St. James Parish Government

P. O. Box 106
Convent, Louisiana 70723-0106
(225) 562-2260
FAX (225) 562-2279
TDD: (225) 562-8500

Peter A. Dufresne
Parish President

To: Coastal Zone Management Advisory Commission

Date: Friday, April 24, 2020

Re: Meeting Notice

The St. James Parish Coastal Zone Management Advisory commission will hold its regularly scheduled meeting on **Monday, April 27, 2020 at 5:00 p.m.**, via teleconference. Enclosed for your review are minutes of the previous regular meetings, and a copy of the agenda.

If you have any questions, please feel free to contact the Planning & Permitting Office at (225)562-2264.

Sincerely

Marrill McKarry

Marrill McKarry
Planning & Permitting supervisor
St. James Parish Government

MM

Attachments

Richard Webre	Felix Boughton	Ingrid Bergeron-LeBlanc	Eric Deroche
Director of Operations	Director of Finance	Director of Human Resources	Director of Emergency Preparedness

ST. JAMES PARISH COASTAL ZONE MANAGEMENT
MEETING AGENDA
Monday, April 27, 2020 - 5:00 p.m.

Based on the Public Health Emergency in Proclamation Number 25 JBE 2020 and all subsequent Proclamations made by the Governor of Louisiana, St. James Parish Government and the St. James Parish Council has decided that in order to continue the necessary operations of government, but to also take into account the orders of the Governor, the guidance issued by the Louisiana Attorney General, and the recommendations of the CDC, the St. James Parish Planning Commission will meet via teleconference at the posted date and time to only take up any matters on its agendas which are necessary to ensure the public function and which require a vote of the Parish Planning commission. If a member of the public would like to issue public comment on any agenda item, please do one of the following:

1) **Send an email, prior to the meeting, to the Permitting & Planning Supervisor (marrill.mckarry@sjtamesparishla.gov) stating the agenda item you want to submit a comment upon, along with your full name, address, and your written comments which will be read into the record of the meeting; or**

2) **Dial into the teleconference line at (225) 331-88183 and enter Participant Code- 0418866. You will be allowed to comment during the Public Comment item of the agenda on any matter requiring a vote.**

I. CALL TO ORDER

II. ROLL CALL

III. MINUTES OF PREVIOUS MEETINGS

1. September 30, 2019 Minutes
2. October 28, 2019 Minutes
3. November 25, 2019 Minutes
4. December 23, 2019 Minutes
5. January 27, 2020 Minutes
6. February 24, 2020 Minutes (No Quorum)

IV. CORRESPONDENSE

V. PRESENTATION AND PUBLIC COMMENTS

1. None

VI. OLD BUSINESS

VII. NEW BUSINESS

1. **Illinois Central –P20200052** – Introduction for Illinois Central proposing to install approximately 3,936 feet (0.75 mile) of east siding and 1,446 feet (0.27 mile) of west siding at the proposed CMT Improvement site, and approximately 8,096 feet (1.53 miles) of east and west siding at the proposed CMT South Improvement site. The Project will involve grading and fill within a maximum 100-foot-wide right-of-way along the entire length of the Project.

PROCEEDING OF THE COASTAL ZONE MANAGEMENT ADVISORY COMMISSION, PARISH OF ST. JAMES, STATE OF LOUSIANA, TAKEN AT A REGULAR MEETING ON MONDAY, September 30, 2019.

The Coastal Zone Management Advisory Commission (CZMAC) of the Parish of St. James, State of Louisiana, met in regular session at the Courthouse in Convent, Louisiana, on Monday, September 30, 2019 at 5:00 p.m.

PRESENT: Edward Arceneaux, Wayne Becnel, Levar Joseph, Elton Chenier, Craig Calcagno, Brandon Gravois

ALSO IN ATTENDANCE: Blaise Gravois, Director of Operations; Eric Wolverton, Coastal Zone Manager

ABSEENT: Yvette Melancon, CJ Brock

MINUTES: Motioned by Elton Chenier and seconded by Craig Calcagno to approve the minutes of the last meeting as presented. Motion carried.

CORRESPONDENCE: None

OLD BUSINESS: None

NEW BUSINESS:

1. Parkview Land Company - P20190810 - Represented by Rhett Mouton for BK.I. He advised they have a COE permit and are working with OCM for the coastal permit. They intend to load/unload cargo such as rip rap and sugarcane, but plan on applying for a new coastal use permit in the future if they load/unload chemicals. Mr. Wolverton advised since their original application P20150121 was to verify the construction of the dock is able to be permitted with the planned chemicals to be loaded and unloaded are Aniline, Caustic, EDC, and **MDI,** they must have Planning Commission approval through an Industrial Land Use Application if they plan to handle chemicals in the future. Motioned to approve pending Planning Commission approval by Brandon Gravois, seconded Chenier. Becnel, Calcagno, Joseph in favor, Arceneaux against. Motion carried.

ADJOURNMENT: Motioned by Gravois and seconded by Chenier to adjourn. All in favor, motion carried. Meeting adjourned at 5:20 p.m.

sf _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _
LeVar Joseph, Chairman

PROCEEDING OF TE COASTAL ZONE MANAGEMENT ADVISORY COMMISSION, PARISH OF ST. JAMES, STATE OF LOUSIANA, TAKEN AT A REGULAR MEETING ON MONDAY, OCTOBER 28, 2019.

The Coastal Zone Management Advisory Commission (CZMAC) of the Parish of St. James, State of Louisiana, did not conduct a regular meeting on Monday, October 28, 2019 at 5:00 p.m.

*sl*_____

LeVar Joseph, Chairman

PROCEEDING OF TE COASTAL ZONE MANAGEMENT ADVISORY COMMISSION, PARISH OF ST. JAMES, STATE OF LOUSIANA, TAKEN AT A REGULAR MEETING ON MONDAY, NOVEMBER 25, 2019.

The Coastal Zone Management Advisory Commission (CZMAC) of the Parish of St. James, State of Louisiana, did not conduct a regular meeting on Monday, November 25, 2019 at 5:00 p.m.

s/ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _
LeVar Joseph, Chairman

PROCEEDING OF TE COASTAL ZONE MANAGEMENT ADVISORY COMMISSION, PARISH OF ST. JAMES, STATE OF LOUSIANA, TAKEN AT A REGULAR MEETING ON MONDAY, DECEMBER 23, 2019.

The Coastal Zone Management Advisory Commission (CZMAC) of the Parish of St. James, State of Louisiana, did not conduct a regular meeting on Monday, December 23, 2019 at 5:00 p.m.

s/ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _
LeVar Joseph, Chairman

PROCEEDING OF TE COASTAL ZONE MANAGEMENT ADVISORY COMMISSION, PARISH OF ST. JAMES, STATE OF LOUSIANA, TAKEN AT A REGULAR MEETING ON MONDAY, JANUARY 27, 2020

The Coastal Zone Management Advisory Commission (CZMAC) of the Parish of St. James, State of Louisiana, did not conduct a regular meeting on Monday, January 27, 2020 at 5:00 p.m.

sf _____

LeVar Joseph, Chairman

PROCEEDING OF TE COASTAL ZONE MANAGEMENT ADVISORY COMMISSION, PARISH OF ST. JAMES, STATE OF LOUSIANA, TAKEN AT A REGULAR MEETING ON MONDAY, FEBRUARY 26, 2020

The Coastal Zone Management Advisory Commission (CZMAC) of the Parish of St. James, State of Louisiana, did not conduct a regular meeting on Monday, February 24, 2020 at 5:00 p.m. due to a lack of members present *(no quorum).*

sf _____

LeVar Joseph, Chairman

Step 5 of 15 - Project Information

a. Describe the project.

Illinois Central proposes to install approximately 3,936 feet (0.75 mile) of east siding and 1,446 feet (0.27 mile) of west siding at the proposed CMT Improvement site, and approximately 8,096 feet (1.53 miles) of east and west siding at the proposed CMT South Improvement site. The Project will involve grading and fill within a maximum 100-foot-wide right-of-way along the entire length of the Project.

b. Is this application a change to an existing permit?

☐ No ☒ Yes OCM Permit Number: P20200052

c. Have you previously applied for a permit or emergency authoriation for all or any part of the proposed project?

☒ No ☐ Yes

Agency	Contact	Permit Number	Decision Status	Decision Date
OCM				
COE				
Other				

Step 6 of 15 - Project Location

a. Physical Location

Street:

City: Convent Parish: Saint James Zip:

Water Body:

b. Latitude and Longitude

Latitude: 30 2 53.26 Longitude: -90 49 45.92

c. Section, Township, and Range

Section #: Township #: Range #:
Section #: Township #: Range #:

d. Lot, Tract, Parcel, or Subdivision Name

Lot #: Parcel #:

Tract #: Subdivision Name:

e. Site Direction

START - I-10 east toward New Orleans. Exit #182 toward Sorrento. RIGHT onto LA-22 west. LEFT onto LA-70 west. LEFT onto LA-3125. RIGHT onto LA-3214 west. Continue approximately 1.5 miles to site on left. - END

Step 7 of 15 - Adjacent Landowners - See attached list

Step 8 of 15 - Project Specifics

a. Project Name and/or Title: Baton Rouge Subdivision Capacity Improvements Project

b. Project Type: Non-Residential

c. Source of Funding: **PRIVATE**

d. What will be done for the proposed project?

☐ Bridge/Road	☐ Home Site/Driveway	☐ Pipeline/Flow Line	☐ Rip Rap/Erosion Control
☐ Bulkhead/Fill	☐ Levee Construction	☐ Plug/Abandon	☒ Site Clearance
☐ Drainage Improvements	☐ Dredging	☐ Production Barge/ Structure	☐ Subdivision
☐ Drill Barge/ Structure	☐ Prop Washing	☐ Vegetative Plantings	☐ Wharf/Pier/Boathouse
☐ Drill Site	☐ Pilings	☐ Remove Structures	
☒ Fill	☐ Marina	☐ Major Industrial/Commercial	
☒ Other: Railroad expansion/construction			

e. Why is the proposed project needed?

Illinois Central has identified a need to operate additional trains on the Baton Rouge Subdivision due to the increased commerce in the southern region markets. This project increases the capacity of the rail network. The sidings will provide locations for trains to meet and pass safely, which reduces train delay, meets regional demand and creates fluidity along the railroad network in Louisiana.

Step 9 of 15 - Project Status

a. Proposed start date: 07/01/2020 **Proposed completion date:** 12/31/2020

b. Is any of the project work in progress?

☒ No ☐ Yes

c. Is any of the project work completed?

☒ No ☐ Yes

Step 10 of 15 - Structures, Materials, and Methods for the Proposed Project

a. Excavations

9,710 Cubic Yards 4.65 Acres

b. Fill Areas

12,630 Cubic Yards 4.65 Acres

c. Fill Materials

☐	Concrete:	Cubic Yards	☒	Rock:	500 Cubic Yards
☒	Crushed Stone or Gravel:	2,000 Cubic Yards	☐	Sand:	Cubic Yards
☒	Excavated and Placed onsite :	9,710 Cubic Yards	☒	Hauled in Topsoil/Dirt:	420 Cubic Yards
☐	Excavated and hauled offsite:	Cubic Yards			
☐	Other:			Cubic Yards	

d. What equipment will be used for the proposed project?

- [ ] Airboat
- [x] Bulldozer/Grader
- [ ] Marsh Buggy
- [x] Backhoe
- [ ] Dragline/Excavator
- [x] Other Tracked or Wheeled Vehicles
- [ ] Barge Mounted Bucket Dredge
- [ ] Handjet
- [ ] Self Propelled Pipe Laying Barge
- [ ] Barge Mounted Drilling Rig
- [ ] Land Based Drilling Rig
- [ ] Tugboat
- [ ] Other:

Step 11 of 15 - Project Alternatives

a. Total acres of wetlands and/or waterbottoms filled and/or excavated.

0.48 acres

b. What alternative locations, methods, and access routes were considered to avoid impact to wetlands and/or waterbottoms?

Adding the track in the rural area prevents the project from adversely impacting neighborhoods, businesses, and the Mississippi River. The project location was selected to reduce or eliminate safety hazards, traffic impacts, and noise impacts within nearby populated centers, such as Donaldsonville and Sorrento. The proposed project was located to avoid major and minor road crossings in order to prevent the need to close crossings and interfere with public and private access. The proposed location has also been sited to utilize existing roads to primarily provide access, which minimizes potential wetlands impacts associated with constructing new roads.

c. What efforts were made to minimize impact to wetlands and/or waterbottoms?

Construction impacts to wetlands and waterbottoms will be minimized by utilizing appropriate BMPs. The proposed location has been sited to utilize existing roads to primarily provide access, which minimizes potential wetlands impacts associated with constructing new roads. The proposed location is in an existing railroad corridor and IC right-of-way to minimize impacts to wetlands and waterbottoms.

d. How are unavoidable impacts to vegetated wetlands to be mitigated?

Illinois Central is prepared to purchase wetland mitigation credits to satisfy LDNR and USACE requirements. Illinois Central will coordinate with LDNR and USACE to determine appropriate mitigation quantities and mitigation banks.

Step 12 of 15 - Permit Type and Owners

a. Are you applying for a Coastal Use Permit?

- [ ] No
- [x] Yes

b. Are you the sole landowner / oyster lease holder?

- [ ]

☒ No ☐ Yes

☐ The applicant is an owner of the property on which the proposed described activity is to occur.

☒ The applicant has made reasonable effort to determine the identity and current address of the owner(s) of the land on which the proposed described activity is to occur, which included, a search of the public records of the parish in which the proposed activity is to occur.

☒ The applicant hereby attests that a copy of the application has been distributed to the following landowners / oyster lease holders. See attached list.

c. Does the project involve drilling, production, and/or storage of oil and gas?

☒ No ☐ Yes **If yes, you must attach a list of all state and federal laws and rules and regulations**

Step 13 of 15 - Maps and Drawing Instructions

Note: OCM Compiled Plats consist of a complete and current set of plats that have been pieced together by OCM using only the most current portions of the plat files provided by the applicant/agent. All out-of-date plats have been excluded.

CMT.CMTSouthDataForms.pdf	03/26/2020 03:52:11 PM
WetlandImpactSheets-Color-2020.03.25.pdf	03/26/2020 03:53:22 PM
WetlandImpactSheets-BW-2020.03.25.pdf	03/26/2020 03:54:08 PM
SHPOconcurrenceapproval-BatonRougeSubdivision.pdf	03/26/2020 03:59:47 PM
CN-ConventLATrackPlans1of3.pdf	03/26/2020 04:05:01 PM
CNConventLATrackPlans202001152of2.pdf	01/16/2020 02:54:59 PM
CN-ConventLATrackPlans3of3.pdf	03/26/2020 04:15:03 PM
WorkAreasBelow5_FT-2020.03.25.pdf	03/26/2020 04:28:26 PM
WetlandSheets-PrintConf-BW.pdf	03/03/2020 04:27:08 PM
19126088_A010_OverviewMap.pdf	01/16/2020 02:38:26 PM
CNConventLATrackPlans202001151of2.pdf	01/16/2020 02:52:27 PM
CN-ConventLATrackPlans2of3.pdf	03/26/2020 04:10:14 PM

Step 14 of 15 - Payment

The fee for this permit is: $ 100.00

Step 15 of 15 - Payment Processed

Applicant Information

Applicant Name: Illinois Central
Address: 17641 Ashland Ave
Homewood, IL 60430--1339

To the best of my knowledge the proposed activity described in this permit application complies with, and will be conducted in a manner that is consistent with the Louisiana Coastal Resources Program. If applicable, I also certify that the declarations in Step 12c, oil spill response, are complete and accurate.

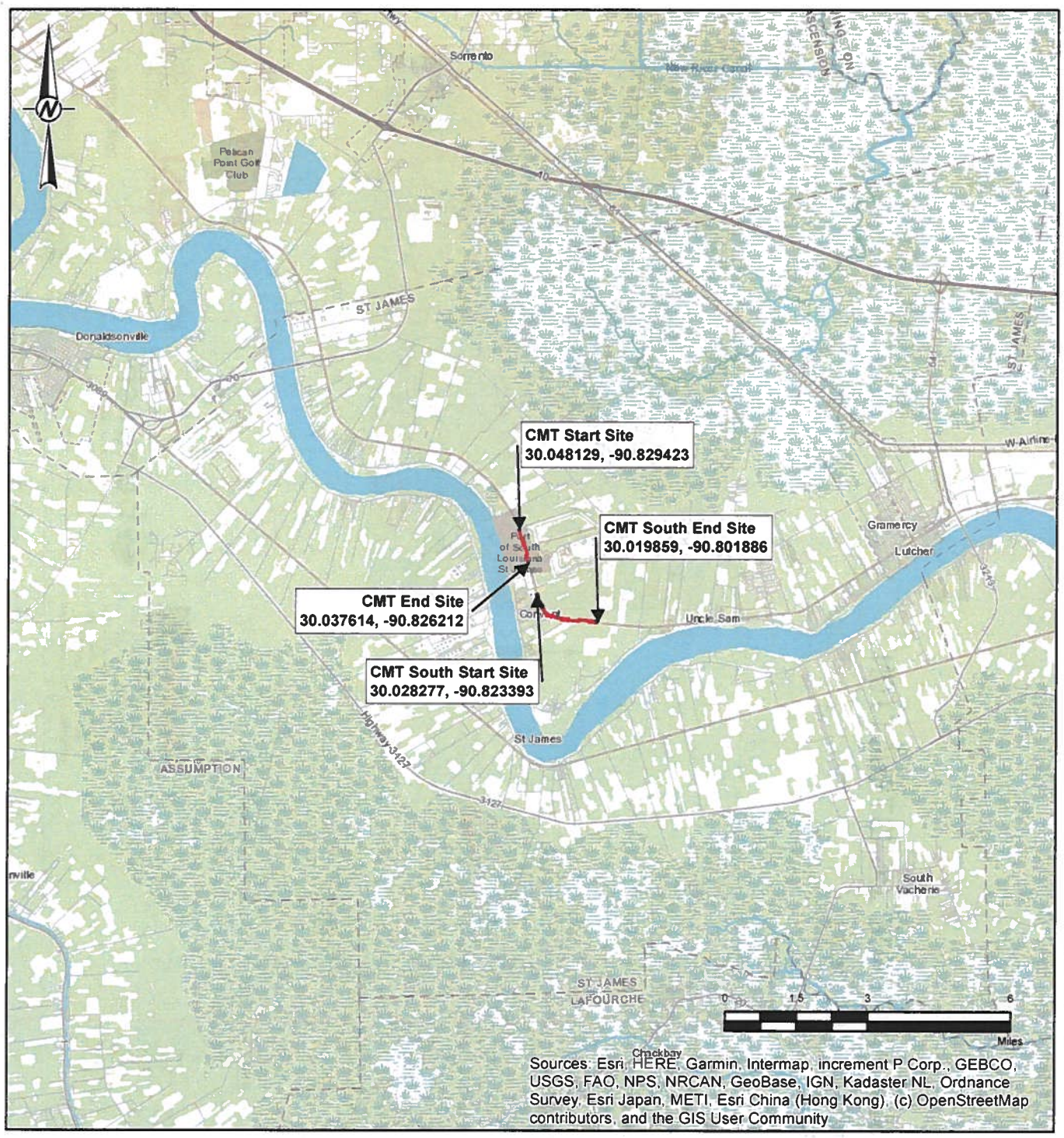
Landowners List

Landowner

Mosaic c/o David Kirkpatrick

13830 Circa Crossing Drive

Lithia, FL 33547



LEGEND

SURVEY AREA

REFERENCE(S)
1. STUDY AREA, GOLDER ASSOCIATES INC., 2019.

COORDINATE SYSTEM: NAD 1983 STATEPLANE LOUISIANA SOUTH FIPS 1702 FEET
PROJECTION: LAMBERT CONFORMAL CONIC
DATUM: NORTH AMERICAN 1983

CLIENT
ALFRED BENESCH & ASSOCIATES

PROJECT
WETLAND AND THREATENED AND ENDANGERED SPECIES ASSESSMENT

TITLE
PROJECT OVERVIEW MAP

CONSULTANT

GOLDER

YYYY-MM-DD	2020-01-15
DESIGNED	NRL
PREPARED	GFD
REVIEWED	KB
APPROVED	JM

PROJECT NO.	CONTROL	REV.	FIGURE
19126088	A010	0	1

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI A

MAIN SITE WORKS AND TRACK CONSTRUCTION

IC CMT TRACK CONSTRUCTION

BATON ROUGE SUBDIVISION
MP 403.39 - 406.46
CONVENT, LA
JANUARY 15, 2020

STANDARD REFERENCE DRAWINGS

THE REFERENCE DRAWINGS LISTED ON THIS PLAN SHALL BE CONSIDERED A PART THEREOF:

NONE USED

BENCHMARKS

BM#1
TOP OF RAILROAD TRACK AT _____, TOP OF THE LETTER "O" OF "xx".
PAINTED _____.
ELEVATION = xxx.xx' (NAVD 88)

SITE VICINITY MAP
SCALE: N.T.S.

SITE LOCATION MAP
SCALE: N.T.S.

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NOT FOR CONSTRUCTION

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REVISIONS DATE	BY
APPROVALS	
SHEET 1 OF 93	

CN SOUTHERN REGION

IC CONVENT MARINE TERMINAL
CENTRAL DIVISION
BATON ROUGE SUBDIVISION
CONVENT, LA

COVER SHEET

OFFICE OF DESIGN & CONSTRUCTION

DRAWN BY: NEH	SCALE: 1:10	DWG NO.
CHECKED BY: FJD	DATE: 1/15/2020	FILE: TI-01.dgn

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GENERAL NOTES

LEGEND

- EXISTING MAIN TRACK
- PROPOSED SIDING/SPUR TRACK
- REMOVED TRACK
- SHIFTED TRACK
- INDUSTRY TRACK
- FUTURE TRACK
- RIGHT OF WAY
- FENCE
- GRADING LIMITS
- 10 FT BUFFER
- EXISTING WETLANDS
- WETLANDS IMPACT
- TEMPORARY WETLAND IMPACT
- CULVERT
- BRIDGE
- W-XX WETLAND ID NO.
- S-XX STREAM ID NO.
- CONTROL POINT
- SECTION CORNER
- BM BENCHMARK
- MONITORING WELL
- BORE HOLE
- MILEPOST
- CROSSBUCK
- WHISTLE POST
- SIGNALS
- SIGNALS - CANTILEVER
- SIGNALS - BRIDGE
- TURNOUT HAND THROWN
- TURNOUT POWER
- WHEEL STOP
- BUMPING POST
- EARTHEN BUMPER
- DERAIL
- SWITCH POINT DERAIL
- PROPANE TANK
- BUILDING
- POWER POLE
- GUY ANCHOR
- STREET LIGHT W/OVERHEAD POWER
- STREET LIGHT W/UNDERGROUND POWER
- ROAD SIGN
- MAILBOX
- MISC VERTICAL PIPE
- OVERHEAD POWER LINE
- UNDERGROUND ELECTRIC
- GAS LINE
- FIBER OPTIC
- TELEPHONE
- SANITARY SEWER
- STORM SEWER / CULVERT
- WATERMAIN
- GRATE INLET
- SANITARY SEWER MANHOLE
- STORM SEWER MANHOLE
- TELEPHONE MANHOLE
- ELECTRIC MANHOLE
- WATER MANHOLE
- FIRE HYDRANT
- WATER VALVE
- WATER SHUT OFF VALVE
- GAS VALVE
- TELEPHONE PEDESTAL
- ELECTRIC PEDESTAL

CONTACTS

BENESCH
MR. MIKE KUNZ
1300 WEST CANAL STREET, SUITE 150
MILWAUKEE, WI 53233
414-308-1319

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SHEET 2 OF 93	

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CONVENT, LA

GENERAL NOTES

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DRAWN BY: NTH	SCALE: 1:10	DWG NO.
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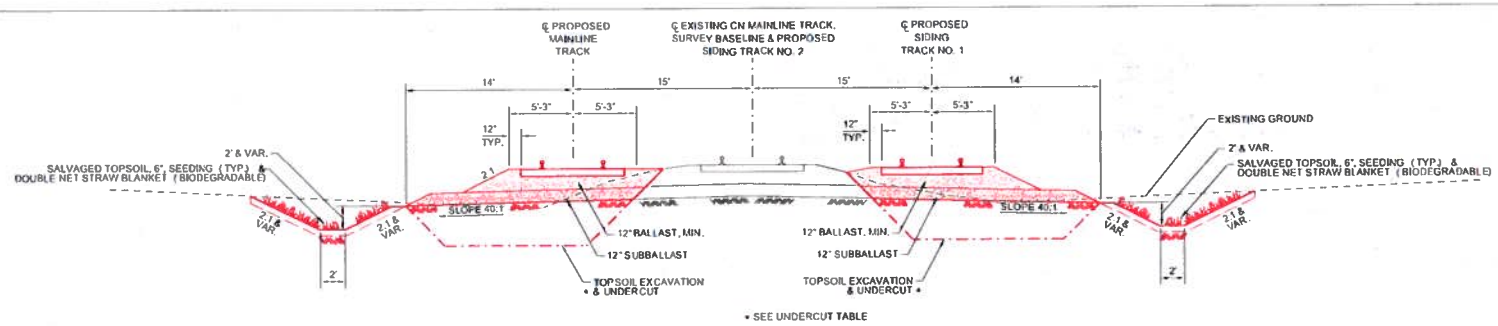
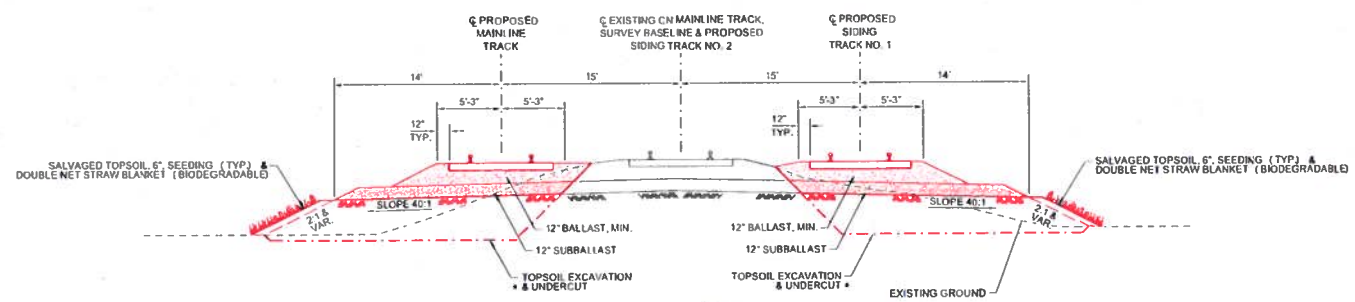


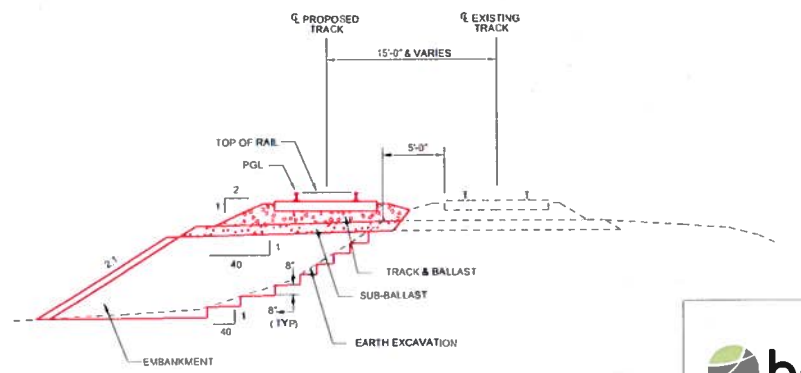
* SEE UNDERCUT TABLE

TYPICAL CUT SECTION



* SEE UNDERCUT TABLE

TYPICAL FILL SECTION



KEYED EMBANKMENT TYPICAL DETAIL

TO BE USED WHERE NEW EMBANKMENT MATERIAL IS PLACED ADJACENT TO THE EXISTING EMBANKMENT

NOTES:

1. ALL UNSUITABLE MATERIAL IN UNDERCUT AREAS SHALL BE REMOVED AND REPLACED WITH SUITABLE BACKFILL MATERIAL AS DESCRIBED IN THE STANDARD SPECIFICATIONS.
2. NO EXCAVATION WILL BE ALLOWED WITHIN THE LOAD INFLUENCE AREA DEFINED BY XXXXXXXXXX WITHOUT AN APPROVED EARTH RETENTION SYSTEM THAT IS DESIGNED AND SEALED BY A STRUCTURAL ENGINEER LICENSED IN THE STATE OF LOUISIANA. EXCAVATION MUST ALSO MEET THE APPROVAL OF THE ENGINEER.
3. WHEN WORK OCCURS WITHIN OR ADJACENT TO WETLANDS, THE CONTRACTOR SHALL NOT DISTURB WETLANDS OUTSIDE THE WORK LIMITS AND SHALL PROVIDE AN EROSION CONTROL BARRIER.
4. THE EXISTING EMBANKMENT SHALL BE KEYED PRIOR TO PLACING NEW EMBANKMENT ADJACENT TO IT.
5. TOPSOIL SHALL BE PLACED AT ALL DISTURBED WORK LOCATIONS NOT COVERED BY SUB-BALLAST TO A DEPTH OF SIX (6) INCHES.

BEGIN STA	END STA	RECOMMENDED TREATMENT
-	-	-
-	-	-
-	-	-

UNDERCUT LOCATIONS

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SHEET 3 OF 93

CN SOUTHERN REGION

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CONVENT, LA

TYPICAL SECTIONS

OFFICE OF DESIGN & CONSTRUCTION

DRAWN BY: KLH	SCALE: 1:10	DWG NO
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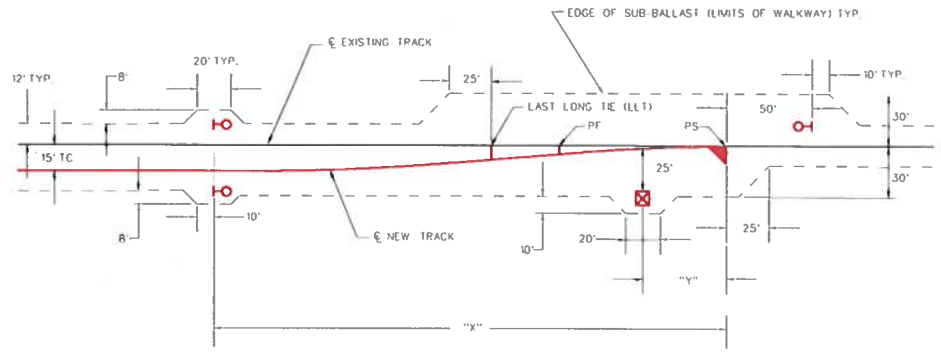
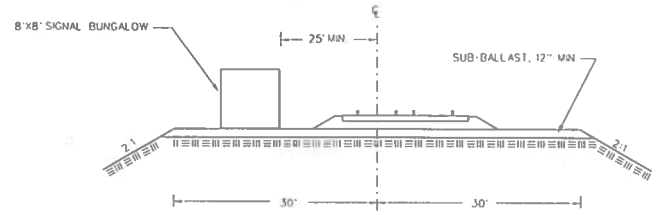
GRADING AREA FOR TURNOUT INSTALLATION



FROG NUMBER	PS TO LLT	CURVATURE	RADIUS	DISTANCE "X"	DISTANCE "Y"
#10	116'	5° -00'	1146.29'	257'	41'
#12	138'	4° -00'	1432.69'	336'	49'
#15	175'	3° -00'	1910.08'	389'	56'
#16	171'	2° -30'	2290.01'	385'	58'
#20	220'	1° -30'	3819.83'	518'	78'

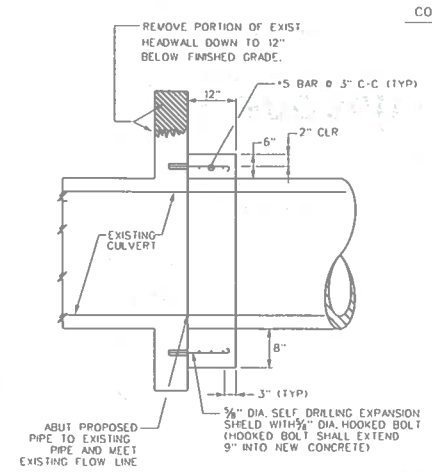


SECTION A-A

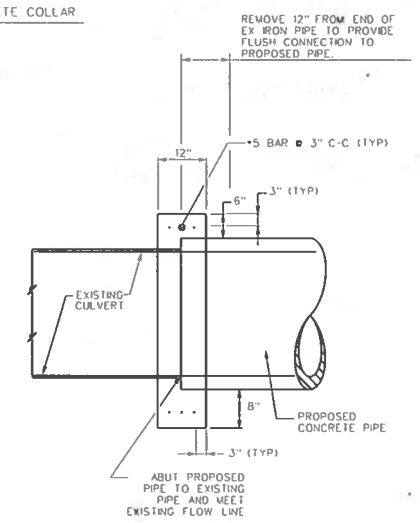
NOTES:

1. TRAILING POINT SIGNALS ARE LOCATED 20 FEET PAST THE END OF RETURN CURVE (CLEARANCE POINT) (SEE "X" VALUE)
2. REDUCE OR INCREASE DISTANCE "X" BETWEEN TRAILING POINT SIGNAL AND PS BY L (IN FEET) - N×D WHERE N = FROG NUMBER AND D = DIFFERENCE BETWEEN PROPOSED TRACK CENTERS (IN DECIMAL FEET) AND 15 FEET AS SHOWN. REDUCE IF PROPOSED TC < 15, INCREASE IF PROPOSED TC > 15
3. CENTERLINE OF TRACK TO CENTER OF SIGNAL MAST = 12 FEET.
4. USE DIMENSIONS FROM CENTERLINE ONLY WHEN PROPERTY PERMITS.

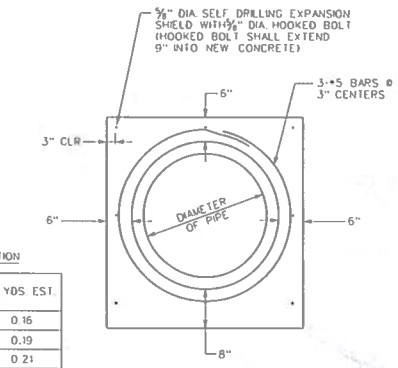
CONCRETE COLLAR



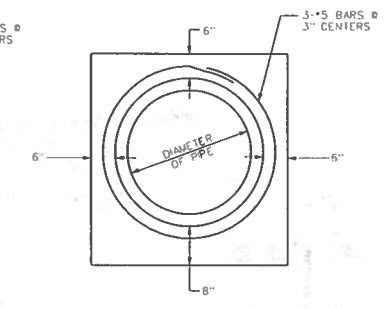
SIDE VIEW



SIDE VIEW



END VIEW



END VIEW

TABULATION

DIAMETER OF PIPE	CU YDS EST.
12	0.16
15	0.19
18	0.21
24	0.29
30	0.37
36	0.44
42	0.53
48	0.62
54	0.71
60	0.81
72	1.03

NOTES:

1. CONCRETE COLLAR SHALL BE CONSTRUCTED AT THE LOCATIONS INDICATED ON THE CULVERT DETAILS.
2. CONCRETE COLLAR, AS SHOWN ON THE PLANS, WHICH SHALL INCLUDE THE REMOVAL OF SUCH PORTIONS OF THE EXISTING HEADWALLS AS MAY BE REQUIRED.
3. GRADE A CONCRETE SHALL BE USED THROUGHOUT.

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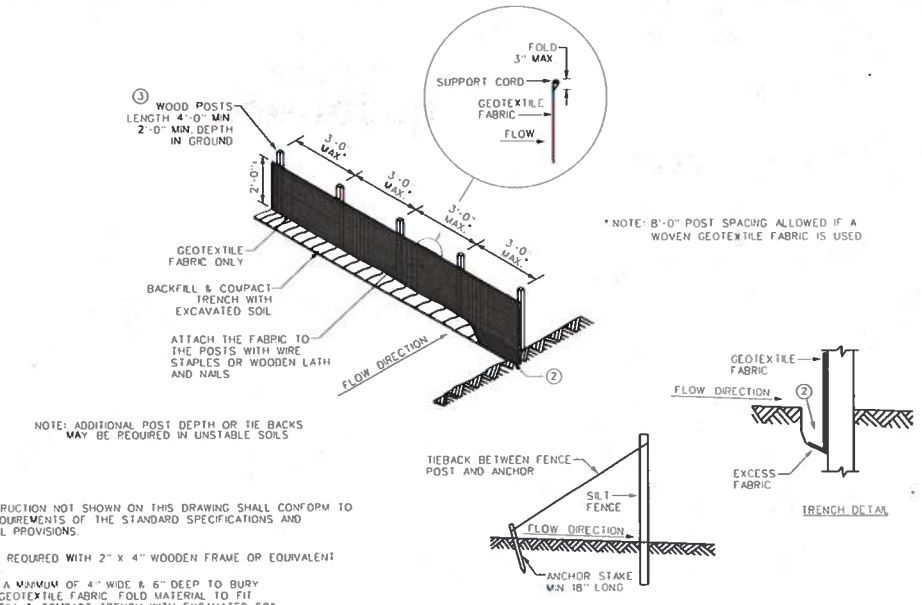


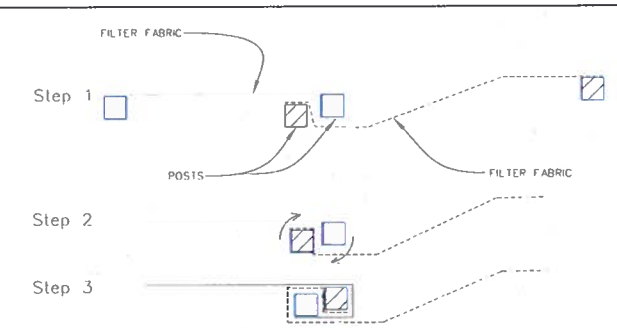
NOTE: ADDITIONAL POST DEPTH OR TIE BACKS MAY BE REQUIRED IN UNSTABLE SOILS

GENERAL NOTES:

DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

1. HORIZONTAL BRACE REQUIRED WITH 2" x 4" WOODEN FRAME OR EQUIVALENT AT TOP OF POSTS.
2. TRENCH SHALL BE A MINIMUM OF 4" WIDE & 6" DEEP TO BURY AND ANCHOR THE GEOTEXTILE FABRIC. FOLD MATERIAL TO FIT TRENCH AND BACKFILL & COMPACT TRENCH WITH EXCAVATED SOIL.
3. WOOD POSTS SHALL BE A MINIMUM SIZE OF 1 1/8" x 1 1/8" OF OAK OR HICKORY.
4. SILT FENCE TO EXTEND ACROSS THE TOP OF THE PIPE.

SILT FENCE



NOTES:

1. Place the end post of the second fence inside the end post of the first fence.
2. Rotate both posts at least 180 degrees in a clockwise direction to create a tight seal with the fabric material.
3. Drive both posts a minimum of 18 inches into the ground and bury the flap.

ATTACHING TWO SILT FENCES

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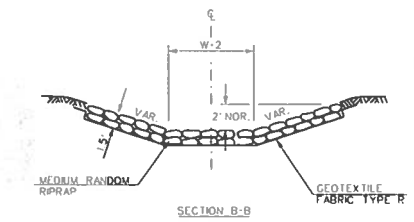
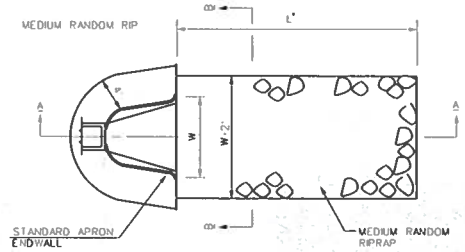
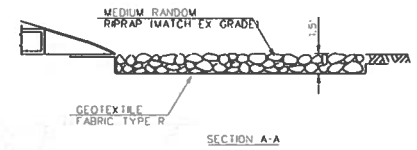
SEDIMENTATION & EROSION CONTROL NOTES

EROSION MAT



SECTION B-B





SECTION A-A

* L=3 TIMES DIAMETER OR 10' MIN. OR AS DIRECTED BY THE ENGINEER.

MEDIUM RIP RAP AND GEOTEXTILE FABRIC DETAIL AT APRON ENDWALLS

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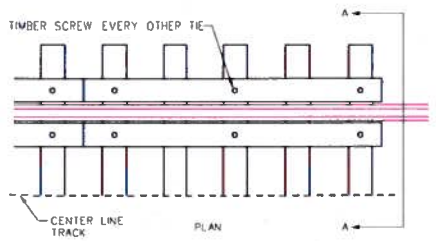
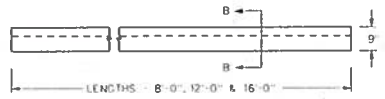
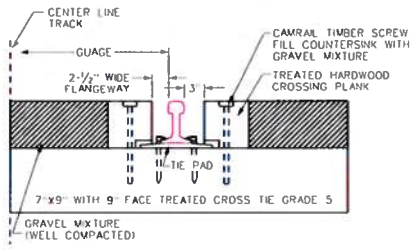
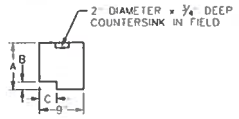


5x10 1/2" LONG CAMRAIL TORX TRUSS WASHER HEAD TIMBER SCREW
5x12" LONG CAMRAIL TORX TRUSS WASHER HEAD TIMBER SCREW





SECTION A-A



SECTION B-B

GENERAL NOTES:

ALL TIMBER TO BE HARDWOOD, CUT TO SIZE, INCISED, AND TO HAVE GALVANIZED GANG NAIL PLATES APPLIED TO EACH END OF EACH CROSSING PLANK, BEFORE BEING CREOSOTE TREATED.

PLACE TIE PADS ON ALL TIES UNDER CROSSING, AND 6 TIES BEYOND EACH END OF CROSSING.

FASTEN CROSSING PLANK TO TIES WITH 5/8" DIAMETER CAMRAIL TIMBER SCREWS, NO PRE DRILLING OF HOLES ARE NECESSARY IN TIMBERS AND IN TIES. SEE CROSSING SCHEDULE BELOW FOR LENGTHS.

ON CROSSINGS WHERE ALL CROSS TIES ARE TO BE CHANGED OUT NEW, USE TIES THAT HAVE BEEN BORED, BUT NOT ADAZED.

FOR TRACK CURVES OF 5 DEGREES AND OVER, SPECIFY 8'-0" LONG CROSSING PLANK ONLY.

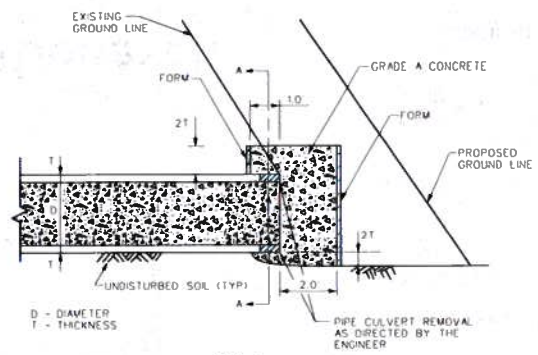
PLANK MATERIAL TO BE SUPPLIED BY CN.

MAINLINE CROSSING PLANKS TO BE INSTALLED BY WCL.

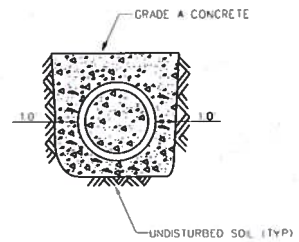
SIDING CROSSING PLANKS TO BE INSTALLED BY CONTRACTOR.

CROSSING PLANK SCHEDULE	
RAIL SECTION	136 CWR
DIMENSION "A"	7'-1/2"
DIMENSION "B"	1'-1/8"
DIMENSION "C"	3"
SCREW LENGTH	12"

TIMBER CROSSING PLANK DETAILS



PROFILE



SECTION A-A

NOTES:

EARTH EXCAVATION FOR PIPE CULVERT ABANDONMENT SHALL BE CONSIDERED INCIDENTAL TO THE ABANDONING PIPE CULVERT ITEM. THIS WORK INVOLVES THE EXCAVATION OF EARTH AS SHOWN ON THE DETAIL ABOVE. THE EARTH EXCAVATION WILL BE UTILIZED IN THE EMBANKMENT OR WASTED AS DIRECTED BY THE ENGINEER.

PIPE CULVERT TO BE ABANDONED IN PLACE IS TO BE CONSTRUCTED AT THE LOCATIONS INDICATED ON THE DRAINAGE SCHEDULE.

THE ENTIRE LENGTH OF PIPE SHALL BE FILLED.

ABANDONING PIPE CULVERTS AND BOX CULVERTS IN PLACE

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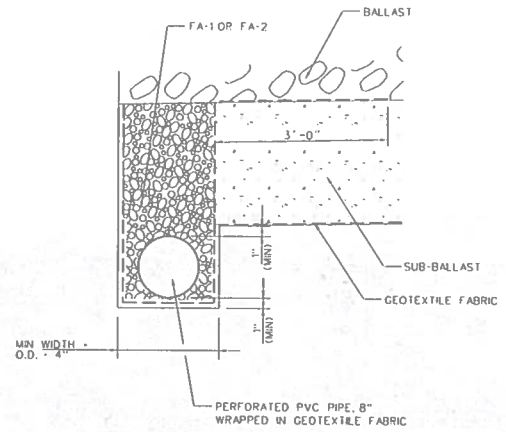
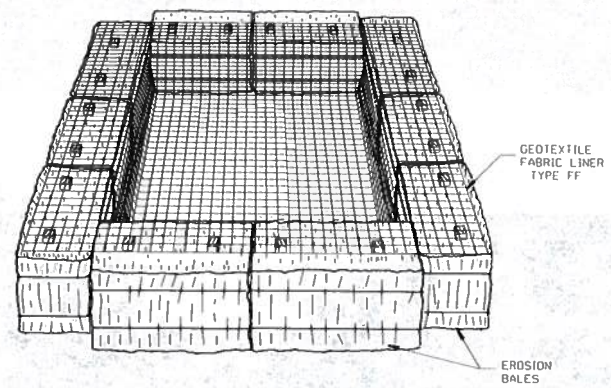


SUBSURFACE TRACK DRAIN, 8"



SIZE TO BE DETERMINED IN FIELD AS INDICATED BELOW:

STORAGE VOLUME (C.F.) = 16 x GPM (PUMP RATE)

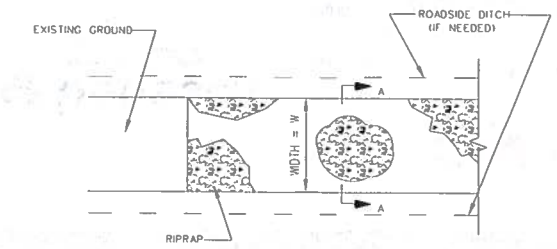
EXAMPLE:
CONTRACTOR INDICATES PUMP CAPABLE OF 50 GPM
HEIGHT OF BALES = 1.5 FT.

SOLUTION:
SV (C.F.) = 16 x 50
SV = 800 C.F.

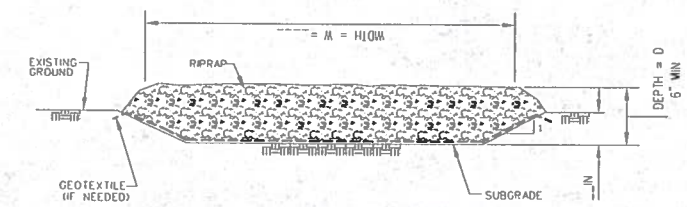
$\frac{800 \text{ C.F.}}{1.5 \text{ FT.}}$ = 533 S.F.

USE A 20 FT. x 27 FT. BASIN

TEMPORARY SETTLING BASIN



PLAN VIEW



SECTION A-A

NOTES:

1. ROCK SHALL MEET ONE OF THE FOLLOWING IDOT COARSE AGGREGATE GRADATIONS: CA-1, CA-2, CA-3 OR CA-4 AND BE PLACED ACCORDING TO CONSTRUCTION SPECIFICATION 25 ROCKFILL USING PLACEMENT METHOD 1 AND CLASS LLL COMPACTION.

2. SEE PLANS FOR CONSTRUCTION ROAD LOCATION, D AND W DIMENSIONS

3. MINIMUM WIDTH IS 14 FEET FOR ONE-WAY TRAFFIC AND 20 FEET FOR TWO-WAY TRAFFIC. TWO-WAY TRAFFIC WIDTHS SHALL BE INCREASED A MINIMUM OF 4 FEET FOR TRAILER TRAFFIC, DEPENDING ON THE TYPE OF VEHICLE OR EQUIPMENT, SPEED, LOADS, CLIMATIC AND OTHER CONDITIONS UNDER WHICH VEHICLES AND EQUIPMENT OPERATE. AN INCREASE IN THE MINIMUM WIDTHS MAY BE REQUIRED.

4. ROADWAY SHALL FOLLOW THE CONTOUR OF THE NATURAL TERRAIN TO THE EXTENT POSSIBLE.

5. GEOTEXTILE (NON-WOVEN) MINIMUM CRITERIA:

WEIGHT OF GEOTEXTILE (OZ/SQ.YD.)	6
TENSILE STRENGTH (LB) ASTM D 4632	180
ELONGATION AT FAILURE (%) ASTM D 4632	50
PUNCTURE (LB) ASTM D 4833	80
ULTRAVIOLET LIGHT ASTM D 4355	70
APPARENT OPENING SIZE (AOS) ASTM D 4751	MAX 40 SIEVE
PERMITTIVITY SEC/ ASTM D 4491	0.70

6. ANY GEOTEXTILE SPLICES SHALL OVERLAP A MINIMUM OF 18 INCHES, WITH UPSTREAM OR UPSLOPE GEOTEXTILE OVERLAPPING THE ABUTTING DOWNSLOPE GEOTEXTILE.

CONSTRUCTION ROAD STABILIZATION

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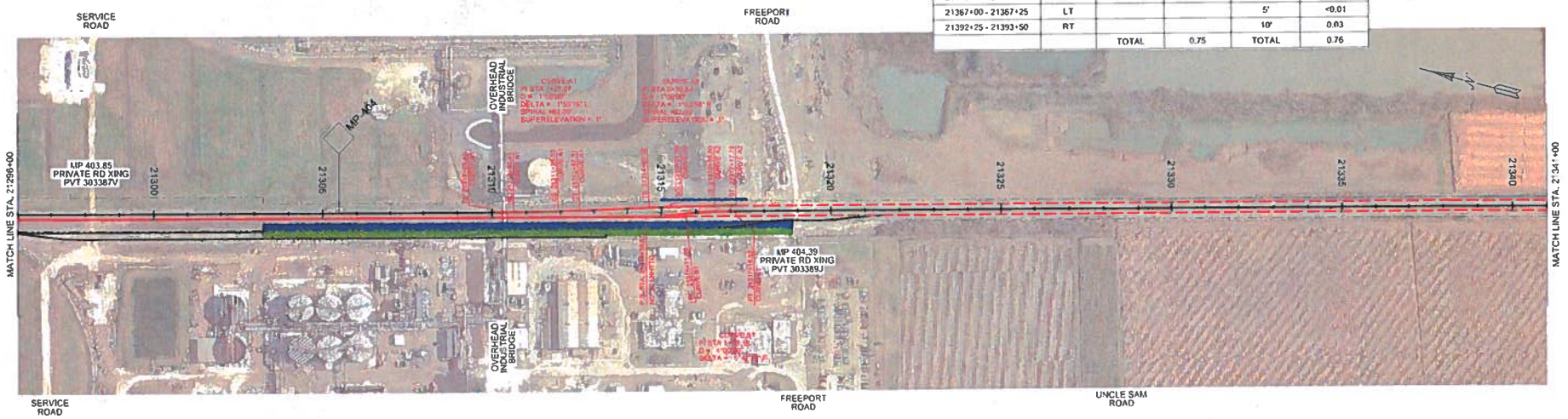
APPROXIMATE R/W ACQUISITION TABLE

STATION RANGE	SIDE	R/W ACQUISITION WIDTH (FT)	R/W ACQUISITION AREA (AC)	TEMP. ESMT. ACQUISITION WIDTH (FT)	TEMP. ESMT. ACQUISITION AREA (AC)
21303+26 - 21318+85	RT	20'	0.72	20'	0.72
21315+00 - 21332+50	LT	5'	0.03		
21367+00 - 21367+25	LT			5'	<0.01
21392+25 - 21393+50	RT			10'	0.03
		TOTAL	0.75	TOTAL	0.76



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ALIGNMENT PLAN

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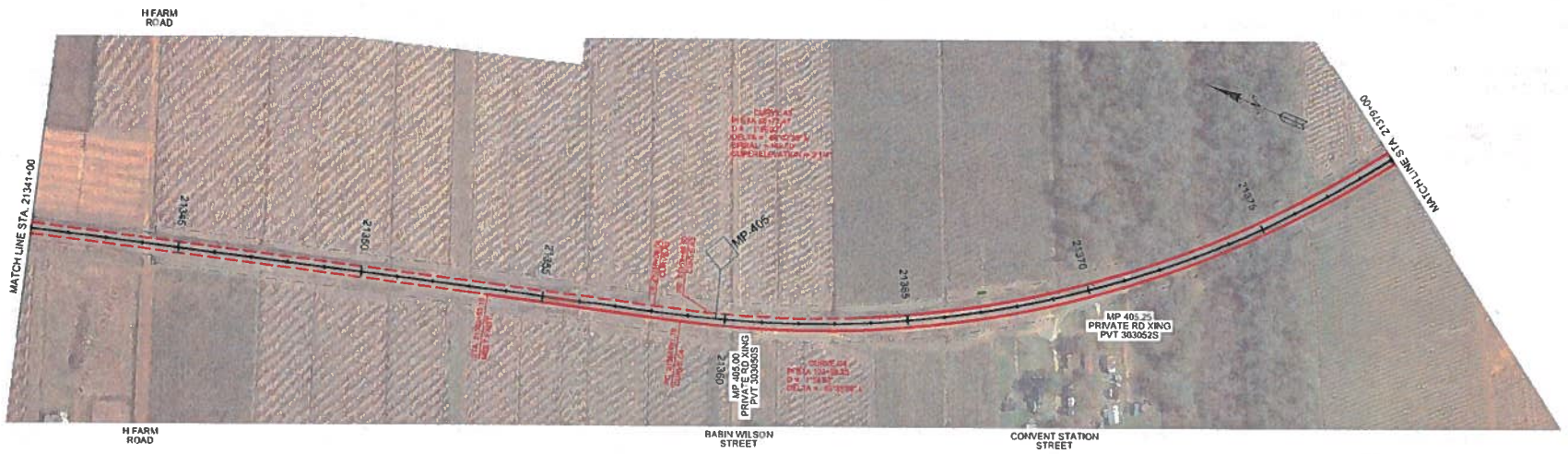

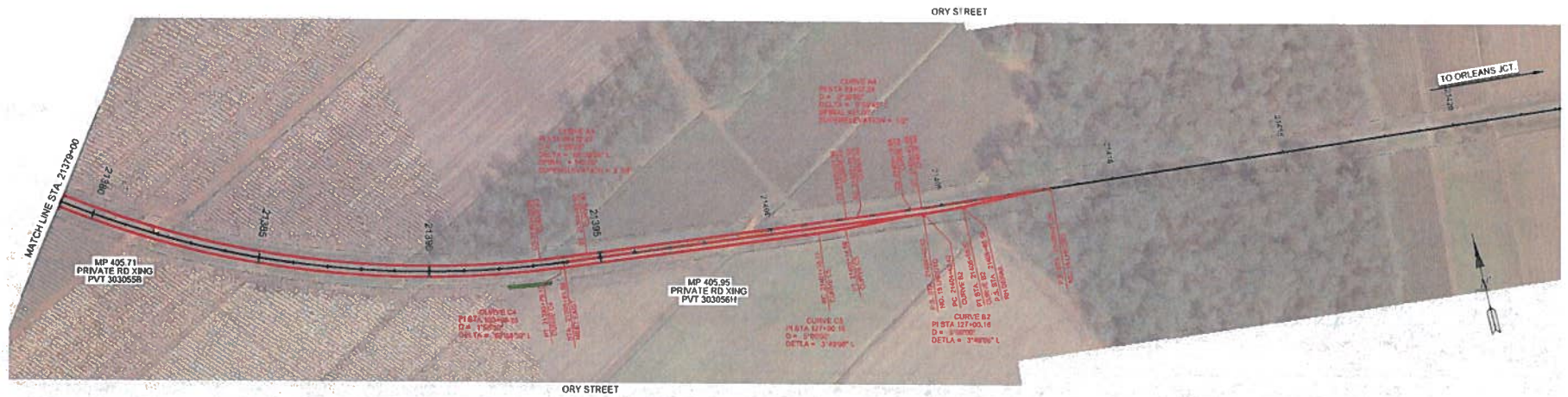

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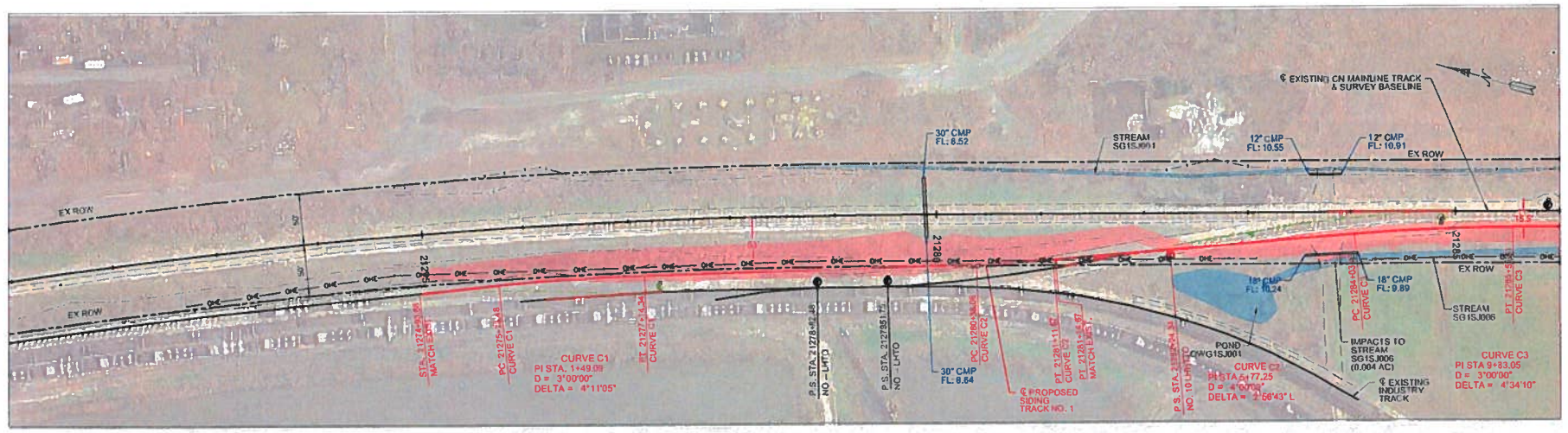

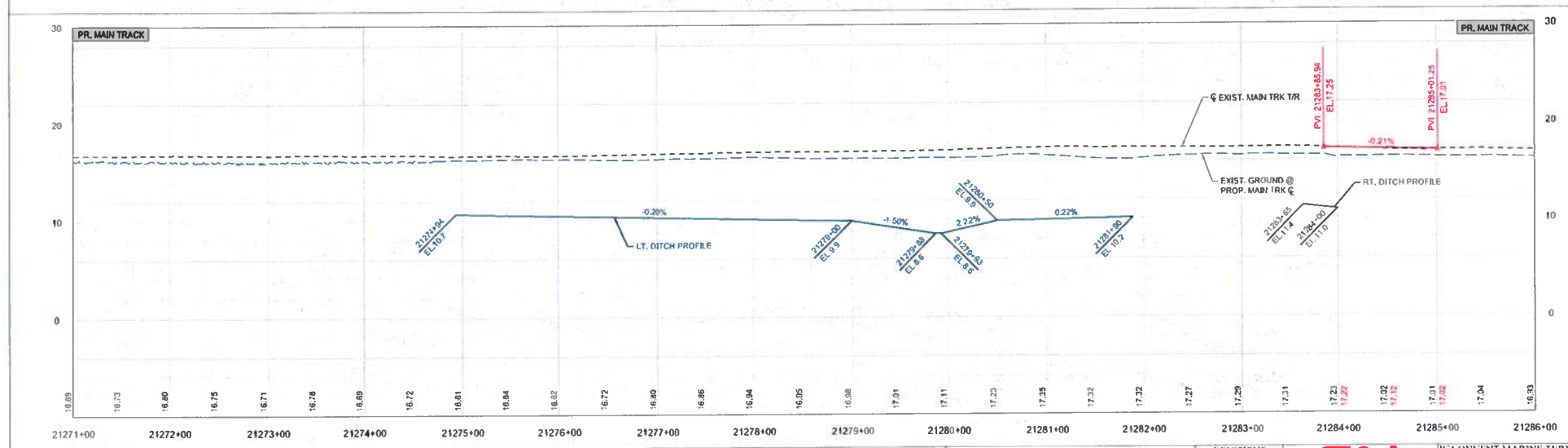

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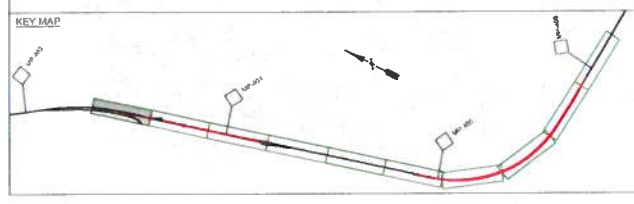

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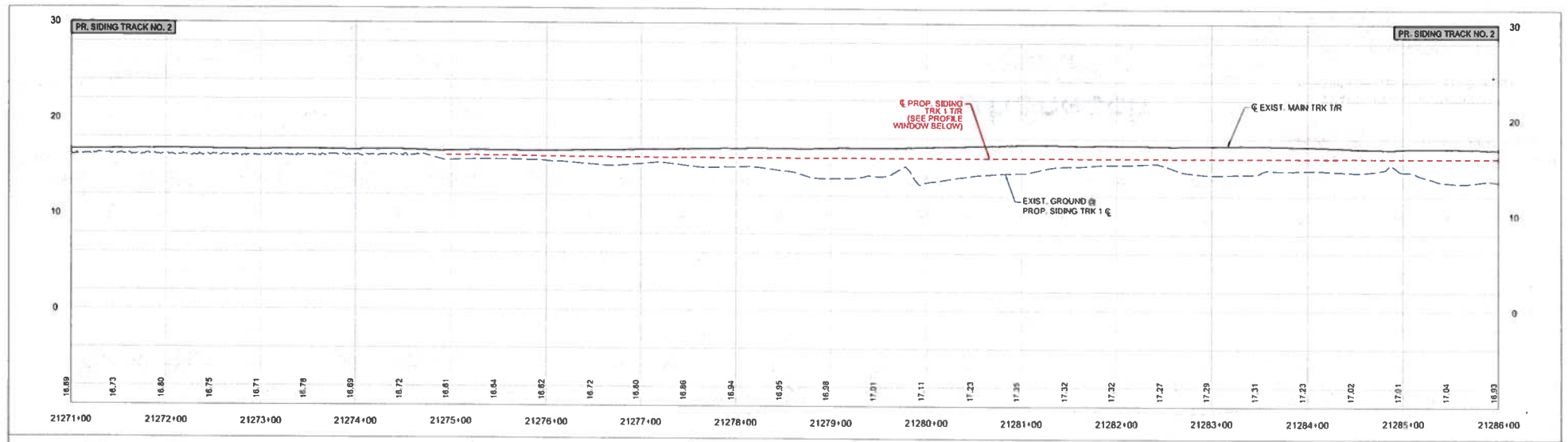

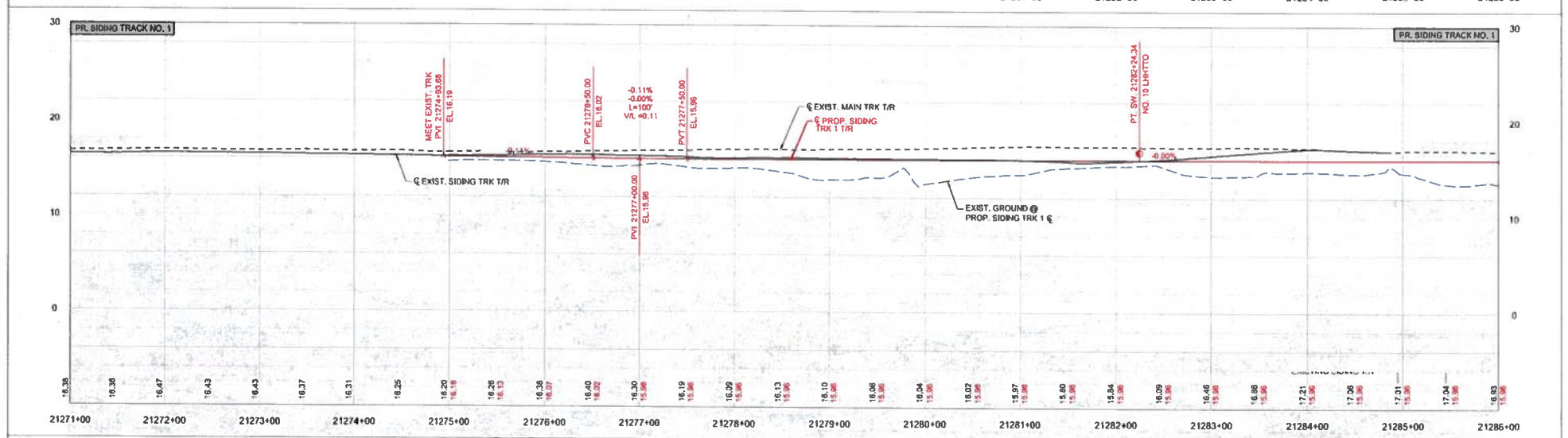

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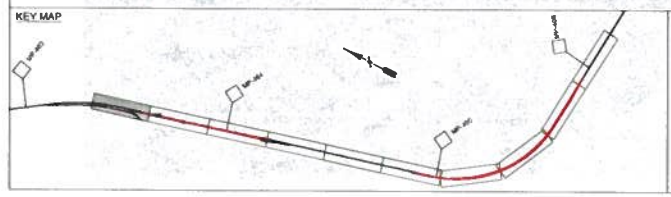

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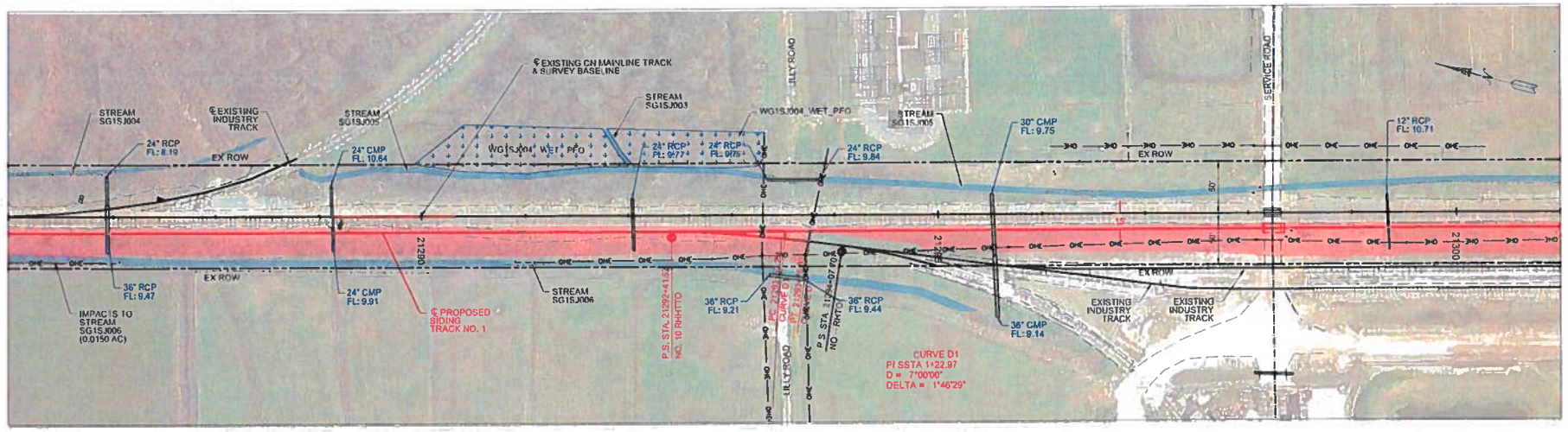

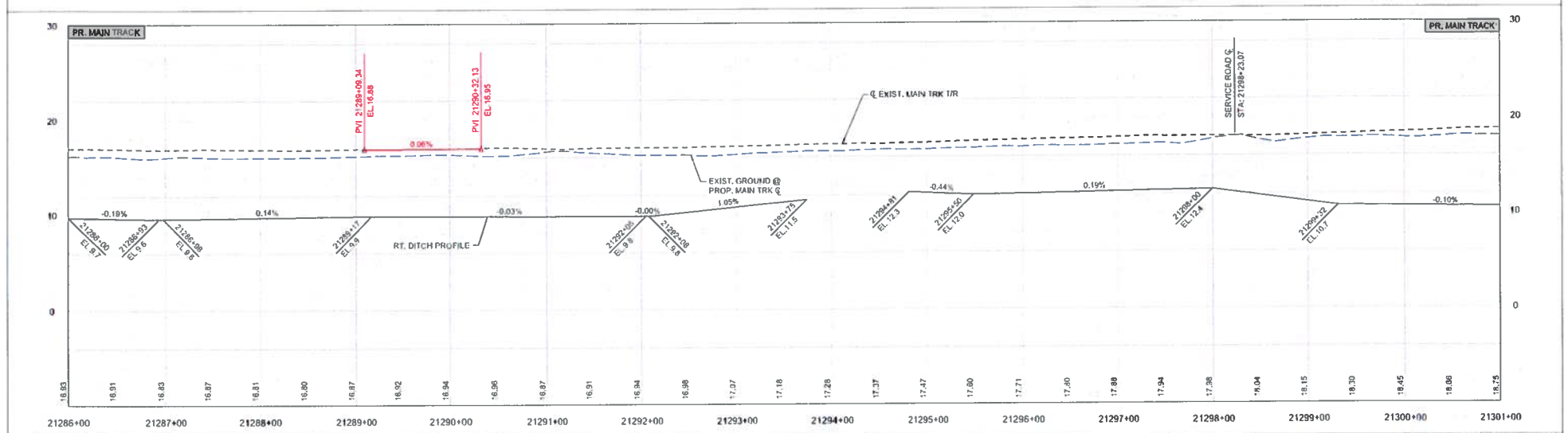

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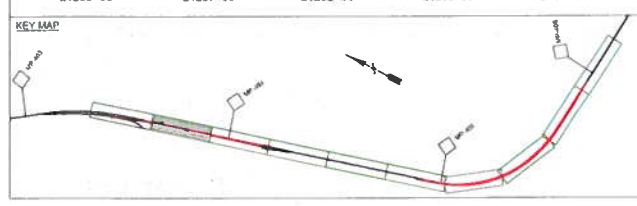

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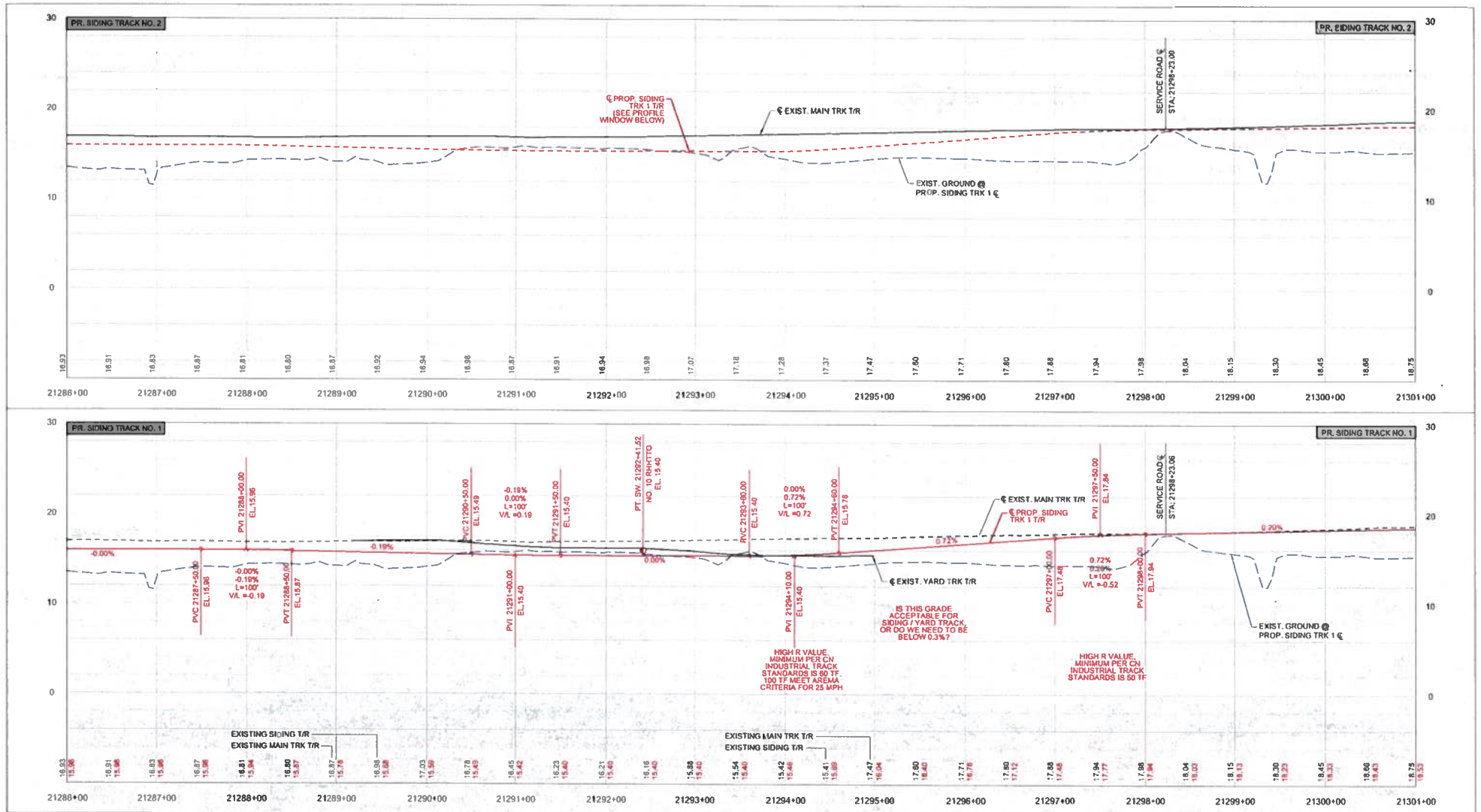

KEY MAP

NOTES:

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BATON ROUGE SUBDIVISION
CONVENT, LA

TRACK PROFILES
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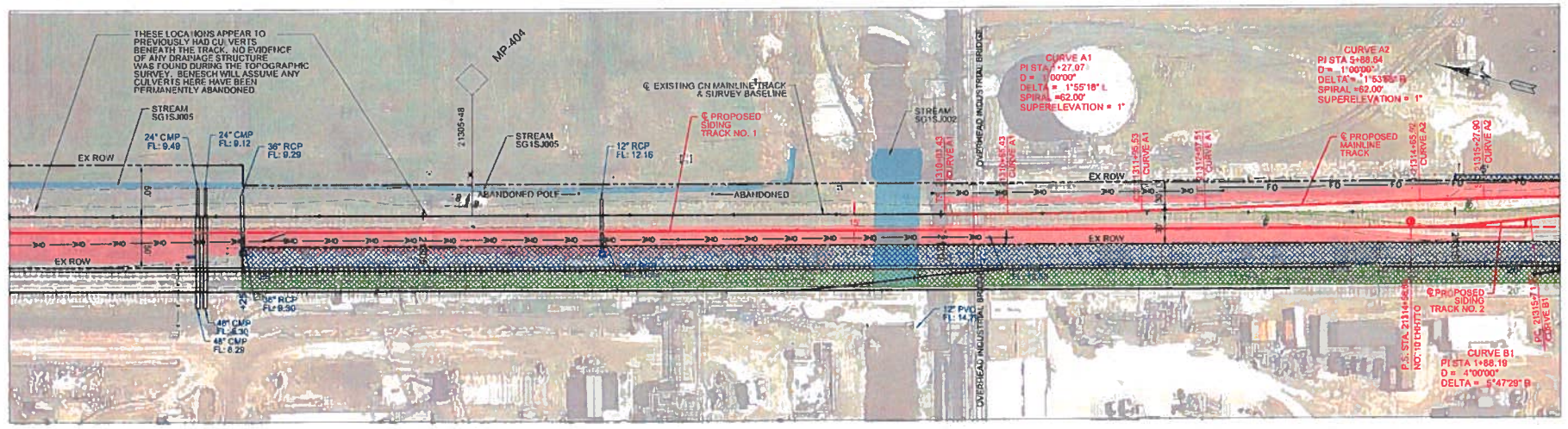

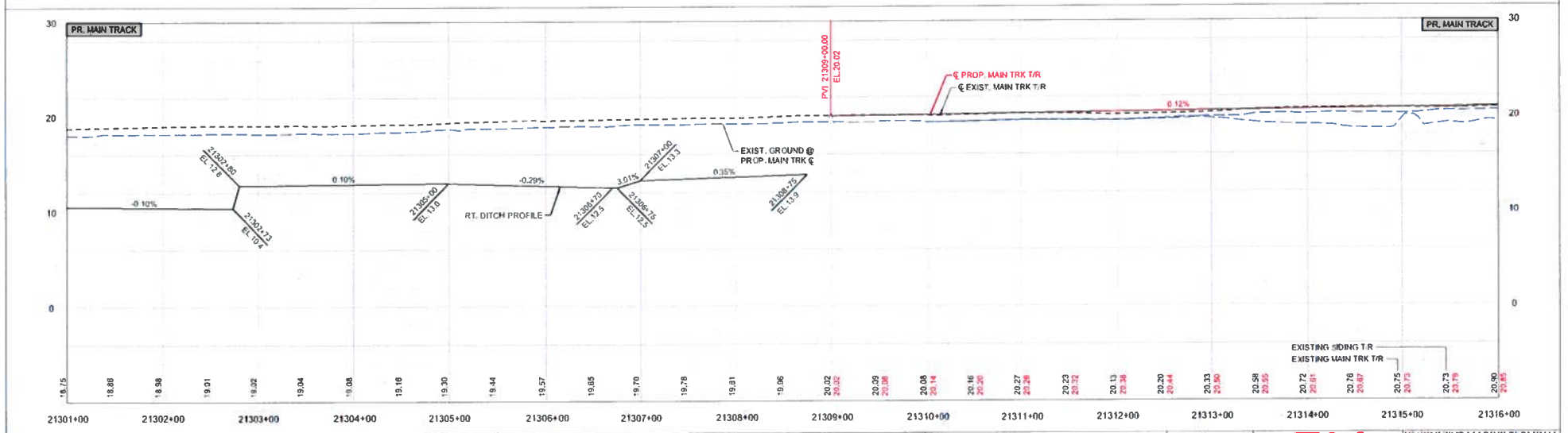

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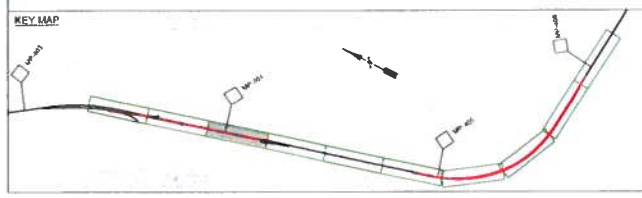

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CONVENT, LA

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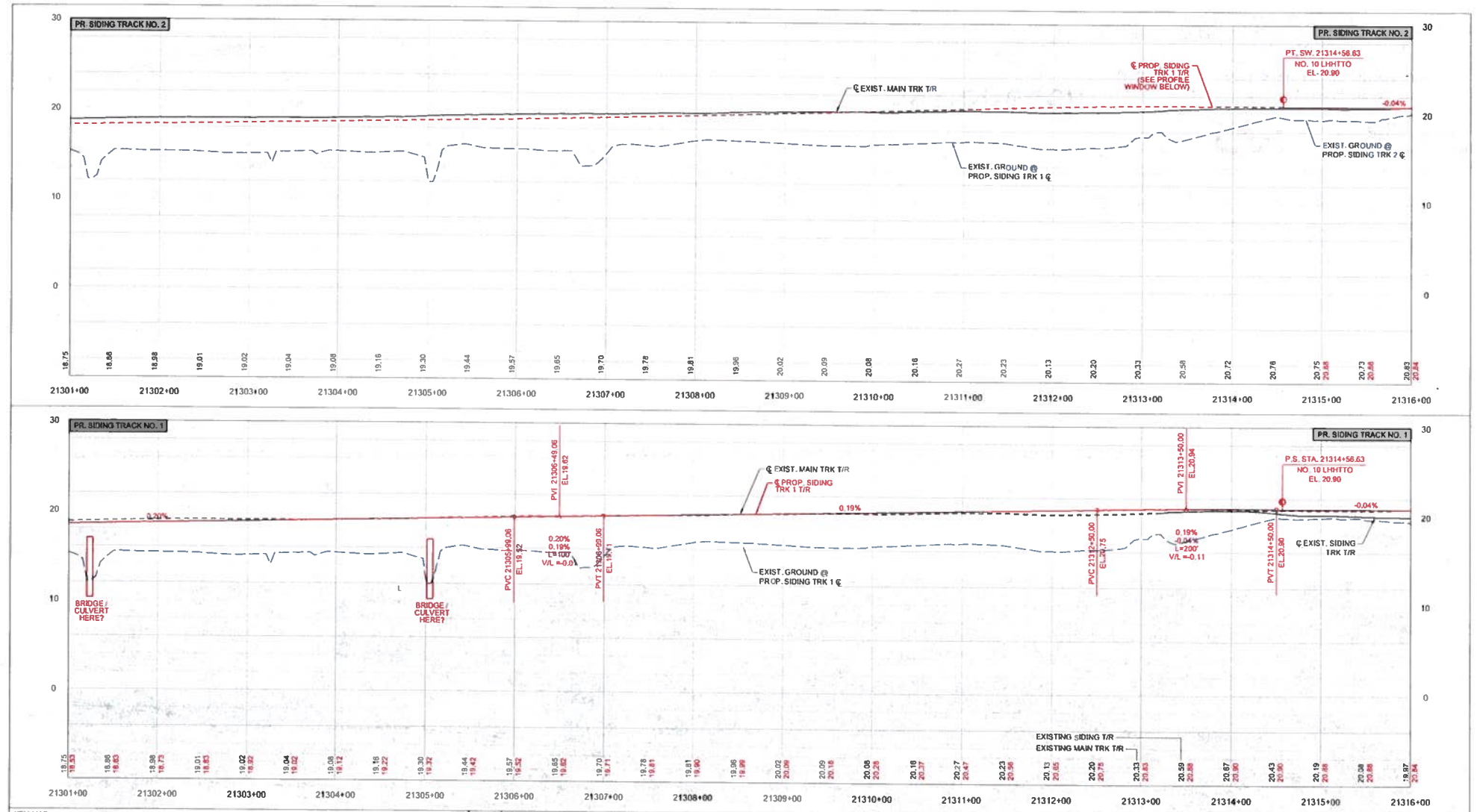

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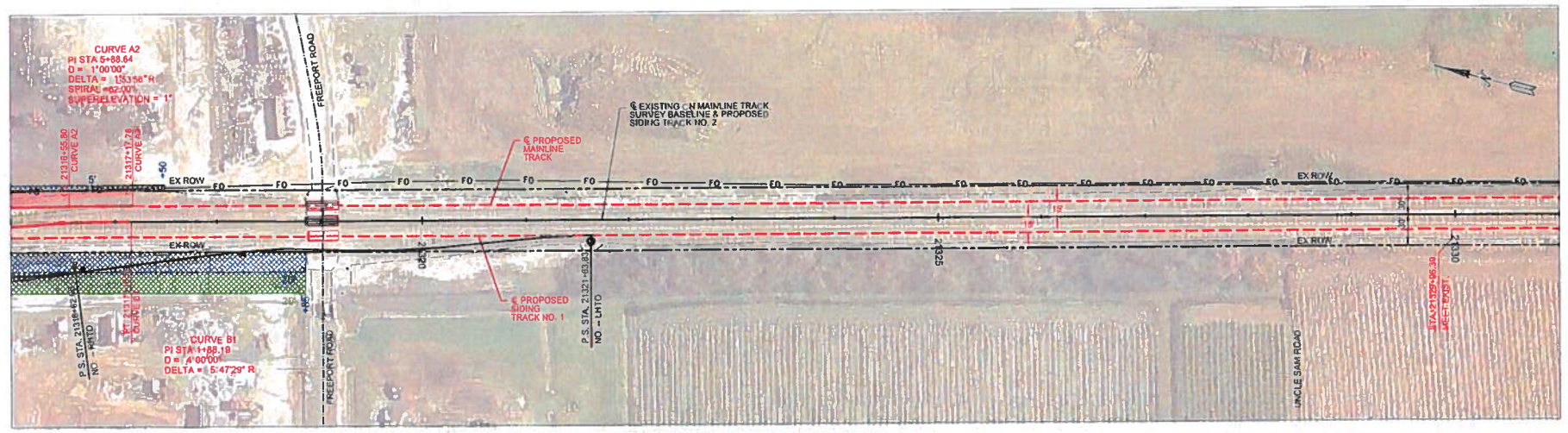

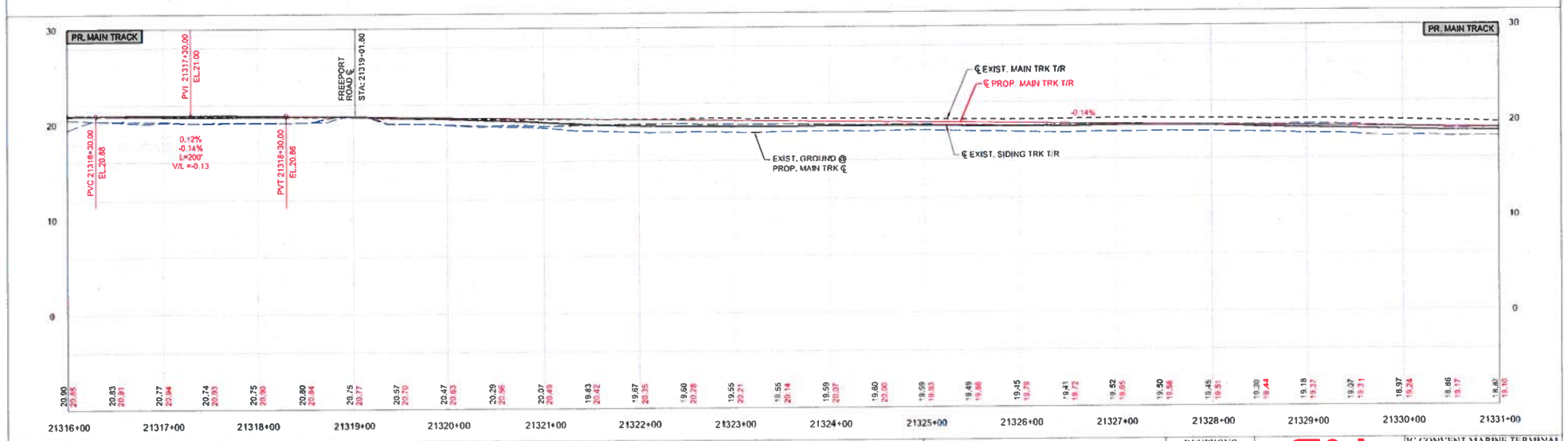

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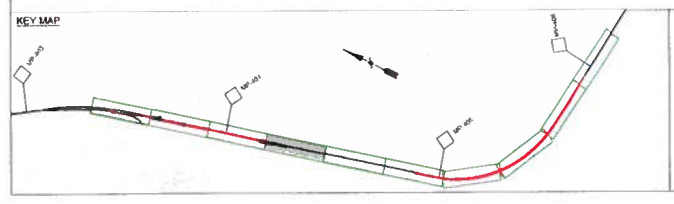

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TRACK PLAN & PROFILE
(21316+00 to STA. 21331+00)

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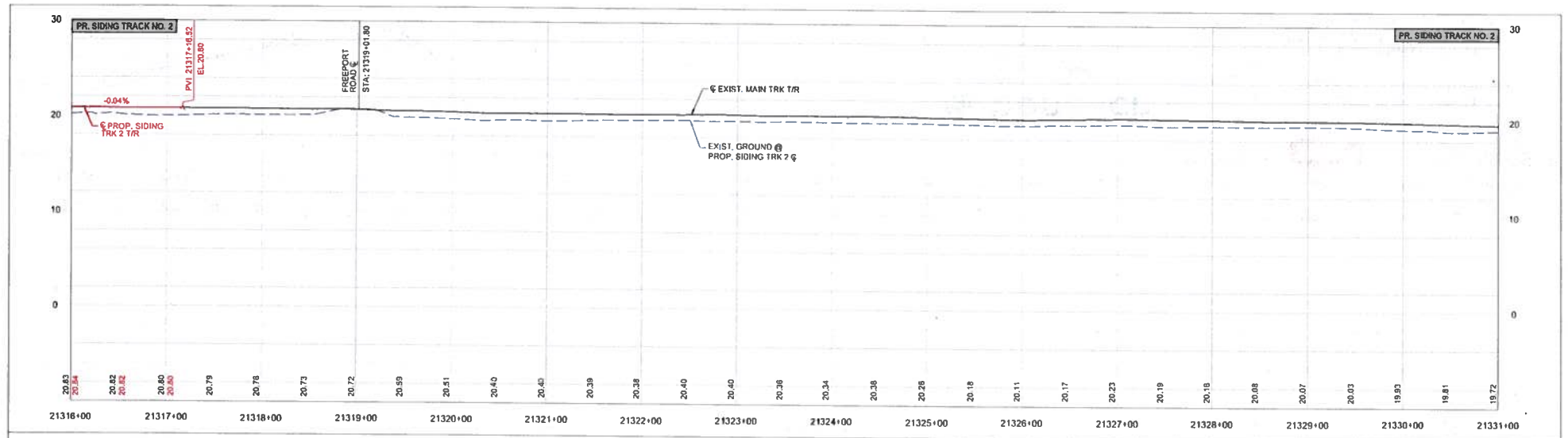

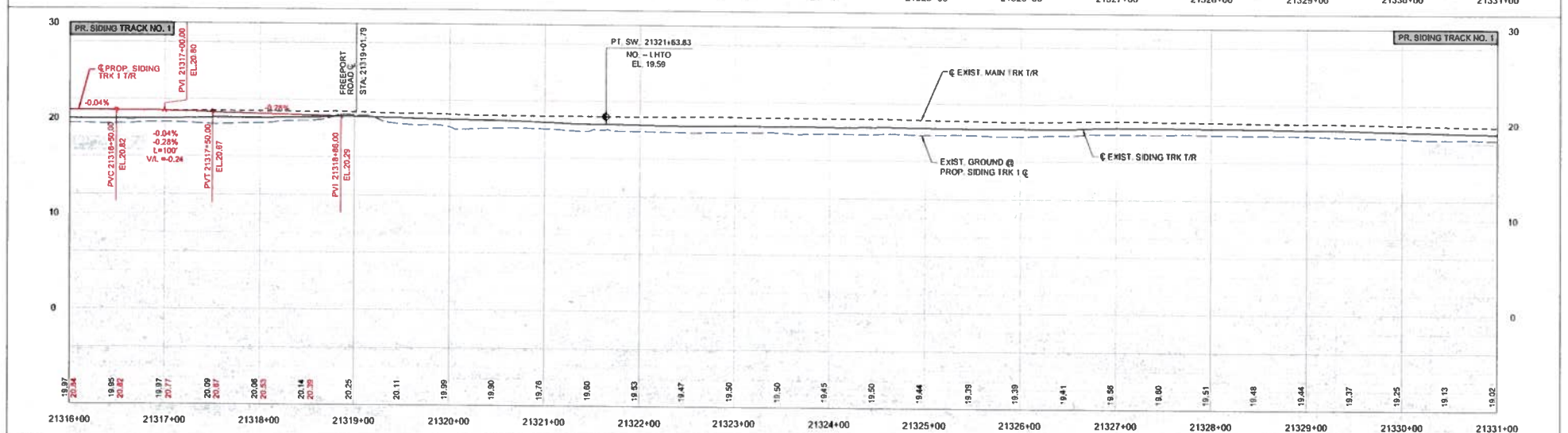

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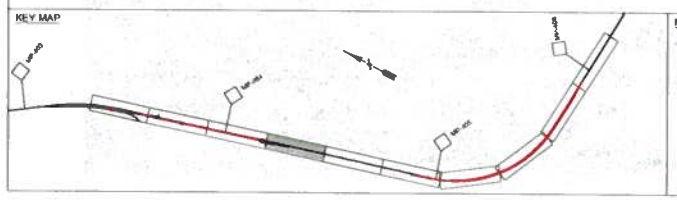

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CONVENT, LA

TRACK PROFILES
(21316+00 to STA. 21331+00)

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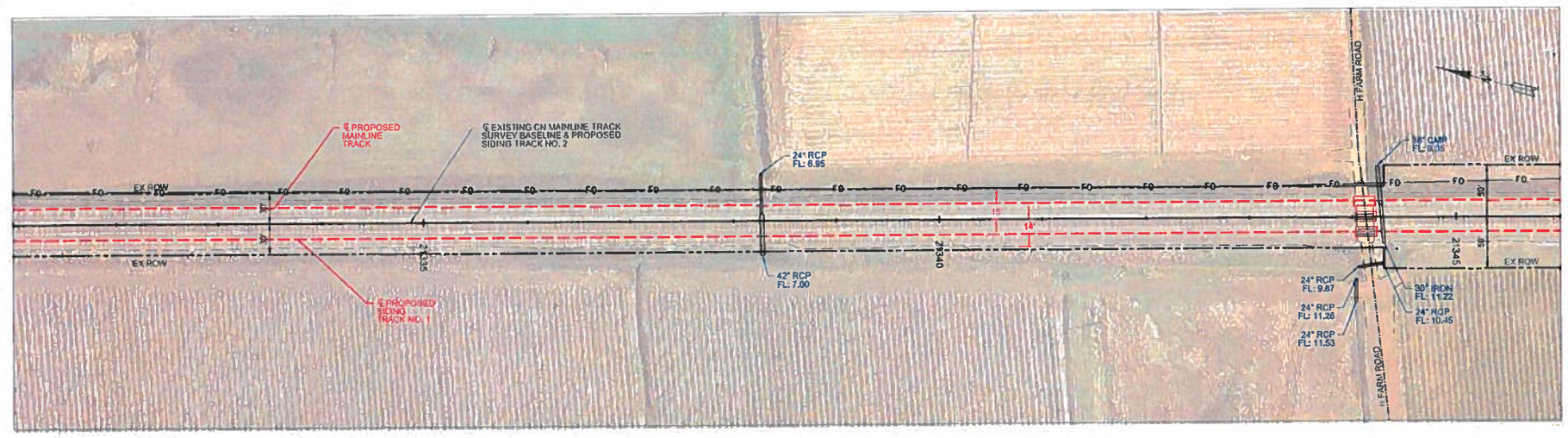

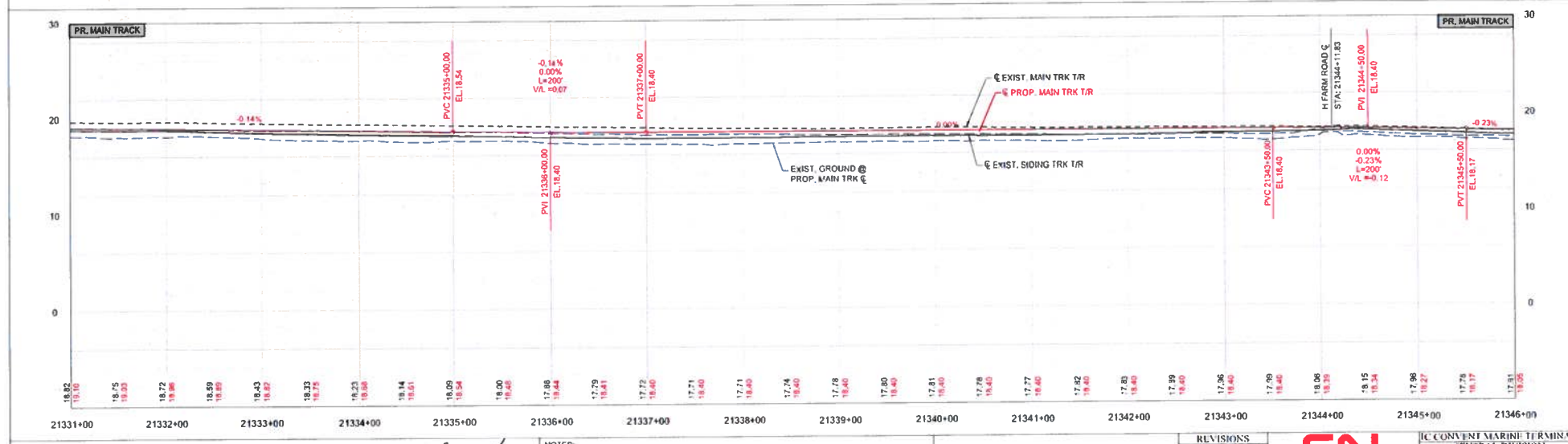

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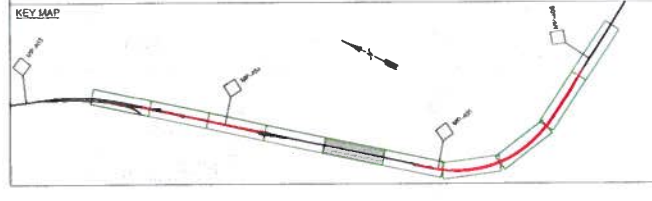

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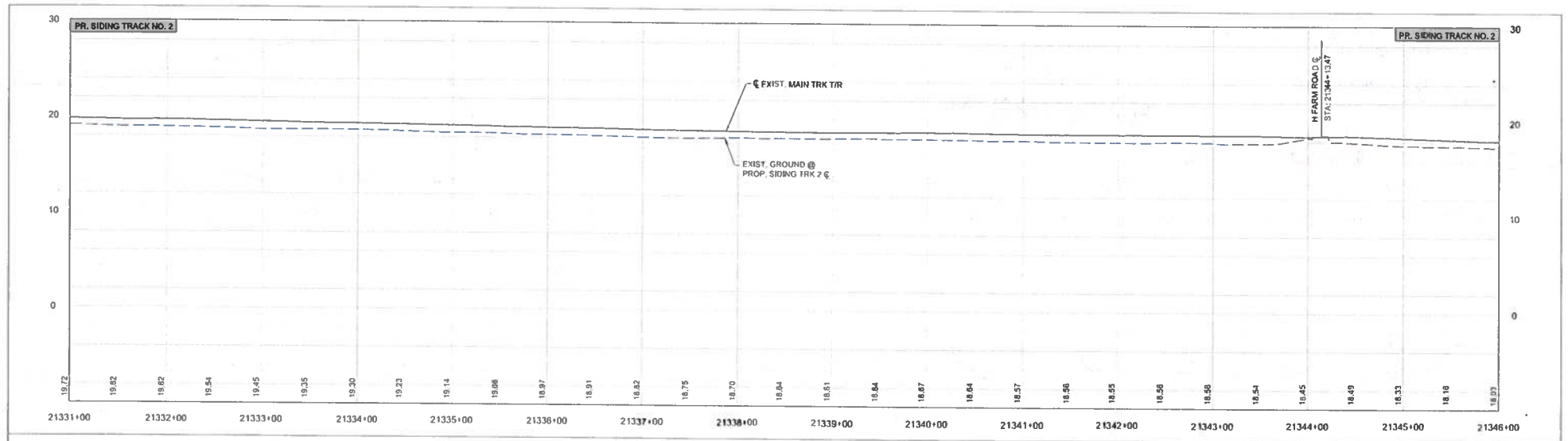

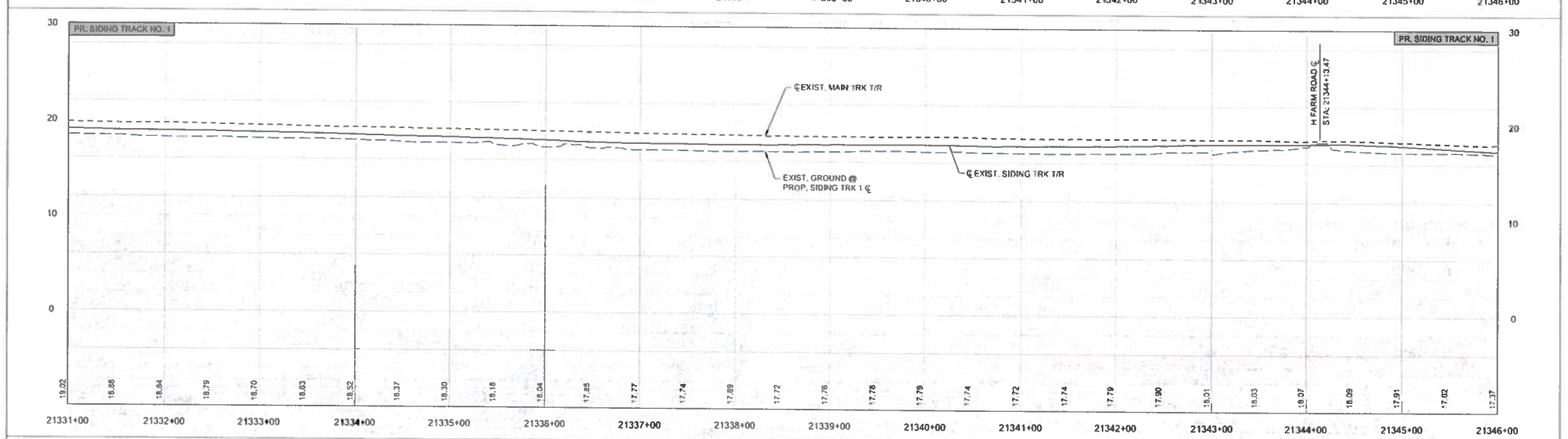

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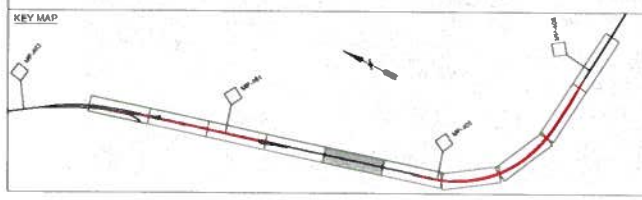

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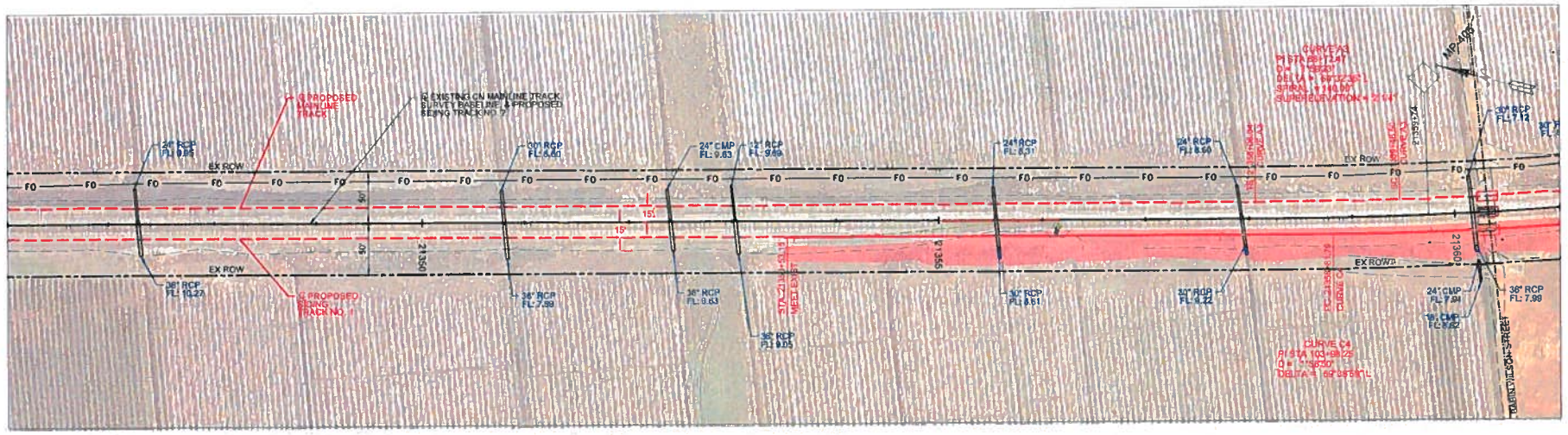

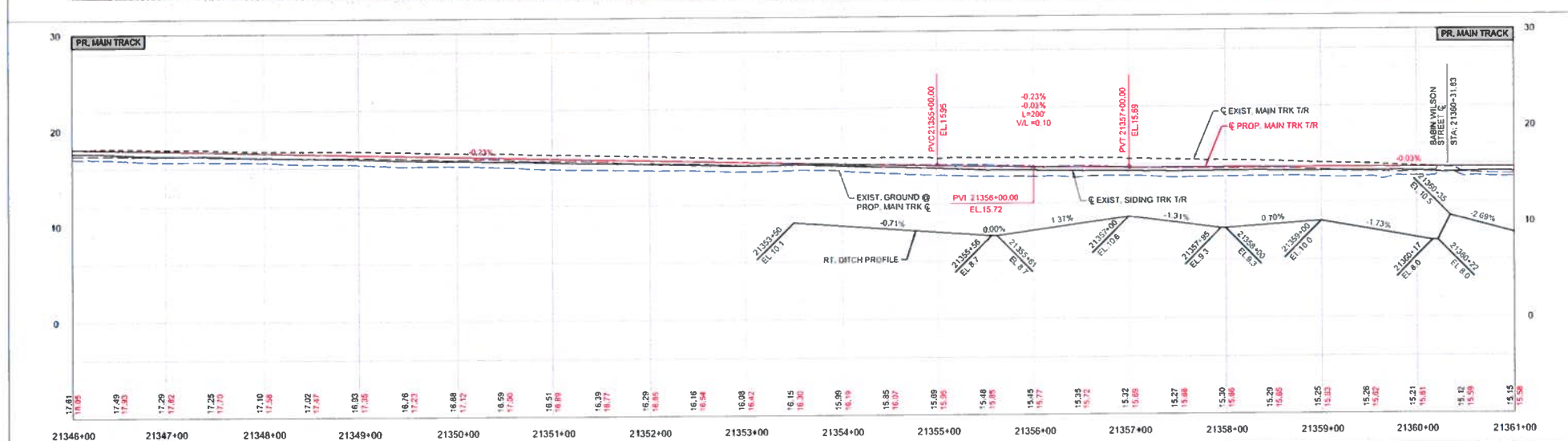

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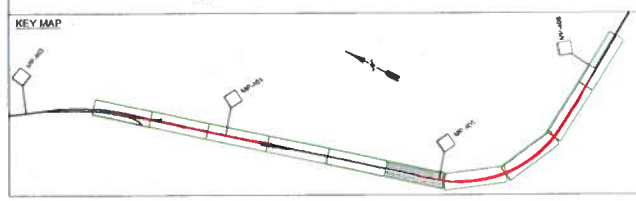

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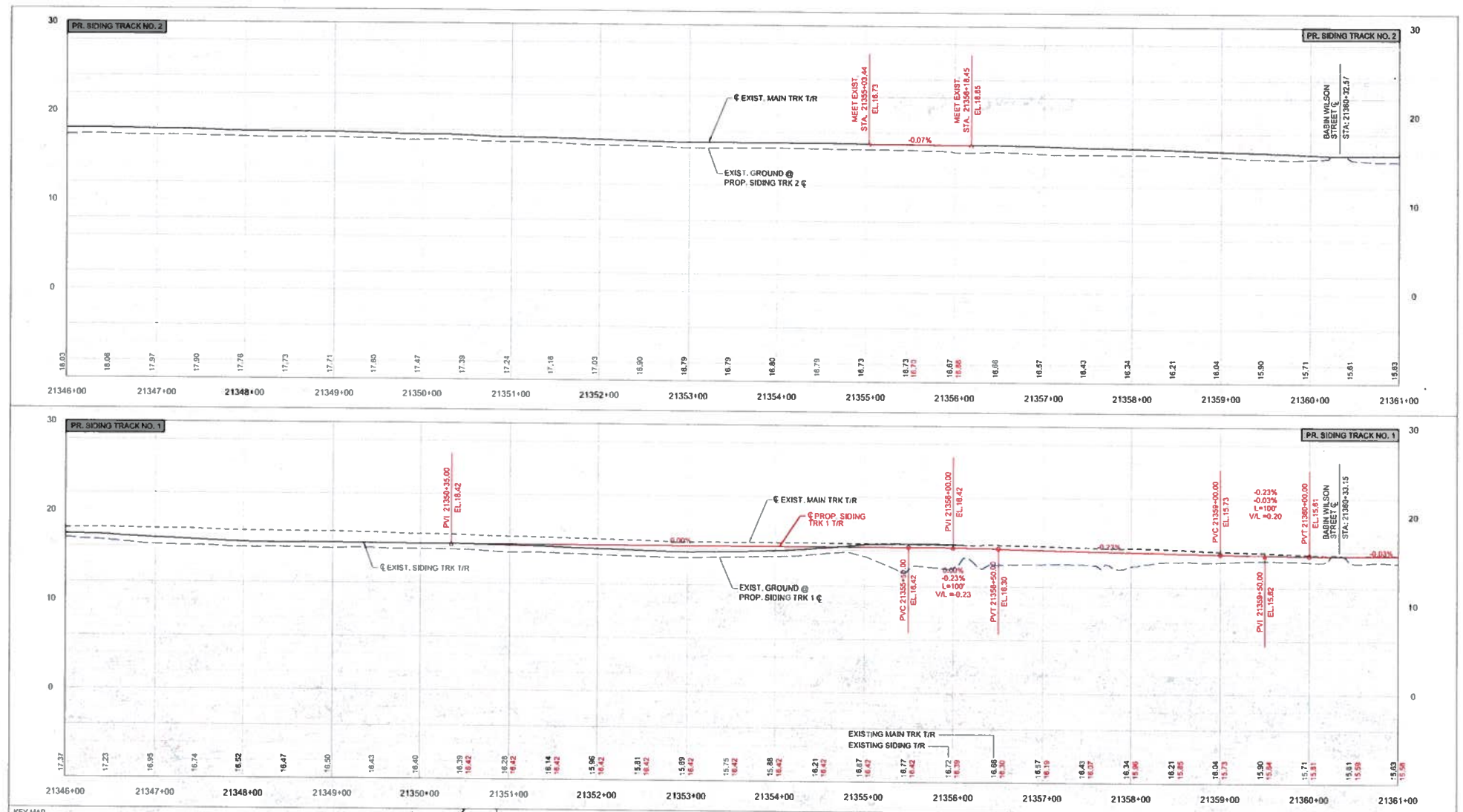

KEY MAP

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CONVENT, LA

TRACK PROFILES
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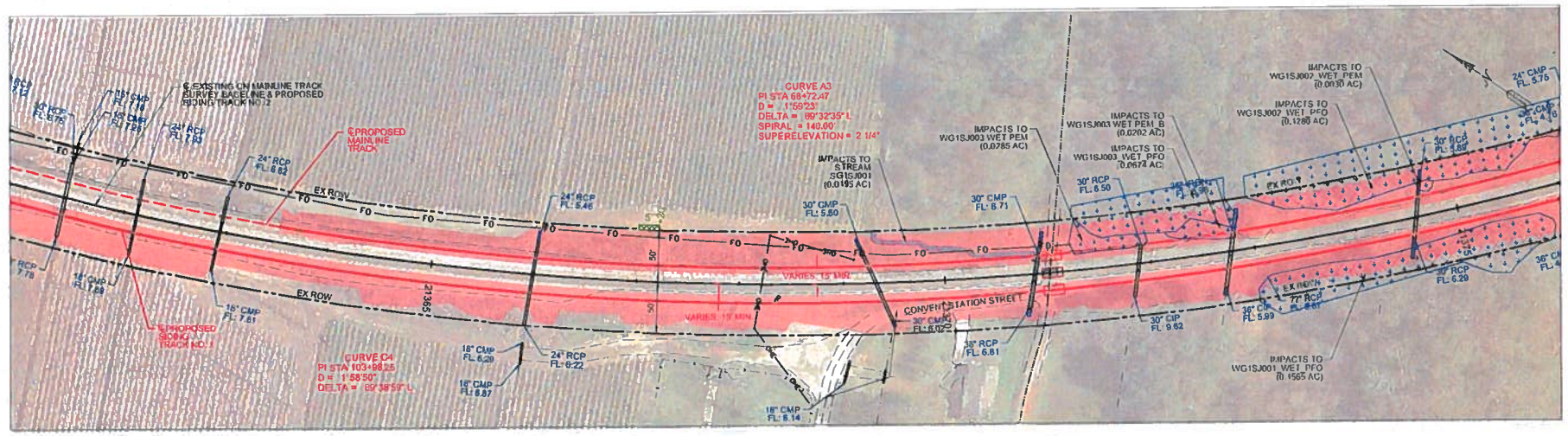

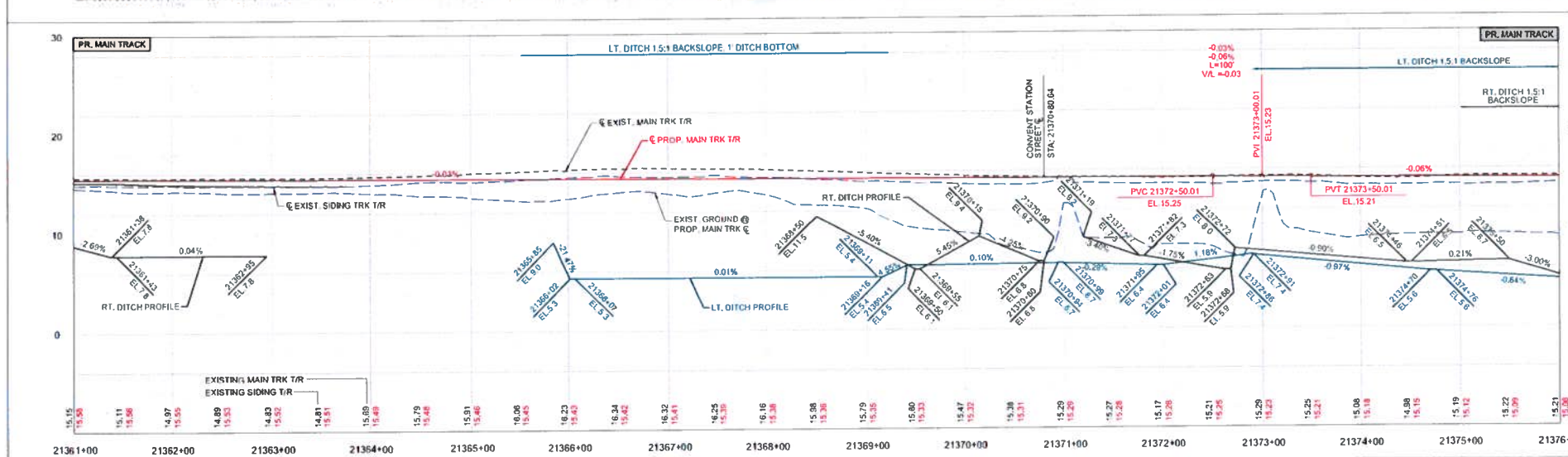

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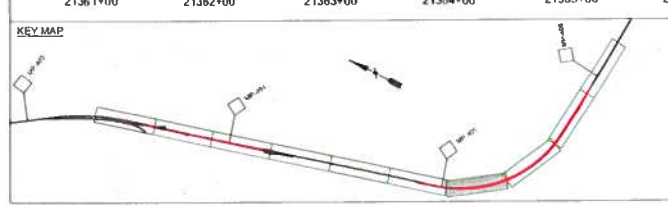

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CONVENT, LA

TRACK PLAN & PROFILE
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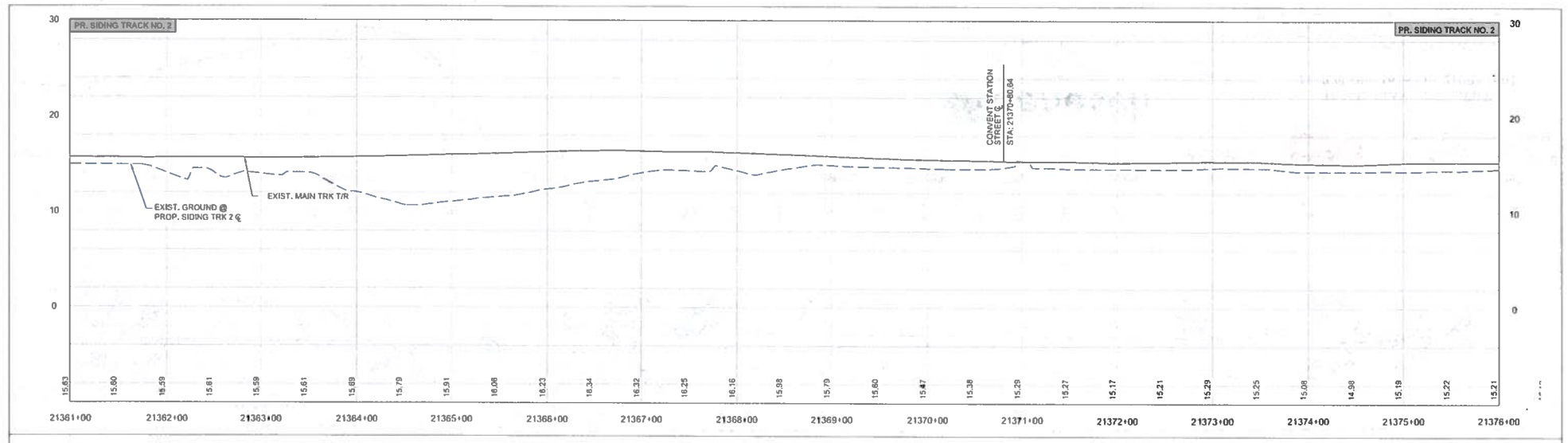

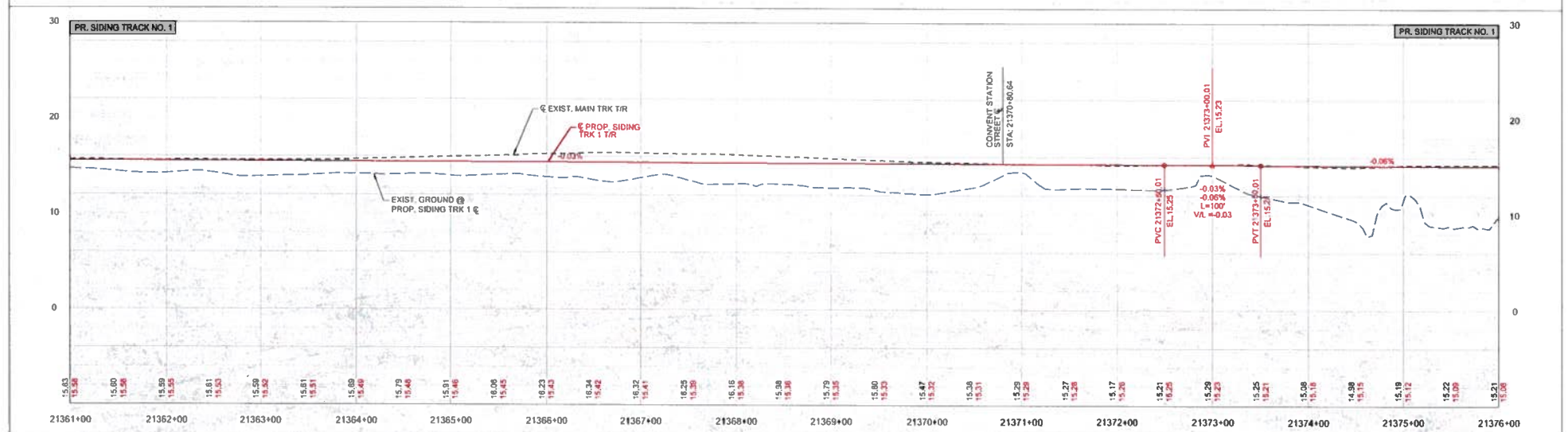

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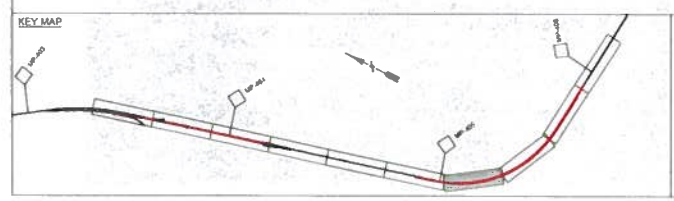

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CONVENT, LA

TRACK PROFILES
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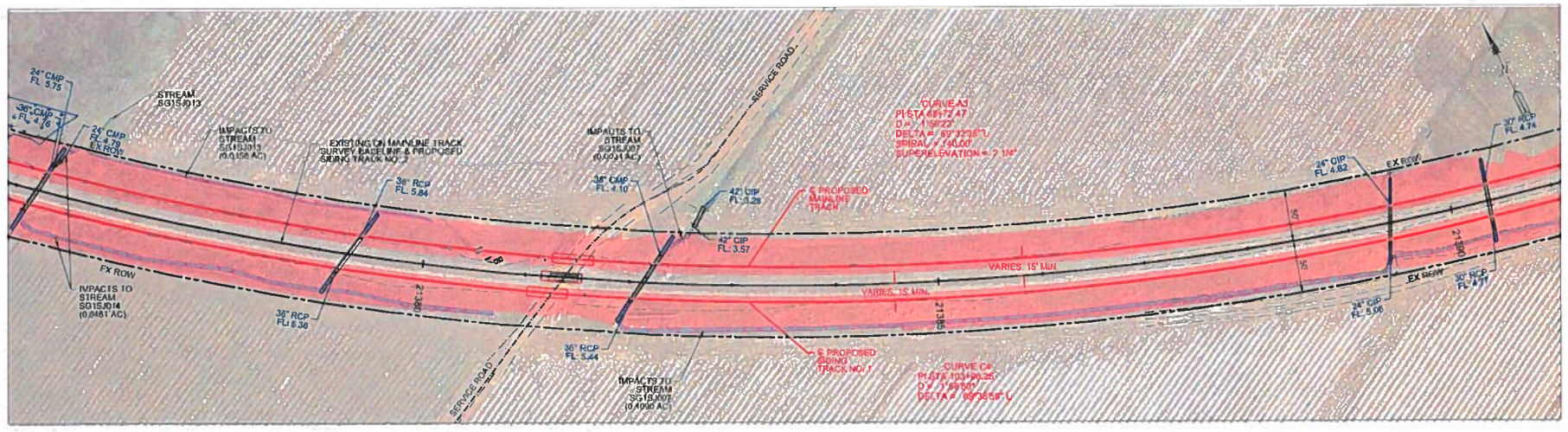

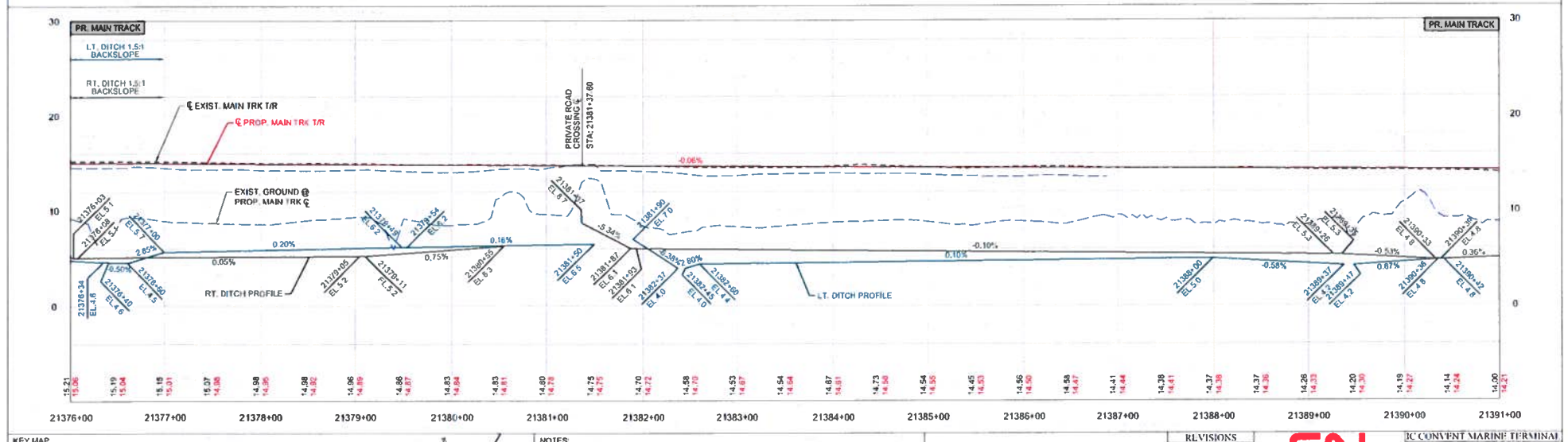

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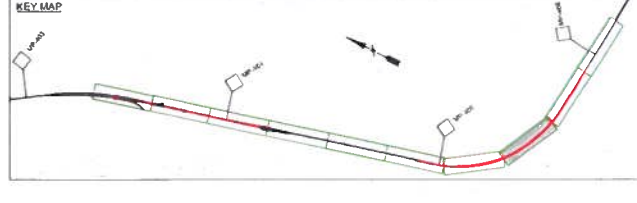

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CN SOUTHERN REGION

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BATON ROUGE SUBDIVISION
CONVENT, LA

TRACK PLAN & PROFILE
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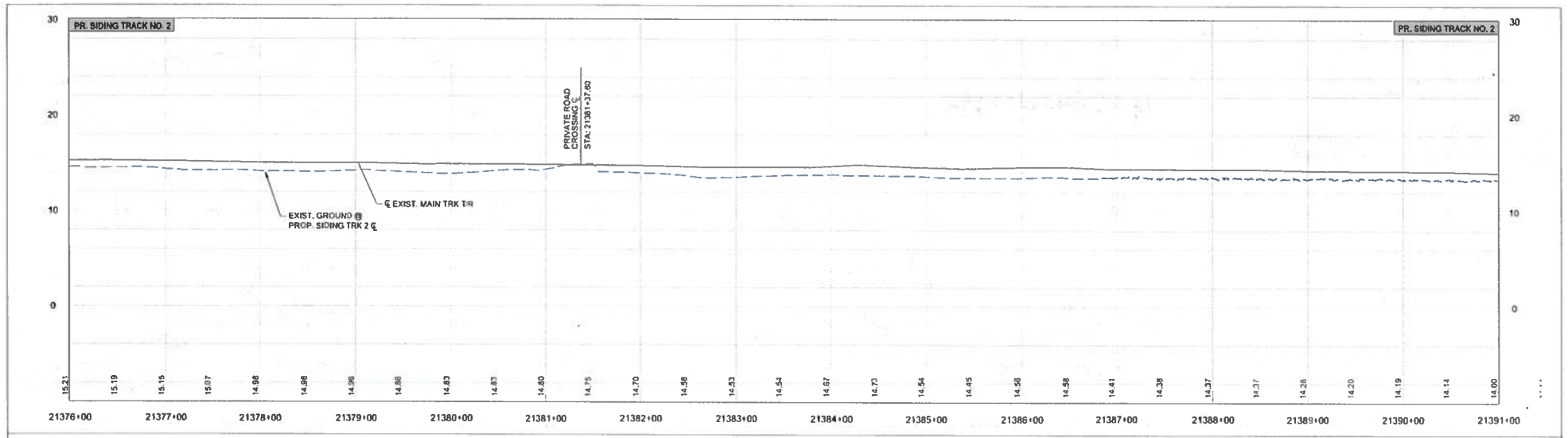

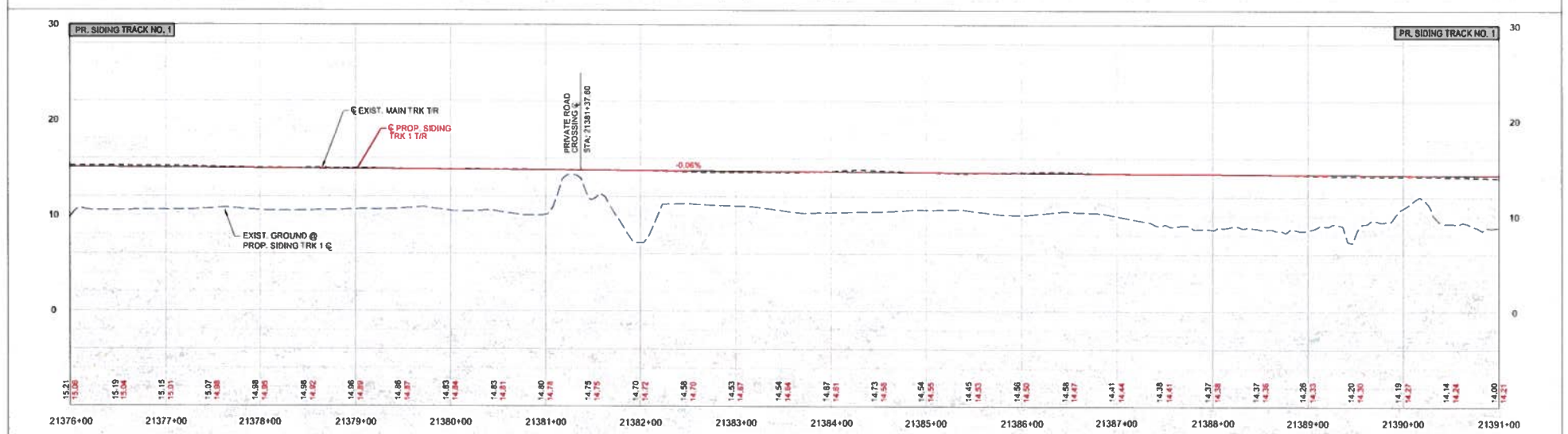

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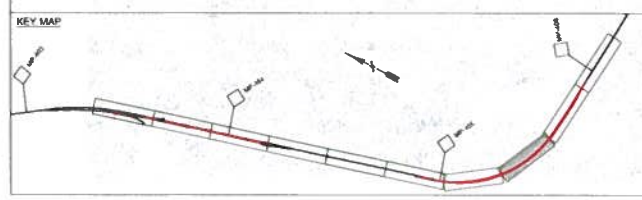

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TRACK PROFILES
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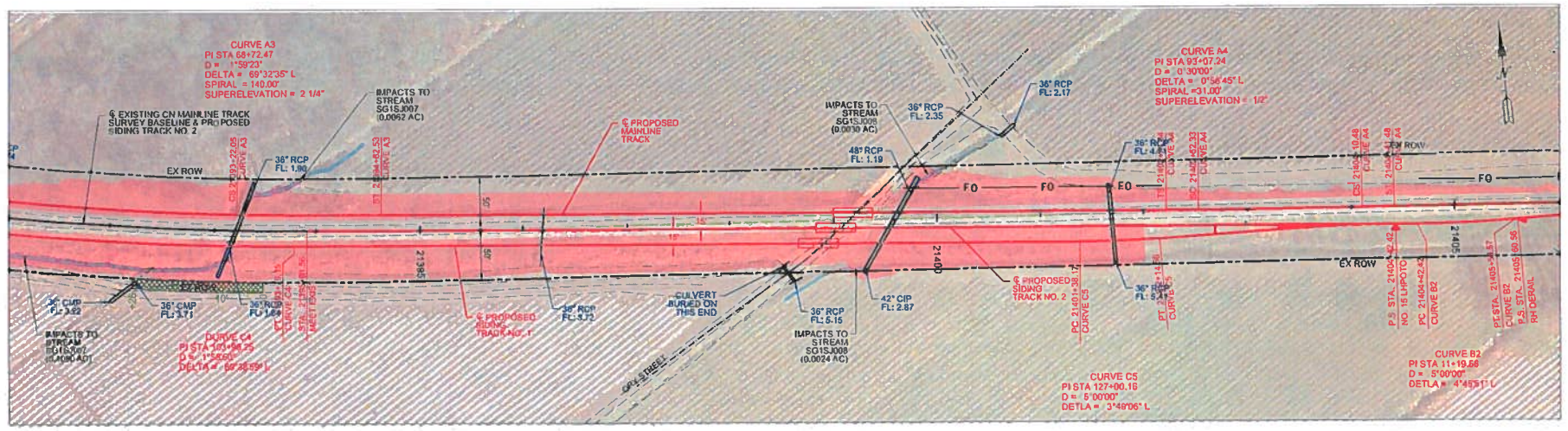

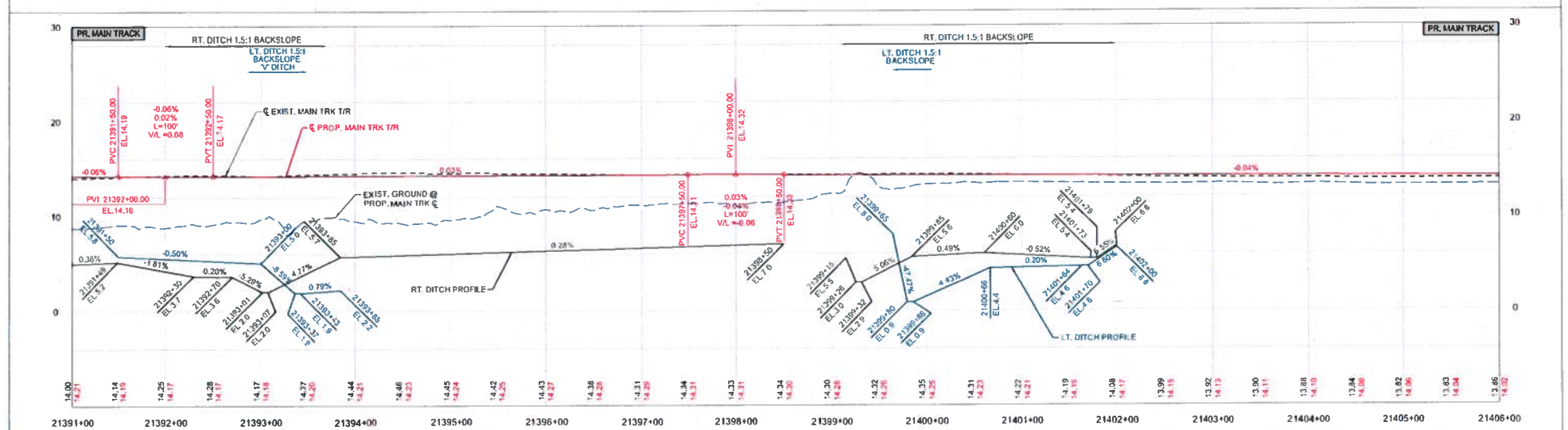

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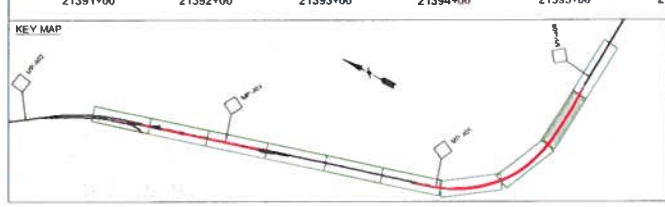

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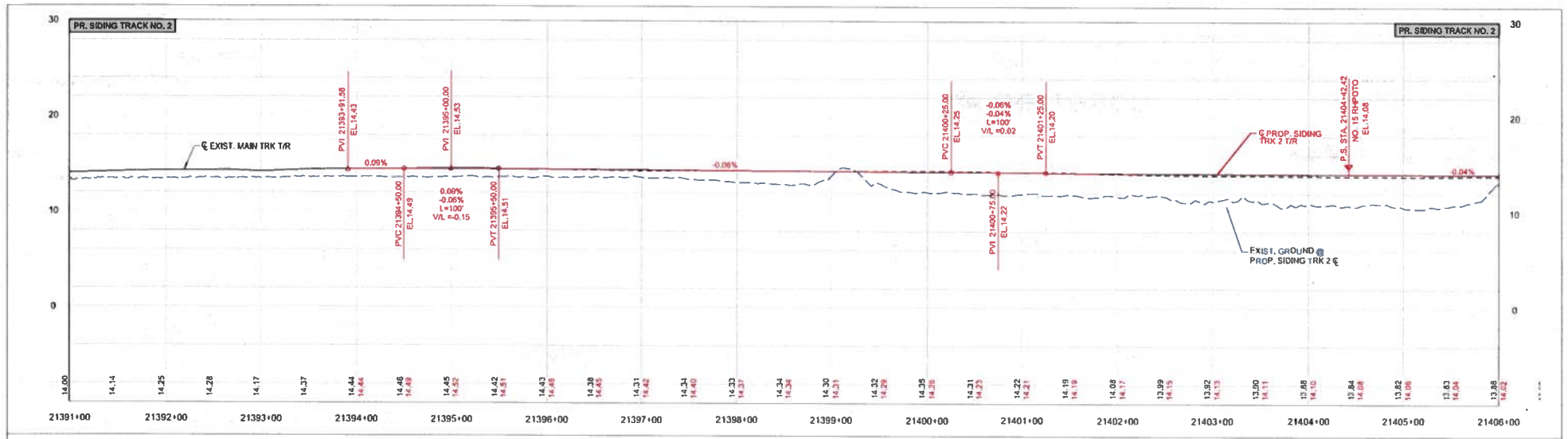

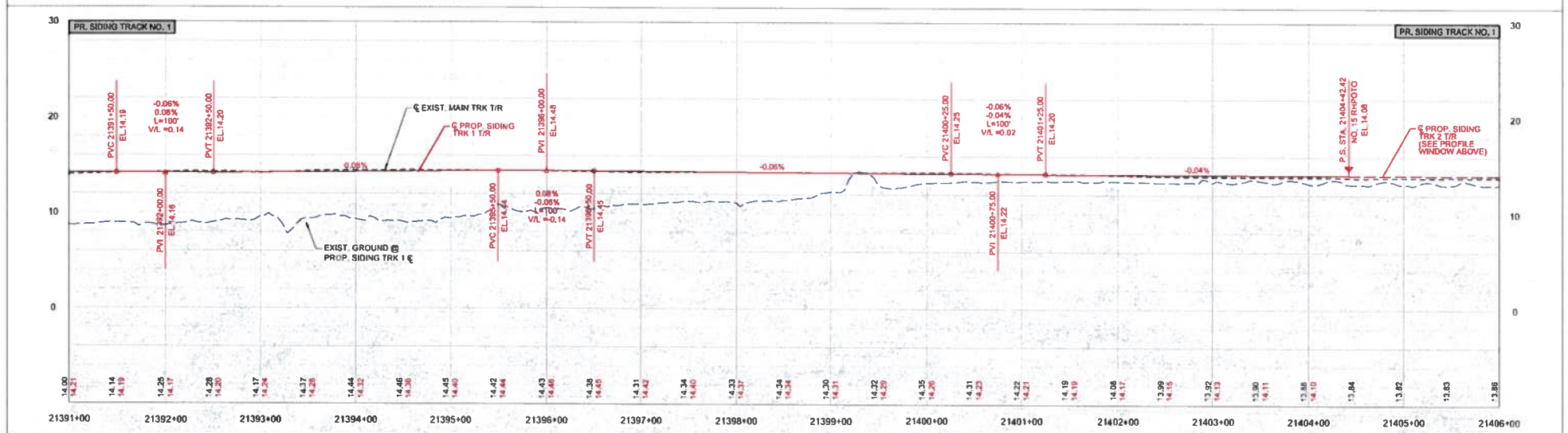

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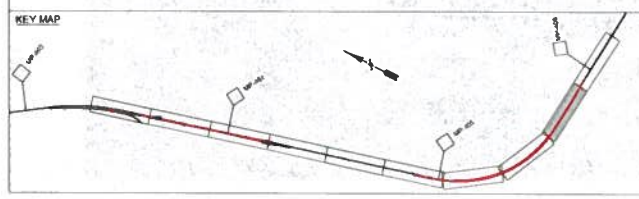

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CN SOUTHERN REGION

IC CONVENT MARINE TERMINAL
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CONVENT, LA

TRACK PROFILES
(21391+00 to STA. 21406+00

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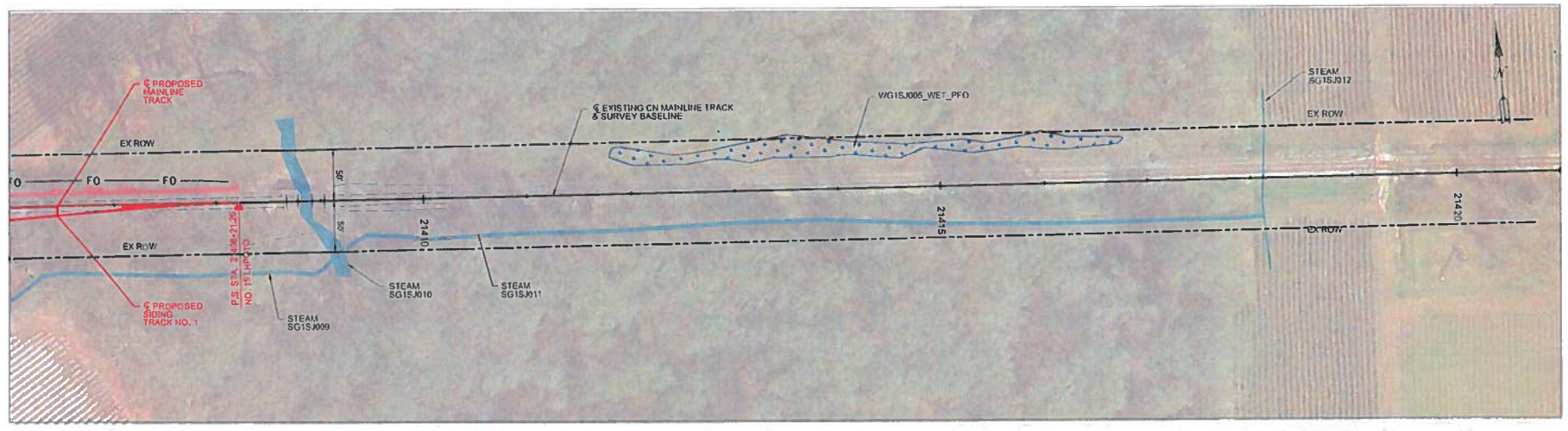

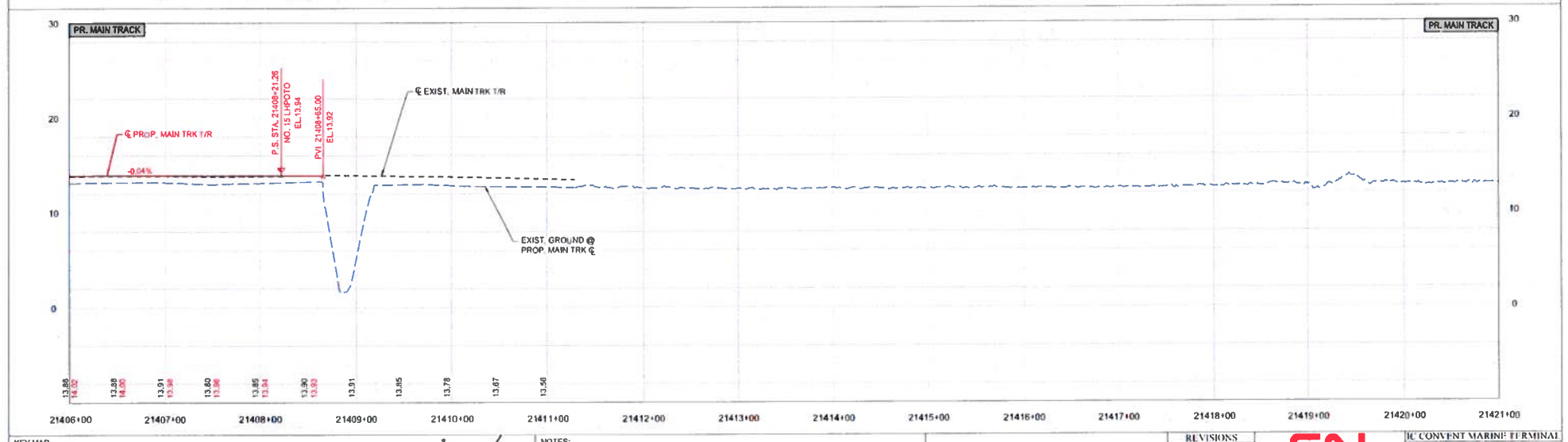

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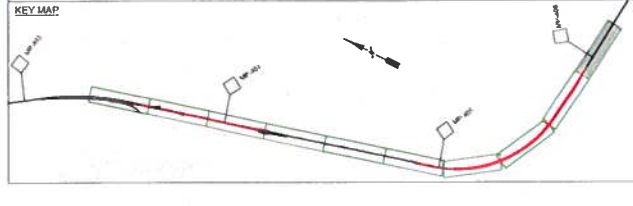

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CONVENT, LA

TRACK PLAN & PROFILE
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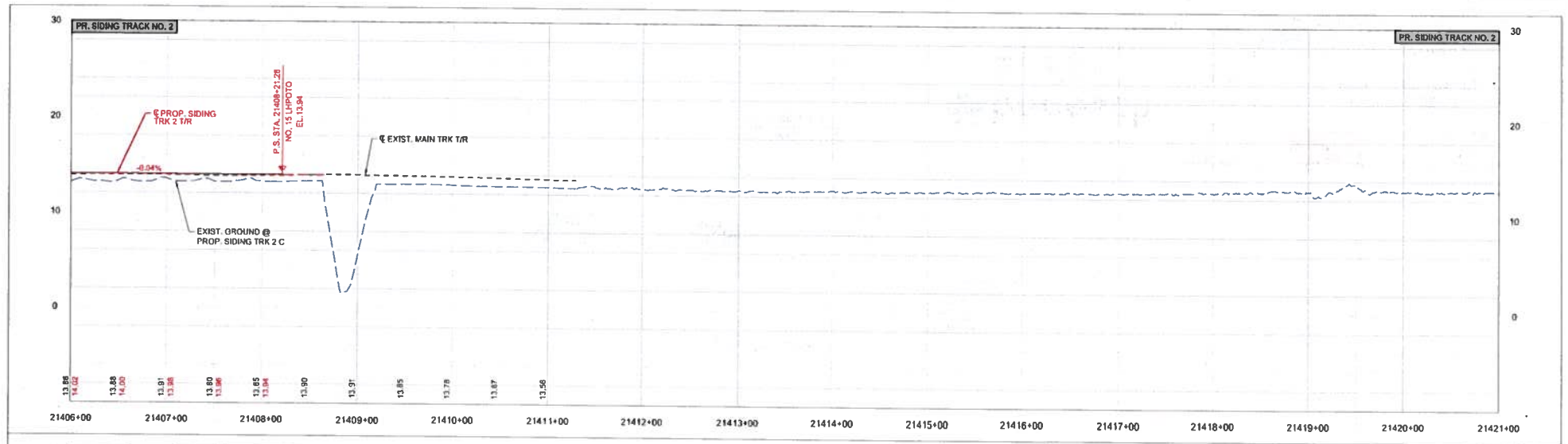

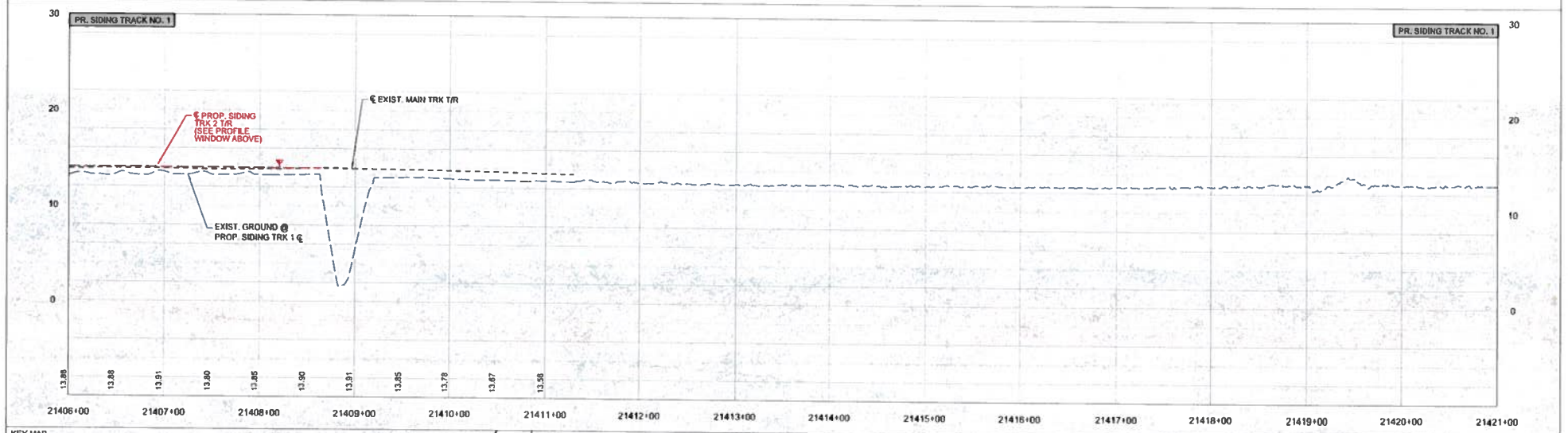

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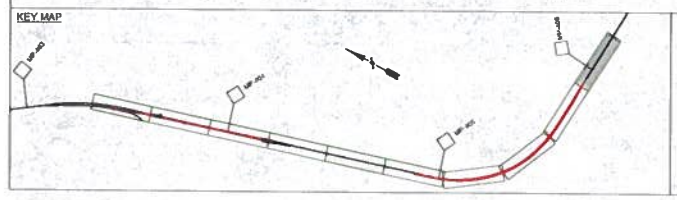

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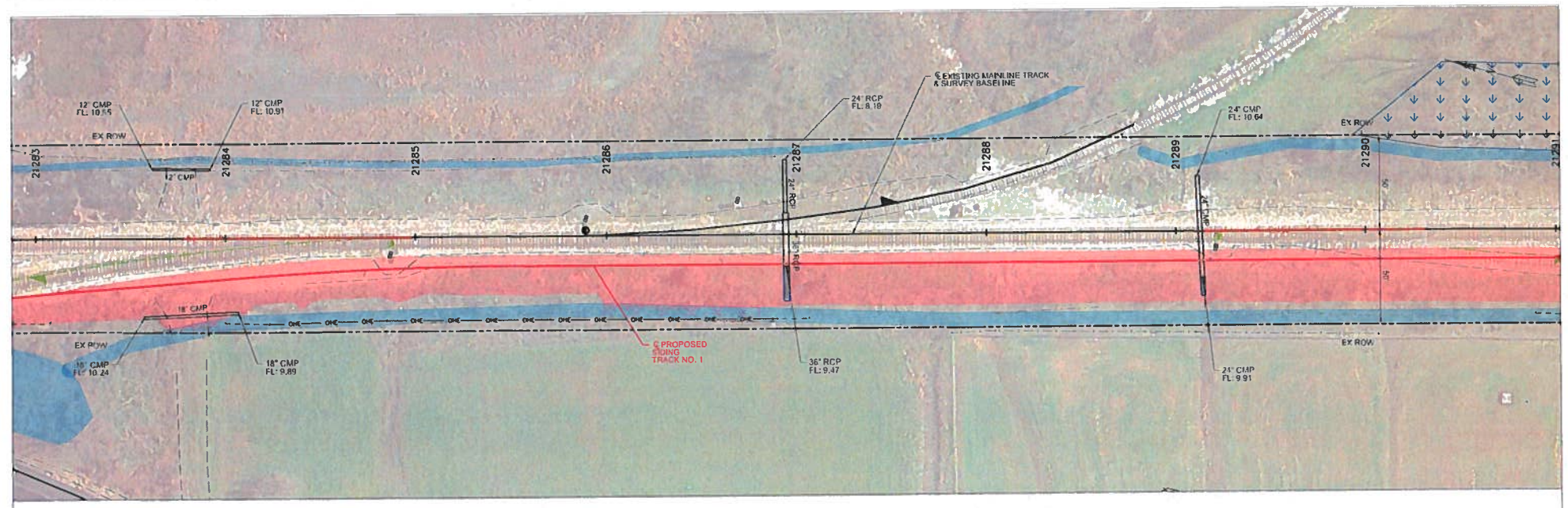

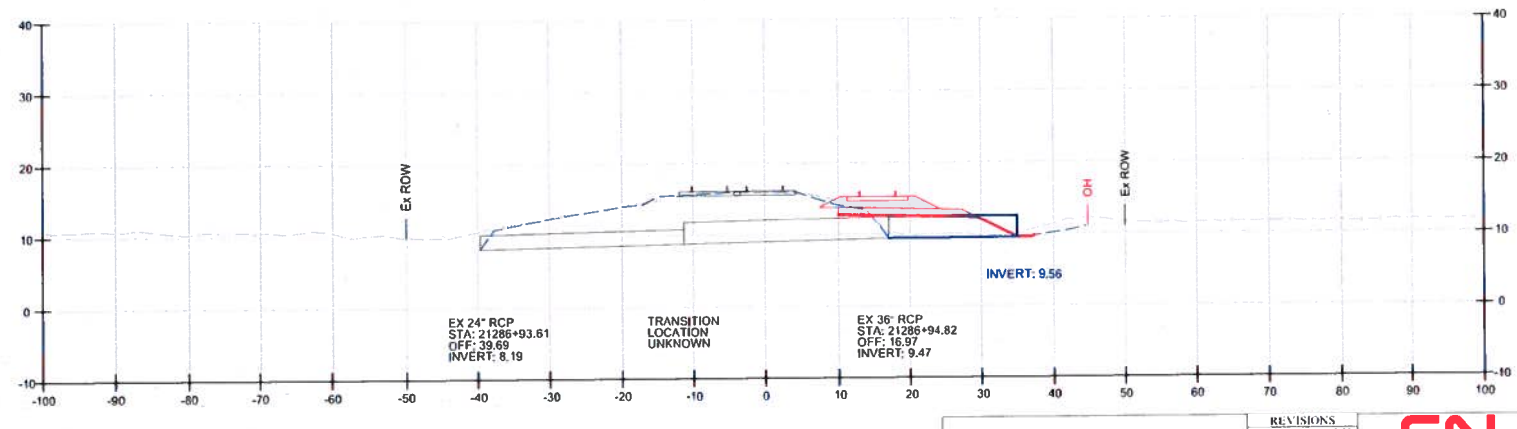

21286+94.53

0.99° SKEW, LHB

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(STA. 21286+94.53)

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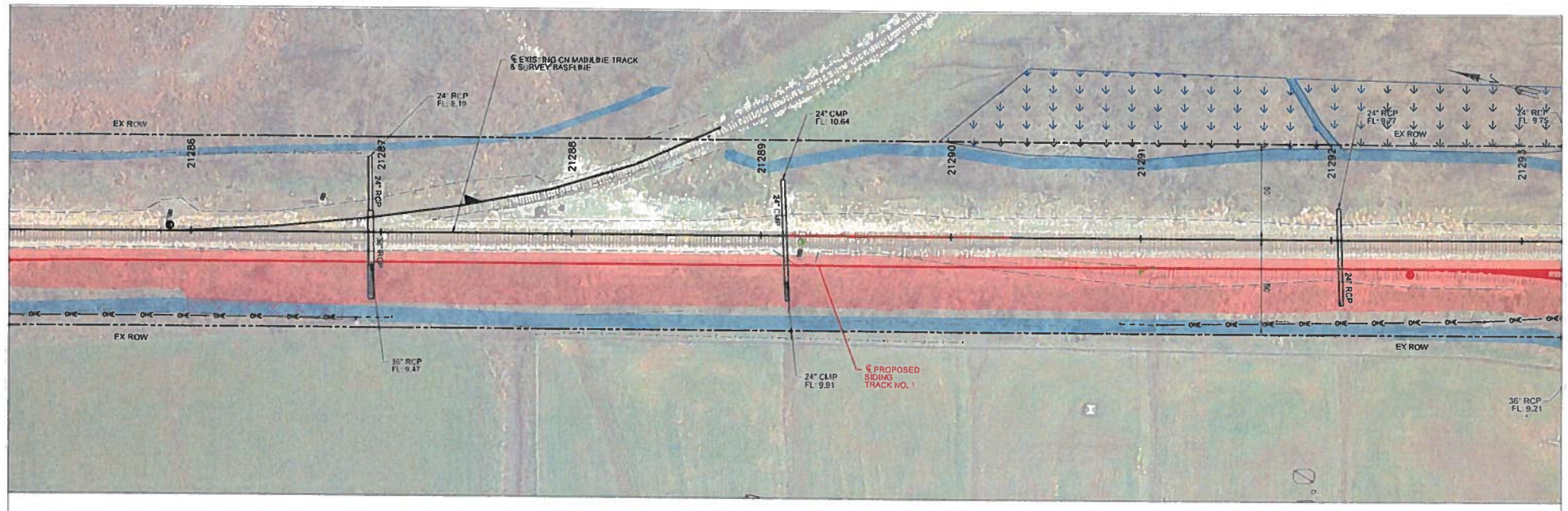

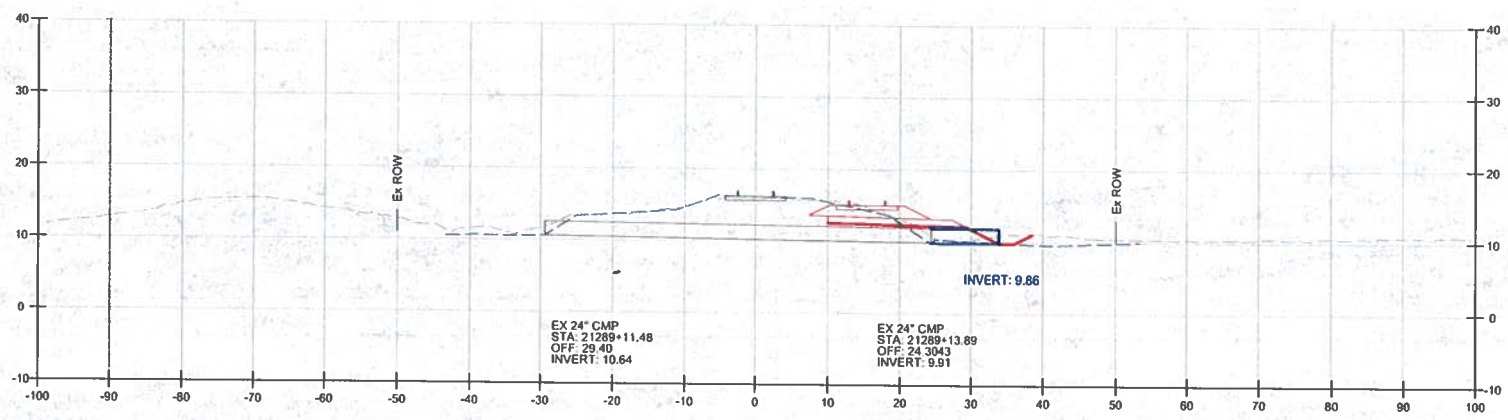

21289+12.80

2.60° SKEW, LHB

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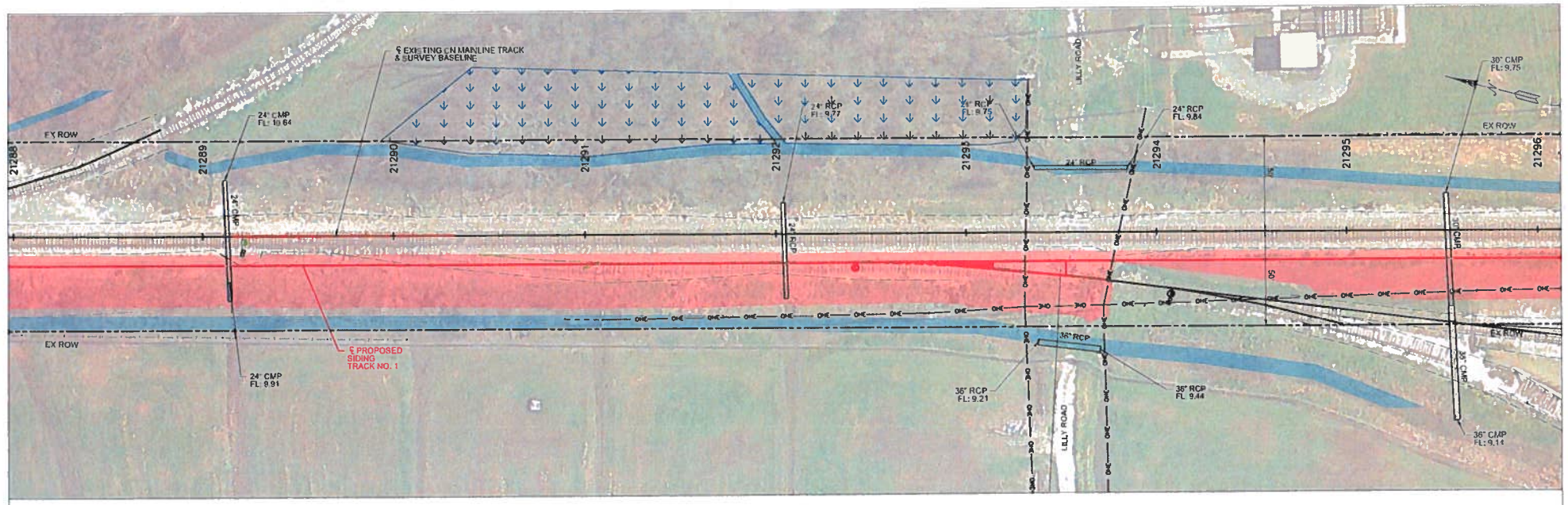

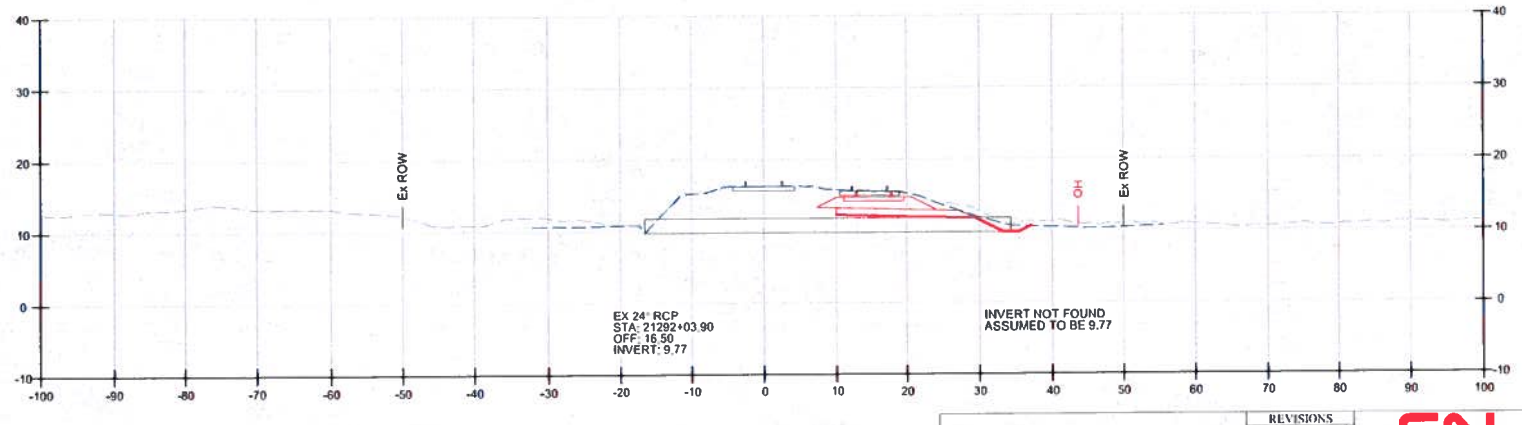

21292+04.46
1.95° SKEW, LHB

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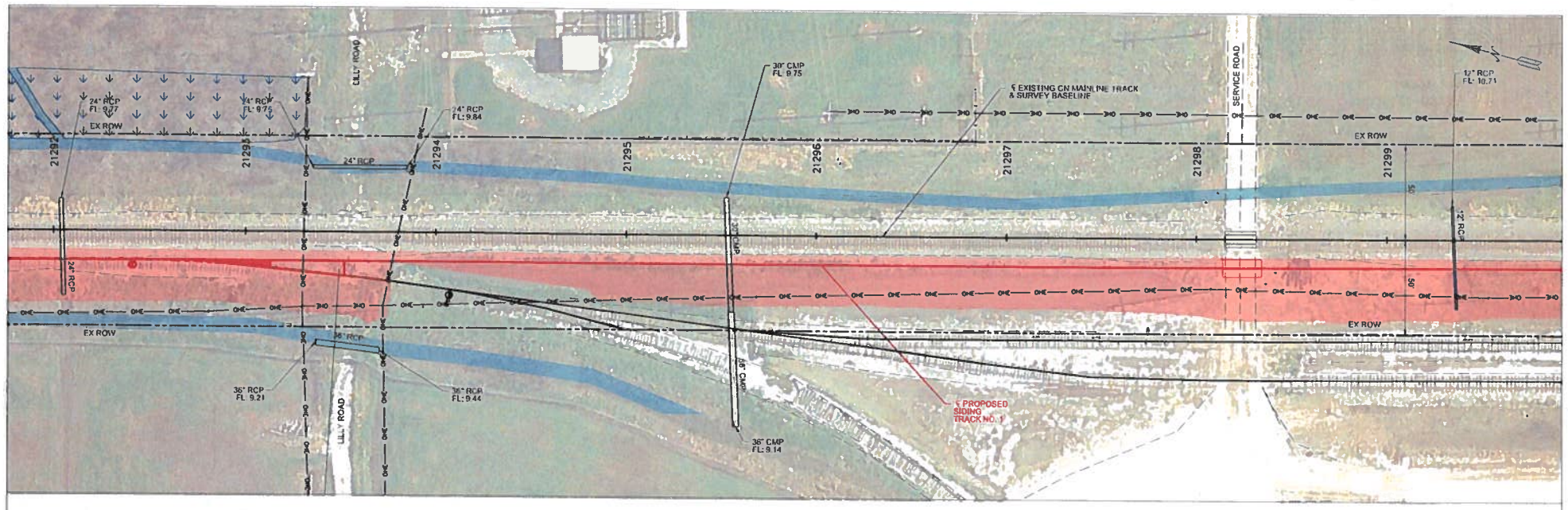

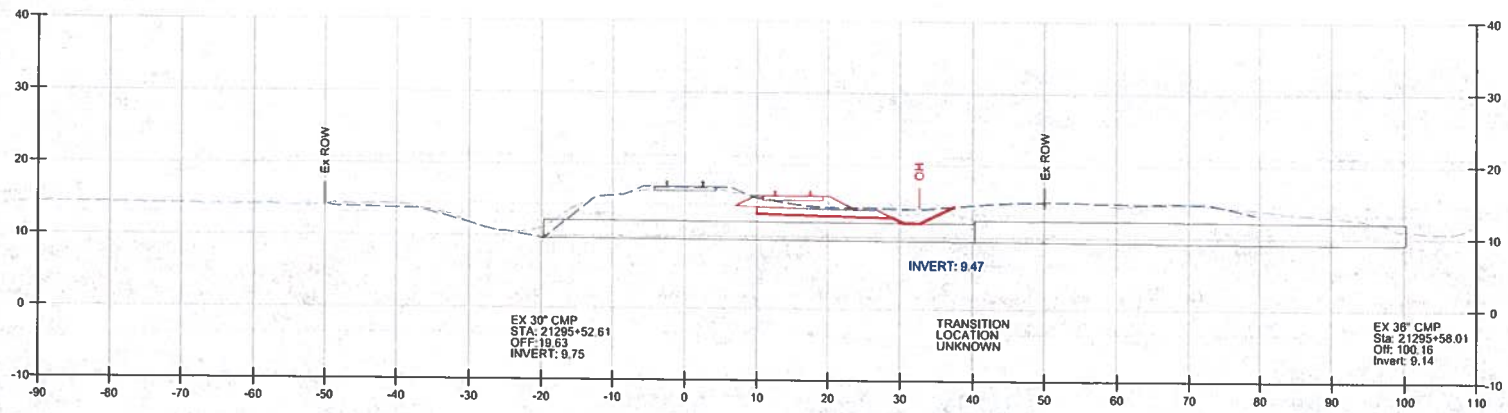

21295+53.49

2.58° SKEW, LHB

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(STA. 21295+53.49)

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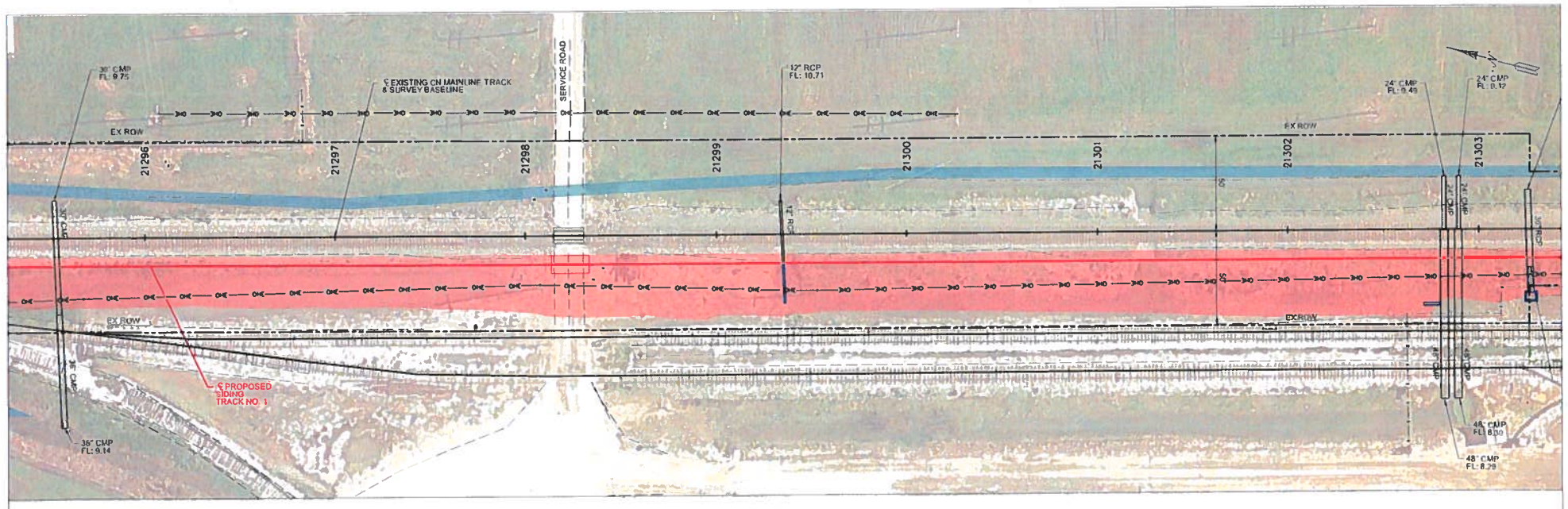

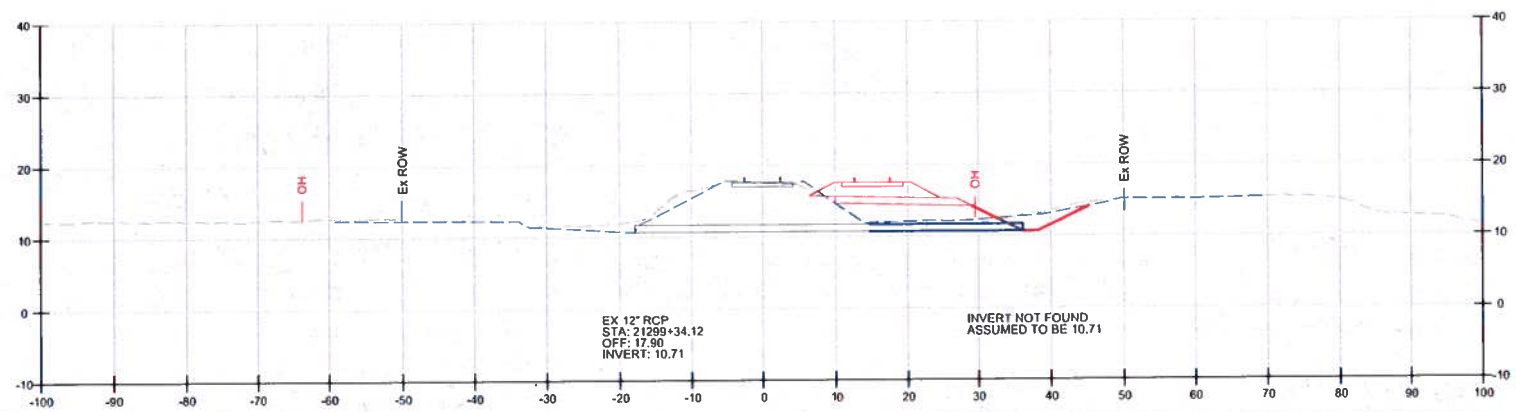

21299+34.91
2.51° SKEW, LHB

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(STA. 21299+34.91)

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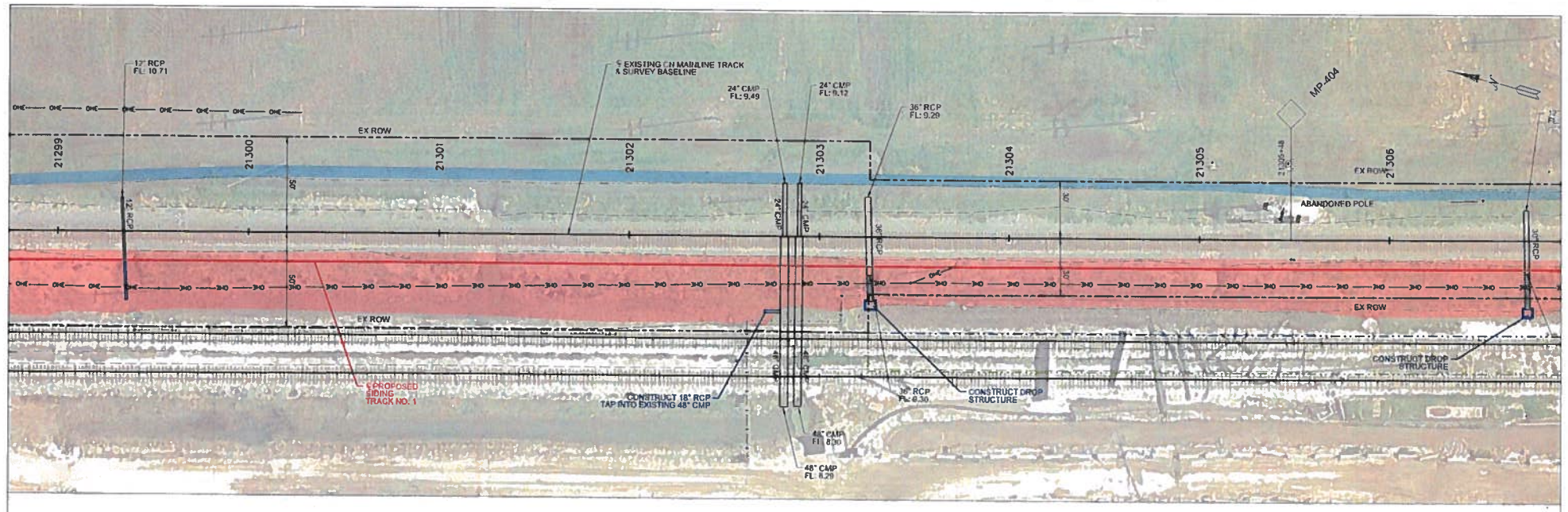

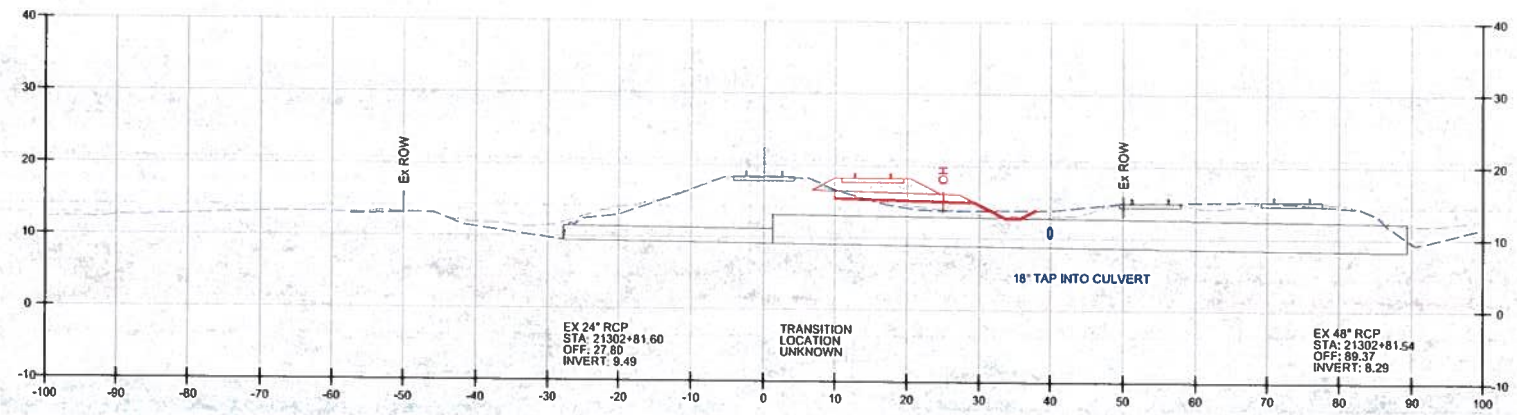

21302+81.59

0.03° SKEW, RHB

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CONVENT, LA

CULVERT DETAIL
(STA. 21302+81.59)

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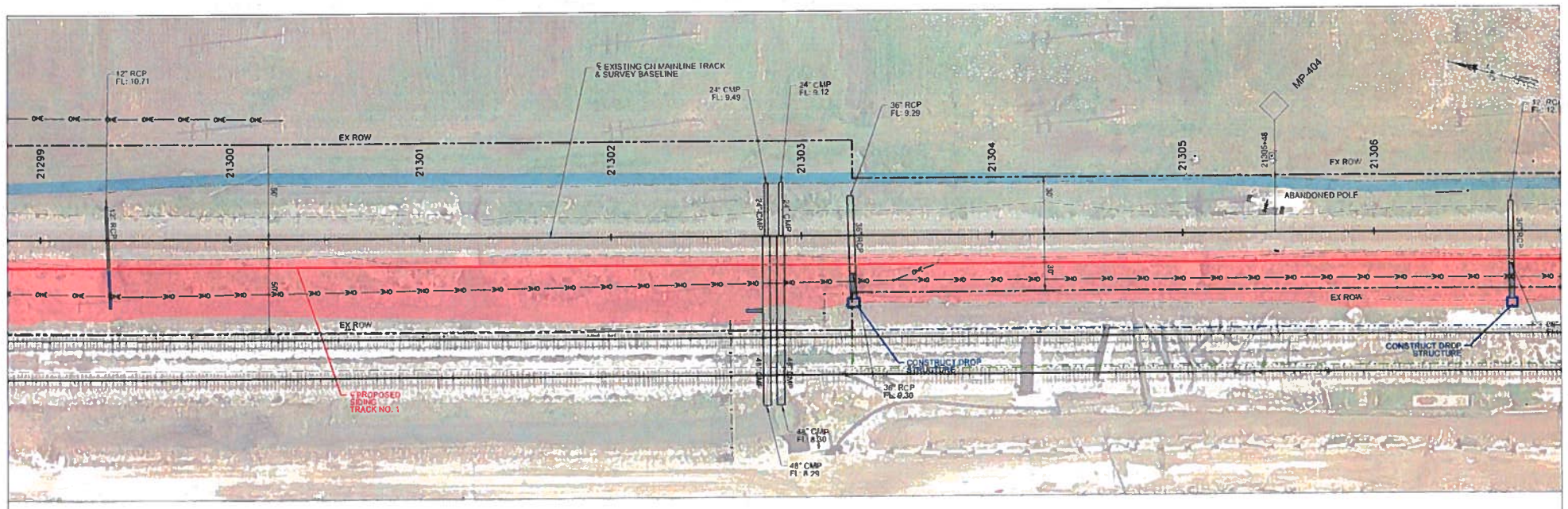

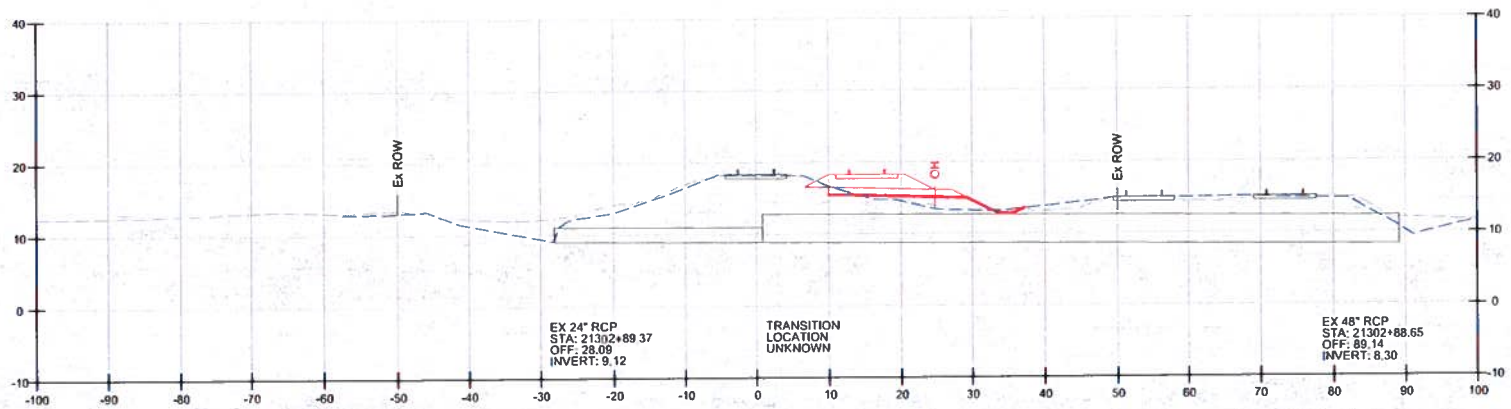

21302+89.20

0.35° SKEW, RHB

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CONVENT, LA

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(STA. 21302+89.20)

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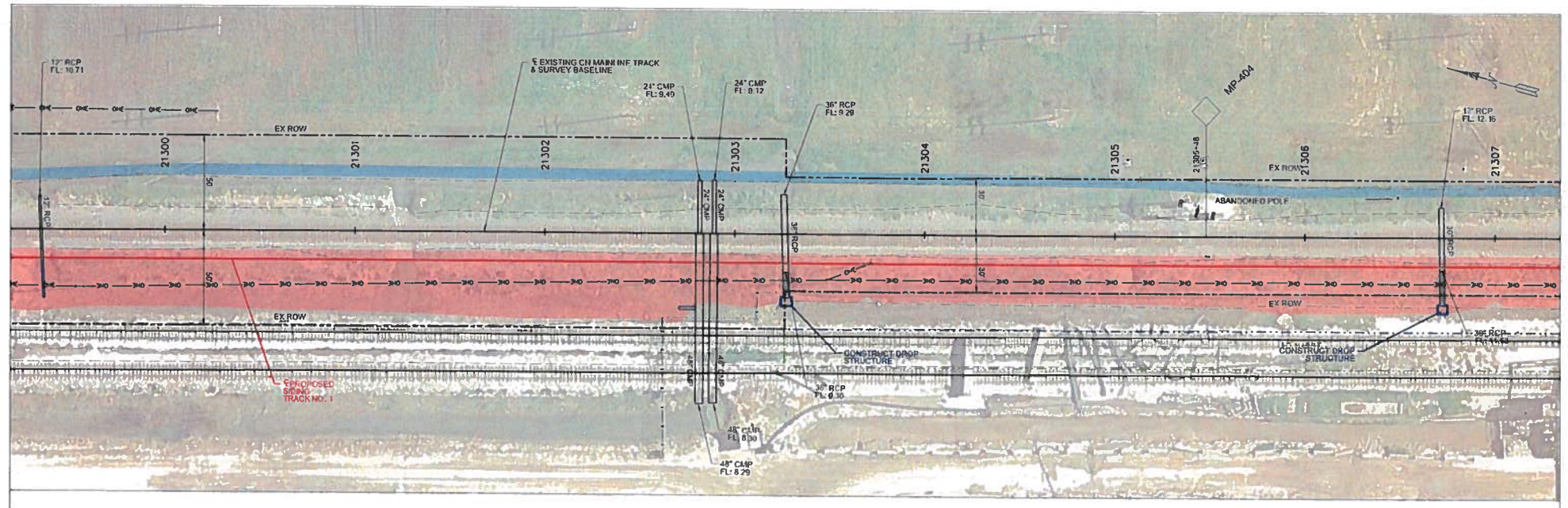

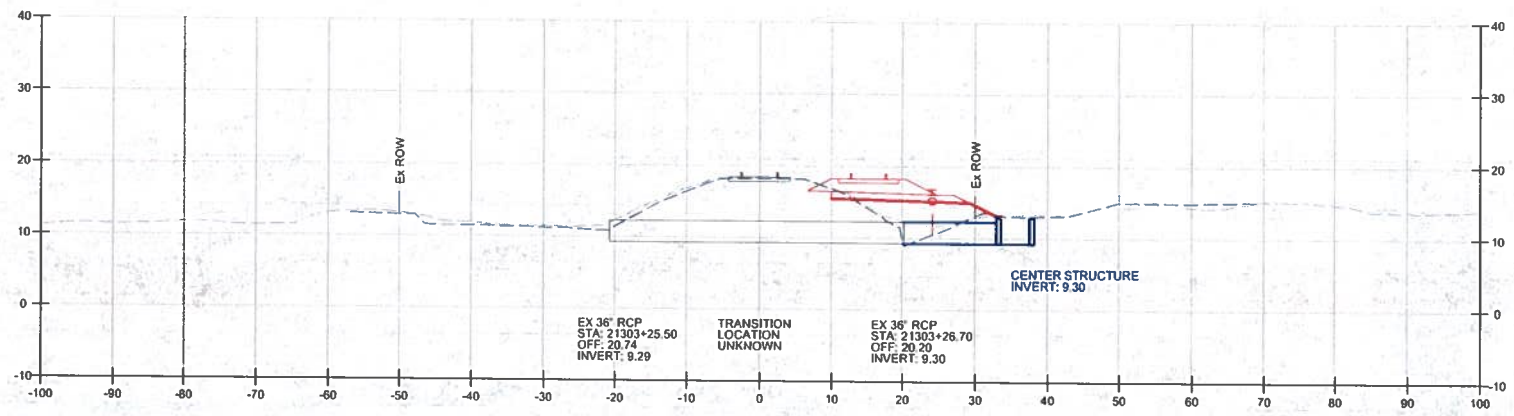

21303+26.10

1.71° SKEW, LHB

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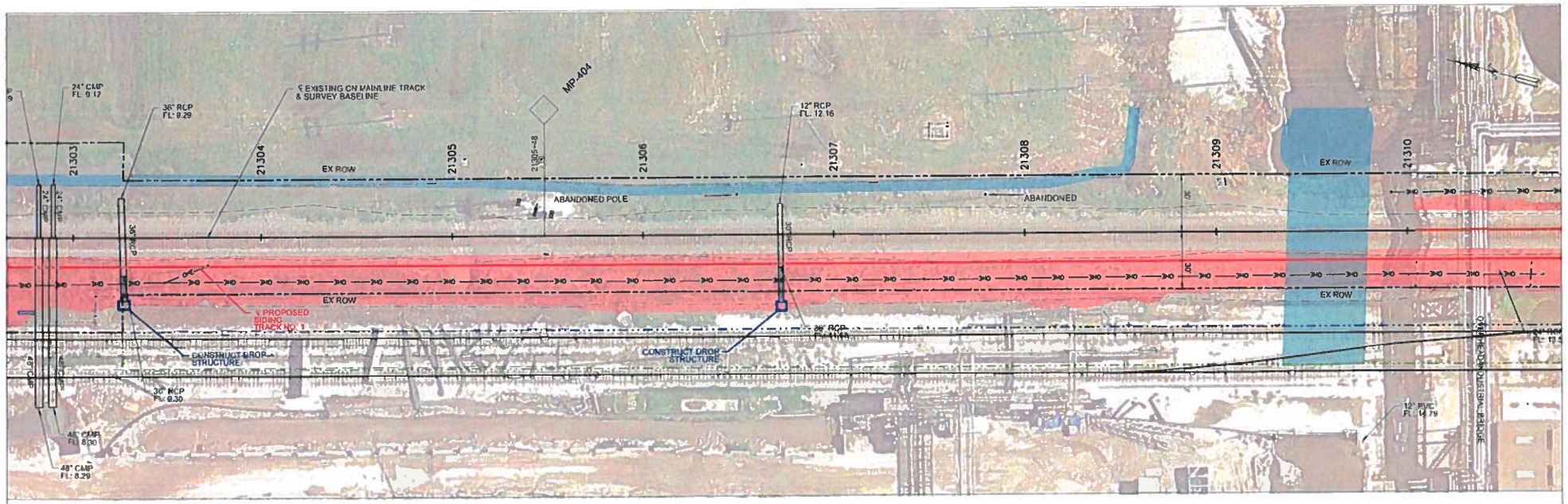

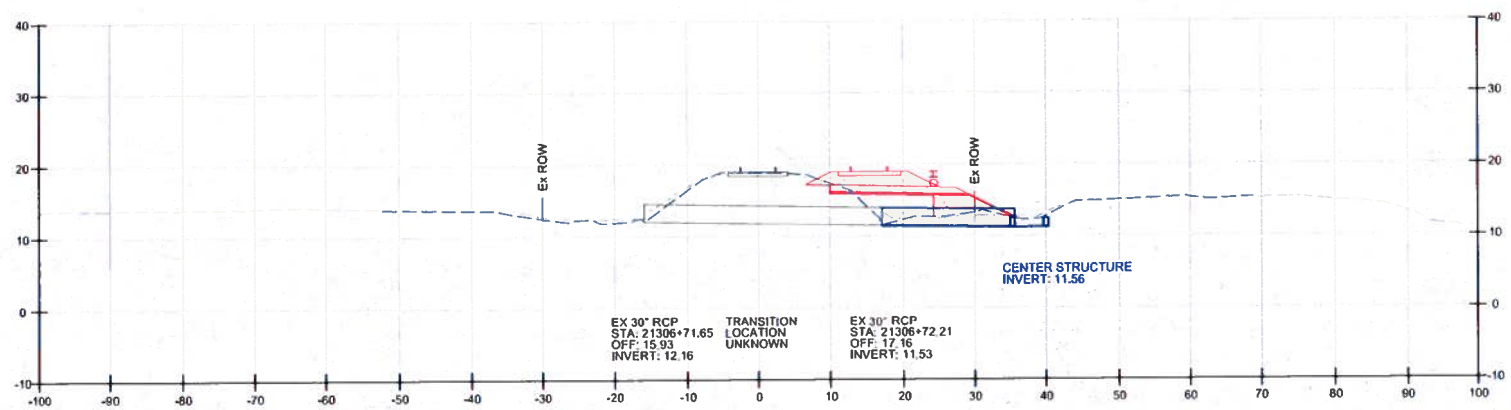

21306+71.92

0.96° SKEW, LHB

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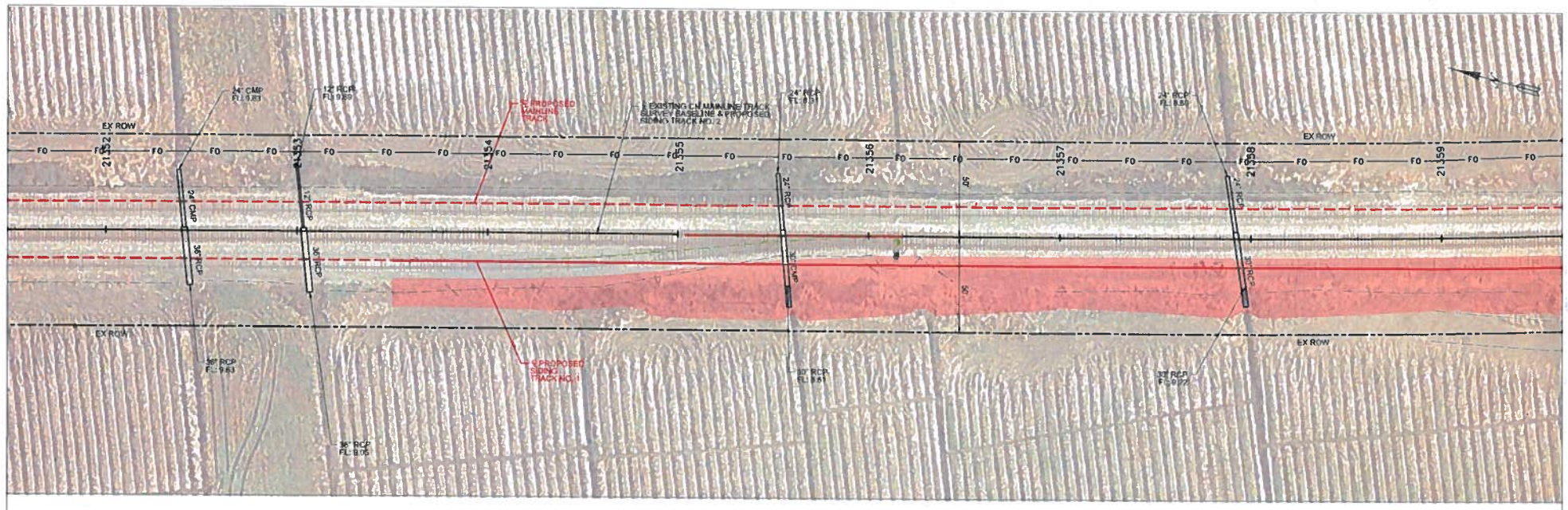

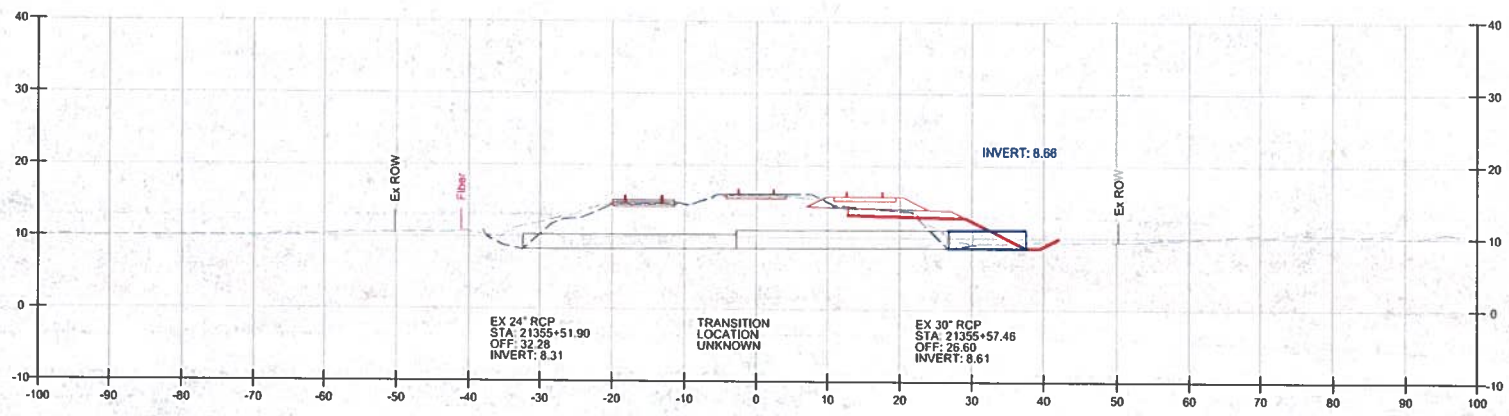

21355+54.95

5.40° SKEW, LHB

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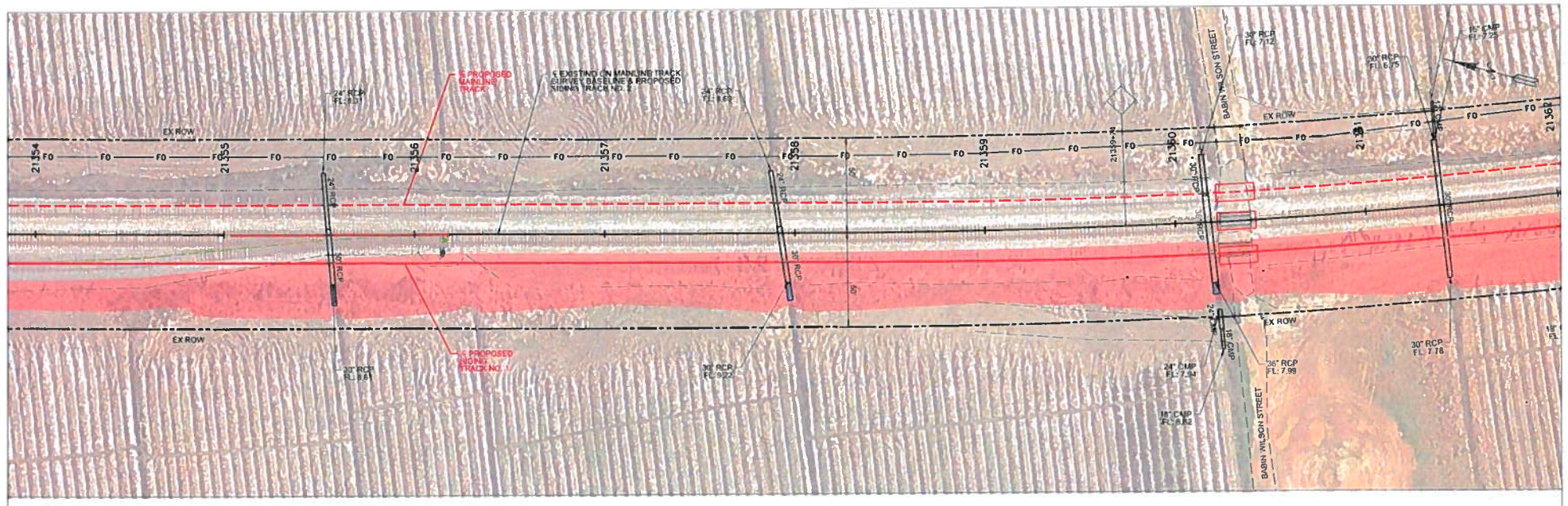

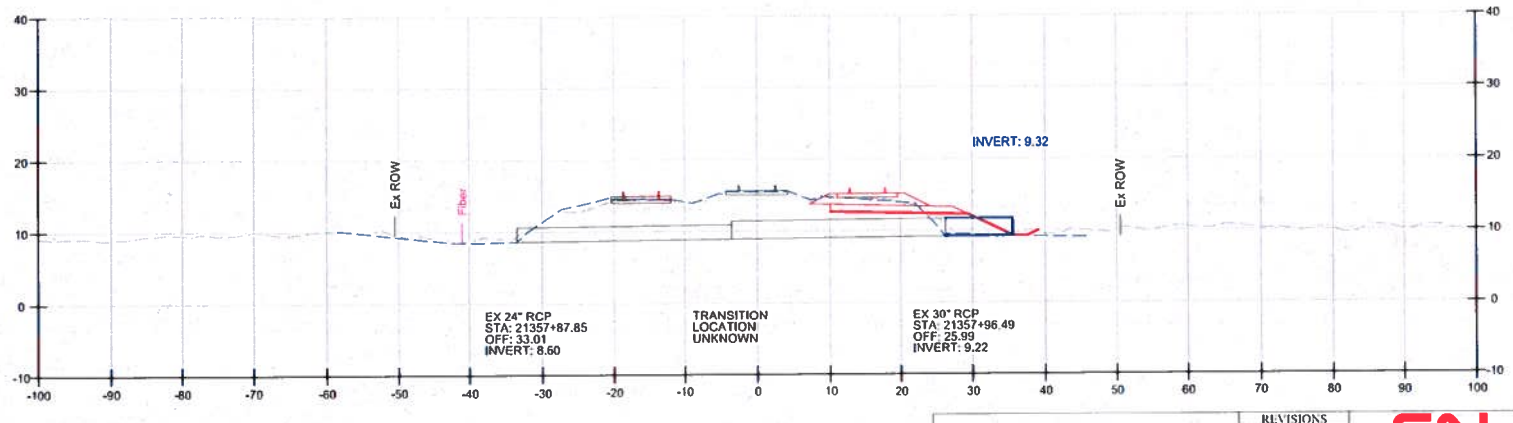

21357+92.68

8.34° SKEW, LHB

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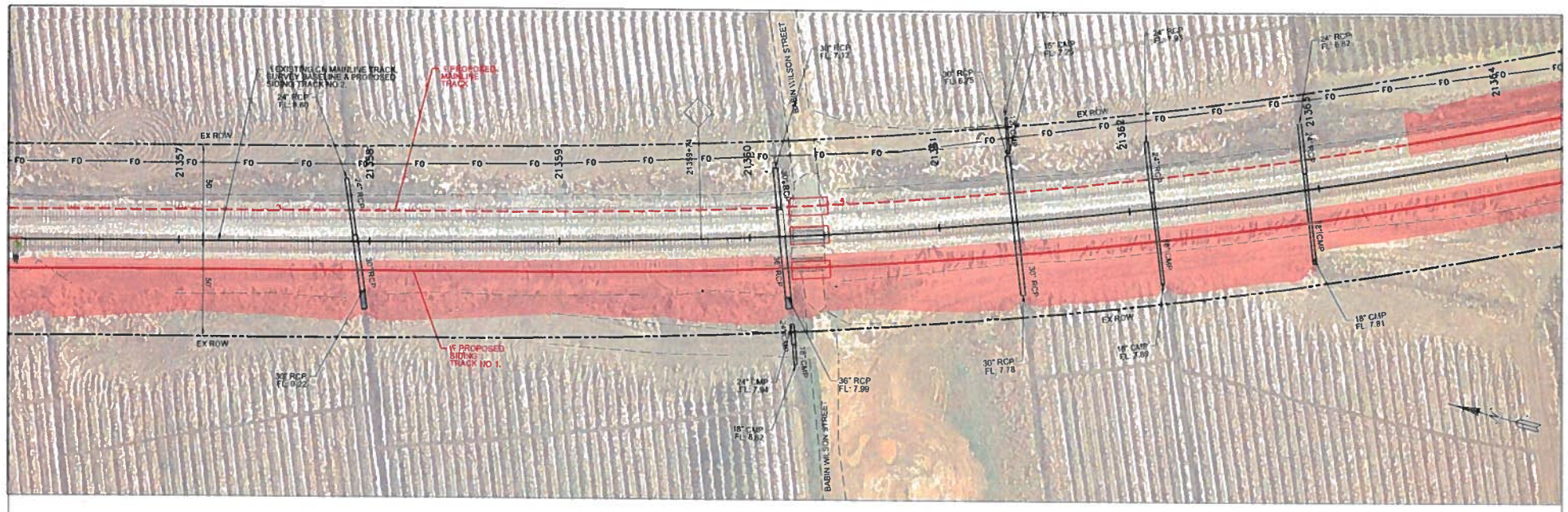

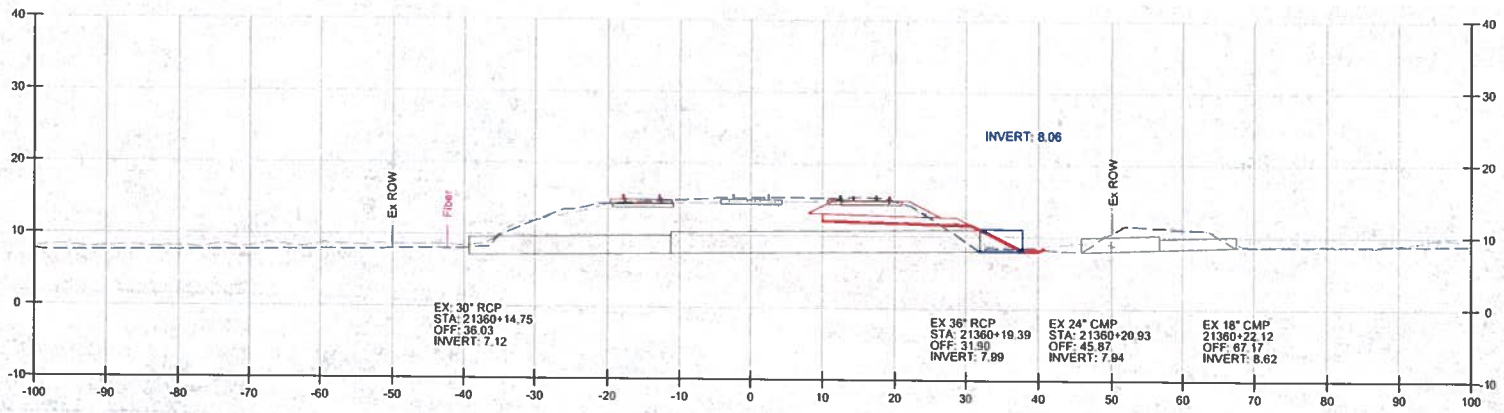

21360+17.20

3.91° SKEW, LHB

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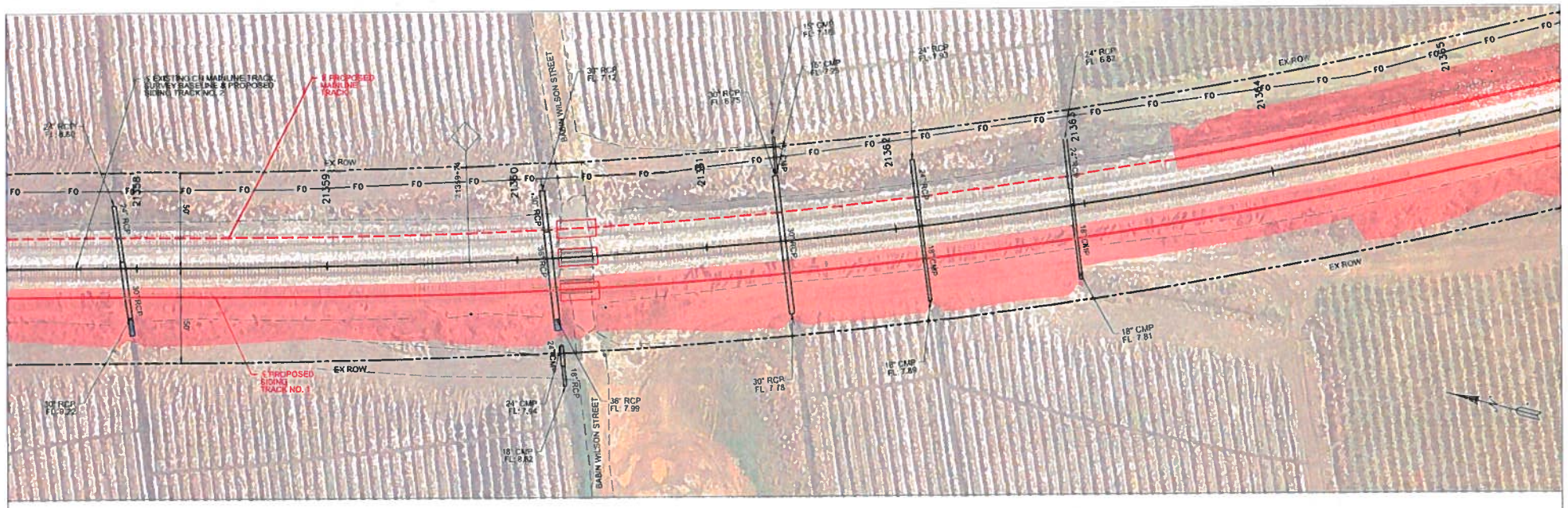

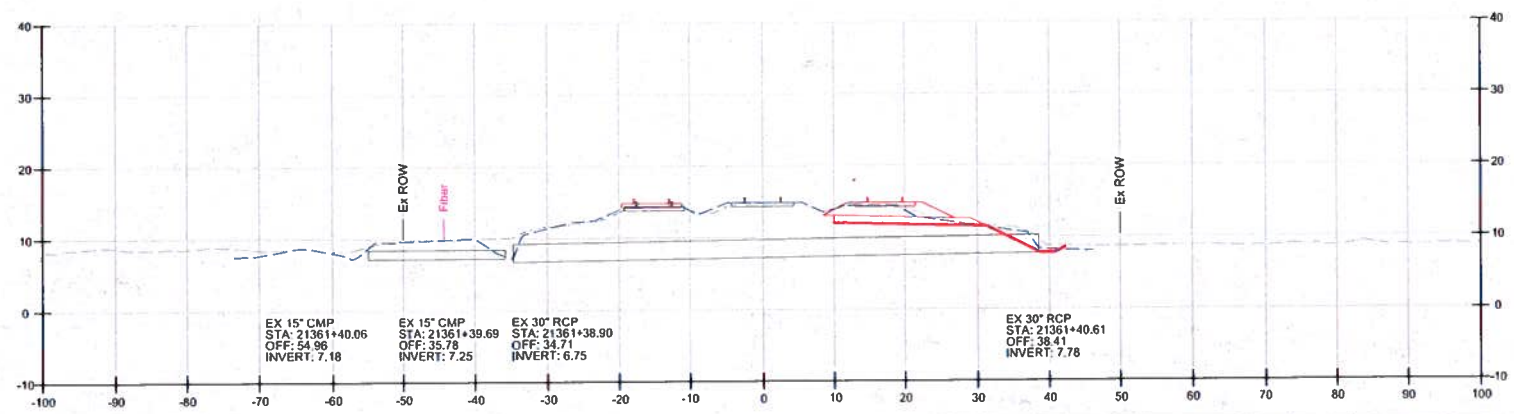

21361+39.71

1.34° SKEW, LHB

benesch

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CN SOUTHERN REGION

IC CONVENT MARINE TERMINAL
CENTRAL DIVISION
BATON ROUGE SUBDIVISION
CONVENT, LA

CULVERT DETAIL
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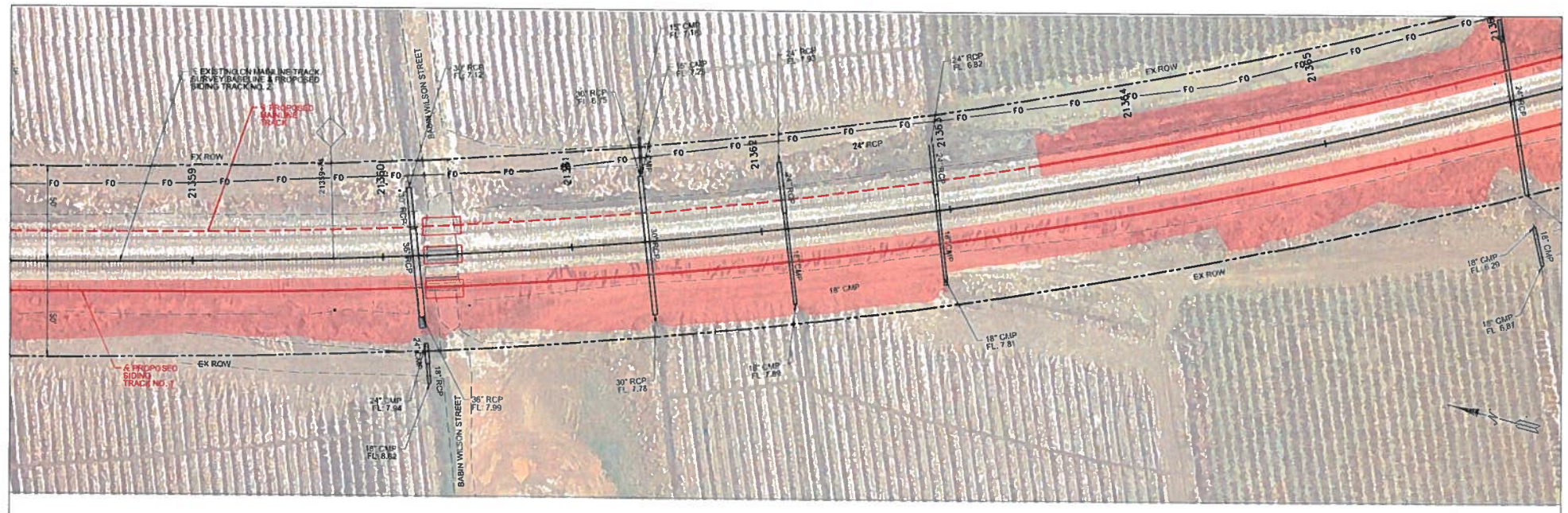

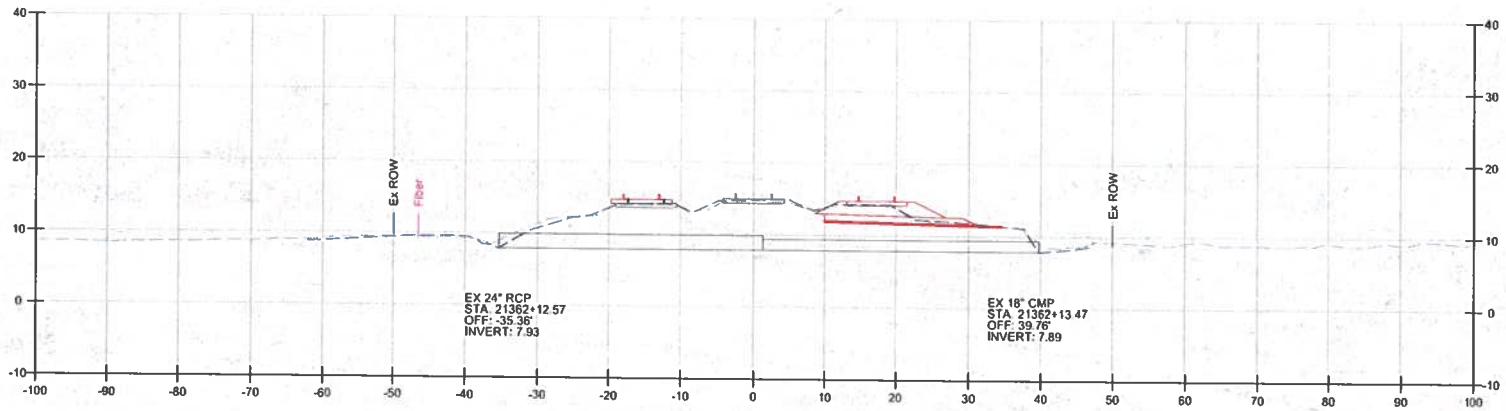

21362+13.00

0.69° SKEW, LHB

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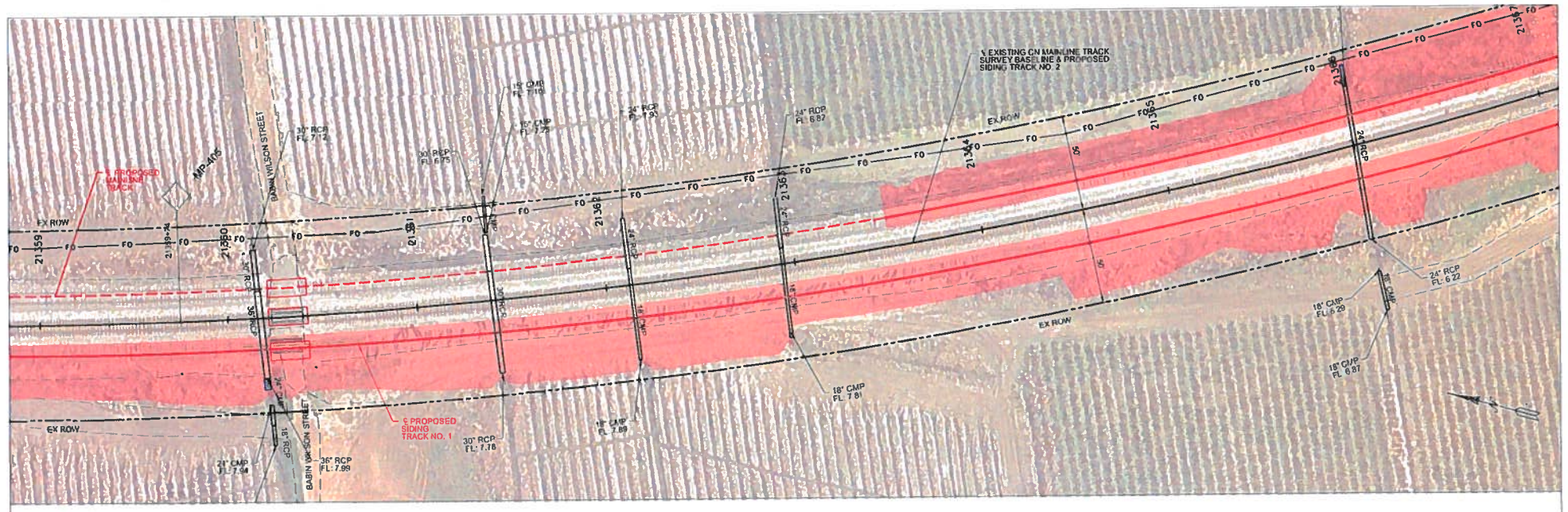

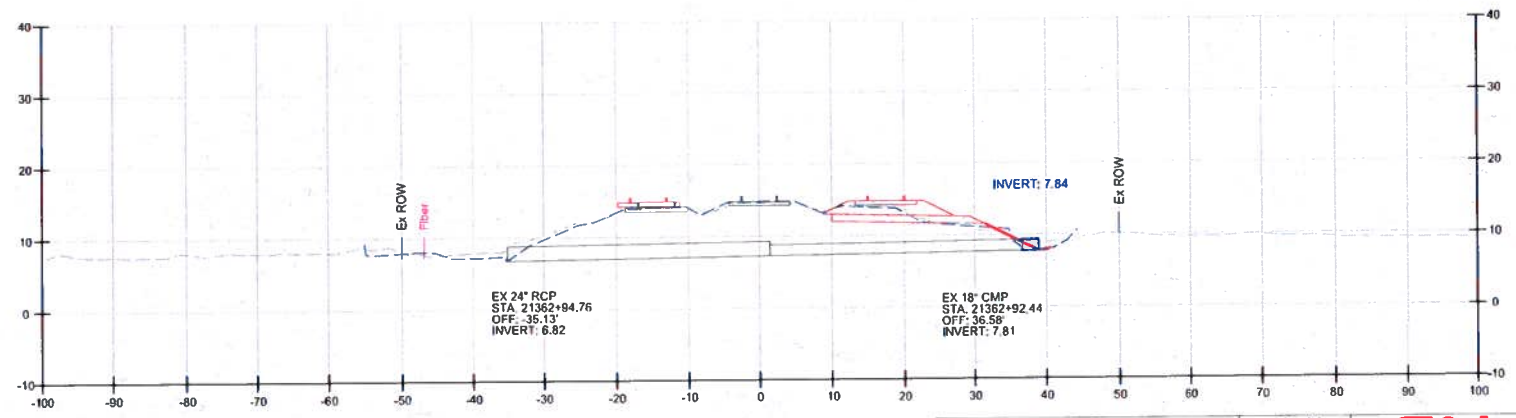

21362+93.62

1.85° SKEW RHB

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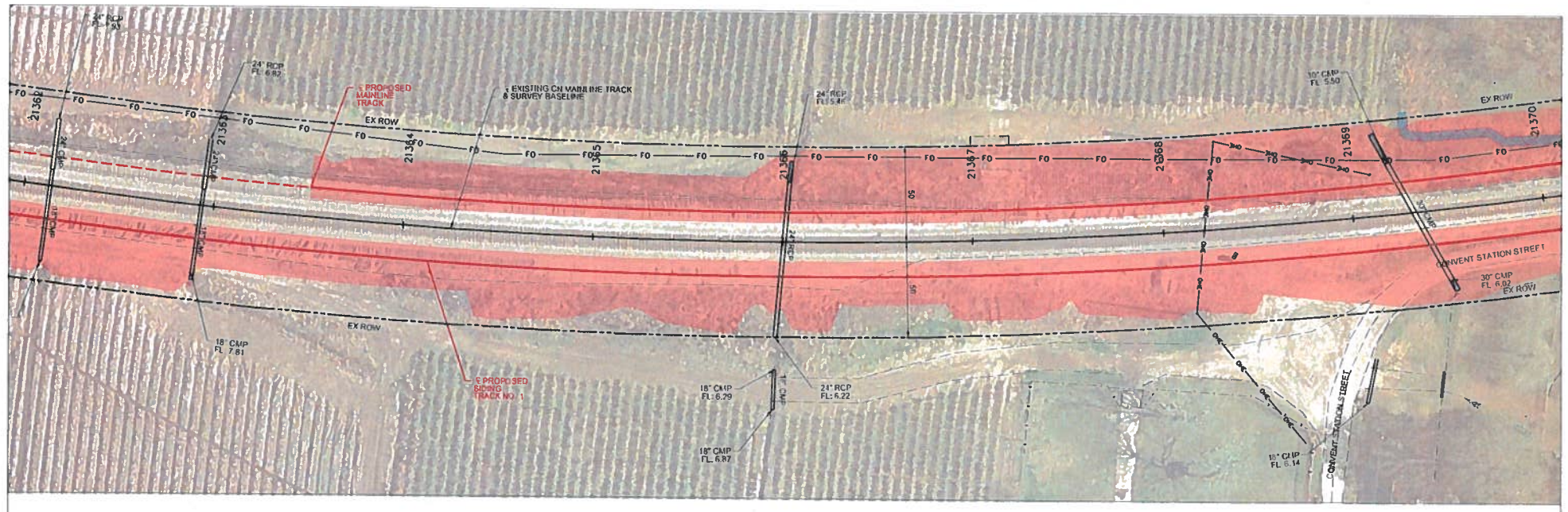

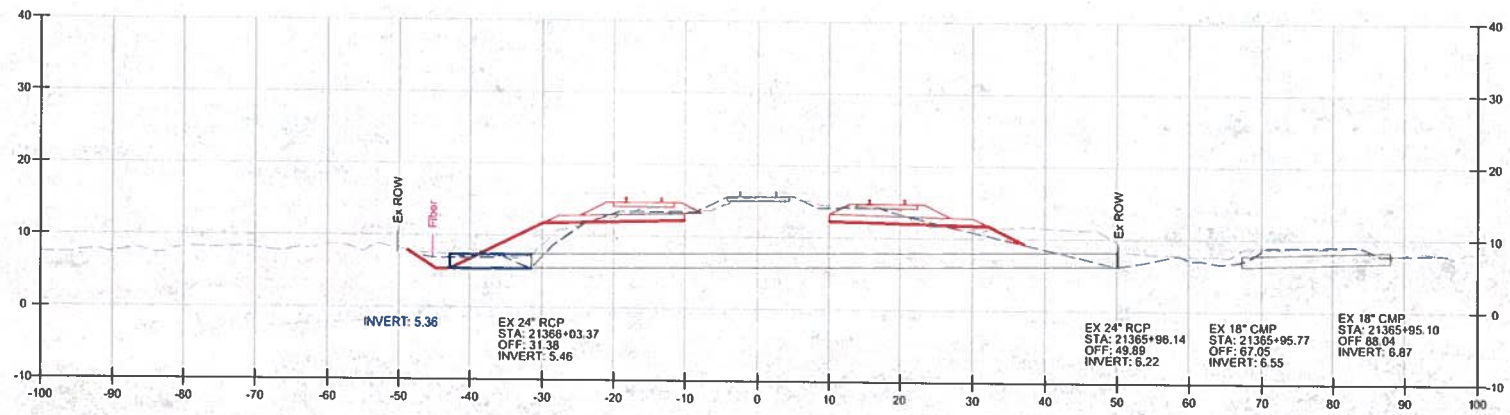

21366+00.58

5.12° SKEW, RHB

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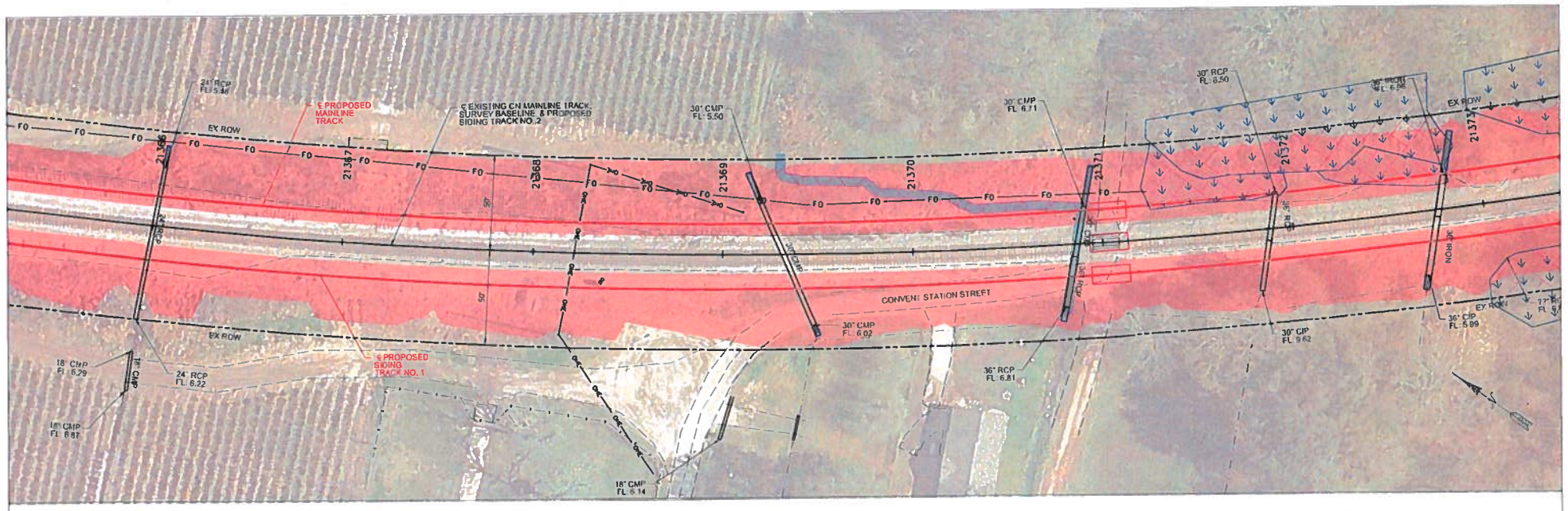

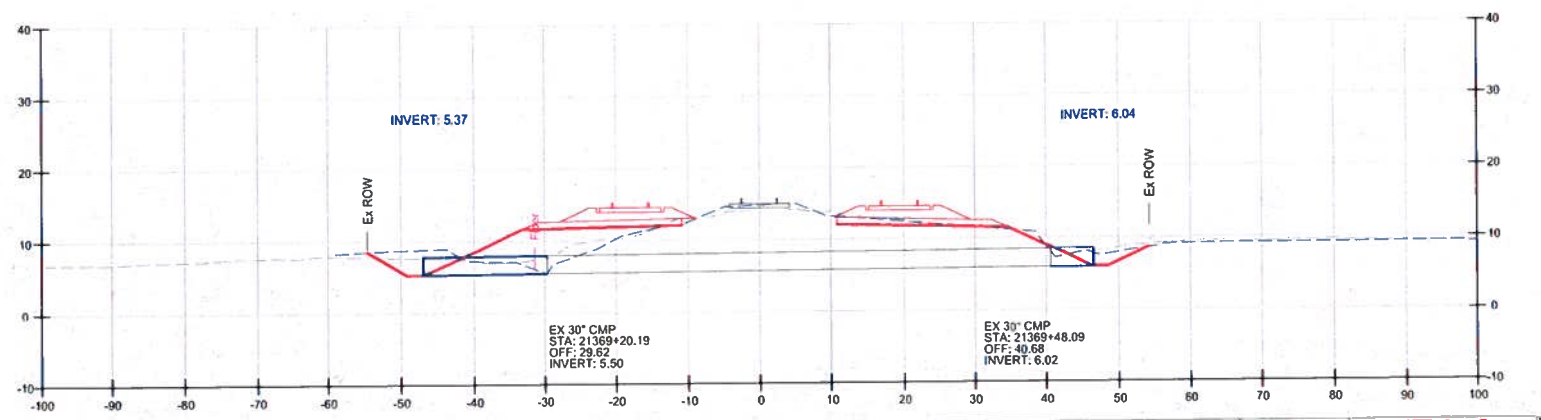

21369+32.21

22.98° SKEW. LHB

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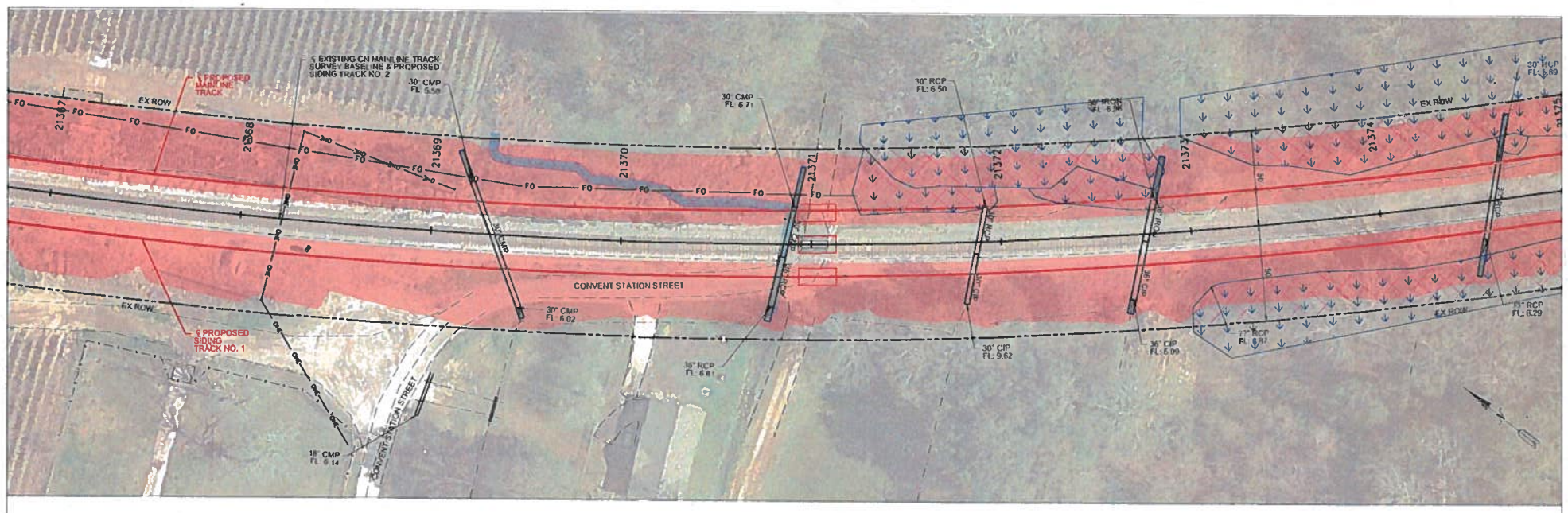

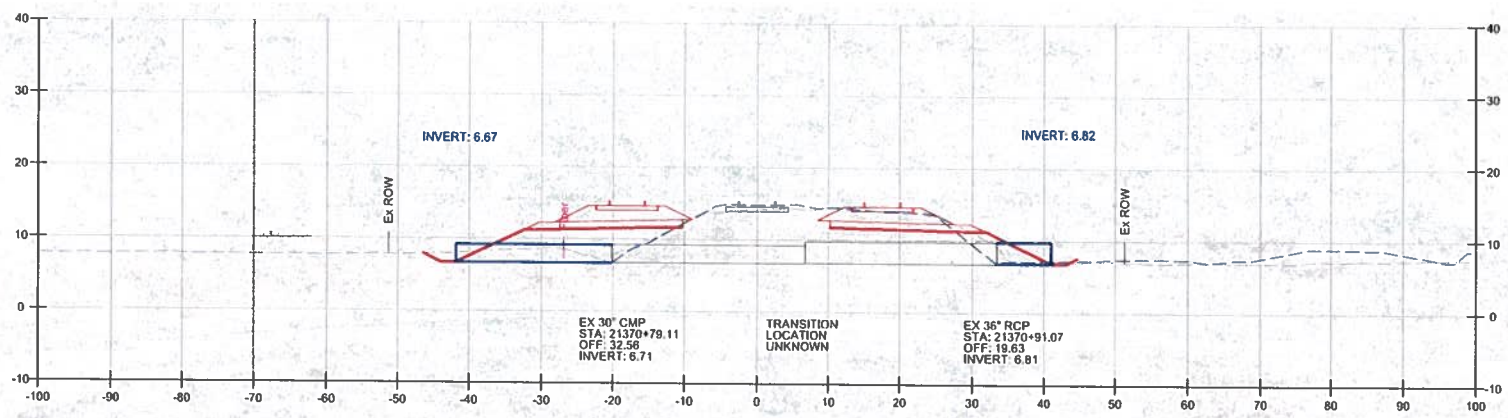

21370+86.57

12.91° SKEW, RHB

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