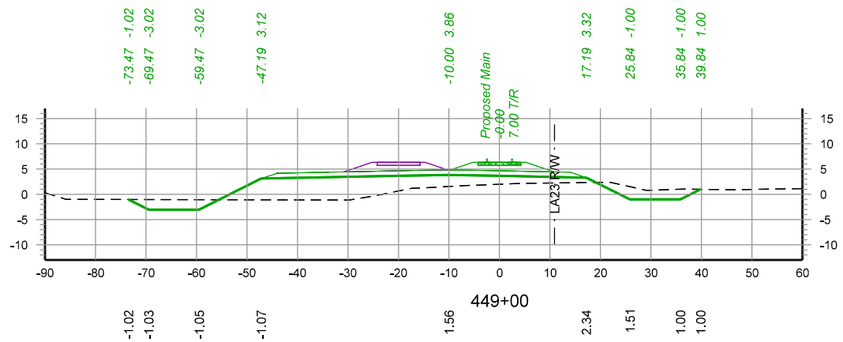
LOCATION & DESCRIPTION:
30% Design
NOGC RR Terminus (MP 24) to Future Gateway Terminal (MP 33)
Plaquemines Parish, LA

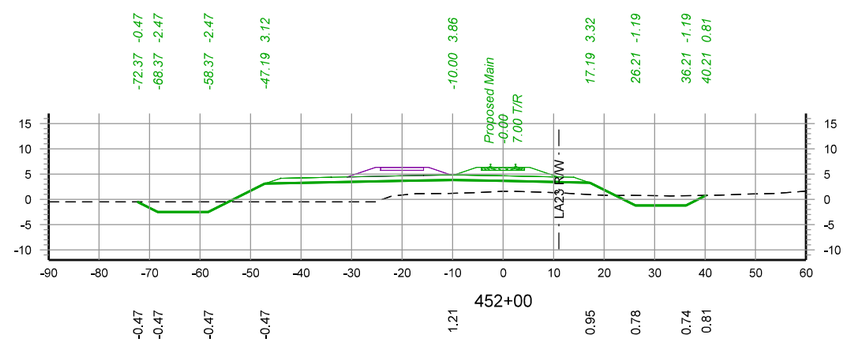
SHEET TITLE:
Cross Sections - STA. 442+00 to STA. 447+00

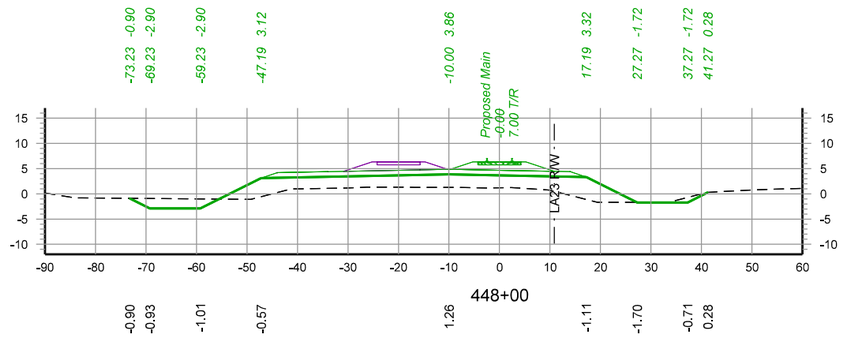
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Cross Sections - STA. 442+00 to STA. 447+00
10/20/2022

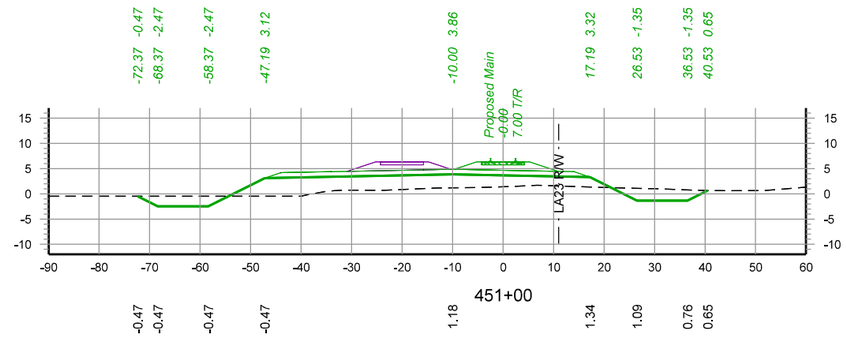












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REV. #	BY	DATE	DESCRIPTION
REV05		08/10/2022	
REV05.1		09/07/2022	
REV06		10/03/2022	

LEGEND:
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DATE:	11/02/2022
SCALE:	1"=30' (H & V)
WORK ORDER:	
PID:	
BUDGET REF:	
SHEET NUMBER	X074 of 078

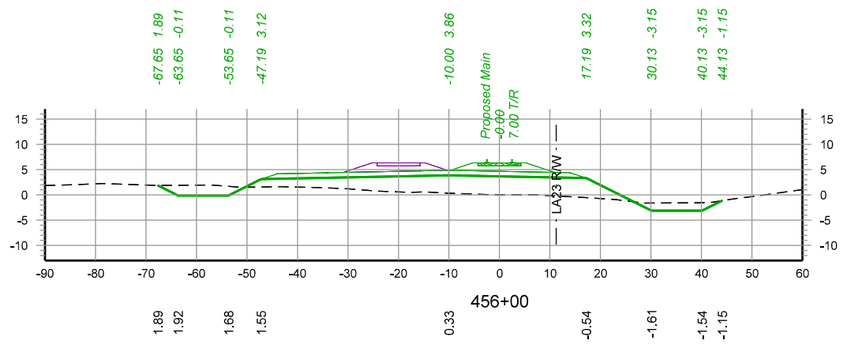
UNION PACIFIC RAILROAD

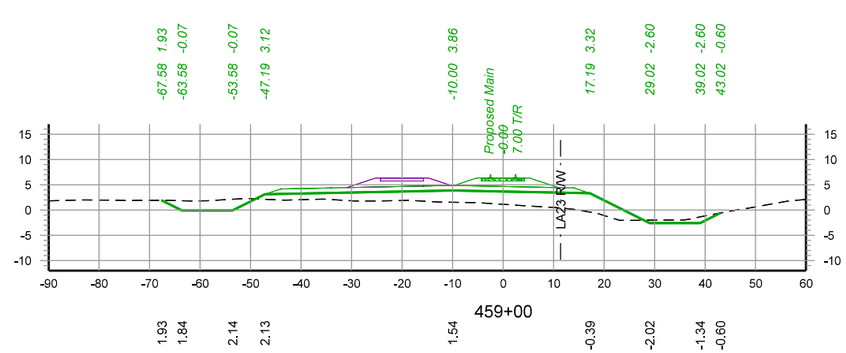
LGT MAINLINE EXTENSION

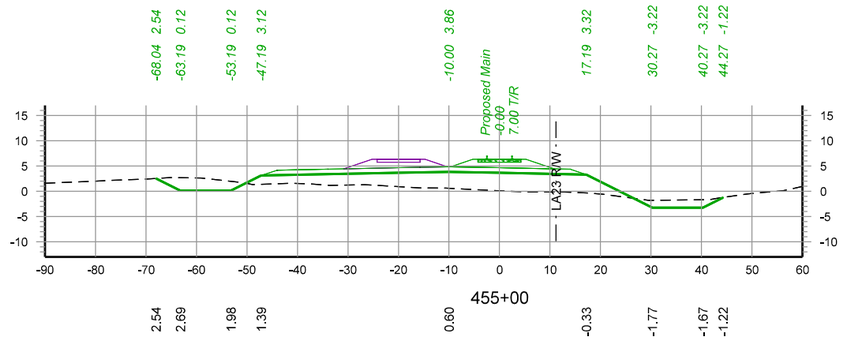
LOCATION & DESCRIPTION:
30% Design
NOGC RR Terminus (MP 24) to Future Gateway Terminal (MP 33)
Plaquemines Parish, LA

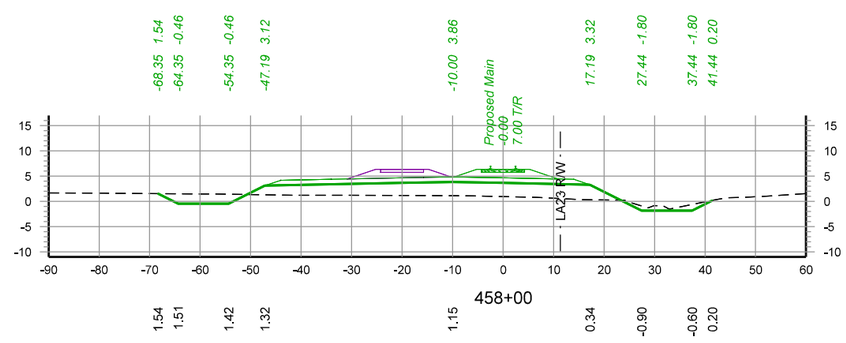
SHEET TITLE:
Cross Sections - STA. 448+00 to STA. 453+00

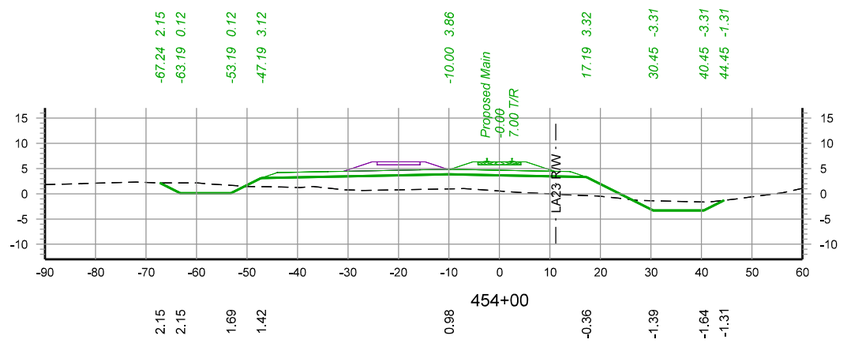
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Cross Sections - STA. 448+00 to STA. 453+00
10/20/2022

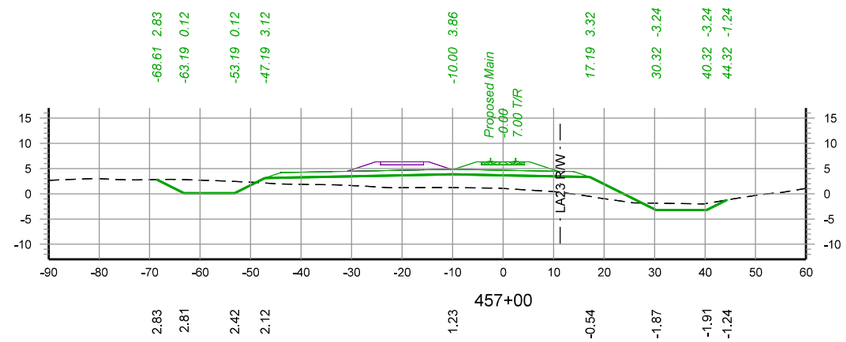












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REV. #	BY	DATE	DESCRIPTION
REV05		08/10/2022	
REV05.1		09/07/2022	
REV06		10/03/2022	

LEGEND:
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DATE:	11/02/2022
SCALE:	1"=30' (H & V)
WORK ORDER:	
PID:	
BUDGET REF:	
SHEET NUMBER	X075 of 078

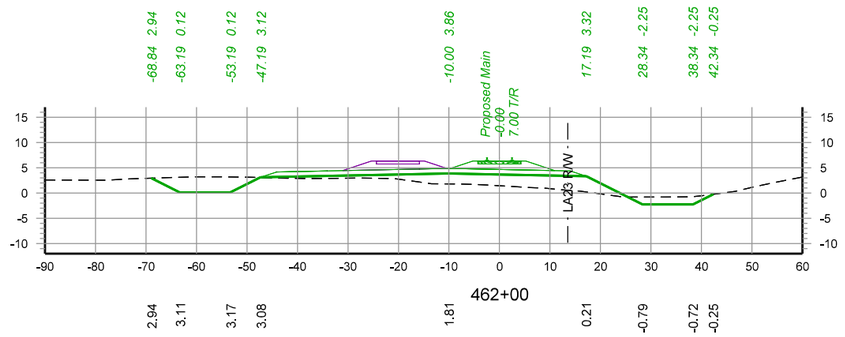
UNION PACIFIC RAILROAD

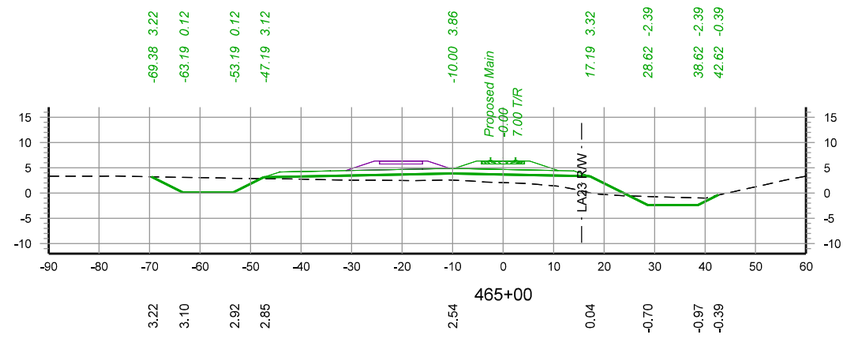
LGT MAINLINE EXTENSION

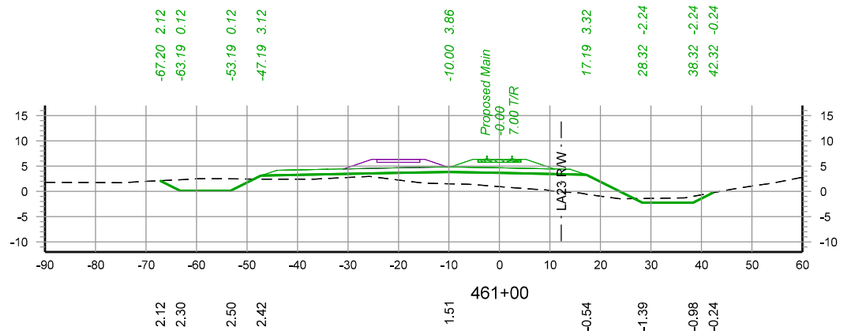
LOCATION & DESCRIPTION:
30% Design
NOGC RR Terminus (MP 24) to Future Gateway Terminal (MP 33)
Plaquemines Parish, LA

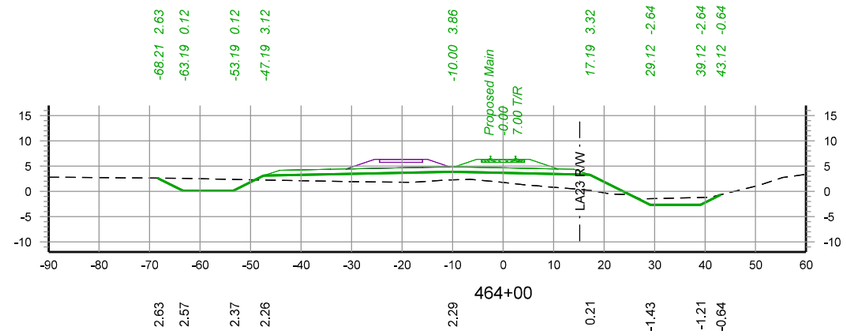
SHEET TITLE:
Cross Sections - STA. 454+00 to STA. 459+00

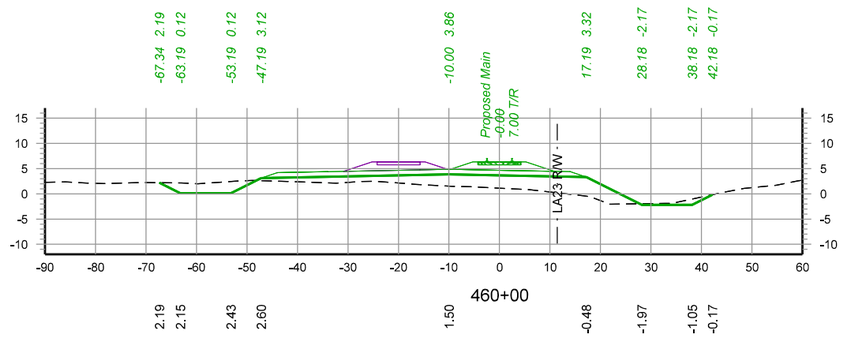
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Cross Sections - STA. 454+00 to STA. 459+00
10/20/2022

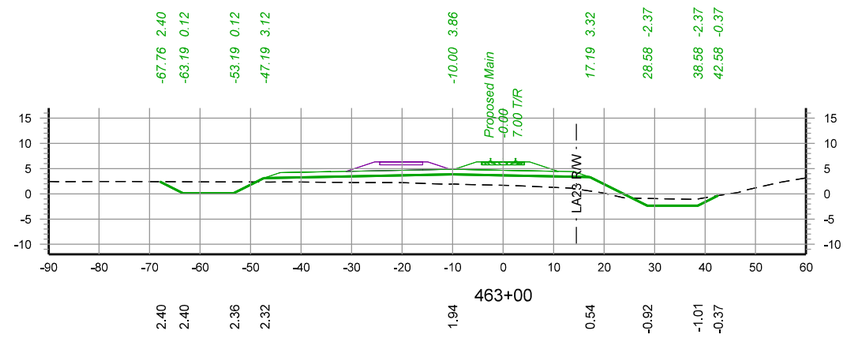












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SCALE:	1"=30' (H & V)
WORK ORDER:	
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BUDGET REF:	
SHEET NUMBER	X076 of 078

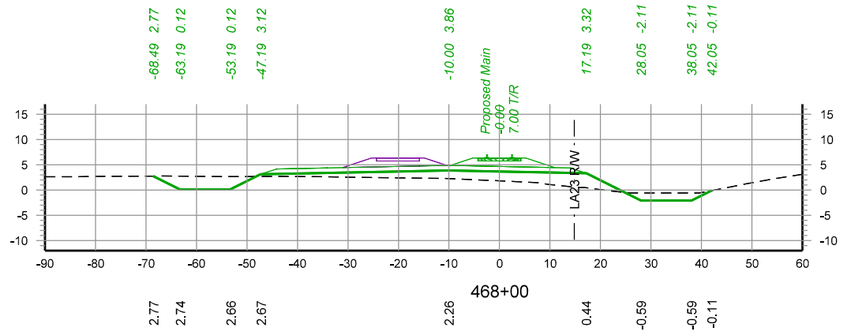
UNION PACIFIC RAILROAD

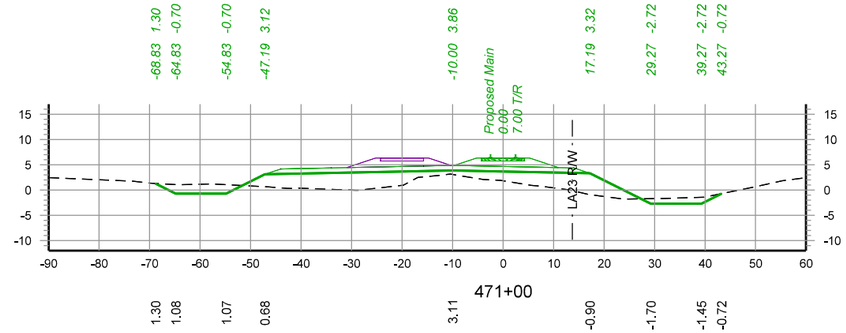
LGT MAINLINE EXTENSION

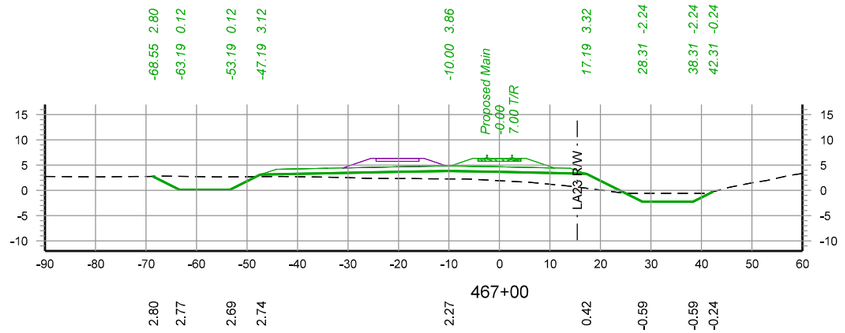
LOCATION & DESCRIPTION:
30% Design
NOGC RR Terminus (MP 24) to Future Gateway Terminal (MP 33)
Plaquemines Parish, LA

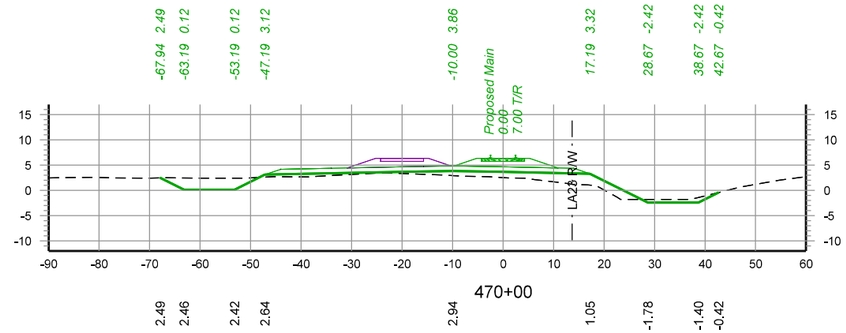
SHEET TITLE:
Cross Sections - STA. 460+00 to STA. 465+00

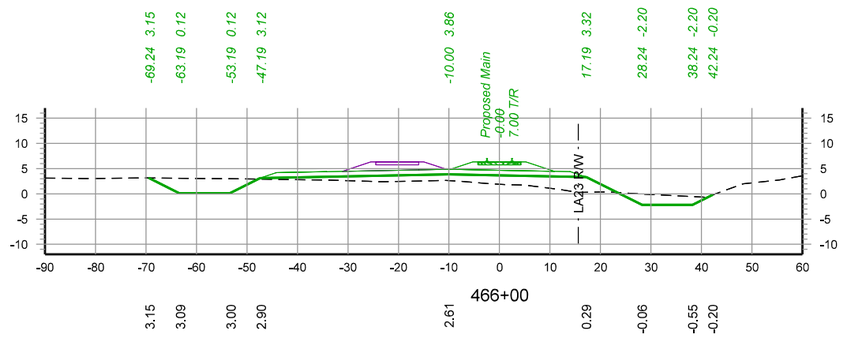
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Cross Sections - STA. 460+00 to STA. 465+00
10/20/2022

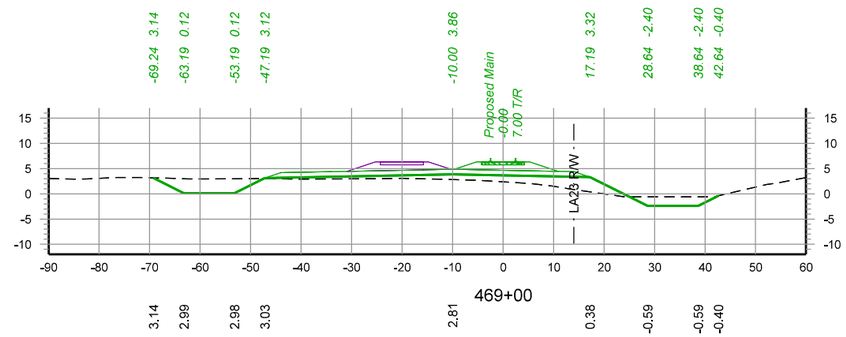












30 0 30 60

SCALE IN FEET

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REV. #	BY	DATE	DESCRIPTION
REV05		08/10/2022	
REV05.1		09/07/2022	
REV06		10/03/2022	

LEGEND:
- EXIST. TRACK
- PROPOSED TRACK
- FUTURE TRACK
- SHOOFLY TRACK
- SHIFT TRACK
- RETIRE TRACK
- LADOTD EXIST. LA23 R/W

WSP USA INC.
ONE PENN PLAZA, 4TH FLOOR
NEW YORK, NEW YORK 10119
LICENSE No. EF.0000623

NEW ORLEANS AND GULF COAST RAILWAY CO.

RAIL DESIGN ENGINEER
NATHANIEL H. ELLIS
License No. 43929
PROFESSIONAL ENGINEER

HYDRAULICS ENGINEER
REBECCA DAVEZAC HOWELL
License No. 42559
PROFESSIONAL ENGINEER

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DRAWN BY:	EGD
CHECKED BY:	NHE
DATE:	11/02/2022
SCALE:	1"=30' (H & V)
WORK ORDER:	
PID:	
BUDGET REF:	
SHEET NUMBER	X077 of 078

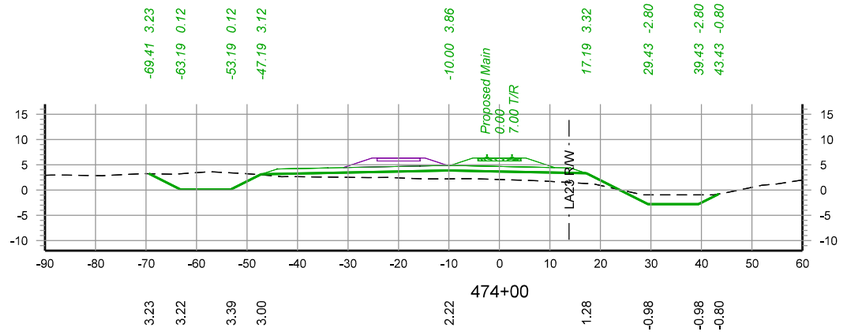
UNION PACIFIC RAILROAD

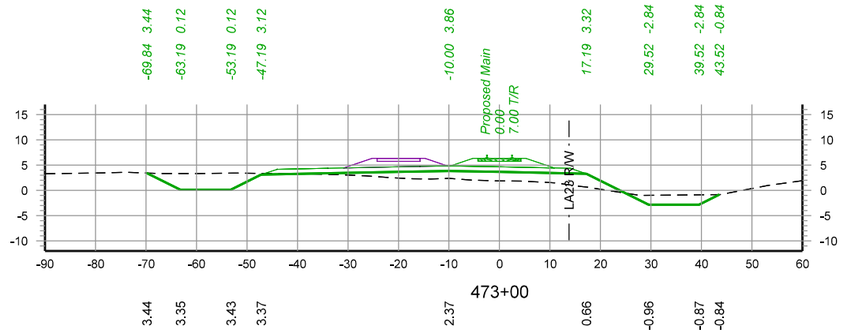
LGT MAINLINE EXTENSION

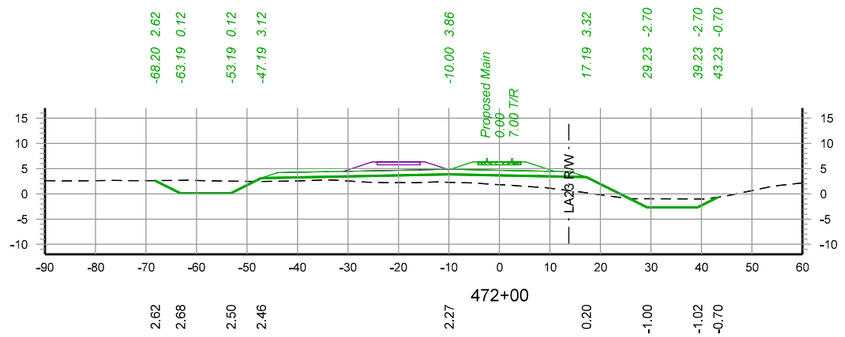
LOCATION & DESCRIPTION:
30% Design
NOGC RR Terminus (MP 24) to Future Gateway Terminal (MP 33)
Plaquemines Parish, LA

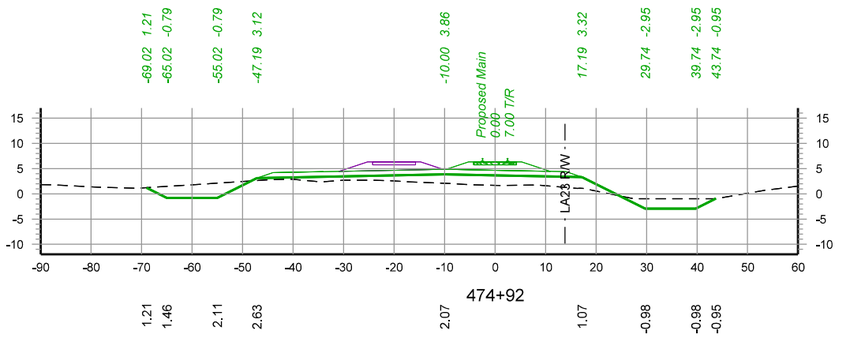
SHEET TITLE:
Cross Sections - STA. 466+00 to STA. 471+00

Color table:
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pw://HDR_PW_DTSNME///
Cross Sections - STA. 466+00 to STA. 471+00
10/20/2022









30 0 30 60

SCALE IN FEET

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REV. #	BY	DATE	DESCRIPTION
REV05		08/10/2022	
REV05.1		09/07/2022	
REV06		10/03/2022	

LEGEND:
- EXIST. TRACK
- PROPOSED TRACK
- FUTURE TRACK
- SHOOFLY TRACK
- SHIFT TRACK
- RETIRE TRACK
- LADOTD EXIST. LA23 R/W

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NEW YORK, NEW YORK 10119
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REBECCA DAVEZAC HOWELL
License No. 42559
PROFESSIONAL ENGINEER

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DRAWN BY:	EGD
CHECKED BY:	NHE
DATE:	11/02/2022
SCALE:	1"=30' (H & V)
WORK ORDER:	
PID:	
BUDGET REF:	
SHEET NUMBER	X078 of 078

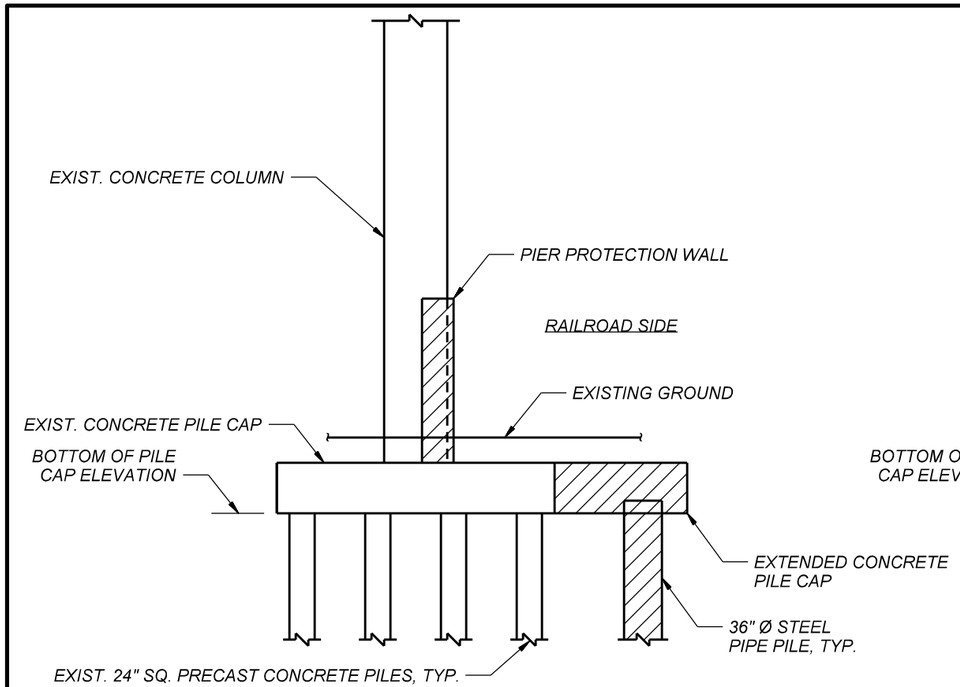
UNION PACIFIC RAILROAD

LGT MAINLINE EXTENSION

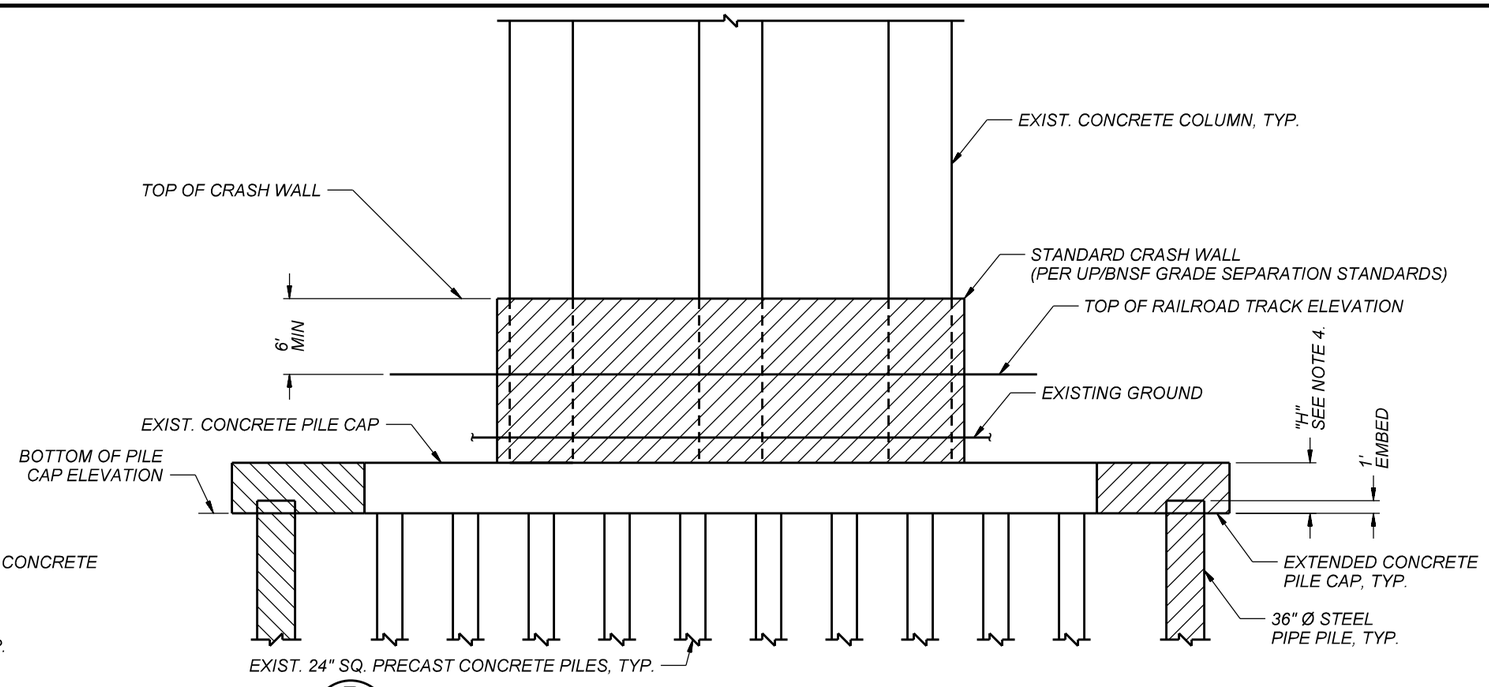
LOCATION & DESCRIPTION:
30% Design
NOGC RR Terminus (MP 24) to Future Gateway Terminal (MP 33)
Plaquemines Parish, LA

SHEET TITLE:
Cross Sections - STA. 472+00 to END

Color table:
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Cross Sections - STA. 472+00 to END
10/20/2022



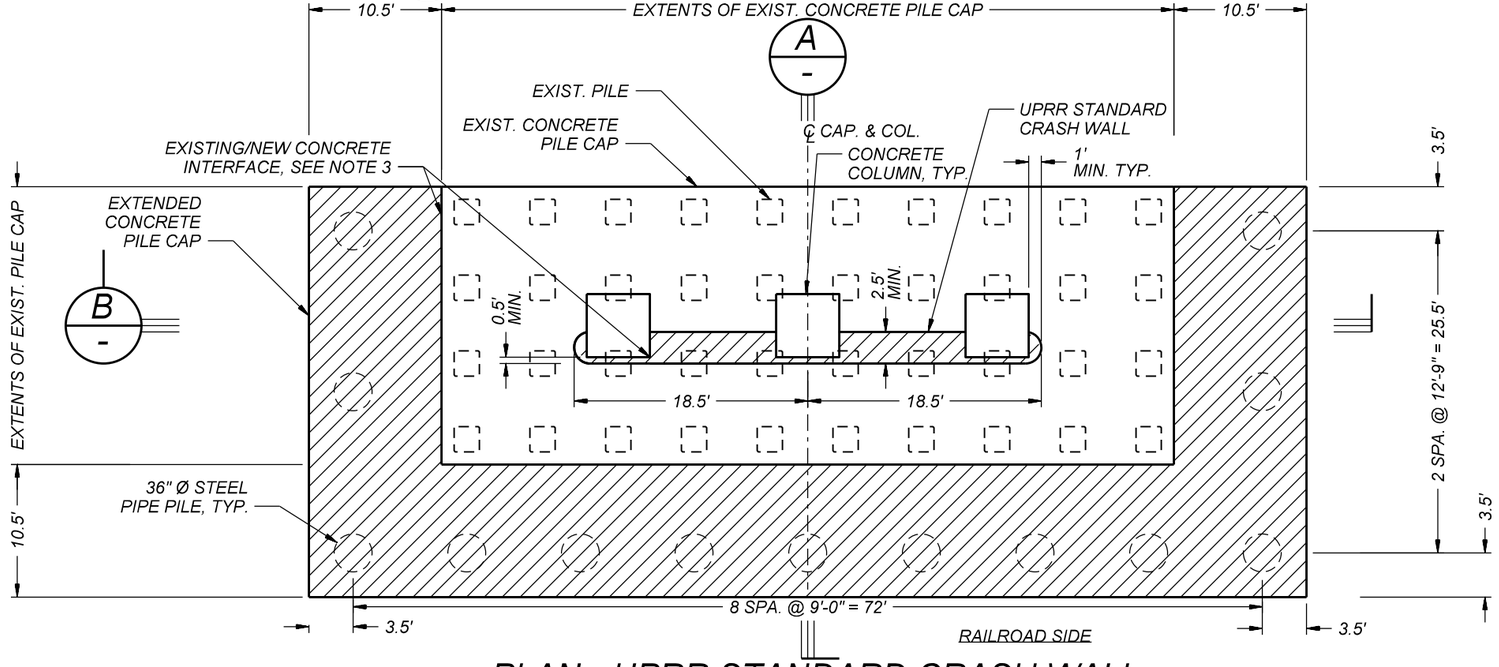
A - SECTION - UPRR STANDARD CRASH WALL



B - SECTION - UPRR STANDARD CRASH WALL

NOTES:

1. INFORMATION ON EXISTING STRUCTURE SHOWN HEREIN IS BASED ON DATA PROVIDED BY VENTURE GLOBAL. CONTRACTOR TO FIELD VERIFY ALL SITE CONDITIONS PRIOR TO COMMENCEMENT OF THE WORK.
2. UPRR STANDARD CRASH WALL IN ACORDANCE TO BNSF/UPRR BRIDGE STANDARD PLAN No. 711100, SHEET 4.
3. THE CONTRACTOR SHALL THROUGHLY ROUGHEN THE INTERFACE BETWEEN EXISTING AND NEW CONSTRUCTION TO A UNIFORMLY DISTRIBUTED 1/4-INCH MINIMUM AMPLITUDE SURFACE PROFILE, WITH PEAKS AT A MAXIMUM OF 1-INCH. BEFORE PLACING NEW CONCRETE AGAINST EXISTING CONCRETE, THE CONTRACTOR SHALL THOROUGHLY CLEAN AND SATURATE THE EXISTING SURFACE. ALL LOOSE PARTICLES, DUST, DIRT, LAITANCE, OIL, OR FILM OF ANY SORT SHALL BE REMOVED. THE CLEANED SURFACE SHALL BE SATURATED WITH WATER FOR A MINIMUM OF 4 HOURS BEFORE NEW CONCRETE IS PLACED.
4. SEE SHEET 2 FOR CONCRETE ROUGHENING ALTERNATE.
5. PILE CAP HEIGHT "H" TO MATCH EXISTING CONCRETE PILE CAP.
6. MIN. PILE TIP ELEVATION IS 130' BELOW BOTTOM OF PILE CAP ELEVATION.
7. PROVIDE OPEN-ENDED PIPE PILES AS SHOWN IN THE PLANS TO MEET ASTM A252, GRADE 3, Fy = 50,000 KSI.
8. MINIMUM PIPE PILE WALL THICKNESS SHALL BE 1/2". PILE DRIVING SHALL NOT EXCEED THE MAXIMUM AS SPECIFIED IN STANDARD SPECIFICATION SECTION 804.07.6. THIS WILL BE MONITORED AND VERIFIED BY PDA ANALYSIS.



PLAN - UPRR STANDARD CRASH WALL

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REV. #	BY	DATE	DESCRIPTION

LEGEND:
- EXIST. TRACK
- PROPOSED TRACK
- FUTURE TRACK
- SHOOFLY TRACK
- SHIFT TRACK
- RETIRE TRACK
- GIS R/W BOUNDARY

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ONE PENN PLAZA, 4TH FLOOR
NEW YORK, NEW YORK 10119
LICENSE No. EF.0000623

NEW ORLEANS AND GULF COAST RAILWAY CO.

STRUCTURAL ENGINEER
STATE OF LOUISIANA
LLOYD MARK PEARSON
License No. 39629
REGISTERED PROFESSIONAL CIVIL ENGINEER

HYDRAULICS ENGINEER

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CHECKED BY:	LMP
DATE:	11/02/2022
SCALE:	AS SHOWN
WORK ORDER:	
PID:	
BUDGET REF:	
SHEET NUMBER	S001 of 002

UNION PACIFIC RAILROAD — LGT MAINLINE EXTENSION

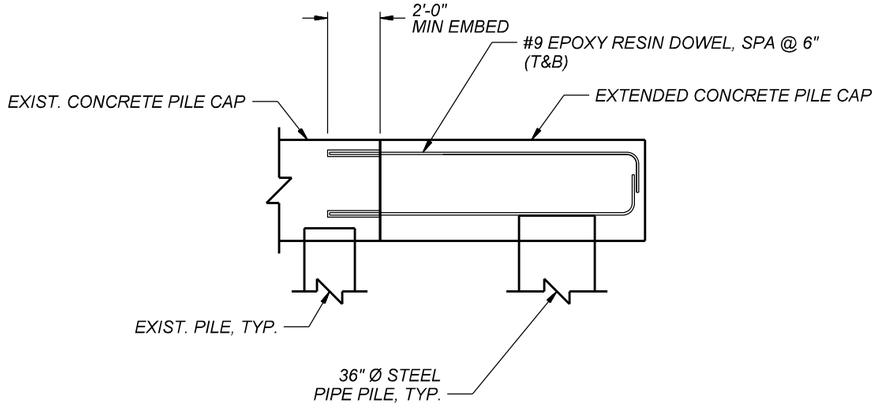
LOCATION & DESCRIPTION: 30% Design
NOGC RR Terminus (MP 24) to Future Gateway Terminal (MP 33)
Plaquemines Parish, LA

SHEET TITLE: STANDARD UPRR CRASH WALL DETAILS - SHEET 1

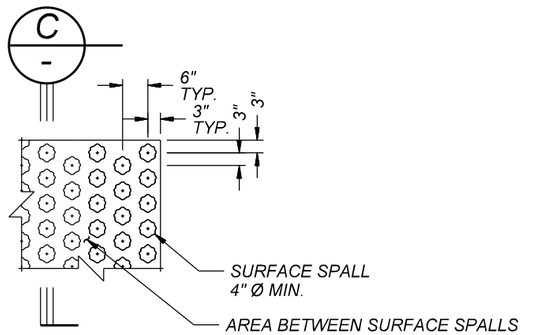
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Paper Space 11x17
10/27/2022

NOTES:

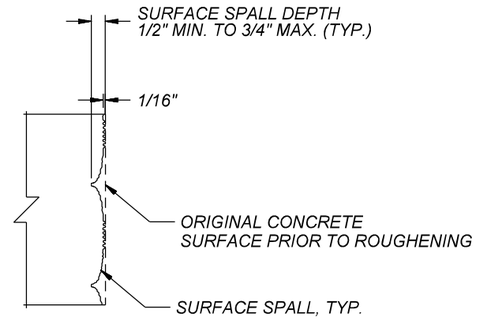
1. CONCRETE DESIGN AND CONSTRUCTION SHALL CONFORM TO THE AMERICAN RAILWAY ENGINEERING AND MAINTENANCE-OF-WAY ASSOCIATION (AREMA), VOLUME 2A, CHAPTER 8, CONCRETE STRUCTURES AND FOUNDATIONS.
2. CONCRETE MIX SHALL BE CLASS I, f'c = 5,000 PSI
3. REINFORCING STEEL SHALL BE DEFORMED Fy = 60,000 PSI AND IN CONFORMANCE TO ASTM A615.



DETAIL - CONCRETE DOWELING



ELEVATION
NTS



C - SECTION
NTS

CONCRETE ROUGHENING ALTERNATE

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REV. #	BY	DATE	DESCRIPTION

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- FUTURE TRACK
- SHOOFLY TRACK
- SHIFT TRACK
- RETIRE TRACK
- GIS R/W BOUNDARY

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NEW YORK, NEW YORK 10119
LICENSE No. EF.0000623

NEW ORLEANS AND GULF COAST RAILWAY CO.

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DATE:	11/02/2022
SCALE:	AS SHOWN
WORK ORDER:	
PID:	
BUDGET REF:	
SHEET NUMBER	S002 of 002

UNION PACIFIC RAILROAD

LGT MAINLINE EXTENSION

LOCATION & DESCRIPTION:
30% Design
NOGC RR Terminus (MP 24) to Future Gateway Terminal (MP 33)
Plaquemines Parish, LA

SHEET TITLE:
STANDARD UPRR CRASH WALL - SHEET 2

Color table: C:\30901703 - LGT\UPRR Standards\Microstation V8i Standards\tables\Color\UPRR.tbl
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c:\bms\wsp-pb-us-pw-02\wsp__santiago.aguilar\d0545745\2022-10-04 LGT Integrated UPRR Crash Wall Details.dgn
Paper Space 11x17
10/27/2022