STATE OF LOUISIANA
DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT

PLANS OF PROPOSED STATE HIGHWAY

FEDERAL PROJECT H008220
STATE PROJECT H.008220

LA 406: ROUNDABOUT AT FE HEBERT

PLAQUEMINES PARISH

INDEX TO SHEETS

TOTAL SHEETS = 126

BEGIN PROJECT
LA 406
C.S. 838-06
LOG MILE 0.124
STA. 103+75.00

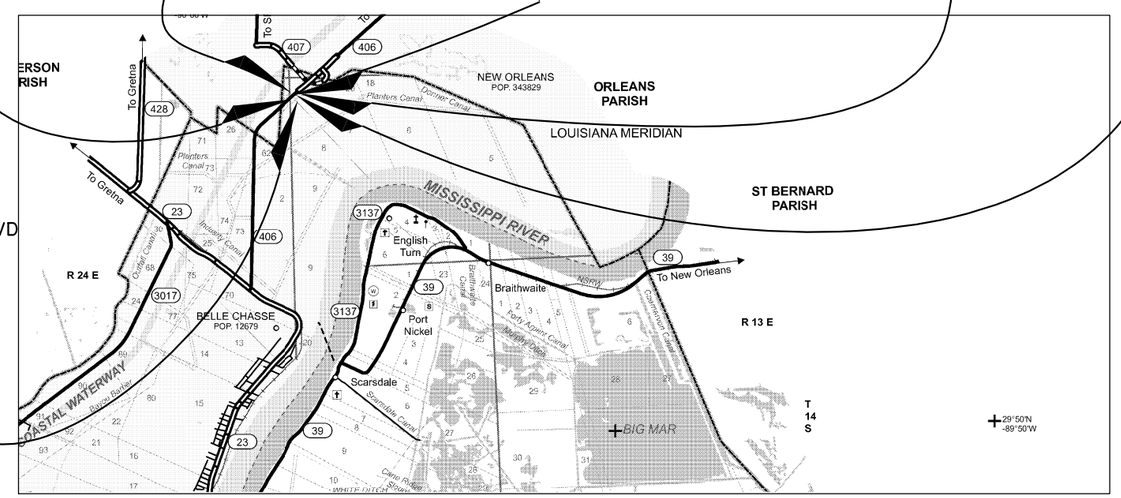
END PROJECT
KEATING DR
C.S. 000-38
LOG MILE N/A
STA. 52+00.00

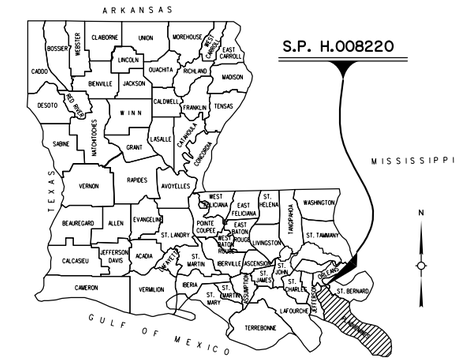
EQUATION = -117.90'
STA. 49+88.26 L.B. =
STA. 51+06.16 L.A.

END PROJECT
LA 406
C.S. 838-06
LOG MILE 0.347
STA. 115+50.00

EQUATION = +2.97'
STA. 114+72.97 L.B. =
STA. 114+70.00 L.A.

BEGIN PROJECT
F.E. HEBERT BLVD
C.S. 000-38
LOG MILE N/A
STA. 44+00.00





S.P. H.008220

VICINITY MAP

APPROVED

DOTD CHIEF ENGINEER

DATE

98% FINAL PLANS

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TRAFFIC DATA (LA 406)
2025 A.D.T. = 13,513
2045 A.D.T. = 16,488
D = 53.0 %
K = 11.0 %
T = 8.0 %

TRAFFIC DATA (KEATING DR.)
2025 A.D.T. = 1,211
2045 A.D.T. = 1,478
D = 53.0 %
K = 11.0 %
T = 5.0 %

TRAFFIC DATA (FE HEBERT)
2025 A.D.T. = 2,171
2045 A.D.T. = 2,649
D = 53.0 %
K = 11.0 %
T = 5.4 %

POSTED SPEED = 55 MPH (LA 406),
15 MPH (KEATING DR.),
25 MPH (FE HEBERT)

DESIGN SPEED = 15 MPH (ROUNDABOUT),
55 MPH (LA 406)
20 MPH (KEATING DR.),
30 MPH (FE HEBERT)

DESIGN CLASSIFICATION = URBAN MINOR ARTERIAL (LA 406)
URBAN MINOR COLLECTOR (FE HEBERT)
URBAN LOCAL (KEATING DR.)

TYPE OF CONSTRUCTION

GRADING, EARTHWORK, CLASS II BASE COURSE, ASPHALT CONCRETE, MILL AND OVERLAY, CONCRETE PAVEMENT, DRAINAGE STRUCTURES.

SURVEY
HORIZONTAL CONTROL:
LOUISIANA STATE PLANE COORDINATES
ZONE 1702 (NAD 83 (2011) EPOCH 2010.00)

BASE STATIONS:
PID: DP7421, CORS ID: SBCH
DESIGNATION: SHELL BEACH CORS ARP
LAT.= N 29°52'05.20554" LON.= W 89°40'23.63841"
NORTHING/Y= 501341.859 EASTING/X= 3806984.519

PID: D08512, CORS ID: MARY
DESIGNATION: MARY:289 LSU C4G CORS ARP
LAT.= W 30°01'22.70918 LON.= W 89°54'46.80198"
NORTHING/Y= 556633.052 EASTING/X= 3730298.895

PID: DP7419, CORS:ID: INRI
DESIGNATION: LOYOLA UNIVERSITY CORS ARP
LAT.= N29°56'13.21144"
LON.= W90°07'07.83730"
NORTHING/Y= 524621.449
EASTING/X= 3665493.652

VERTICAL CONTROL:
NAVD 88 (GEOID18)

LAYOUT MAP

SCALE: 1 INCH = 1 MILE

1 0 1 2 3

STANDARD SPECIFICATIONS

THE 2016 EDITION OF THE LOUISIANA DOTD STANDARD SPECIFICATIONS FOR ROADS AND BRIDGES, AS AMENDED BY THE PROJECT SPECIFICATIONS, SHALL GOVERN.

SCALES
PLAN: 1" = 20'
PROFILE HORIZ: 1" = 20'
PROFILE VERT: 1" = 4'

NO.	DATE	REVISED SHEET NOs.	DATE	RECOMMENDED	DATE	APPROVED

SCHEDULE OF REVISIONS

LENGTH AND LOCATION OF WORK

CONTROL SECTION	STATION		LOGMILE		ALGEBRAIC SUM OF ALL EQUATIONS	GROSS LENGTH	EXCEPTION	BRIDGE LENGTH		ROADWAY LENGTH	
	BEGIN	END	BEGIN	END	FEET	FEET	FEET	FEET	MILES	FEET	MILES
000-38	44+00.00	52+00.00	N/A	N/A	-117.90	682.10				682.10	0.129
838-06	103+75.00	115+50.00	0.124	0.347	+2.97	1177.97				1177.97	0.223
					TOTAL LENGTH OF BRIDGES						
					TOTAL LENGTH OF ROADWAY					1860.07	0.352
					TOTAL MILES			0.352			

SHEET NUMBER 1

PARISH: PLAQUEMINES
CONTROL SECTION: 838-06, 000-38
STATE PROJECT: H.008220

DESIGN RC
CHECK ML
DETAIL RC
CHECK ML
REVIEW ML
SERIES #

98% FINAL PLANS
PRELIMINARY
FOR REVIEW ONLY

ENGINEER:
R. CHATAGNIER

LICENSE #:
36885

DATE:
5/15/2025

NO.	DATE	REVISION OR CHANGE ORDER DESCRIPTION	BY

TITLE SHEET AND LAYOUT MAP

LA 406: ROUNDABOUT AT FE HEBERT

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

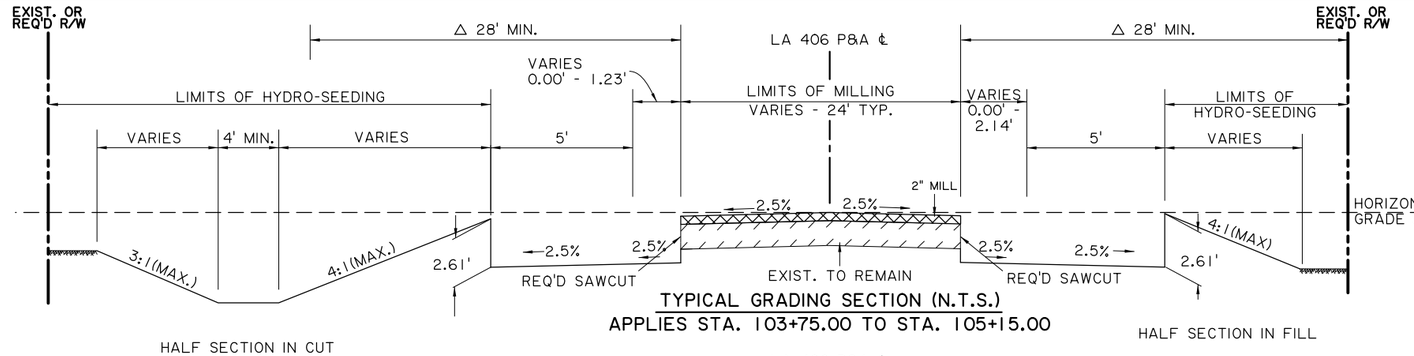
ROAD DESIGN

PAYMENT FOR THE GEOTEXTILE FABRIC BETWEEN THE CLASS II BASE COURSE AND THE NON-PLASTIC SAND EMBANKMENT SHALL BE INCLUDED IN THE COST OF THE CLASS II BASE COURSE IN ACCORDANCE WITH SECTION 302.14. THE GEOTEXTILE FABRIC ON THE SIDES AND BELOW THE NON-PLASTIC EMBANKMENT LAYER SHALL BE PAID FOR UNDER ITEM 203-08-00100 AND SHALL BE MEASURED BY THE SQUARE YARD.

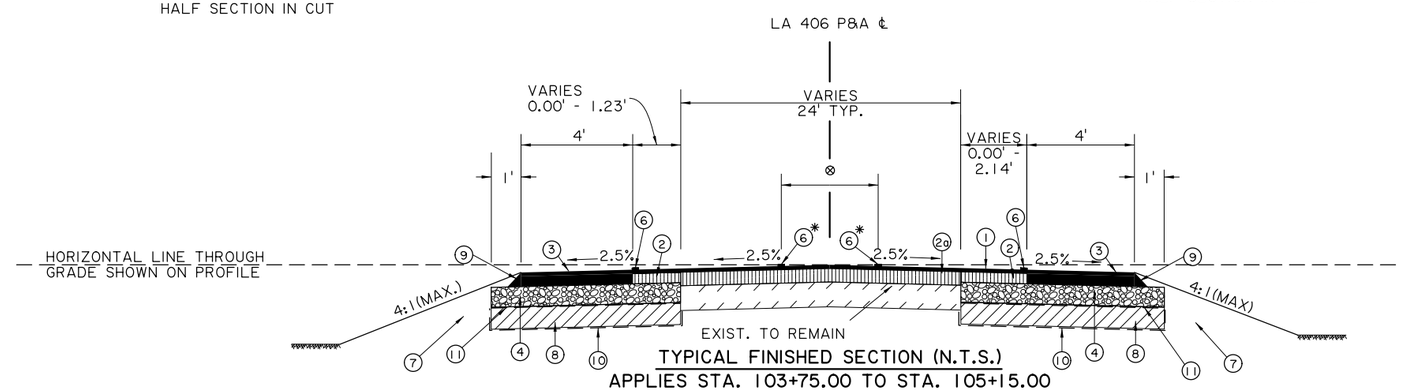
LEGEND

1. 2" ASPHALT CONCRETE WEARING COURSE (LEVEL 2F)
2. 6" ASPHALT CONCRETE BINDER COURSE (LEVEL 2)
2a. ASPHALT CONCRETE BINDER COURSE (THICKNESS VARIES) (LEVEL 2)
3. 8" ASPHALT CONCRETE
4. 8" CLASS II BASE COURSE (STONE OR RECYCLED P.C.C.)
5. CONCRETE COMBINATION CURB & GUTTER (MOUNTABLE TYPE)
6. PAVEMENT MARKINGS
7. EMBANKMENT
8. 18" NON-PLASTIC EMBANKMENT (SAND)
9. SHOULDER WEDGE
10. GEOTEXTILE FABRIC
11. GEOGRID

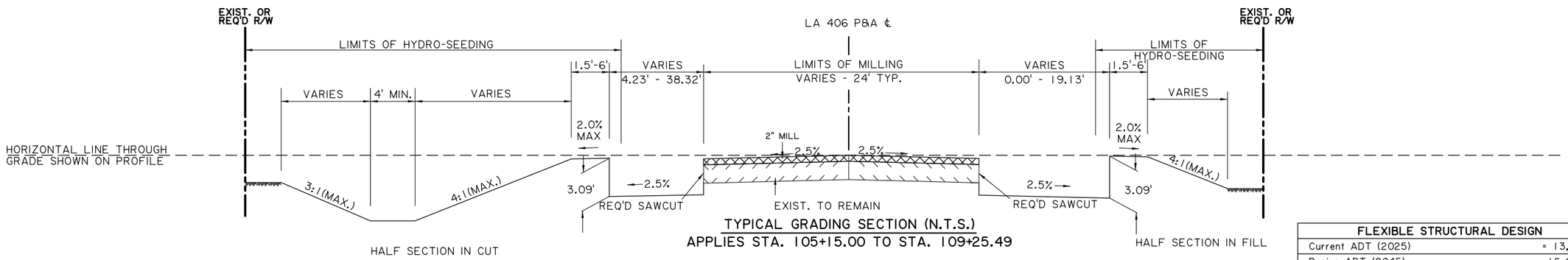
* RUMBLE STRIPS (CENTERLINE) REQUIRED FROM STA. 103+75.00 TO STA. 104+70.16.
⊗ WIDTH VARIES, SEE GEOMETRIC DETAILS AND PAVEMENT MARKING SHEETS FOR SPITTER ISLAND LOCATIONS AND FURTHER DETAILS
△ TO BE CONSTRUCTED FREE OF OBSTRUCTIONS



TYPICAL GRADING SECTION (N.T.S.)
APPLIES STA. 103+75.00 TO STA. 105+15.00

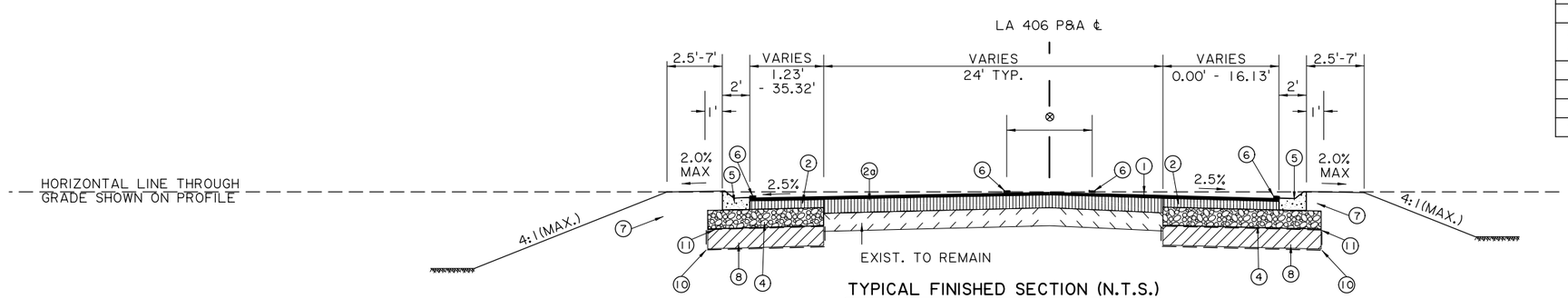


TYPICAL FINISHED SECTION (N.T.S.)
APPLIES STA. 103+75.00 TO STA. 105+15.00



TYPICAL GRADING SECTION (N.T.S.)
APPLIES STA. 105+15.00 TO STA. 109+25.49

FLEXIBLE STRUCTURAL DESIGN	
Current ADT (2025)	= 13,513
Design ADT (2045)	=16,488
Performance Period (years)	= 20
18 kip ESALS	= 2,809,002
Soil Resilient Modulus (psi)	= 9,916
Structural Number Required (inches)	= 4.08
Structural Number Provided (inch per layer)	
1- Wearing Course, Level I Superpave AC	= 0.88
2- Binder Course, Level I Superpave AC	= 2.64
3- Class II Base Course	= 1.01
Structural Number Provided (Total inches)	= 4.53



TYPICAL FINISHED SECTION (N.T.S.)
APPLIES STA. 105+15.00 TO STA. 109+25.49

98% FINAL PLANS

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SHEET NUMBER 2

PARISH: PLAQUEMINES
CONTROL SECTION: 838-06, 000-38
STATE PROJECT: H.008220

DESIGN: RC
CHECK: ML
DETAIL: RC
CHECK: ML
REVIEW:
SERIES #:

98% FINAL PLANS
PRELIMINARY
FOR REVIEW ONLY

ENGINEER: R. CHATAGNIER
LICENSE #: 36885
DATE: 5/15/2025

NO.	DATE	REVISION OR CHANGE ORDER DESCRIPTION	BY

TYPICAL SECTIONS AND DETAILS
LA 406

LA 406: ROUNDABOUT AT FE HEBERT

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT
ROAD DESIGN

98% FINAL PLANS

LEGEND

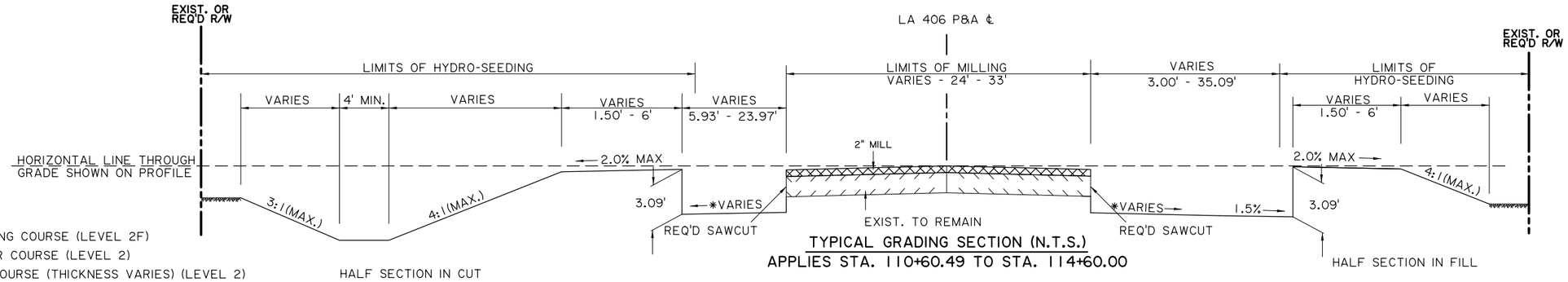
1. 2" ASPHALT CONCRETE WEARING COURSE (LEVEL 2F)
2. 6" ASPHALT CONCRETE BINDER COURSE (LEVEL 2)
2a. ASPHALT CONCRETE BINDER COURSE (THICKNESS VARIES) (LEVEL 2)
3. 8" ASPHALT CONCRETE
4. 8" CLASS II BASE COURSE (STONE OR RECYCLED P.C.C.)
5. CONCRETE COMBINATION CURB & GUTTER (MOUNTABLE TYPE)
6. PAVEMENT MARKINGS
7. EMBANKMENT
8. 18" NON-PLASTIC EMBANKMENT (SAND)
9. SHOULDER WEDGE
10. 11" PCC PAVEMENT (COLORED) (BRICK RED - BROOM FINISH)
11. GEOTEXTILE FABRIC
12. GEOGRID

⊗ WIDTH VARIES, SEE GEOMETRIC DETAILS AND PAVEMENT MARKING SHEETS FOR SPITTER ISLAND LOCATIONS AND FURTHER DETAILS

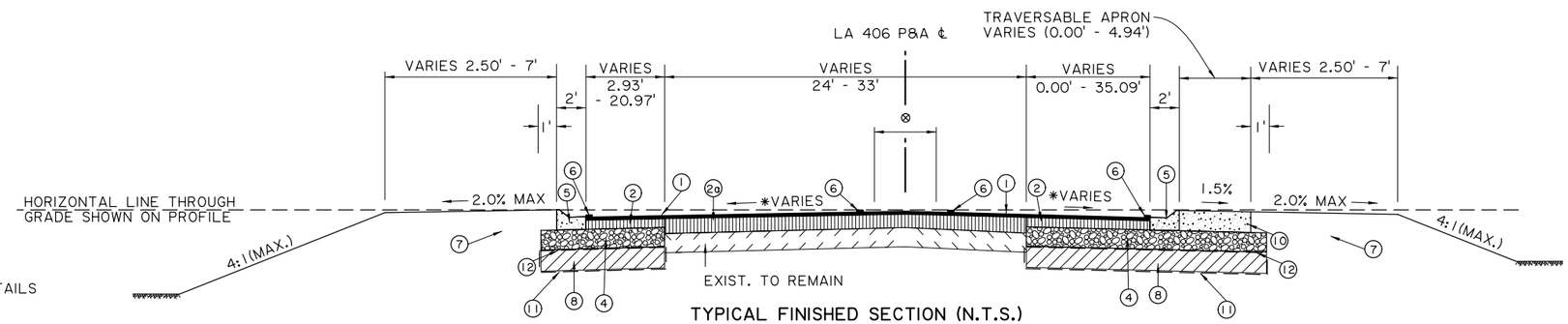
△ TO BE CONSTRUCTED FREE OF OBSTRUCTIONS

*SEE GRAPHICAL GRADES SHEET FOR DETAILS.

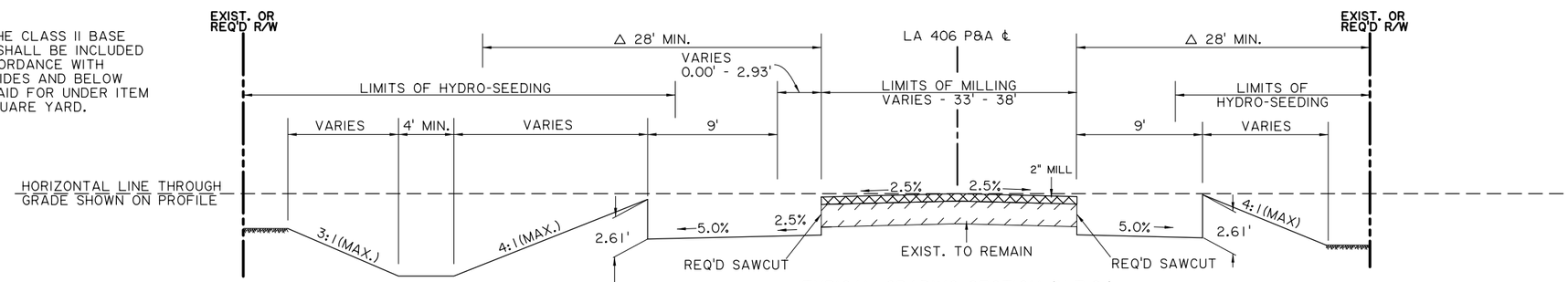
PAYMENT FOR THE GEOTEXTILE FABRIC BETWEEN THE CLASS II BASE COURSE AND THE NON-PLASTIC SAND EMBANKMENT SHALL BE INCLUDED IN THE COST OF THE CLASS II BASE COURSE IN ACCORDANCE WITH SECTION 302.14. THE GEOTEXTILE FABRIC ON THE SIDES AND BELOW THE NON-PLASTIC EMBANKMENT LAYER SHALL BE PAID FOR UNDER ITEM 203-08-00100 AND SHALL BE MEASURED BY THE SQUARE YARD.



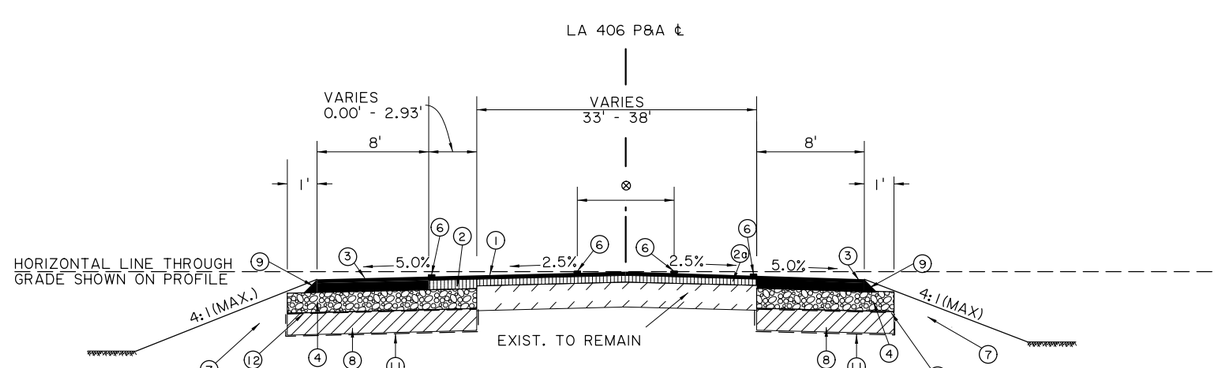
TYPICAL GRADING SECTION (N.T.S.)
APPLIES STA. 110+60.49 TO STA. 114+60.00



TYPICAL FINISHED SECTION (N.T.S.)
APPLIES STA. 110+60.49 TO STA. 114+60.00



TYPICAL GRADING SECTION (N.T.S.)
APPLIES STA. 114+60.00 TO STA. 115+50.00



TYPICAL FINISHED SECTION (N.T.S.)
APPLIES STA. 114+60.00 TO STA. 115+50.00

SHEET NUMBER	2a
PARISH	PLAQUEMINES
CONTROL SECTION	838-06, 000-38
STATE PROJECT	H.008220

DESIGN RC CHECK ML DETAIL RC CHECK ML REVIEW SERIES 8

98% FINAL PLANS
PRELIMINARY
FOR REVIEW ONLY

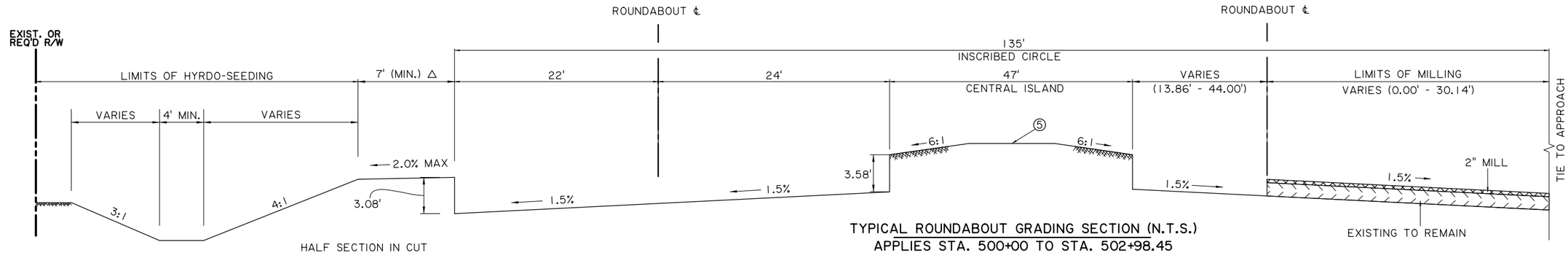
ENGINEER: R. CHATAGNIER
LICENSE #: 36885
DATE: 5/15/2025

NO.	DATE	REVISION OR CHANGE ORDER DESCRIPTION	BY

TYPICAL SECTIONS AND DETAILS
LA 406

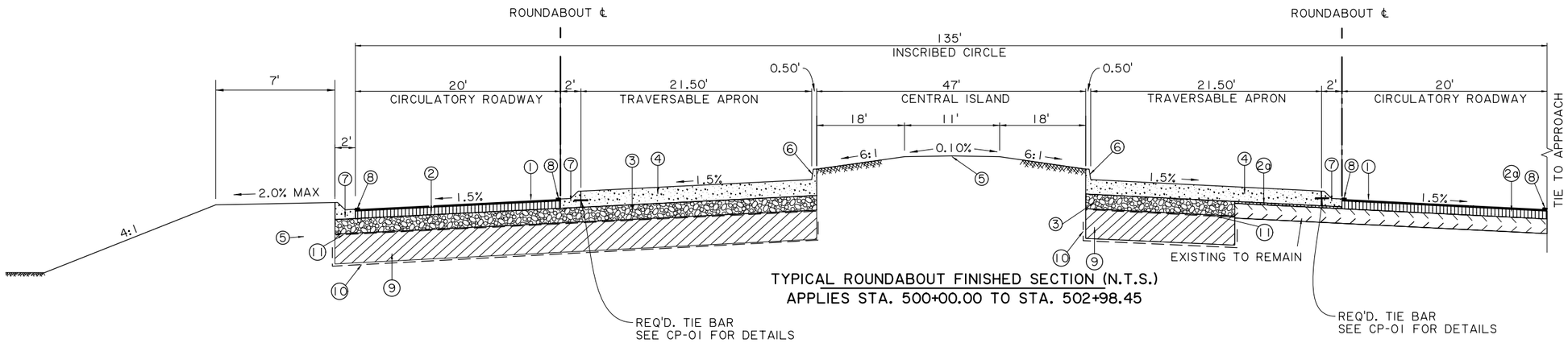
LA 406: ROUNDABOUT AT FE HEBERT

DOTD LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT
ROAD DESIGN



HALF SECTION IN CUT

TYPICAL ROUNDABOUT GRADING SECTION (N.T.S.)
APPLIES STA. 500+00 TO STA. 502+98.45



TYPICAL ROUNDABOUT FINISHED SECTION (N.T.S.)
APPLIES STA. 500+00.00 TO STA. 502+98.45

LEGEND

1. 2" ASPHALT CONCRETE WEARING COURSE (LEVEL 2F)
2. 6" ASPHALT CONCRETE BINDER COURSE (LEVEL 2)
2a. ASPHALT CONCRETE BINDER COURSE (THICKNESS VARIES) (LEVEL 2)
3. 8" CLASS II BASE COURSE (STONE OR RECYCLED P.C.C.)
4. 11" PCC PAVEMENT (COLORED) (BRICK RED - BROOM FINISH)
5. EMBANKMENT
6. INTEGRAL CONCRETE CURB (BARRIER TYPE)
7. CONCRETE CURB & GUTTER (MOUNTABLE TYPE)
8. PAVEMENT MARKINGS
9. 18" NON-PLASTIC EMBANKMENT (SAND)
10. GEOTEXTILE FABRIC
11. GEOGRID

PAYMENT FOR THE GEOTEXTILE FABRIC BETWEEN THE CLASS II BASE COURSE AND THE NON-PLASTIC SAND EMBANKMENT SHALL BE INCLUDED IN THE COST OF THE CLASS II BASE COURSE IN ACCORDANCE WITH SECTION 302.14. THE GEOTEXTILE FABRIC ON THE SIDES AND BELOW THE NON-PLASTIC EMBANKMENT LAYER SHALL BE PAID FOR UNDER ITEM 203-08-00100 AND SHALL BE MEASURED BY THE SQUARE YARD.

SHEET NUMBER 2b

PARISH	CONTROL SECTION	STATE PROJECT
PLAQUEMINES	838-06, 000-38	H.008220

DESIGN	RC	DETAIL	RC
CHECK	ML	CHECK	ML
REVIEW		SERIES #	

98% FINAL PLANS
PRELIMINARY
FOR REVIEW ONLY

ENGINEER:
R. CHATAGNIER

LICENSE #:
36885

DATE:
5/15/2025

NO.	DATE	REVISION OR CHANGE ORDER DESCRIPTION	BY

TYPICAL SECTIONS AND DETAILS
ROUNDABOUT

LA 406: ROUNDABOUT AT FE HEBERT

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

ROAD DESIGN

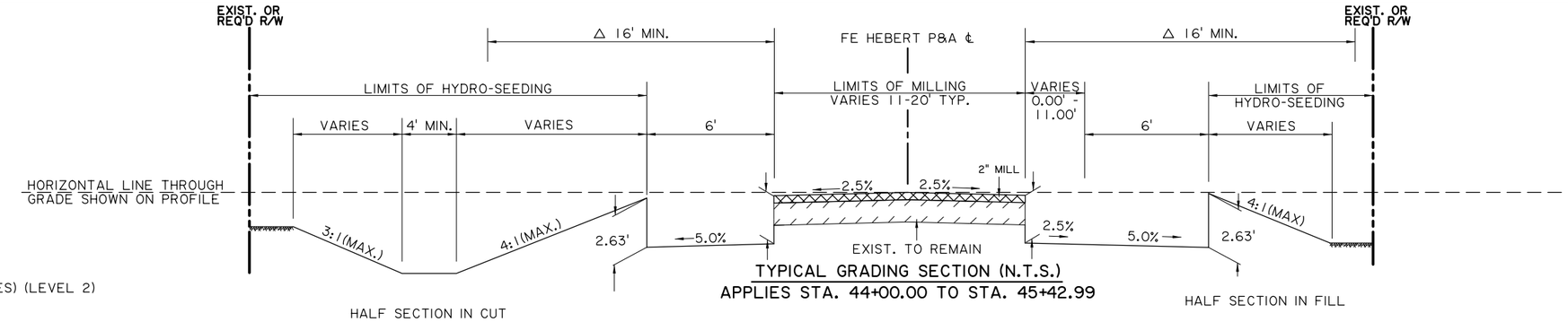
98% FINAL PLANS

LEGEND

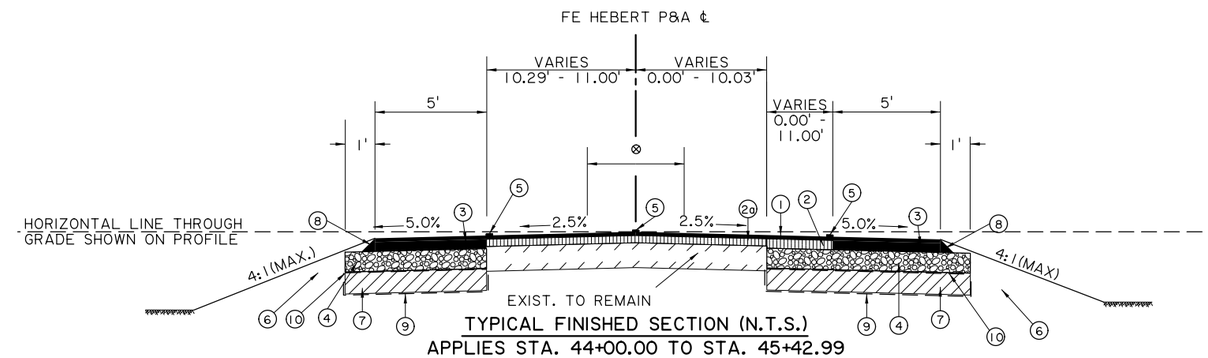
1. 2" ASPHALT CONCRETE WEARING COURSE (LEVEL 2F)
2. 6" ASPHALT CONCRETE BINDER COURSE (LEVEL 2)
2a. ASPHALT CONCRETE BINDER COURSE (THICKNESS VARIES) (LEVEL 2)
3. 8" ASPHALT CONCRETE
4. 8" CLASS II BASE COURSE (STONE OR RECYCLED P.C.C.)
5. PAVEMENT MARKINGS
6. EMBANKMENT
7. 18" NON-PLASTIC EMBANKMENT (SAND)
8. SHOULDER WEDGE
9. GEOTEXTILE FABRIC
10. GEOGRID

⊗ WIDTH VARIES, SEE GEOMETRIC DETAILS AND PAVEMENT MARKING SHEETS FOR FURTHER DETAILS

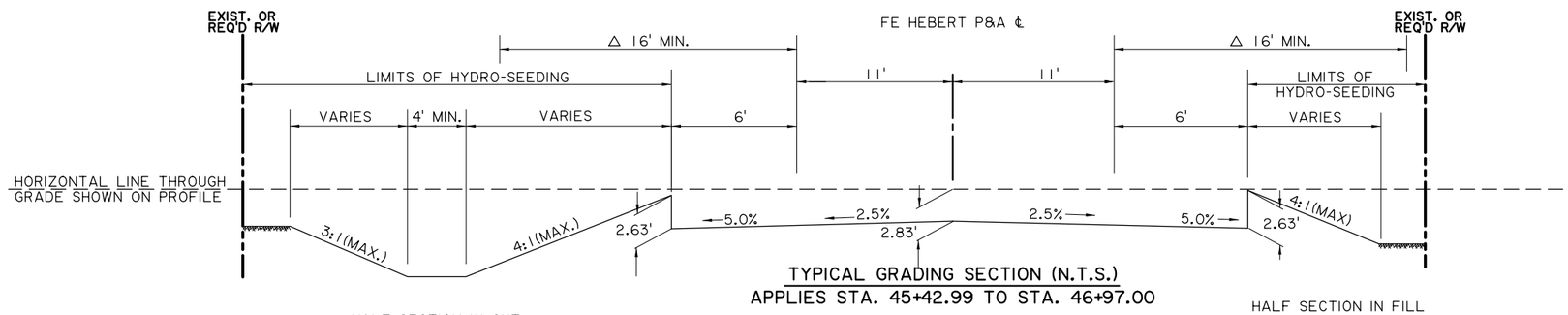
△ TO BE CONSTRUCTED FREE OF OBSTRUCTIONS



TYPICAL GRADING SECTION (N.T.S.)
APPLIES STA. 44+00.00 TO STA. 45+42.99

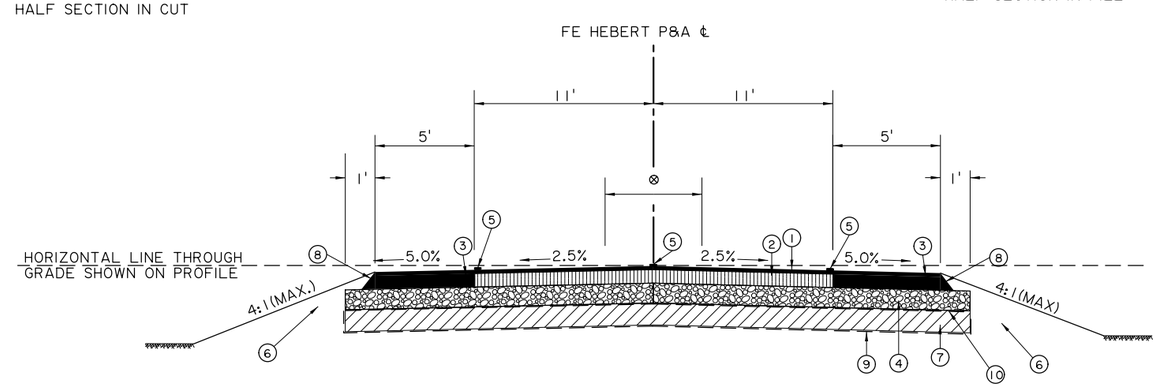


TYPICAL FINISHED SECTION (N.T.S.)
APPLIES STA. 44+00.00 TO STA. 45+42.99



TYPICAL GRADING SECTION (N.T.S.)
APPLIES STA. 45+42.99 TO STA. 46+97.00

PAYMENT FOR THE GEOTEXTILE FABRIC BETWEEN THE CLASS II BASE COURSE AND THE NON-PLASTIC SAND EMBANKMENT SHALL BE INCLUDED IN THE COST OF THE CLASS II BASE COURSE IN ACCORDANCE WITH SECTION 302.14. THE GEOTEXTILE FABRIC ON THE SIDES AND BELOW THE NON-PLASTIC EMBANKMENT LAYER SHALL BE PAID FOR UNDER ITEM 203-08-00100 AND SHALL BE MEASURED BY THE SQUARE YARD.



TYPICAL FINISHED SECTION (N.T.S.)
APPLIES STA. 45+42.99 TO STA. 46+97.00

SHEET NUMBER	2c
PARISH	PLAQUEMINES
CONTROL SECTION	838-06, 000-38
STATE PROJECT	H.008220

DESIGN RC CHECK ML DETAIL RC CHECK ML REVIEW SERIES #

98% FINAL PLANS
PRELIMINARY
FOR REVIEW ONLY

ENGINEER: R. CHATAGNIER
LICENSE #: 36885
DATE: 5/15/2025

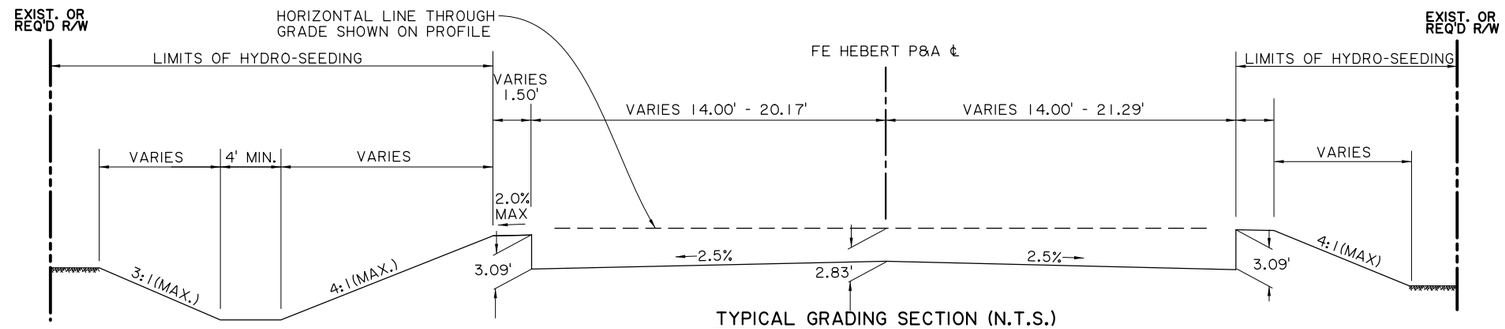
NO.	DATE	REVISION OR CHANGE ORDER DESCRIPTION	BY

TYPICAL SECTIONS AND DETAILS
FE HEBERT

LA 406: ROUNDABOUT AT FE HEBERT

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT
ROAD DESIGN

98% FINAL PLANS



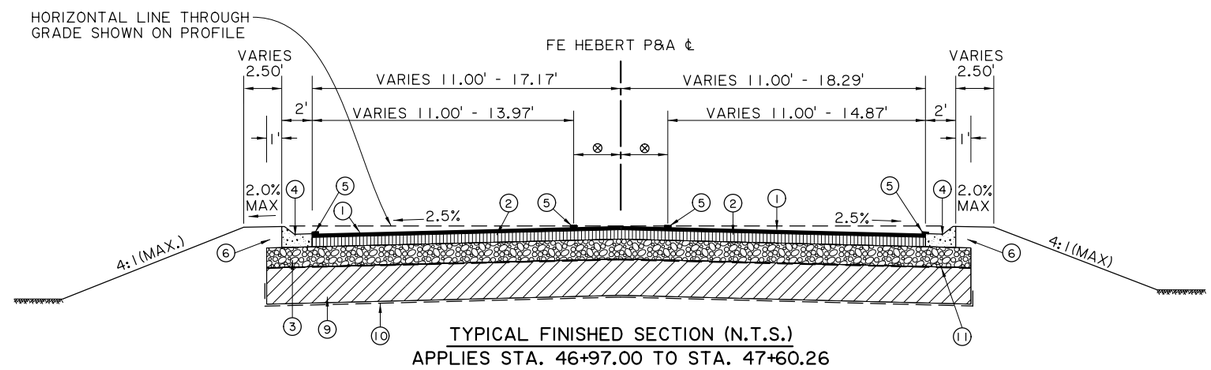
HALF SECTION IN CUT

TYPICAL GRADING SECTION (N.T.S.)
APPLIES STA. 46+97.00 TO STA. 47+60.26

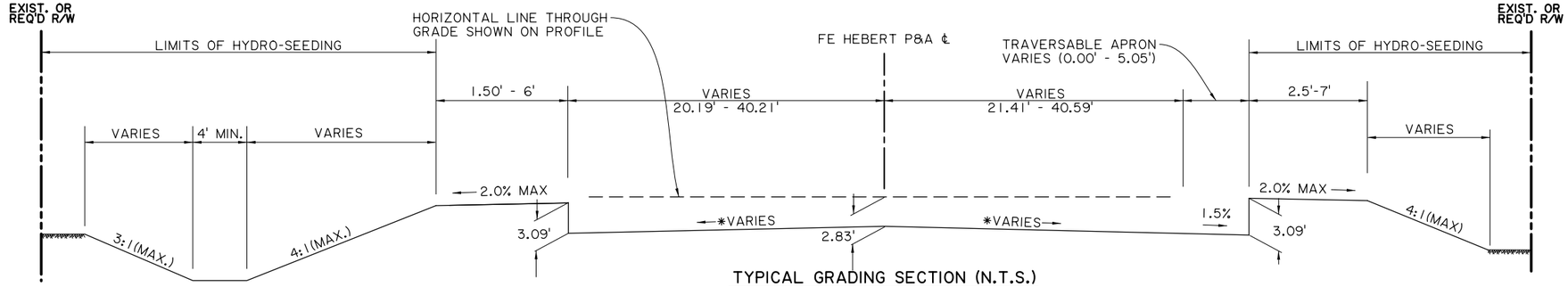
HALF SECTION IN FILL

LEGEND

1. 2" ASPHALT CONCRETE WEARING COURSE (LEVEL 2F)
2. 6" ASPHALT CONCRETE BINDER COURSE (LEVEL 2)
3. 8" CLASS II BASE COURSE (STONE OR RECYCLED P.C.C.)
4. CONCRETE COMBINATION CURB & GUTTER (MOUNTABLE TYPE)
5. PAVEMENT MARKINGS
6. EMBANKMENT
7. 3" MOUNTABLE CURB
8. 5" INCIDENTAL CONCRETE PAVING (COLORED) (SPLITTER ISLAND) (BRICK RED - BROOM FINISH)
9. 18" NON-PLASTIC EMBANKMENT (SAND)
10. GEOTEXTILE FABRIC
11. GEOGRID
12. 11" PCC PAVEMENT (COLORED) (BRICK RED - BROOM FINISH)



TYPICAL FINISHED SECTION (N.T.S.)
APPLIES STA. 46+97.00 TO STA. 47+60.26



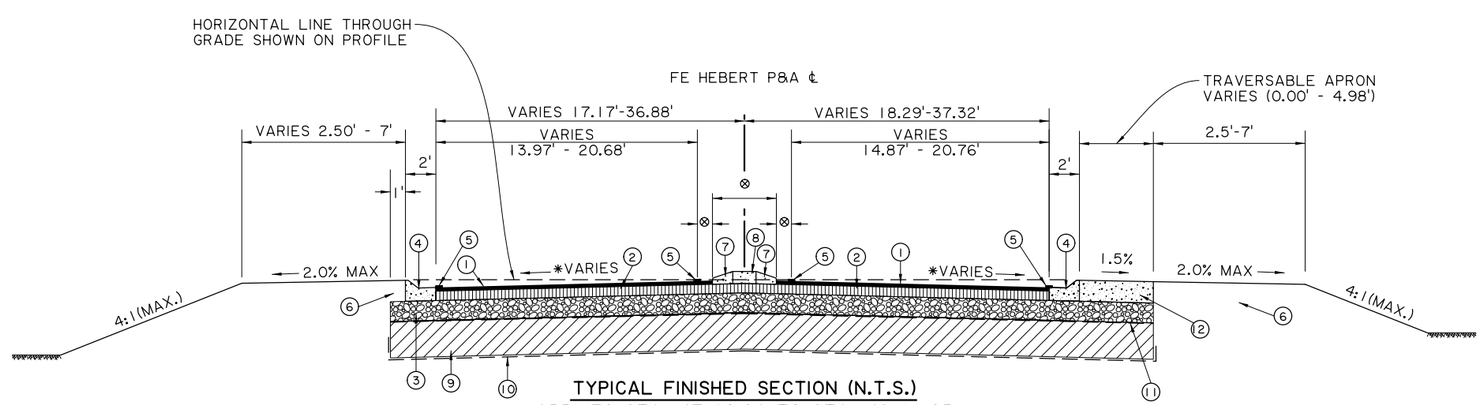
HALF SECTION IN CUT

TYPICAL GRADING SECTION (N.T.S.)
APPLIES STA. 47+60.26 TO STA. 48+11.95

HALF SECTION IN FILL

⊗ WIDTH VARIES, SEE GEOMETRIC DETAILS AND PAVEMENT MARKING SHEETS FOR FURTHER DETAILS

✱ SEE GRAPHICAL GRADES SHEET FOR DETAILS



TYPICAL FINISHED SECTION (N.T.S.)
APPLIES STA. 47+60.26 TO STA. 48+11.95

PAYMENT FOR THE GEOTEXTILE FABRIC BETWEEN THE CLASS II BASE COURSE AND THE NON-PLASTIC SAND EMBANKMENT SHALL BE INCLUDED IN THE COST OF THE CLASS II BASE COURSE IN ACCORDANCE WITH SECTION 302.14. THE GEOTEXTILE FABRIC ON THE SIDES AND BELOW THE NON-PLASTIC EMBANKMENT LAYER SHALL BE PAID FOR UNDER ITEM 203-08-00100 AND SHALL BE MEASURED BY THE SQUARE YARD.

SHEET NUMBER 2d

PARISH: PLAQUEMINES
CONTROL SECTION: 838-06, 000-38
STATE PROJECT: H.008220

DESIGN: RC
CHECK: ML
DETAIL: RC
CHECK: ML
REVIEW:
SERIES #:

98% FINAL PLANS
PRELIMINARY
FOR REVIEW ONLY

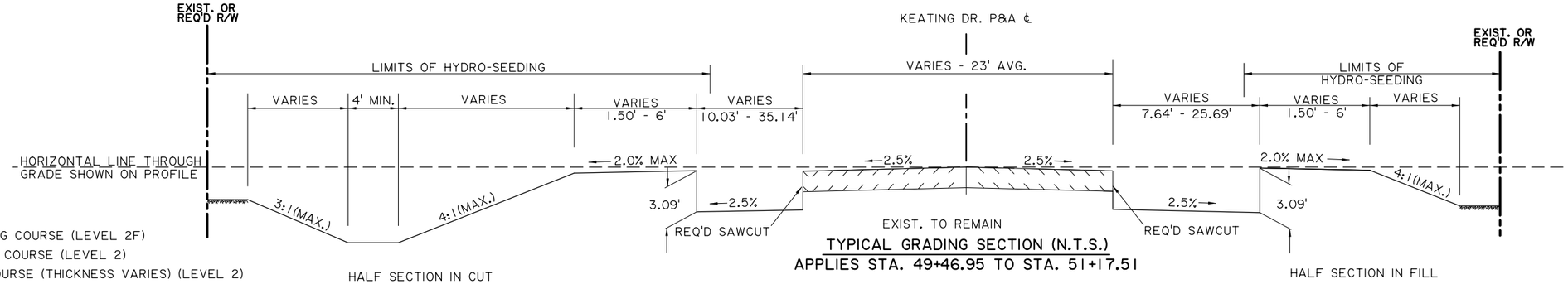
ENGINEER: R. CHATAGNIER
LICENSE #: 36885
DATE: 5/15/2025

NO.	DATE	REVISION OR CHANGE ORDER DESCRIPTION	BY

TYPICAL SECTIONS AND DETAILS
FE HEBERT

LA 406: ROUNDABOUT AT FE HEBERT

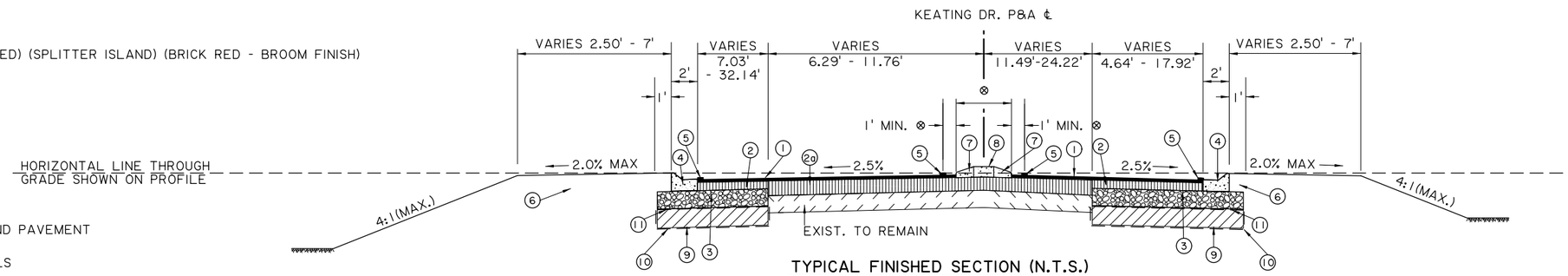
DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT
ROAD DESIGN



TYPICAL GRADING SECTION (N.T.S.)
APPLIES STA. 49+46.95 TO STA. 51+17.51

LEGEND

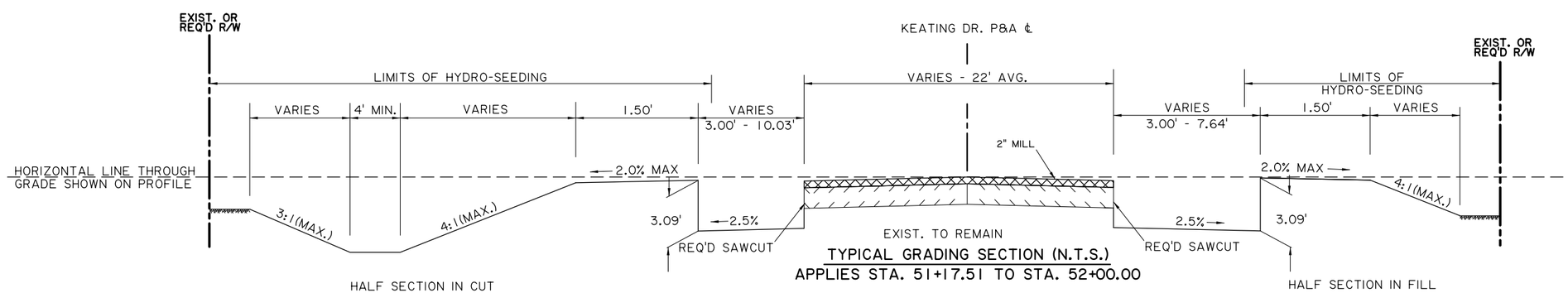
1. 2" ASPHALT CONCRETE WEARING COURSE (LEVEL 2F)
2. 6" ASPHALT CONCRETE BINDER COURSE (LEVEL 2)
2a. ASPHALT CONCRETE BINDER COURSE (THICKNESS VARIES) (LEVEL 2)
3. 8" CLASS II BASE COURSE (STONE OR RECYCLED P.C.C.)
4. CONCRETE COMBINATION CURB & GUTTER (MOUNTABLE TYPE)
5. PAVEMENT MARKINGS
6. EMBANKMENT
7. 3" MOUNTABLE CURB
8. 5" INCIDENTAL CONCRETE PAVING (COLORED) (SPLITTER ISLAND) (BRICK RED - BROOM FINISH)
9. 18" NON-PLASTIC EMBANKMENT (SAND)
10. GEOTEXTILE FABRIC
11. GEOGRID



TYPICAL FINISHED SECTION (N.T.S.)
APPLIES STA. 49+46.95 TO STA. 51+17.51

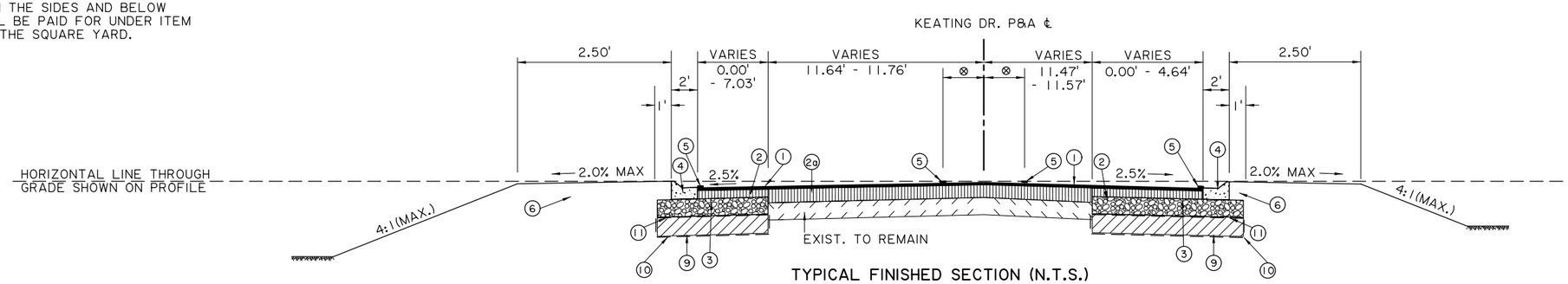
⊗ WIDTH VARIES, SEE GEOMETRIC DETAILS AND PAVEMENT MARKING SHEETS FOR FURTHER DETAILS

✱ SEE GRAPHICAL GRADES SHEET FOR DETAILS



TYPICAL GRADING SECTION (N.T.S.)
APPLIES STA. 51+17.51 TO STA. 52+00.00

PAYMENT FOR THE GEOTEXTILE FABRIC BETWEEN THE CLASS II BASE COURSE AND THE NON-PLASTIC SAND EMBANKMENT SHALL BE INCLUDED IN THE COST OF THE CLASS II BASE COURSE IN ACCORDANCE WITH SECTION 302.14. THE GEOTEXTILE FABRIC ON THE SIDES AND BELOW THE NON-PLASTIC EMBANKMENT LAYER SHALL BE PAID FOR UNDER ITEM 203-08-00100 AND SHALL BE MEASURED BY THE SQUARE YARD.



TYPICAL FINISHED SECTION (N.T.S.)
APPLIES STA. 51+17.51 TO STA. 52+00.00

SHEET NUMBER	2e
PARISH	PLAQUEMINES
CONTROL SECTION	838-06, 000-38
STATE PROJECT	H.008220

DESIGN RC
CHECK ML
DETAIL RC
CHECK ML
REVIEW
SERIES #

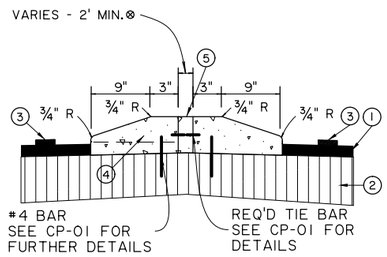
98% FINAL PLANS
PRELIMINARY
FOR REVIEW ONLY

ENGINEER: R. CHATAGNIER
LICENSE #: 36885
DATE: 5/15/2025

NO.	DATE	REVISION OR CHANGE ORDER DESCRIPTION	BY

TYPICAL SECTIONS AND DETAILS
KEATING DR.
LA 406: ROUNDABOUT AT FE HEBERT

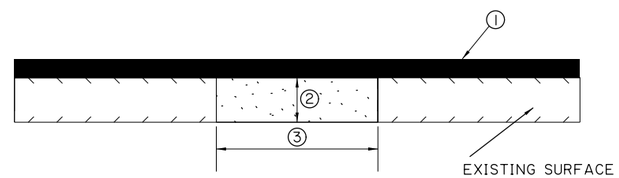
DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT
ROAD DESIGN



SPLITTER ISLAND DETAIL (N.T.S.)

LEGEND

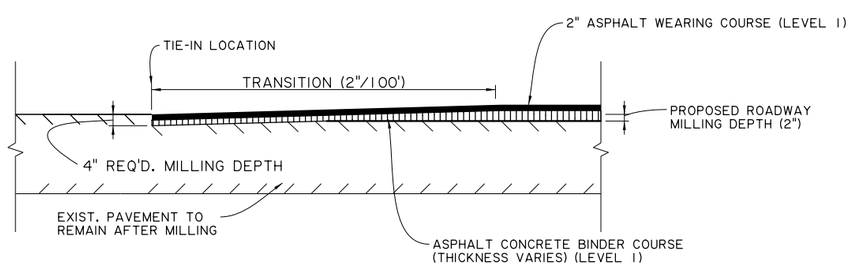
1. 2" ASPHALT CONCRETE WEARING COURSE (LEVEL 2F)
2. ASPHALT CONCRETE BINDER COURSE (THICKNESS VARIES) (LEVEL 2)
3. PAVEMENT MARKINGS
4. 3" MOUNTABLE CURB
5. 5" INCIDENTAL CONCRETE PAVING (COLORED) (SPLITTER ISLAND) (BRICK RED - BROOM FINISH)



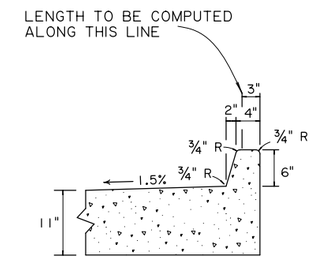
PATCHING DETAIL (N.T.S.)

LEGEND

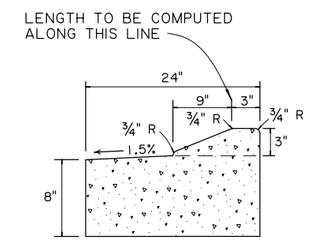
1. ASPHALT CONCRETE (COURSES AND LEVELS AS SHOWN ON TYPICAL SECTIONS)
2. 14" MIN. ASPHALT CONCRETE PAVEMENT PATCH (PATCHING SHALL EXTEND TO BOTTOM OF EXISTING BASE)
3. PATCH LIMITS



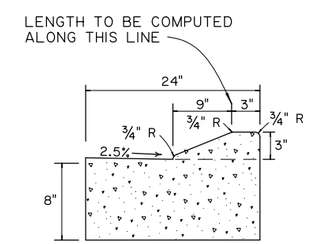
ASPHALT CONCRETE TRANSITION DETAIL



BARRIER CURB (INTEGRAL)(MONOLITHIC) (APPLIES TO THIS SHEET)



MOUNTABLE CURB & GUTTER (MONOLITHIC) (APPLIES TO CIRCULATORY ROADWAY)



MOUNTABLE CURB & GUTTER (MONOLITHIC) (APPLIES TO ALL TYPICALS)

98% FINAL PLANS

IP_PWP:d0696187\002f_Typical Sections.dgn

SHEET NUMBER	2f
PARISH	PLAQUEMINES
CONTROL SECTION	838-06, 000-38
STATE PROJECT	H.008220

DESIGN RC
CHECK ML
DETAIL RC
CHECK ML
REVIEW
SERIES #

98% FINAL PLANS
PRELIMINARY
FOR REVIEW ONLY

ENGINEER: R. CHATAGNIER
LICENSE #: 36885
DATE: 5/15/2025

NO.	DATE	REVISION OR CHANGE ORDER DESCRIPTION	BY

TYPICAL SECTIONS AND DETAILS

LA 406: ROUNDABOUT AT FE HEBERT

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT
ROAD DESIGN

EARTHWORK

STATION	STATION	DESCRIPTION	GENERAL EXCAVATION	EMBANKMENT
			CUYD	CUYD
103+75.00	109+25.49	WEST APPROACH	1153	1626
110+60.49	115+50.00	EAST APPROACH	1220	484
500+00.00	502+98.45	ROUNDABOUT	32	2158
TOTALS C.S.838-06			**2405**	**4268**
114+16.50	118+81.04	F.E. HEBERT	2533	1126
50+67.39	55+30.81	KEATING	118	105
TOTALS C.S. 000-38			**2651**	**1231**
			5056	**5499**

CLASS II BASE COURSE & NONPLASTIC EMBANKMENT

STATION	STATION	DESCRIPTION	EQUA.	LENGTH	AVG. WIDTH	NON PLASTIC EMBANKMENT 18" THICK	8" CLASS II BASE COURSE
			FEET	FEET	FEET	CUYD	SQYD
103+75.00	115+50.00	LA 406	2.97	1177.97	VARIES	1804	3607.1
TOTAL C.S. 838-06						**1804**	**3607.1**
44+00.00	48+11.95	F.E. HEBERT		411.95	VARIES	683	1365.5
49+46.95	52+00.00	KEATING	-117.90	135.15	VARIES	143	285.8
TOTAL C.S. 000-38						**826**	**1651.3**
TOTALS						**2630**	**5258.4**

ASPHALT CONCRETE

STATION	STATION	DESCRIPTION	EQUA.	LENGTH	WIDTH	WEARING COURSE AREA	2.0" WEARING COURSE	BINDER COURSE AREA	6.0" BINDER COURSE	VARYING BINDER COURSE	WIDTH	SHOULDER AREA	8.0" ASPHALT CONCRETE	SHOULDER WEDGE
			FEET	FEET	FEET	SQYD	TONS	SQYD	TONS	TONS	FEET	SQYD	TONS	TONS
103+75.00	109+25.49	LA 406 WEST APPROACH WIDENING		550.49	VARIES	666.6	73.3	691.6	228.2					
103+75.00	109+25.49	LA 406 WEST APPROACH OVERLAY EXISTING		550.49	VARIES	1110.3	122.1	1538.7		483.1				
103+75.00	105+15.00	LA 406 WEST APPROACH SHOULDER		140.00	VARIES						8	124.4	54.7	4.2
110+60.49	115+50.00	LA 406 EAST APPROACH WIDENING	2.97	492.48	VARIES	546.4	60.1	605.1	199.7					
110+60.49	115+50.00	LA 406 EAST APPROACH OVERLAY EXISTING	2.97	492.48	VARIES	1235.1	135.9	1450.5		376.2				
114+60.00	115+50.00	LA 406 EAST APPROACH SHOULDER	2.97	92.97	VARIES						16	165.3		2.8
500+00.00	502+98.45	LA 406 ROUNDABOUT WIDENING		298.45	VARIES	911.7	100.3	911.7	300.9					
500+00.00	502+98.45	LA 406 ROUNDABOUT OVERLAY EXISTING		298.45	VARIES	111.1	12.2	111.1		485.1				
TOTAL C.S. 838-06							**503.9**		**728.8**	**1344.4**			**54.7**	**7.0**
44+00.00	45+42.99	FE HEBERT OVERLAY		142.99	VARIES	309.6	34.1			26.0	22			
45+42.99	48+11.95	FE HEBERT		268.96	VARIES	891.5	95.8		294.2					8.3
44+00.00	46+97.00	FE HEBERT SHOULDER		297.00	VARIES						10	330.0	145.2	8.3
49+46.95	52+00.00	KEATING DR.WIDENING	-117.90	135.15	VARIES	193.1	20.5		63.7					
49+46.95	52+00.00	KEATING DR. OVERLAY EXISTING	-117.90	135.15	VARIES	349.3	32.2			307.0	23			
TOTAL C.S. 000-38							**182.6**		**357.9**	**333.0**			**145.2**	**16.6**
TOTAL							**686.5**		**1086.7**	**1677.4**			**199.9**	**23.6**
TOTAL FOR ALL SECTIONS							**3674.1**							

PAVEMENT PATCHING

STATION	DESCRIPTION	LENGTH	AVG. WIDTH	14" MINIMUM THICKNESS
		FEET	FEET	SQYD
108+47.00	CROSS DRAIN	19.24	36.0	77
TOTALS C.S. 838-06				**77**
49+55.00	STORM DRAIN	7.00	24.0	19
TOTAL C.S. 000-38				**19**
TOTALS				**96**

PLASTIC PAVEMENT STRIPING

	STATION	STATION	DESCRIPTION	EQUA.	LENGTH	REFLECTORIZED RAISED PAVT. MARKINGS	SOLID LINE (4" WIDTH)	SOLID LINE (8" WIDTH)	DOTTED LINE (24" WIDTH)	PAVEMENT SYMBOL (BIKE WITH STRAIGHT ARROW)	RUMBLE STRIPS (CENTERLINE)
				FEET	FEET	EACH	MILES	LNFT	LNFT	EACH	MILES
*	103+75.00	109+61.61	WEST APPROACH		586.61	36	0.432				**0.018**
*	110+43.33	115+50.00	EAST APPROACH	2.97	509.6	46	0.376				
*	500+00.00	502+98.45	CIRCULATORY ROADWAY		298.45			439	191		
	TOTALS C.S. 838-06					**82**	**0.808**	**439**	**191**		**0.018**
*	44+00.00	48+38.32	F.E. HEBERT		438.32	14	0.361			2	
*	49+41.42	52+00.00	KEATING	-117.90	140.68	18	0.125				
	TOTALS C.S.000-03					**32**	**0.486**			**2**	
	TOTALS					**114**	**1.294**	**439**	**191**	**2**	**0.018**

*STATION RANGES DO NOT REFLECT ACTUAL LENGTHS

DRIVEWAYS

STATION	DESCRIPTION	SIDE OF CL	LENGTH	AVG. WIDTH	SQYD	ASPHALT CONCRETE DRIVES, TURNOUTS, AND MISC.	4" AGGREGATE SURFACE COURSE	CONCRETE DRIVE (6" THICK)
			FEET	FEET		TON	CUYD	SQYD
105+95.00	CONCRETE DRIVE	LT.	44.0	VARIES	155.3			155.3
106+08.00	AGGREGATE DRIVE	RT.	27.0	VARIES	36.5		4.1	
	CONCRETE APRON	RT.	9.0	VARIES	18.0			18.0
112+00.00	CONCRETE DRIVE	LT.	43.6	VARIES	295.0			295.0
113+60.00	CONCRETE DRIVE	LT.	37.7	VARIES	125.1			125.1
TOTALS C.S. 838-06							**4.1**	**593.4**
45+13.00	AGGREGATE DRIVE	RT.	29.6	VARIES	185.4		20.4	185.4
	ASPHALT APRON	RT.	5.0	VARIES	40.0	40.0		
51+20.00	CONCRETE DRIVE	RT.	21.5	VARIES	195.8			195.8
TOTALS C.S. 000-38						**40.0**	**20.4**	**381.2**
TOTALS						**40.0**	**24.5**	**974.6**

SHEET NUMBER 03

PARISH: PLAQUEMINES
CONTROL SECTION: 838-06, 000-38
STATE PROJECT: H.008220

DESIGN: RC
CHECK: ML
DETAIL: RC
CHECK: ML
REVIEW:
SERIES #:

98% FINAL PLANS
PRELIMINARY
FOR REVIEW ONLY

ENGINEER:
R. CHATAGNIER

LICENSE #:
36885

DATE:
5/15/2025

NO.	DATE	REVISION OR CHANGE ORDER DESCRIPTION	BY

SUMMARY SHEETS

LA 406: ROUNDABOUT AT FE HEBERT

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT
ROAD DESIGN

SIGNS AND SIGN POSTS

MUTCD SIGN #	DESCRIPTION	# OF SIGNS	DIMENSIONS		SIGN (TYPE A)	SIGN (TYPE B)	SQUARE TUBING POST W/ 2-1/4" ANCHOR	BREAKAWAY SQUARE TUBING SIGN SUPPORT W/ MOWING PAD	BREAKAWAY SQUARE TUBING SIGN SUPPORT (WET CONCRETE)
			IN	IN	SQFT	SQFT	EACH	EACH	EACH
M1-5	STATE ROUTE SIGN	6	30	24	30.0			4	
M3-1P	CARDINAL DIRECTION (NORTH)	2	24	12	4.0				
M3-3P	CARDINAL DIRECTION (SOUTH)	2	24	12	4.0				
M6-3P	DIRECTIONAL ARROW (THRU)	4	21	15	8.8				
R1-2	YIELD	4	36	36	15.6			2	2
R2-1	SPEED LIMIT	2	24	30	10.0			2	
R4-7	KEEP RIGHT	2	24	30	10.0				2
R6-1	ONE WAY	2	36	12	6.0				
R6-4a	ROUNDABOUT DIRECTIONAL (3 CHEVRONS)	2	48	24	16.0		2		
W2-6	CIRCULAR INTERSECTION	2	30	30	12.5			2	
W3-2	YIELD AHEAD	2	30	30	12.5			2	
W13-1P	15 MPH ADVISORY SPEED	2	18	18	4.5				
2H.02	LA SPCA SIGN	2	30	24	10.0			2	
2H.02	C.A.R.E CENTER SIGN	2	30	24	10.0			2	
M1-9	MRT SIGN	2	24	30	10.0			2	
M6-1	BICYCLE ROUTE ARROW SIGN	2	18	9	2.3				
	C.S. 838-06 TOTALS				**166.2**		**2**	**18**	**4**
D3-1	CIRCULAR INTERSECTION DESTINATION (F EDWARD HEBERT BLVD.)	1	42	24	12.0				1
D3-1	CIRCULAR INTERSECTION DESTINATION (KEATING DR.)	1	42	12	24.0				1
M6-2	DIRECTIONAL ARROW (AUX)	2	30	21	8.8				
M1-5	STATE ROUTE SIGN	4	30	24		20.0		2	
M3-1P	CARDINAL DIRECTION (NORTH)	2	24	12		4.0			
M3-3P	CARDINAL DIRECTION (SOUTH)	2	24	12		4.0			
M5-1P	ADVANCE TURN ARROW (RIGHT)	2	21	15		4.4			
M5-3P	ADVANCE TURN ARROW (LEFT)	2	21	15		4.4			
M6-2P	DIRECTIONAL ARROW (DIAGONAL)	2	21	15	4.4				
R1-2	YIELD	4	36	36	15.6			2	2
R2-1	SPEED LIMIT	2	24	30	10.0			2	
R4-7	KEEP RIGHT	2	24	30	10.0				2
R6-1	ONE WAY	2	36	12	6.0				
R6-4	ROUNDABOUT DIRECTIONAL (2 CHEVRONS)	2	30	24	10.0		2		
W2-6	CIRCULAR INTERSECTION	2	30	30	12.5			2	
W3-2	YIELD AHEAD	2	30	30	12.5			2	
W13-1P	15 MPH ADVISORY SPEED	2	18	18	4.5	4.5			
M1-9	MRT SIGN	2	24	30	10.0			1	
M6-1	BICYCLE ROUTE ARROW SIGN	1	18	9	1.1				
R3-17	BIKE LANE SIGN	2	24	18	6.0			2	
R3-17aP	BICYCLE LANE AHEAD	1	24	8	1.3				
R3-17bP	BICYCLE LANE ENDS	1	24	8	1.3				
R4-11	BICYCLE MAY USE FULL LANES SIGN	1	30	18	3.8				
	C.S. 000-38 TOTALS				**153.8**	**41.3**	**2**	**13**	**6**
	TOTALS				**320.0**	**41.3**	**4**	**31**	**10**

CURB AND GUTTER

STATION	STATION	DESCRIPTION	SIDE OF CL	LENGTH*	CONCRETE CURB	COMBINATION CURB & GUTTER
				LNFT	LNFT	LNFT
105+15.00	109+25.49	WEST APPROACH MOUNTABLE CURB & GUTTER	LT.	410.5		410.5
105+15.00	109+25.49	WEST APPROACH MOUNTABLE CURB & GUTTER	RT.	410.5		410.5
106+28.96	109+25.49	WEST APPROACH MOUNTABLE CURB SPLITTER ISLAND	-	296.5	642.3	
110+60.49	114+60.00	EAST APPROACH MOUNTABLE CURB & GUTTER	LT.	399.5		399.5
110+60.49	114+60.00	EAST APPROACH MOUNTABLE CURB & GUTTER	RT.	399.5		399.5
110+60.49	113+33.02	EAST APPROACH MOUNTABLE CURB SPLITTER ISLAND	-	272.5	595.3	
500+00.00	502+98.45	COMBINATION CURB AND GUTTER ROUNDABOUT	-	298.4	298.4	158.2
500+00.00	502+98.45	CONCRETE CURB AT CENTRAL MOUND	-	298.4		298.4
		C.S. 838-06 TOTALS			**1536.0**	**2076.6**
46+97.00	48+11.95	F.E. HEBERT	LT.	115.0		115.0
46+97.00	48+11.95	F.E. HEBERT	RT.	115.0		115.0
49+43.74	52+00.00	KEATING	LT.	256.3		256.3
49+42.91	52+00.00	KEATING	RT.	257.1		257.1
47+60.26	48+11.37	F.E. HEBERT MOUNTABLE CURB SPLITTER ISLAND	-	51.1	145.3	
49+46.95	51+17.51	KEATING MOUNTABLE CURB SPLITTER ISLAND	-	170.6	143.9	
		C.S.000-03 TOTALS			**289.2**	**743.4**
		TOTALS			**1825.2**	**2820.0**

*STATION RANGES DO NOT REFLECT ACTUAL LENGTHS

TEMPORARY EROSION CONTROL

STATION	STATION	DESCRIPTION	SIDE OF CL	LENGTH FEET	WIDTH FEET	TYPE A SQYD
44+00.00	47+15.00	F.E. HEBERT	LT.	315.00	17	595
46+13.00	48+11.95	F.E. HEBERT	RT.	198.95	18	398
		TOTAL C.S. 000-03				**993**
		TOTAL				**993**

GEOTEXTILE FABRIC AND GEOGRID

STATION	STATION	DESCRIPTION	EQUA.	LENGTH	AVG. WIDTH	GEOTEXTILE FABRIC	GEOGRID
			FEET	FEET	FEET	SQYD	SQYD
103+75.00	115+50.00	LA 406 CORRIDOR	2.97	1177.97	VARIES	4163	3607
		TOTAL C.S. 838-06				**4163**	**3607**
44+00.00	48+11.56	FE HEBERT		411.56	VARIES	1633	1365
49+47.88	52+00.00	KEATING DR.	-117.90	134.22	VARIES	382	286
		TOTAL C.S. 000-38				**2015**	**1651**
		TOTAL				**6178**	**5258**

INCIDENTAL CONCRETE PAVING (COLORED)

STATION	STATION	DESCRIPTION	WIDTH	5" THICK	11" THICK
				SQYD	SQYD
106+28.96	109+25.07	WEST APPROACH SPLITTER ISLAND	VARIES	329.7	
110+59.93	113+33.02	EAST APPROACH SPLITTER ISLAND	VARIES	297.7	
500+00.00	502+98.45	CENTRAL TRUCK APRON	21.5		529.9
501+41.59	501+96.30	OUTER TRUCK APRON	VARIES		31.4
		TOTAL C.S. 838-06		**627.4**	**561.3**
47+60.27	48+12.41	F.E. HEBERT APPROACH SPLITTER ISLAND	VARIES	60.2	
49+46.58	51+17.51	KEATING APPROACH SPLITTER ISLAND	VARIES	52.5	
		TOTAL C.S. 000-38		**112.7**	
		TOTAL		**740.1**	**561.3**

SHEET NUMBER 03a

PARISH: PLAQUEMINES
CONTROL SECTION: 838-06, 000-38
STATE PROJECT: H.008220

DESIGN: RC
CHECK: ML
DETAIL: RC
CHECK: ML
REVIEW:
SERIES #:

98% FINAL PLANS
PRELIMINARY
FOR REVIEW ONLY

ENGINEER:
R. CHATAGNIER

LICENSE #:
36885

DATE:
5/15/2025

NO.	DATE	REVISION OR CHANGE ORDER DESCRIPTION	BY

STATE OF LOUISIANA

SUMMARY SHEETS

LA 406: ROUNDABOUT AT FE HEBERT

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT
ROAD DESIGN

MILLING OF ASPHALT PAVEMENT

STATION	STATION	DESCRIPTION	EQUA.	LENGTH	AVG. WIDTH	SQYD	ASPHALT MILLING	CONCRETE MILLING
			FEET	FEET	FEET		SQYD	SQYD
103+75.00	115+50.00	LA 406 MILLING	2.97	1177.97	25.5	3337.6	3338	
TOTAL C.S. 838-06							**3338**	
44+00.00	45+42.99	F.E. HEBERT		143.0	20.0	317.8		317.8
51+17.51	52+00.00	KEATING	-117.9	82.5	23.0	210.8		210.8
TOTAL C.S. 000-38								**528.6**
TOTAL							**3338**	**528.6**

SAW CUTTING

STATION		DESCRIPTION	SIDE OF CL	EQUA.	LENGTH	DEPTH	ASPHALT SAWCUTTING	PCC SAWCUTTING
				FEET	FEET	INCH	INLF	INLF
103+75.00	109+97.00	WEST APPROACH WIDENING	RT.	2.97	624.97	10	6250	
103+75.00	109+77.01	WEST APPROACH WIDENING	LT.	2.97	604.98	10	6050	
109+97.00	115+50.00	EAST APPROACH WIDENING	RT.	2.97	555.97	10	5560	
110+50.97	115+50.00	EAST APPROACH WIDENING	LT.	2.97	502.00	10	5020	
TOTAL FOR C.S. 838-06							**22880**	**0**
44+00.00	45+42.99	F.E. HEBERT	RT.		142.99	9		143
44+00.00	45+42.99	F.E. HEBERT	LT.		142.99	9		143
45+42.99		END WIDENING/BEGIN FULL DEPTH CONCTRUCTION	N/A		22.0	9		22
49+08.07	52+00.00	KEATING WIDENING	RT.		291.93	8		292
48+89.94	52+00.00	KEATING WIDENING	LT.		310.06	8		310
TOTAL C.S. 000-38							**0**	**910**
TOTALS							**22880**	**910**

REMOVAL OF

	STATION	STATION	DESCRIPTION	SIDE OF CL	EQUA.	LENGTH	AVG. WIDTH	SQYD	PCC PAVEMENT	PAVEMENT STRUCTURE	CONCRETE WALKS AND DRIVES	CONCRETE CURB
					FEET	FEET	FEET		SQYD	SQYD	SQYD	LNFT
	103+75.00	110+15.00	LA 406 SHOULDER	LT.		640.0	4.0	284.4		284.4		
	110+15.00	113+15.00	LA 406 SHOULDER	LT.		300.0	6.0	200.0		200.0		
	113+15.00	115+50.00	LA 406 SHOULDER	LT.	2.97	232.0	8.0	206.2		206.2		
	103+75.00	106+00.00	LA 406 SHOULDER	RT.		225.0	4.0	100.0		100.0		
	106+85.00	112+05.00	LA 406 SHOULDER	RT.		520.0	6.0	346.7		346.7		
	112+05.00	115+50.00	LA 406 SHOULDER	RT.	2.97	345.0	8.0	306.7		306.7		
	105+95.00		CONCRETE DRIVE	LT.		53.5	VARIES				161	
	109+69.49	110+38.01	EXISTING PAVEMENT UNDER CIRCULAR ISLAND	N/A		68.5	VARIES			120.9		
	111+20.00		CONCRETE DRIVE	LT.		58.8	VARIES				232	
	112+00.00		CONCRETE DRIVE	LT.		78.5	VARIES				297	
	113+60.00		CONCRETE DRIVE	LT.		39.5	VARIES				135	
	TOTALS FOR C.S. 838-06									**1564.9**	**825**	
Δ	44+90.74	49+87.82	ABANDONED FE HEBERT ALGNIMENT	N/A		497.1	30.0	1657.0	1657			
	48+98.47	52+00.00	KEATING CURB	LT.	-117.9	183.6						183.6
	49+11.50	52+00.00	KEATING CURB	RT.	-117.9	170.6						170.6
	51+20.00		CONCRETE DRIVE	RT.		104.5	VARIES				261	
	TOTALS FOR C.S. 000-38									**0.0**	**261**	**354.2**
	TOTALS								**1657**	**1564.9**	**1086**	**354.2**

Δ STATIONS BASED OFF OF SURVEY & ABANDONED CENTERLINE

TEMPORARY EROSION CONTROL

STATION		DESCRIPTION	TEMP. SEDIMENT CHECK DAMS	TEMP. HAY BALES	SILT FENCING
			EACH	EACH	LNFT
103+75.00	109+35.00	WEST APPROACH	3		1009
110+77.04	115+50.00	EAST APPROACH	8	24	928
TOTAL C.S. 838-06			**11**	**24**	**1937**
44+00.00	47+60.00	F.E. HEBERT	7		776
49+57.68	52+00.00	KEATING			233
TOTAL C.S. 000-03			**7**		**1009**
TOTAL			**18**	**24**	**2946**

STATION RANGES DO NOT REFLECT ACTUAL LENGTHS

TEMPORARY PAVEMENT STRIPING

	STATION	STATION	DESCRIPTION	EQUA.	LENGTH	REFLECTORIZED RAISED PAVT. MARKINGS	SOLID LINE (4" WIDTH)	SOLID LINE (8" WIDTH)	BROKEN LINE (4" WIDTH)	SOLID LINE (24" WIDTH)
				FEET	FEET	EACH	MILE	LNFT	MILE	LNFT
	108+48.42	108+72.58	PATCHING	2.97	24.2		0.014			
	103+75.00	115+50.00	LA 406 PHASE II (4 APPLICATIONS)	2.97	1178.0		3.570			
	103+75.00	109+25.49	WEST APPROACH PHASE III		550.5		0.417		0.006	107
	110+60.49	115+50.00	EAST APPROACH III	2.97	492.5		0.373		0.009	117
*	500+00.00	502+98.45	CIRCULATORY ROADWAY PHASE III		298.4		0.025			
	500+00.00	502+98.45	CIRCULATORY ROADWAY PHASE IV		298.4			298		
*	103+75.00	109+25.49	WEST APPROACH PHASE IV		957.0		0.400		0.006	
*	110+58.11	115+50.00	EAST APPROACH IV	2.97	1018.0		0.387		0.009	
	TOTALS C.S. 838-06						**5.186**	**298**	**0.030**	**224**
	500+00.00	503+56.06	F.E. HEBERT DIVERSION ROAD		356.1	18	0.270			
	48+61.33	49+79.45	F.E. HEBERT OVERLAY PHASE II		118.1		0.268			71
Δ	44+00.00	48+11.95	F.E HEBERT PHASE III		568.3		0.431		0.006	67
	44+00.00	48+11.95	F. E. HEBERT PHASE IV		568.3		0.431		0.006	
	48+96.39	52+00.00	KEATING PHASE II (10 APPLICATIONS)	-117.90	185.7		1.407			
	49+46.95	52+00.00	KEATING PHASE III	-117.90	135.2		0.102		0.007	68
	49+46.95	52+00.00	KEATING PHASE IV	-117.90	135.2		0.102		0.007	
	TOTALS C.S.000-03						**3.011**		**0.026**	**206**
	TOTALS						**8.197**	**298**	**0.056**	**430**

Δ STATIONS BASED OFF OF SURVEY & ABANDONED CENTERLINE
*STATION RANGES DO NOT REFLECT ACTUAL LENGTHS

REMOVAL OF EXISTING DRAINAGE STRUCTURES *

STATION	DESCRIPTION	SIDE OF C/L	LENGTH
		LNFT	FEET
105+64	24" SIDE DRAIN PIPE	LT.	168
106+51	24" SIDE DRAIN PIPE	LT.	5
107+74	42" SIDE DRAIN PIPE	LT.	17
108+57	84" CROSS DRAIN PIPE	LT.	91
111+18	24" STORM DRAIN PIPE	LT.	60
111+99	24" STORM DRAIN PIPE	LT.	99
112+85	24" STORM DRAIN PIPE	LT.	74
113+52	24" STORM DRAIN PIPE	LT.	58
111+49	Inlet	LT.	
112+49	Inlet	LT.	
113+23	Inlet	LT.	
113+82	Inlet	LT.	
TOTAL C.S. 000-38			**572**
TOTALS			**572**

* FOR INFORMATIONAL PURPOSE ONLY

SHEET NUMBER 03b

PARISH: PLAQUEMINES
CONTROL SECTION: 838-06, 000-38
STATE PROJECT: H.008220

DESIGN: RC
CHECK: ML
DETAIL: RC
CHECK: ML
REVIEW:
SERIES #:

98% FINAL PLANS
PRELIMINARY
FOR REVIEW ONLY

ENGINEER: R. CHATAGNIER
LICENSE #: 36885
DATE: 5/15/2025

NO.	DATE	REVISION OR CHANGE ORDER DESCRIPTION	BY

SUMMARY SHEETS

LA 406: ROUNDABOUT AT FE HEBERT

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT
ROAD DESIGN

98% FINAL PLANS

5/15/2025 09:37

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DRAFT DRAFT DRAFT

SUMMARY OF ESTIMATED QUANTITIES

ITEM	DESCRIPTION	UNIT	LA 406		Keating Dr./FE Hebert		QUANTITY TOTAL					
201-01-00100	Clearing and Grubbing	LUMP	LUMP				LUMP					
202-01-00100	Removal of Structures and Obstructions	LUMP	LUMP		LUMP		LUMP					
202-02-03030	Removal of Pavement Structure	SQYD	1,564.9				1,564.9					
202-02-06100	Removal of Concrete Walks and Drives	SQYD	825		261		1,086					
202-02-06140	Removal of Curbs (Concrete)	LNFT			355		355					
202-02-32500	Removal of Portland Cement Concrete Pavement	SQYD			1,657		1,657					
202-02-38240	Removal of Signs and Supports	EACH	12				12					
202-02-40100	Removal of Traffic Signal Equipment	LUMP	LUMP				LUMP					
203-01-00100	General Excavation	CUYD	2,405		2,651		5,056					
203-03-00100	Embankment	CUYD	4,268		1,231		5,499					
203-04-00200	Nonplastic Embankment (Sand)	CUYD	1,804		826		2,630					
203-08-00100	Geotextile Fabric	SQYD	4,163		2,015		6,178					
204-02-00100	Temporary Hay Bales	EACH	24				24					
204-05-00100	Temporary Sediment Check Dams (Hay)	EACH	11		7		18					
204-06-00100	Temporary Silt Fencing	LNFT	1,937		1,009		2,946					
302-02-08070	Class II Base Course (8" Thick) (Crushed Stone or Recycled Portland Cement Concrete)	SQYD	3,607.1		1,651.3		5,258.4					
401-01-00100	Aggregate Surface Course (Net Section)	CUYD	4.1		20.4		24.5					
402-01-00101	Traffic Maintenance Surfacing (Aggregate) (Vehicular Measurement)	CUYD	96		32.6		128.6					
402-02-00101	Traffic Maintenance Surfacing (Hard)	SQYD	193				193					
402-02-00101	Traffic Maintenance Surfacing (Hard)	SQYD			420		420					
502-01-00100	Asphalt Concrete	TON	2,639		1,009		3,648					
502-01-00200	Asphalt Concrete, Drives, Turnouts and Miscellaneous	TON			40		40					
509-01-00100	Milling Asphalt Pavement	SQYD	3,338				3,338					
509-02-00100	Contractor Retained Reclaimed Asphalt Pavement	CUYD	-185				-185					
510-01-00250	Pavement Patching (14 inch Minimum Thickness)	SQYD	77		19		96					
601-01-10000	Portland Cement Concrete Pavement (Colored) 11"	SQYD	561.3				561.3					
701-02-01100	Cross Drain Pipe Arch (54" Equiv. RCPA)	LNFT			378		378					
701-02-01120	Cross Drain Pipe Arch (60" Equiv. RCPA)	LNFT	208				208					
701-03-01002	Storm Drain Pipe (15" RCP/RPVCP)	LNFT	88		276		364					
701-03-01042	Storm Drain Pipe (24" RCP/RPVCP)	LNFT	272				272					
701-03-01082	Storm Drain Pipe (36" RCP/RPVCP)	LNFT	450				450					
701-15-00100	Concrete Collar	EACH	1				1					
701-16-01060	Plastic Pipe (Extension) (24" RPVCP)	LNFT	5				5					
701-17-00100	Trench Excavation Safety Protection (Depth >5 feet)	LNFT	1,672				1,672					
702-03-00100	Catch Basins (CB-01)	EACH	9		3		12					
702-03-00500	Catch Basins (CB-06)	EACH	4		7		11					
706-02-00200	Concrete Drive (6" Thick)	SQYD	593.4		381.2		974.6					
706-03-10000	Incidental Concrete Paving (Colored)(inch Thick) 5"	SQYD	627.4		112.7		740.1					
707-01-00100	Concrete Curb	LNFT	1,536		289.2		1,825.2					
707-03-00100	Combination Concrete Curb and Gutter	LNFT	2,076.6		743.4		2,820					
708-01-00100	Right-of-Way Monument	EACH	16				16					
710-01-00100	Flowable Fill	CUYD			8		8					

98% FINAL PLANS

5/15/2025 10:20:01 AM

SHEET NUMBER 3c

PARISH | CONTROL SECTION | STATE PROJECT H.008220.6

DATE 5/15/25 | SHEET 1 OF 2

SUMMARY OF ESTIMATED QUANTITIES

DOTD ROAD DESIGN

DRAFT DRAFT DRAFT

SUMMARY OF ESTIMATED QUANTITIES

ITEM	DESCRIPTION	UNIT	LA 406		Keating Dr./FE Hebert		QUANTITY TOTAL
713-01-00100	Temporary Signs and Barricades	LUMP	LUMP		LUMP		LUMP
713-02-00300	Temporary Pavement Markings (8" Width)	LNFT	298				298
713-02-00500	Temporary Pavement Markings (24" Width)	LNFT	224		206		430
713-03-01000	Temporary Pavement Markings (Broken Line) (4" Width) (4' Length)	MILE	0.03		0.026		0.056
713-04-01000	Temporary Pavement Markings (Solid Line) (4" Width)	MILE	5.172		3.011		8.183
720-01-01000	Erosion Control System (Slope Protection) (Type A)	SQYD			993		993
724-01-00100	Rumble Strips (Centerline)	MILE	0.018				0.018
725-01-00100	Temporary Detour Roads	SQYD			338		338
726-01-00100	Bedding Material	CUYD	196.2				196.2
727-01-00100	Mobilization	LUMP	LUMP		LUMP		LUMP
729-01-00100	Sign (Type A)	SQFT	166.2		153.8		320
729-02-00100	Sign (Type B)	SQFT			41.3		41.3
729-22-00100	Square Tubing Post with 2-1/4" Anchor	EACH	2		2		4
731-02-00100	Reflectorized Raised Pavement Markers	EACH	82		32		114
732-01-01040	Plastic Pavement Striping (8" Width) (Thermoplastic 90 mil)	LNFT	439				439
732-01-05400	Plastic Pavement Striping (Dotted Line)(24" W)(2' L)(Thermo 125 mil)	LNFT	191				191
732-02-02000	Plastic Pavement Striping (Solid Line) (4" Width) (Thermoplastic 90 mil)	MILE	0.808		0.486		1.294
732-04-01020	Plastic Pavement Legends and Symbols (Arrow - Straight)	EACH			2		2
732-04-02000	Plastic Pavement Legends and Symbols (Bicycle)	EACH			2		2
739-01-00100	Hydro-Seeding	ACRE	2.45		1.32		3.77
740-01-00100	Construction Layout	LUMP	LUMP		LUMP		LUMP
NS-300-00060	Geogrid	SQYD	3,607		1,651		5,258
NS-500-00220	Sawing and Sealing Longitudinal Joints in Asphalt Concrete Overlay	LNFT			143		143
NS-500-00240	Sawing and Sealing Transverse Joints in Asphalt Concrete Overlay	LNFT			444		444
NS-500-00340	Saw Cutting Asphalt Concrete Pavement	INLF	22,880				22,880
NS-600-00220	Saw Cutting Portland Cement Concrete Pavement	INLF			767		767
NS-602-00001	Milling Concrete Pavement	SQYD			528.6		528.6
NS-702-00101	Paved Gutter Drain (Single)	EACH	10				10
NS-702-00102	Paved Gutter Drain (Double)	EACH	1				1
NS-729-00029	Breakaway Square Tubing Sign Support w/ Mowing Pad	EACH	18		13		31
NS-729-00030	Breakaway Square Tubing Sign Support (Wet Concrete)	EACH	4		6		10

5/15/2025 10:24:28 AM

98% FINAL PLANS

SHEET NUMBER 3d

PARISH | CONTROL SECTION | STATE PROJECT: H.008220.6

DATE SHEET: 5/15/25 2 OF 2

SUMMARY OF ESTIMATED QUANTITIES

DOTD ROAD DESIGN

5/15/2025 09:38

98% FINAL PLANS

LEGEND - EXISTING TOPOGRAPHY

CONTROL POINT
TEMPORARY BENCH MARK
PHOTO TARGET
PAVEMENT EDGE
SHOULDER EDGE
SLOPE TOE
GUARDRAIL TOP
HIGH BANK
WATER'S EDGE
HIGH WATER MARK
BOX CULVERT
PIPE CULVERT
CATCH BASIN TOP (ROUND)
DROP INLET TOP (ROUND)
DRAINAGE MANHOLE TOP
LEVEE TOP
DITCH CENTERLINE
TREE
WOODS EDGE
MARSH LINE
SWAMP LINE
TREE CLUSTER
HEDGE
BUSH
TREE LINE
FENCE LINE
GATE
CATTLE GUARD
PROPERTY CORNER
RIGHT OF WAY MONUMENT
SECTION CORNER
FENCE CORNER
TELEVISION CABLE
TELEVISION PEDESTAL
POWER POLE
DEADMAN
POWER LINE
POWER JUNCTION BOX
POWER VAULT
TRANSFORMER
COMBINATION POLE
POWER DROP
PIPELINE
PIPELINE VENT
PIPELINE REGULATOR
GAS WELL
HAY BALES
SILT FENCE
INLET SILT TRAP

GAS LINE
GAS METER
GAS SERVICE (NO METER)
GAS REGULATOR
GAS RISER
GAS TEST BOX
GAS VALVE
GAS LINE/CASING
GAS VENT
RAILROAD MILEPOST
RAILROAD SIGNAL
RAILROAD SWITCH
RAILROAD TRACK
RR TRAFFIC SIGNAL BOX
SEWER LINE
SEWER MANHOLE TOP
SEWER BLOWOUT VALVE
SEWER CLEANOUT
SEPTIC TANK
SEWER PUMP (PRIVATE)
SEWER TREATMENT (INDIVIDUAL)
FEDERAL AID MARKER
TRAFFIC CONTROLLER BOX
TRAFFIC COUNTER
TRAFFIC SIGNAL
TRAFFIC SIGNAL SUPPORT POLE
LIGHT POLE
LIGHT PEDESTAL
LIGHT POWER VAULT
TRAFFIC SIGN
PARKING METER
TELEPHONE POLE
TELEPHONE LINE
TELEPHONE BOOTH
TELE CROSS CONNECT BOX
TELEPHONE PEDESTAL
TELEPHONE PRESSURE BOX
WATER LINE
WATER LINE/CASING
WATER CLEANOUT
WATER METER
WATER VALVE
WATER VALVE VAULT
WATER WELL
FIRE HYDRANT
BILLBOARD
FUEL PUMP
POST
SIGN POST
STORAGE TANK (ROUND)
GRAVE
MAILBOX
ORNAMENTAL LIGHT
FLAG POLE
GRAVE

NOTES:

FOR REFERENCE POINTS, TBMs, AND SURVERYED AND ABANDONED ALIGNMENT INFORMATION, SEE REFENCE POINTS AND BENCHMARK ELEVATION SHEET.

ALL EXISTING DRAINAGE STRUCTURES WITHIN PROJECT LIMITS TO BE REMOVED, UNLESS OTHERWISE NOTED. REMOVAL OF DRAINAGE STRUCTURES INCLUDED IN REMOVAL STRUCTURES AND OBSTRUCTIONS.

FOR DITCH GRADES 0.51% - 2.50%, PERMANENT EROSION CONTROL (TYPE A) SHALL BE PLACED. SEE STORM DRAIN PLAN AND PROFILE SHEETS FOR DITCH GRADES AND DRAINAGE.

UPON FINAL ACCEPTANCE OF CONSTRUCTION, DOTD WILL MAINTAIN THE RIGHT OF WAY AND MAINTENANCE ALONG F. EDWARD HEBERT BLVD. AND KEATING DRIVE TO THE SPLITTER ISLANDS (STA 47+60 AND 51+17, RESPECTIVELY). BEYOND THE SPLITTER ISLAND ON F. EDWARD HEBERT BLVD. AND KEATING DR., PLAQUEMINES PARISH WILL MAINTAIN THE RIGHT OF WAY AND MAINTENACE ALONG THESE LOCAL ROADS.

LOCATION OF GULF SOUTH PIPELINE BASED ON .KMZ FILE PROVIDED BY BOARDWALK PIPELINES, LP. FOR INFORMATIONAL PURPOSES ONLY

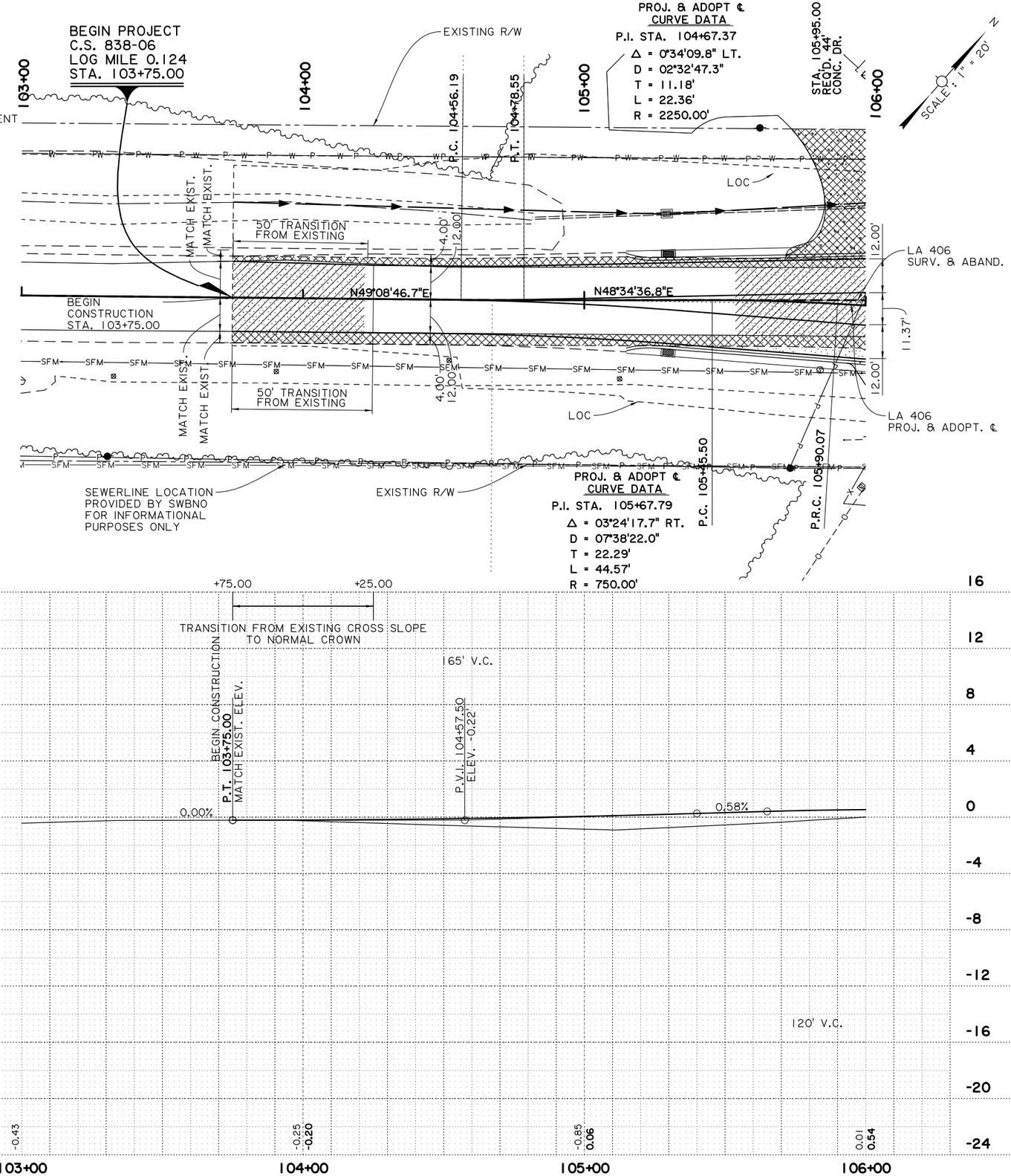
FOR INFORMATIONAL PURPOSES ONLY, ALL KNOWN OVERHEAD POWER LINES AND OTHER UTILITIES ARE LISTED BELOW, HOWEVER, ADDITIONAL UTILITIES MAY BE PRESENT.

UTILITY OWNERS:

1) AT&T DISTRIBUTION - RICARDO TRISTAN - 504.520.9852
2) ATMOS ENERGY - JEFF ANTOINE - 601.317.9293
3) ADB COMPANIES - KEVIN SARGENT - 314.426.5200
4) MCI COMMUNICATIONS (VERIZON) - WALTER MAYS - 985.969.2767
5) NEWWAVE COMMUNICATIONS (SPARKLIGHT) - FRED WITHERSPOON - 228.365.0037
6) INFRAMARK (SEVERN TRENT) (WATER & SEWER) - ROBERT MORGAN - 504.322.0183
7) GULF SOUTH PIPELINE - HAROLD SYLVE - 504.415.1864
8) COX COMMUNICATION - GEORGE BLANCHARD - 504.401.2401
9) SEWER & WATER BOARD OF NEW ORLEANS (SWBNO) - SARGON JAMES - 504.715.7067
10) ENTERGY - GERALD DOYLE - 225.354.3056

LEGEND:

REQ'D ASPHALT
REQ'D AGGREGATE
REMOVAL OF EXISTING PAVEMENT
REQ'D CONCRETE
REQ'D MILL



SHEET NUMBER	4
PARISH	PLAQUEMINES
CONTROL SECTION	838-06, 000-38
STATE PROJECT	H.008220

DESIGN RC
CHECK ML
DETAIL RC
CHECK ML
REVIEW
SERIES

98% FINAL PLANS

PRELIMINARY
FOR REVIEW ONLY

ENGINEER: R.CHATAGNIER

LICENSE #: 36885

DATE: 5/15/2025

NO.	DATE	REVISION OR CHANGE ORDER DESCRIPTION	BY

STATE OF LOUISIANA

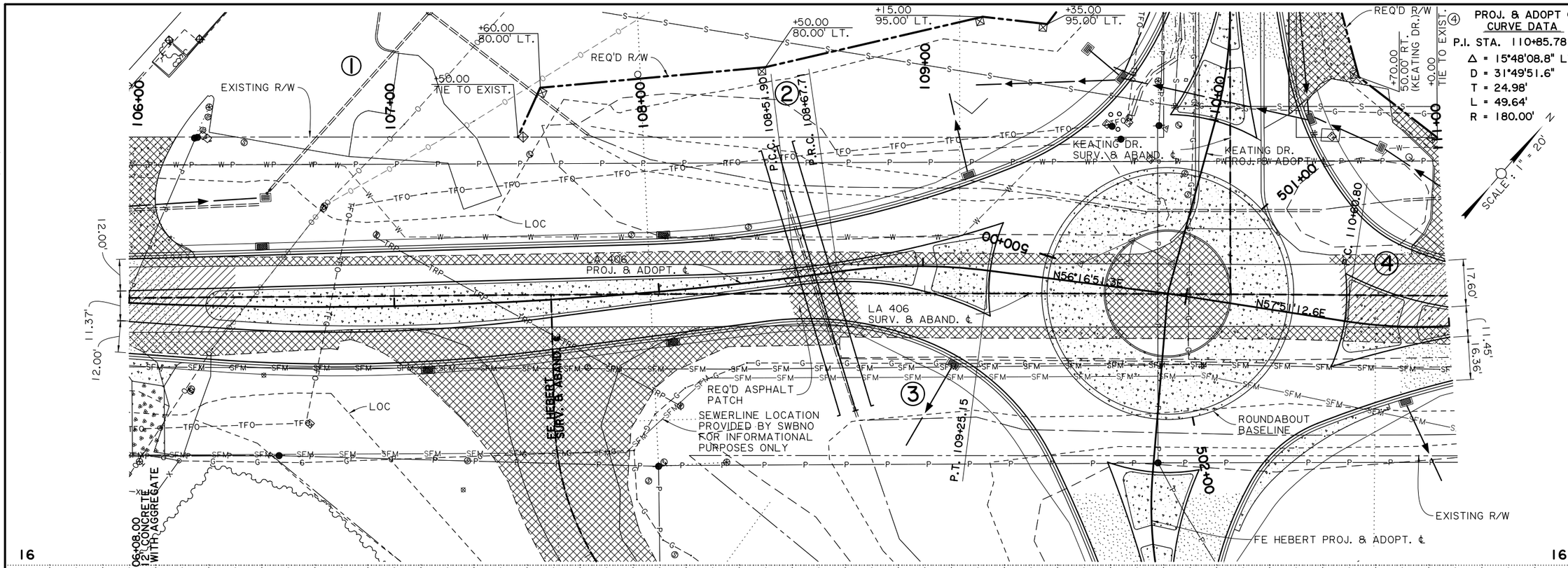
PLAN & PROFILE
LA 406

LA 406: ROUNDABOUT AT FE HEBERT

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT
ROAD DESIGN

IP_PWP:d0696187\004_Plan & Profile.dgn

98% FINAL PLANS



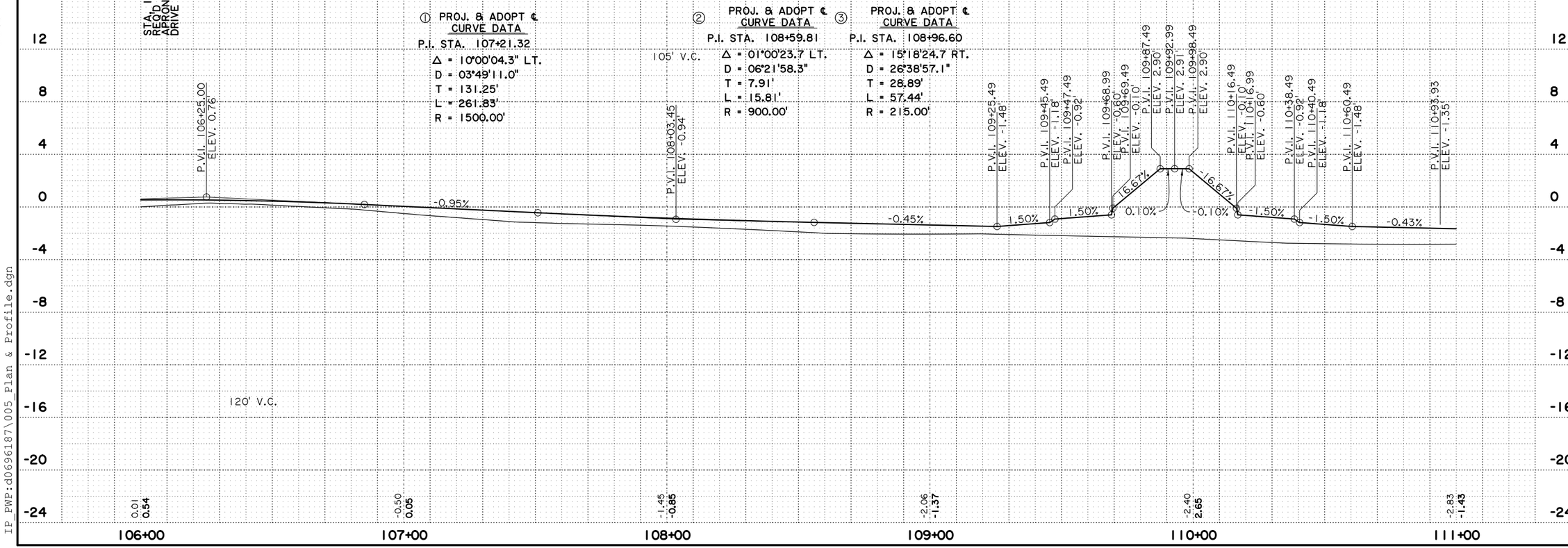
STA. 106+08.00 REQ'D 12" CONCRETE APRON WITH AGGREGATE DRIVE

① PROJ. & ADOPT ℄ CURVE DATA
P.I. STA. 107+21.32
Δ = 10°00'04.3" LT.
D = 03°49'11.0"
T = 131.25'
L = 261.83'
R = 1500.00'

② PROJ. & ADOPT ℄ CURVE DATA
P.I. STA. 108+59.81
Δ = 01°00'23.7 LT.
D = 06°21'58.3"
T = 7.91'
L = 15.81'
R = 900.00'

③ PROJ. & ADOPT ℄ CURVE DATA
P.I. STA. 108+96.60
Δ = 15°18'24.7 RT.
D = 26°38'57.1"
T = 28.89'
L = 57.44'
R = 215.00'

④ PROJ. & ADOPT ℄ CURVE DATA
P.I. STA. 110+85.78
Δ = 15°48'08.8" LT.
D = 31°49'51.6"
T = 24.98'
L = 49.64'
R = 180.00'



SHEET NUMBER	5
PARISH	PLAQUEMINES
CONTROL SECTION	838-06, 000-38
STATE PROJECT	H.008220

DESIGN RC CHECK ML DETAIL RC CHECK ML REVIEW SERIES #

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PRELIMINARY FOR REVIEW ONLY
ENGINEER: R. CHATAGNIER
LICENSE #: 36885
DATE: 5/15/2025

NO.	DATE	REVISION OR CHANGE ORDER DESCRIPTION	BY

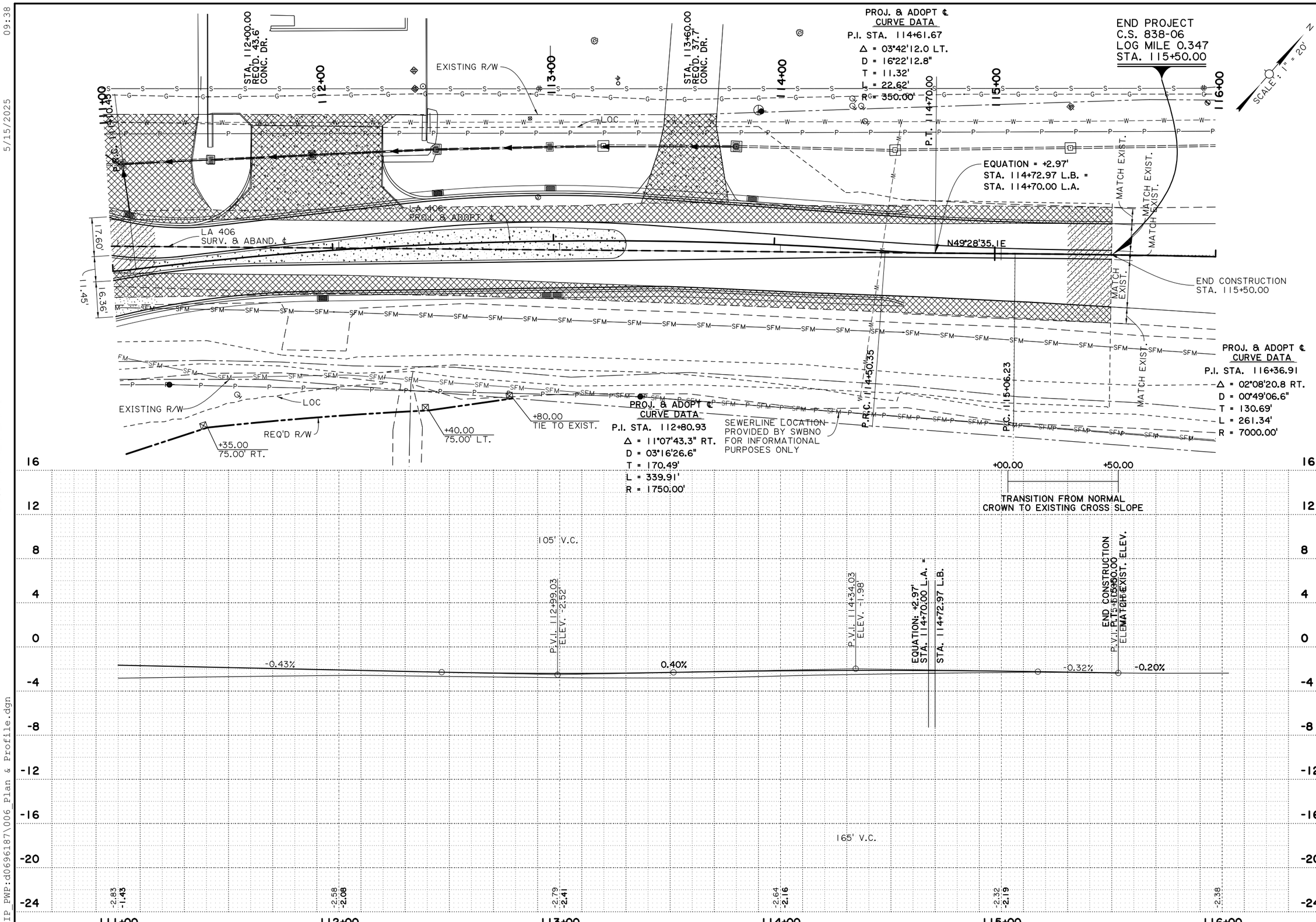
PLAN & PROFILE
LA 406

LA 406: ROUNDABOUT AT FE HEBERT

DOTD LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT
ROAD DESIGN

IP_PWP:d0696187\005_Plan & Profile.dgn

98% FINAL PLANS



SHEET NUMBER	6
PARISH	PLAQUEMINES
CONTROL SECTION	838-06, 000-38
STATE PROJECT	H.008220

DESIGN RC
CHECK ML
DETAIL RC
CHECK ML
REVIEW
SERIES #

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PRELIMINARY
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ENGINEER:
R. CHATAGNIER

LICENSE #:
36885

DATE:
5/15/2025

NO.	DATE	REVISION OR CHANGE ORDER DESCRIPTION	BY

STATE OF LOUISIANA
DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT
CERTIFIED

PLAN & PROFILE
LA 406

LA 406: ROUNDABOUT AT FE HEBERT

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT
ROAD DESIGN

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PROJ. & ADOPT ℄
CURVE DATA
P.I. STA. 43+46.16
Δ = 31°17'01.2" LT.
D = 15°16'43.9"
T = 105.00'
L = 204.75'
R = 375.00'

PROJ. & ADOPT ℄
CURVE DATA
P.I. STA. 44+52.61
Δ = 00°55'10.9" LT.
D = 06°51'42.4"
T = 6.70'
L = 13.40'
R = 835.00'

BEGIN PROJECT
C.S. 000-38
LOG MILE N/A
STA. 44+00.00

P.C.C. 44+45.91
P.R.C. 44+59.31

EXISTING R/W
LOC
FE HEBERT SURV. & ABAND. ℄
FE HEBERT PROJ. & ADOPT. ℄
N49°55'34.9"W
P.I. 109+92.99
N36°12'16.9"W
P.T. 109+25.15
LA 406 SURV. & ABAND. ℄
LA 406 PROJ. & ADOPT. ℄
KEATING DR. PROJ. & ADOPT. ℄
N25°38'42.6"W
KEATING DR. SURV. & ABAND. ℄
ROUNDABOUT BASELINE
STA. 48+79.45 FE HEBERT P&A ℄=
STA. 48+79.45 KEATING DR. P&A ℄
SCALE: 1" = 20'
N

44+00 45+00 46+00 47+00 48+00 49+00 500+00 502+00

MATCH EXIST.
MATCH EXIST.
MATCH EXIST.
MATCH EXIST.
BEGIN CONSTRUCTION
STA. 44+00.00
25.00' TRANSITION FROM EXISTING
EXISTING R/W
STA. 45+13.00
REQ'D. 44' DR.
TYPE "C"
+90.00
TIE TO EXIST. RT.
+20.00
80.00' RT.
LOC
P.T. 47+26.23
P.C. 47+75.65
P.T. 48+11.57
+60.00
80.00' RT.
REQ'D R/W
SEWERLINE LOCATION PROVIDED BY SWBNO FOR INFORMATIONAL PURPOSES ONLY

PROJ. & ADOPT ℄
CURVE DATA
P.I. STA. 45+95.02
Δ = 25°29'18.5" RT.
D = 09°32'57.5"
T = 135.70'
L = 266.91'
R = 600.00'

PROJ. & ADOPT ℄
CURVE DATA
P.I. STA. 47+93.69
Δ = 13°43'17.9" RT.
D = 38°11'49.9"
T = 18.05'
L = 35.92'
R = 150.00'

+00.00 +50.00
TRANSITION FROM EXISTING TO NORMAL CROWN

BEGIN CONSTRUCTION
P.V.I. 44+00.00
MATCH EXIST. ELEV.

P.V.I. 45+92.50
ELEV. -2.30'

90' V.C.

P.V.I. 47+22.82
ELEV. -2.82'

P.V.I. 48+11.95
ELEV. -1.48'

P.V.I. 48+31.95
ELEV. -1.18'

P.V.I. 48+33.95
ELEV. -0.92'

P.V.I. 48+55.45
ELEV. -0.90'

P.V.I. 48+65.95
ELEV. -0.10'

P.V.I. 48+73.95
ELEV. 2.90'

P.V.I. 48+79.45
ELEV. 2.91'

P.V.I. 48+84.95
ELEV. 2.90'

0.47% -0.40% 1.50% 1.50% 1.50% 0.10% -0.10% 16.67% -16.67%

90' V.C.

-3.21 -3.21 -2.96 -2.74 -4.07 -2.40 -3.59 -2.68 -5.18 -1.66 -3.37 0.40

16 12 8 4 0 -4 -8 -12 -16 -20 -24

44+00 45+00 46+00 47+00 48+00 49+00

SHEET NUMBER	7
PARISH	PLAQUEMINES
CONTROL SECTION	838-06, 000-38
STATE PROJECT	H.008220

DESIGN RC CHECK ML
DETAIL RC CHECK ML
REVIEW
SERIES #

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PRELIMINARY
FOR REVIEW ONLY

ENGINEER:
R. CHATAGNIER

LICENSE #:
36885

DATE:
5/15/2025

NO.	DATE	REVISION OR CHANGE ORDER DESCRIPTION	BY

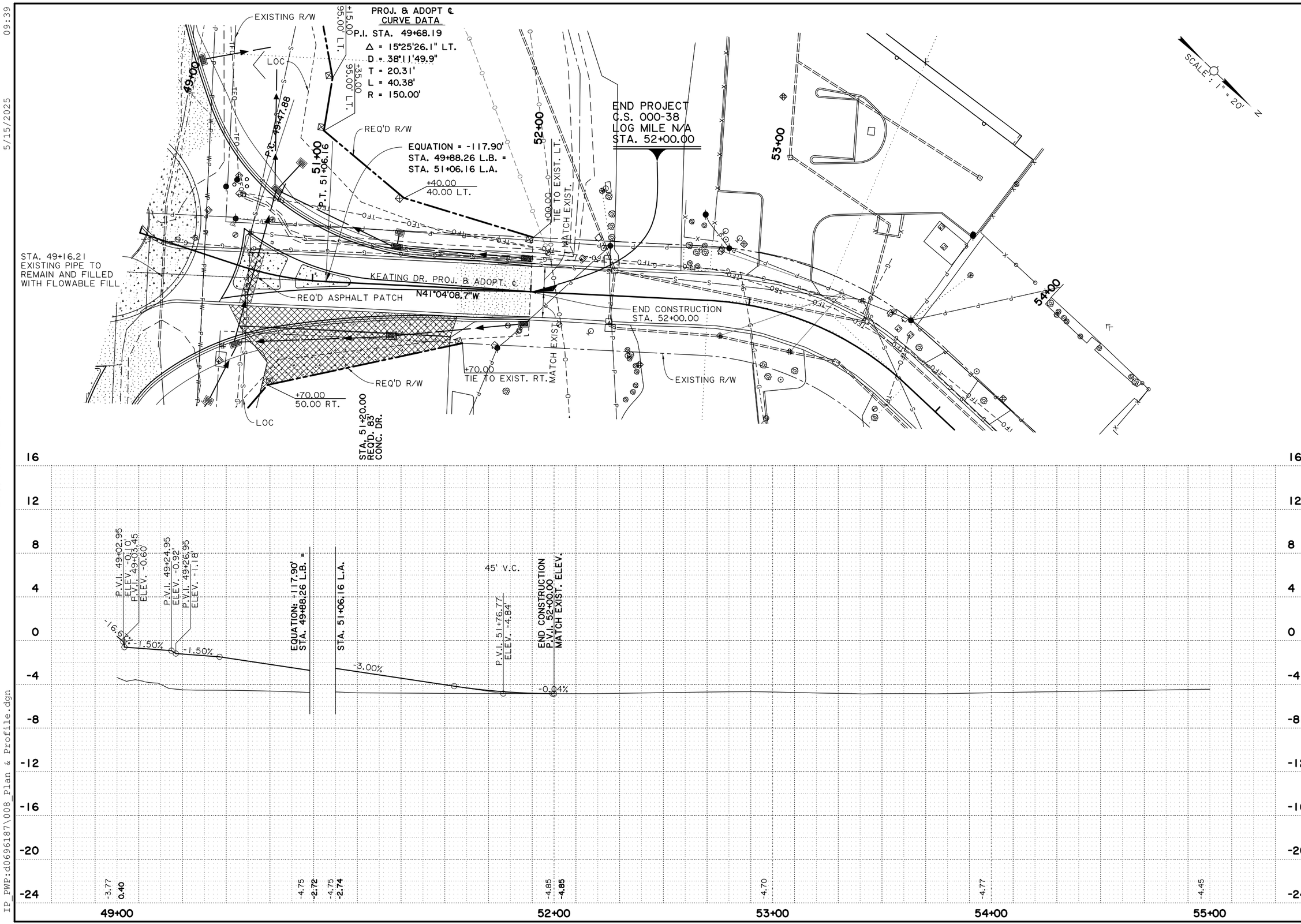
STATE OF LOUISIANA

PLAN & PROFILE
FE HEBERT BLVD.

LA 406: ROUNDABOUT AT FE HEBERT

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT
ROAD DESIGN

98% FINAL PLANS



SHEET NUMBER	8
PARISH	PLAQUEMINES
CONTROL SECTION	838-06, 000-38
STATE PROJECT	H.008220

DESIGN RC
CHECK ML
DETAIL RC
CHECK ML
REVIEW
SERIES #

98% FINAL PLANS

PRELIMINARY
FOR REVIEW ONLY

ENGINEER:
R. CHATAGNIER

LICENSE #:
36885

DATE:
5/15/2025

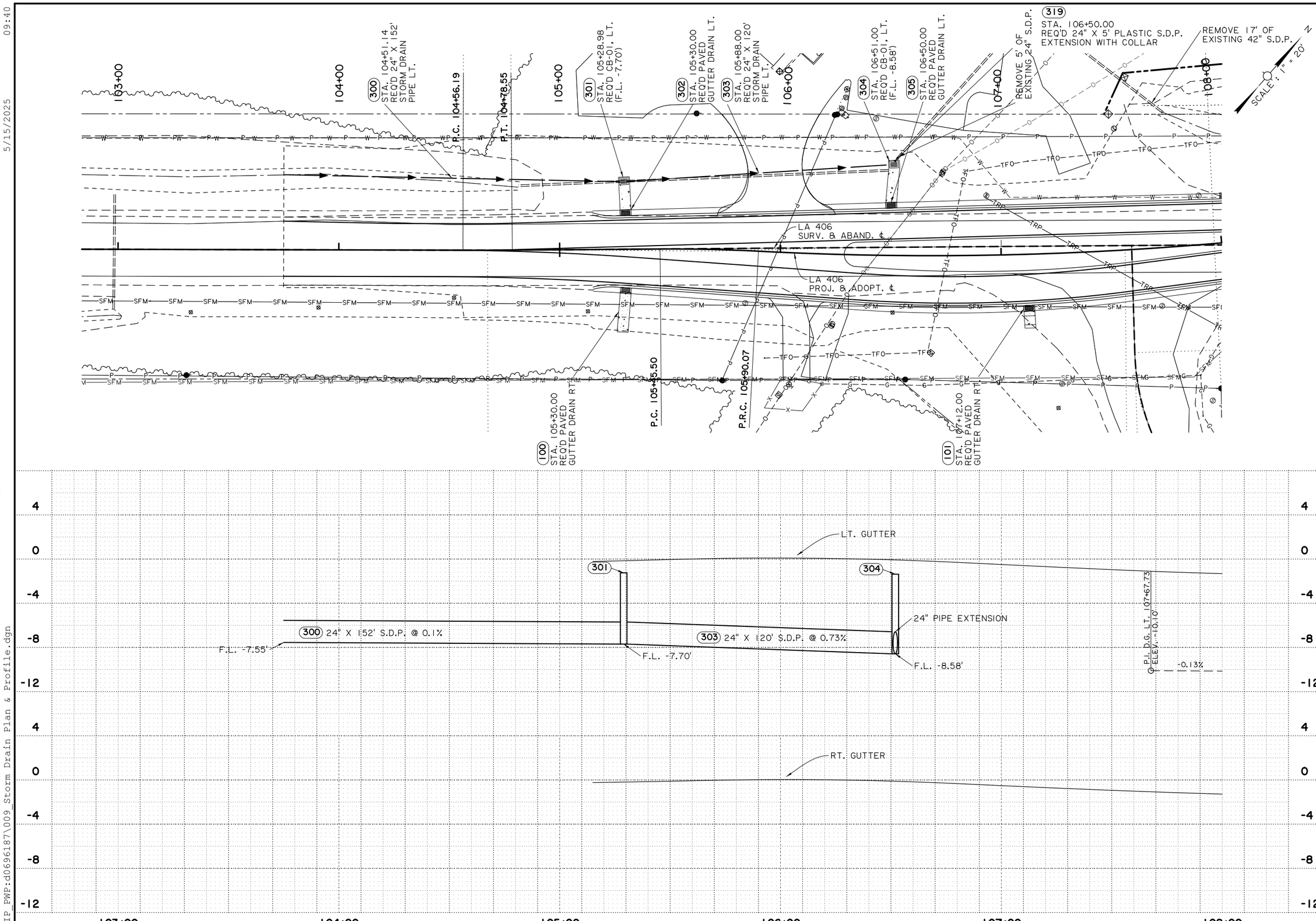
NO.	DATE	REVISION OR CHANGE ORDER DESCRIPTION	BY

STATE OF LOUISIANA
DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT
CERTIFIED COPY

PLAN & PROFILE
KEATING DR.

LA 406: ROUNDABOUT AT FE HEBERT

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT
ROAD DESIGN



SHEET NUMBER	9
PARISH	PLAQUEMINES
CONTROL SECTION	838-06, 000-38
STATE PROJECT	H.008220

DESIGN	RC	DETAIL	RC
CHECK	ML	CHECK	ML
REVIEW		SERIES #	

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R. CHATAGNIER

LICENSE #:
36885

DATE:
5/15/2025

NO.	DATE	REVISION OR CHANGE ORDER DESCRIPTION	BY

STATE OF LOUISIANA

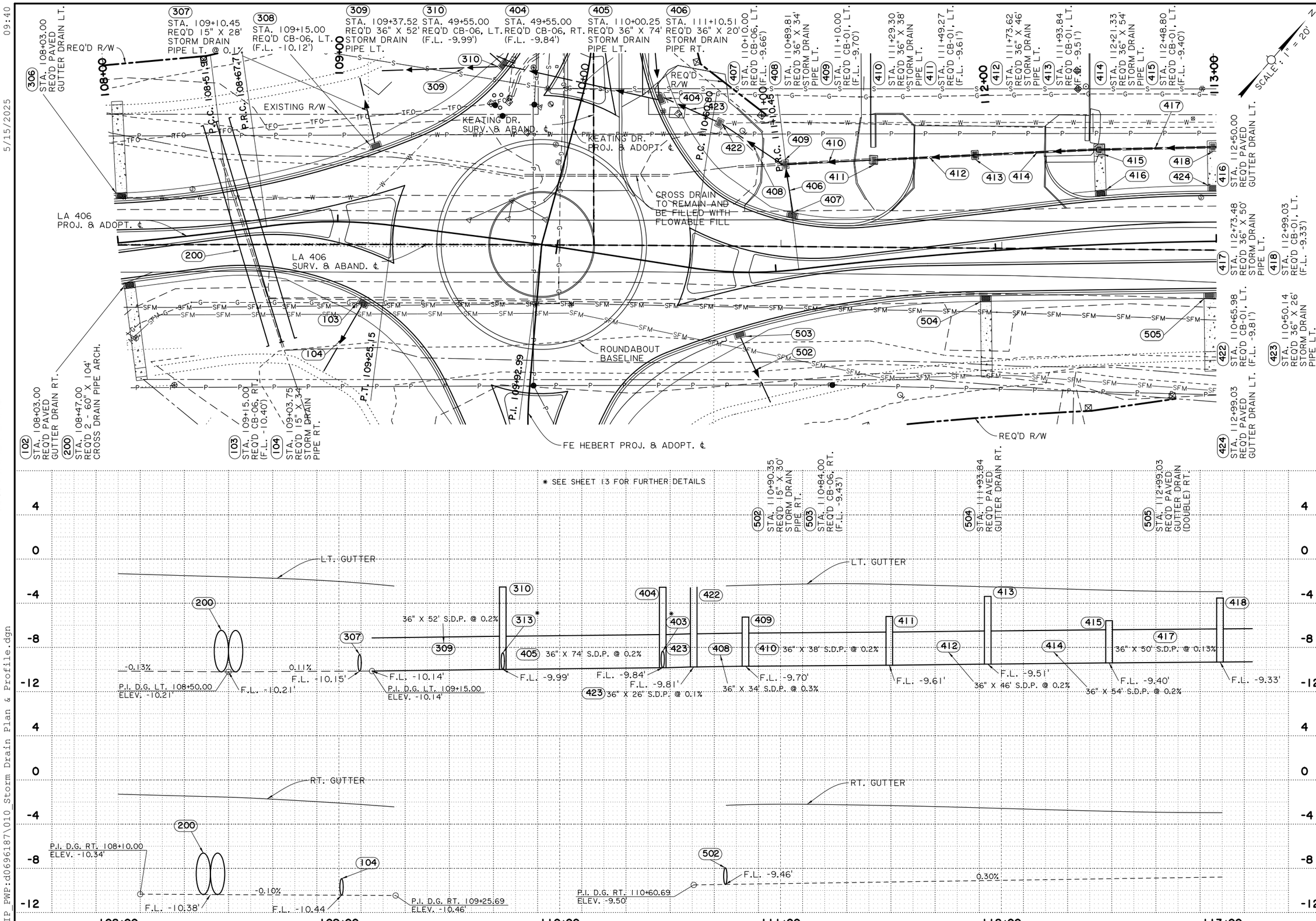
STORM DRAIN PLAN & PROFILE

LA 406

LA 406: ROUNDABOUT AT FE HEBERT

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

ROAD DESIGN



SHEET NUMBER	10
PARISH	PLAQUEMINES
CONTROL SECTION	838-06, 000-38
STATE PROJECT	H.008220
DESIGN	RC
CHECK	ML
DETAIL	RC
CHECK	ML
REVIEW	
SERIES #	

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ENGINEER: R. CHATAGNIER

LICENSE #: 36885

DATE: 5/15/2025

NO.	DATE	REVISION OR CHANGE ORDER DESCRIPTION	BY

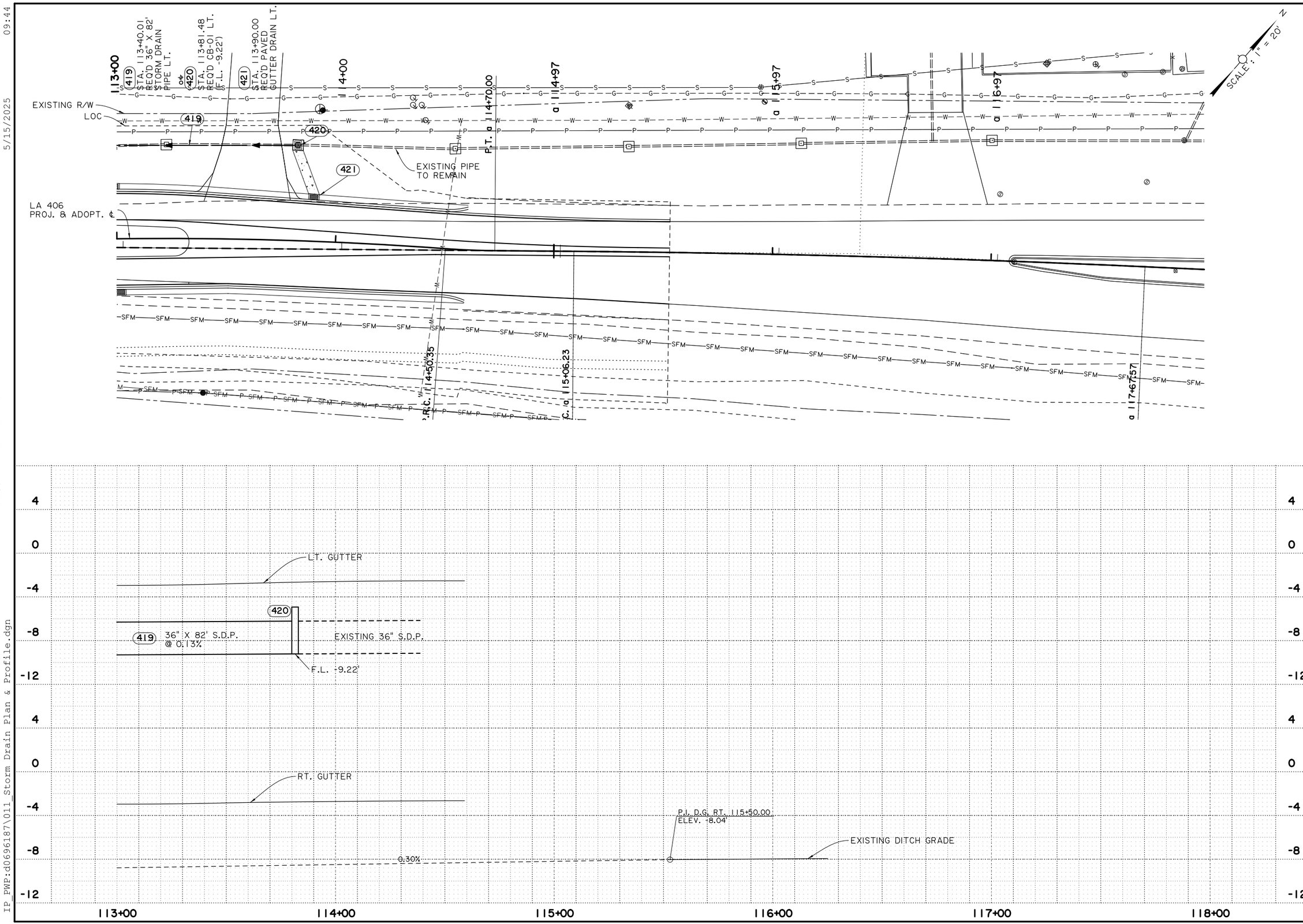
STATE OF LOUISIANA

STORM DRAIN PLAN & PROFILE
LA 406

LA 406: ROUNDABOUT AT FE HEBERT

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

ROAD DESIGN



SHEET NUMBER	11
PARISH	PLAQUEMINES
CONTROL SECTION	838-06, 000-38
STATE PROJECT	H.008220
DESIGN	RC
CHECK	ML
DETAIL	RC
CHECK	ML
REVIEW	
SERIES #	

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DATE:
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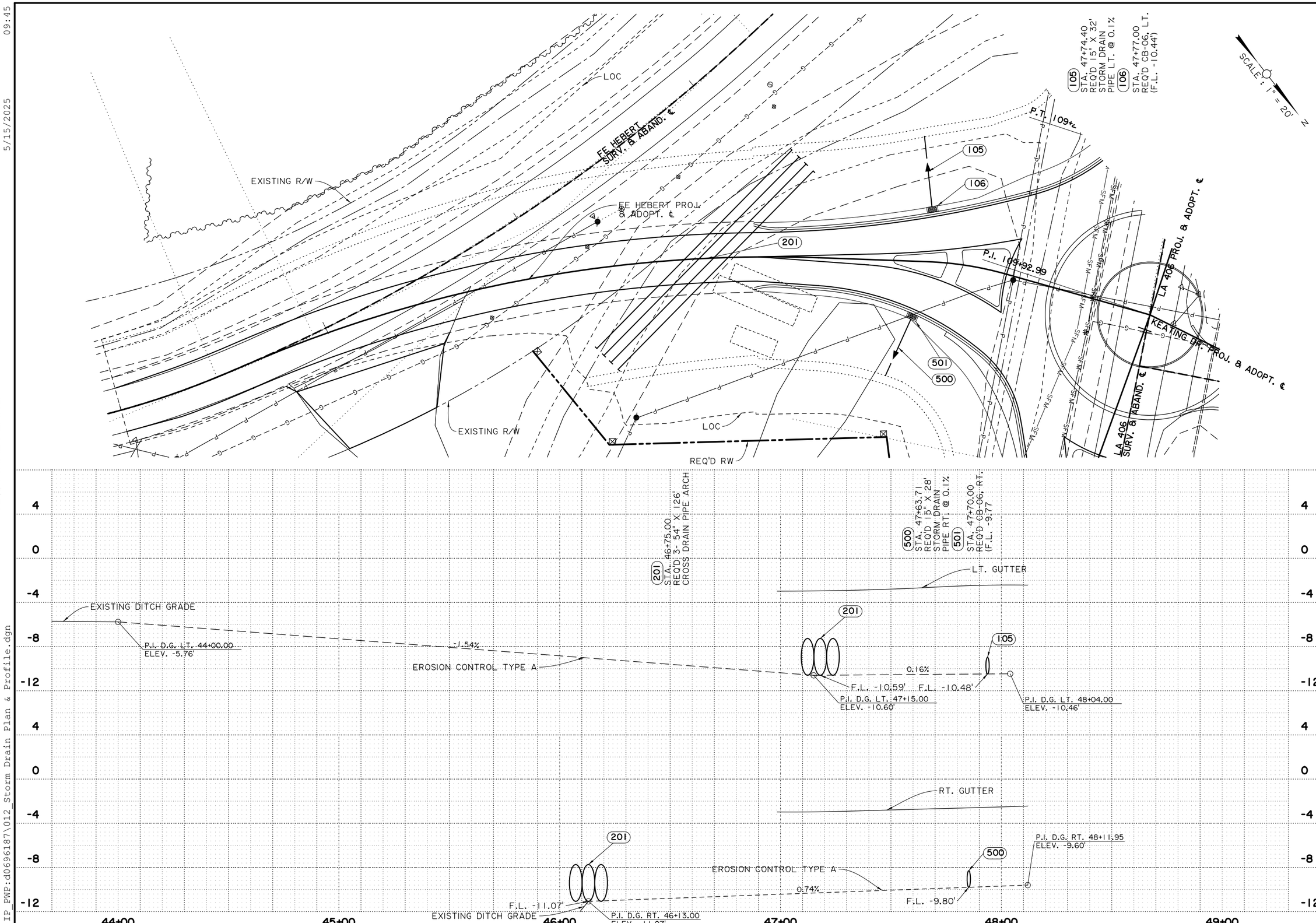
STATE OF LOUISIANA

STORM DRAIN PLAN & PROFILE
LA 406

LA 406: ROUNDABOUT AT FE HEBERT

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

ROAD DESIGN



SHEET NUMBER	12
PARISH	PLAQUEMINES
CONTROL SECTION	838-06, 000-38
STATE PROJECT	H.008220
DESIGN	RC
CHECK	ML
DETAIL	RC
CHECK	ML
REVIEW	
SERIES #	

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DATE:
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NO.	DATE	REVISION OR CHANGE ORDER DESCRIPTION	BY

STATE OF LOUISIANA

STORM DRAIN PLAN & PROFILE

FE HEBERT BLVD.

LA 406: ROUNDABOUT AT FE HEBERT

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

ROAD DESIGN

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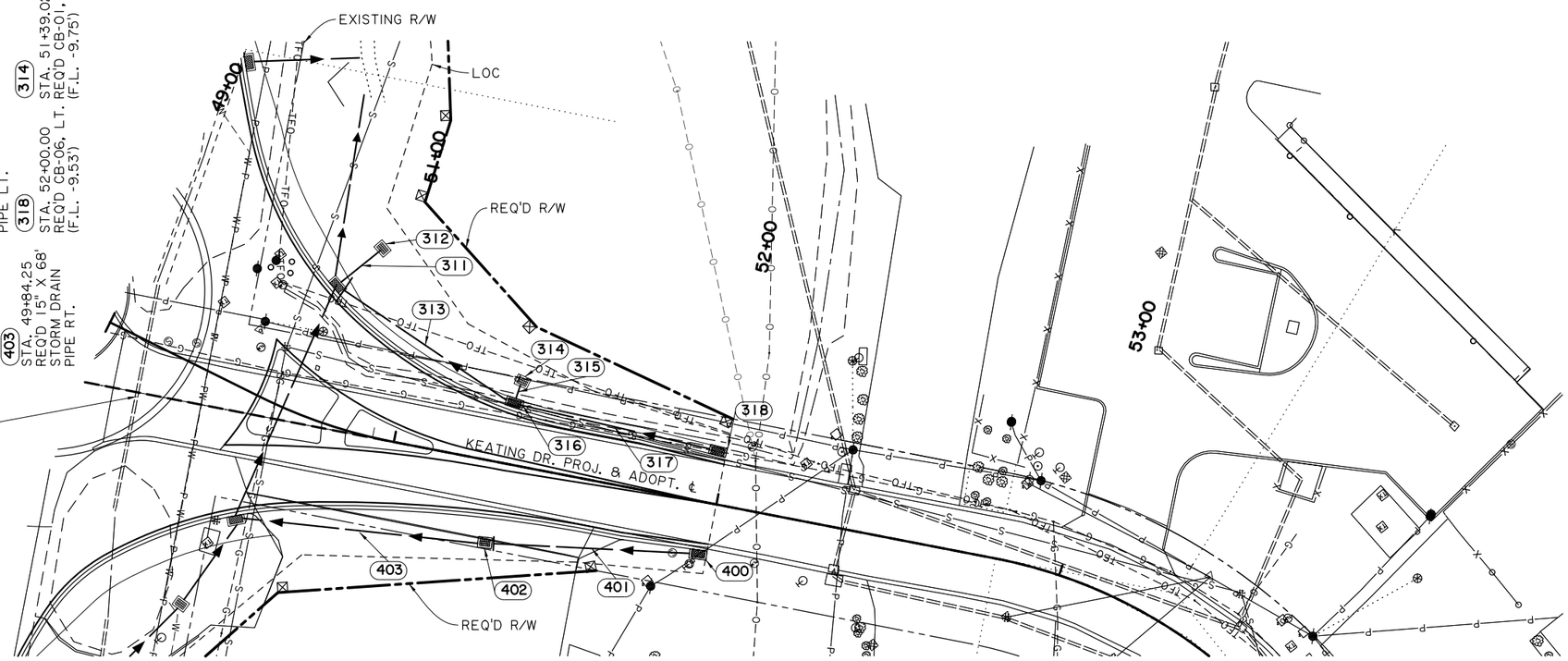
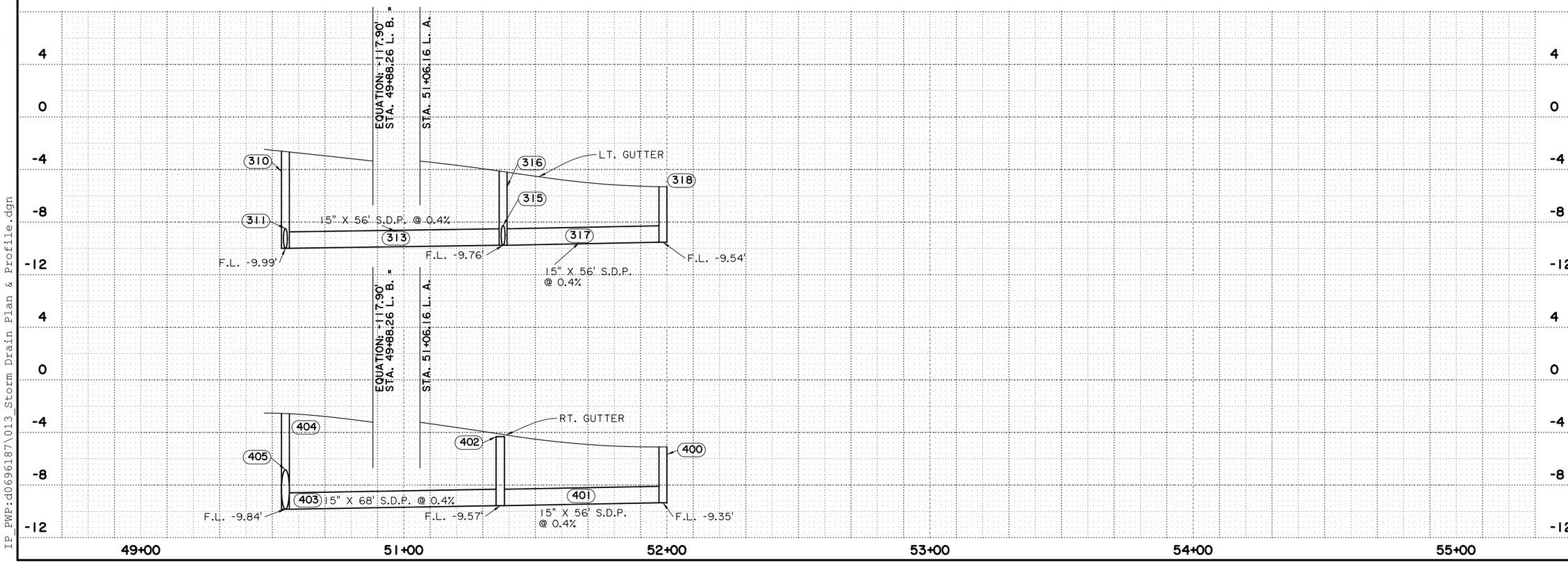
5/15/2025 09:45

400	STA. 52+00.00 REQ'D CB-06, RT. (F.L. -9.35')
401	STA. 51+67.41 REQ'D 15" X 56' STORM DRAIN PIPE RT.
402	STA. 51+37.18 REQ'D CB-01 RT. (F.L. -9.57')
403	STA. 49+84.25 REQ'D 15" X 68' STORM DRAIN PIPE RT.
311	STA. 49+61.35 REQ'D 15" X 14' STORM DRAIN PIPE LT.
312	STA. 49+66.85 REQ'D CB-01 LT. (F.L. -9.97')
313	STA. 51+16.03 REQ'D 15" X 56' STORM DRAIN PIPE LT.
314	STA. 51+39.02 REQ'D CB-01, LT. (F.L. -9.75')
315	STA. 51+38.36 REQ'D 15" X 4' STORM DRAIN PIPE LT.
316	STA. 51+37.74 REQ'D CB-06, LT. (F.L. -9.76')
317	STA. 51+67.15 REQ'D 15" X 56' STORM DRAIN PIPE LT.
318	STA. 52+00.00 REQ'D CB-06, LT. (F.L. -9.53')





SHEET NUMBER	13
PARISH	PLAQUEMINES
CONTROL SECTION	838-06, 000-38
STATE PROJECT	H.008220
DESIGN	RC
CHECK	ML
DETAIL	RC
CHECK	ML
REVIEW	
SERIES #	

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LICENSE #:
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DATE:
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NO.	DATE	REVISION OR CHANGE ORDER DESCRIPTION	BY

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STORM DRAIN
PLAN & PROFILE
KEATING DR.

LA 406: ROUNDABOUT AT FE HEBERT

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LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

ROAD DESIGN

IP_PWP:d0696187\013_Storm Drain Plan & Profile.dgn

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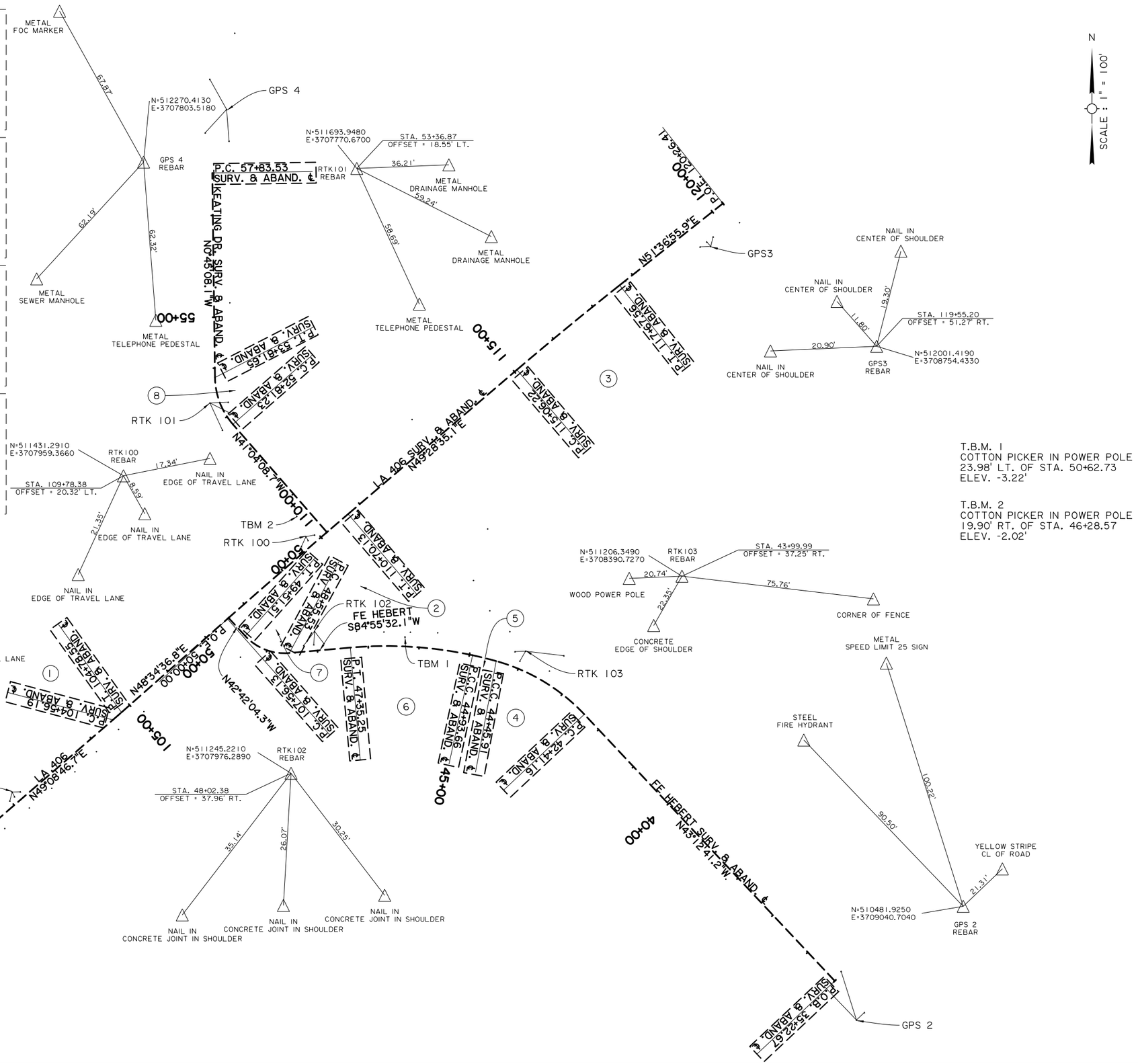
① SURV. & ABAND. CURVE DATA	⑤ SURV. & ABAND. CURVE DATA
P.I. STA. 104+67.37	P.I. STA. 44+69.79
Δ = 0°34'09.8" LT.	Δ = 03°16'35.7" LT.
D = 02°32'47.3"	D = 06°51'42.4"
T = 11.18'	T = 23.88'
L = 22.36'	L = 47.75'
R = 2250.00'	R = 835.00'

② SURV. & ABAND. CURVE DATA	⑥ SURV. & ABAND. CURVE DATA
P.I. STA. 109+13.13	P.I. STA. 46+15.38
Δ = 0°53'58.3" RT.	Δ = 17°18'09.8" LT.
D = 0°17'11.3"	D = 07°09'43.1"
T = 157.00'	T = 121.72'
L = 313.99'	L = 241.59'
R = 20000.00'	R = 800.00'

③ SURV. & ABAND. CURVE DATA	⑦ SURV. & ABAND. CURVE DATA
P.I. STA. 116+36.91	P.I. STA. 49+07.16
Δ = 02°08'20.8" RT.	Δ = 52°22'23.6" RT.
D = 0°49'06.6"	D = 54°34'02.7"
T = 130.69'	T = 51.64'
L = 261.34'	L = 95.98'
R = 7000.00'	R = 105.00'

④ SURV. & ABAND. CURVE DATA	⑧ SURV. & ABAND. CURVE DATA
P.I. STA. 43+46.16	P.I. STA. 53+33.62
Δ = 31°17'01.2" LT.	Δ = 40°19'00.6" RT.
D = 15°16'43.9"	D = 40°09'04.4"
T = 105.00'	T = 52.39'
L = 204.75'	L = 100.41'
R = 375.00'	R = 142.70'



T.B.M. 1
COTTON PICKER IN POWER POLE
23.98' LT. OF STA. 50+62.73
ELEV. -3.22'

T.B.M. 2
COTTON PICKER IN POWER POLE
19.90' RT. OF STA. 46+28.57
ELEV. -2.02'

SHEET NUMBER	14
PARISH	PLAQUEMINES
CONTROL SECTION	838-06, 000-38
STATE PROJECT	H.008220

DESIGN RC
CHECK ML
DETAIL RC
CHECK ML
REVIEW
SERIES 8

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ENGINEER:
R. CHATAGNIER

LICENSE #:
36885

DATE:
5/15/2025

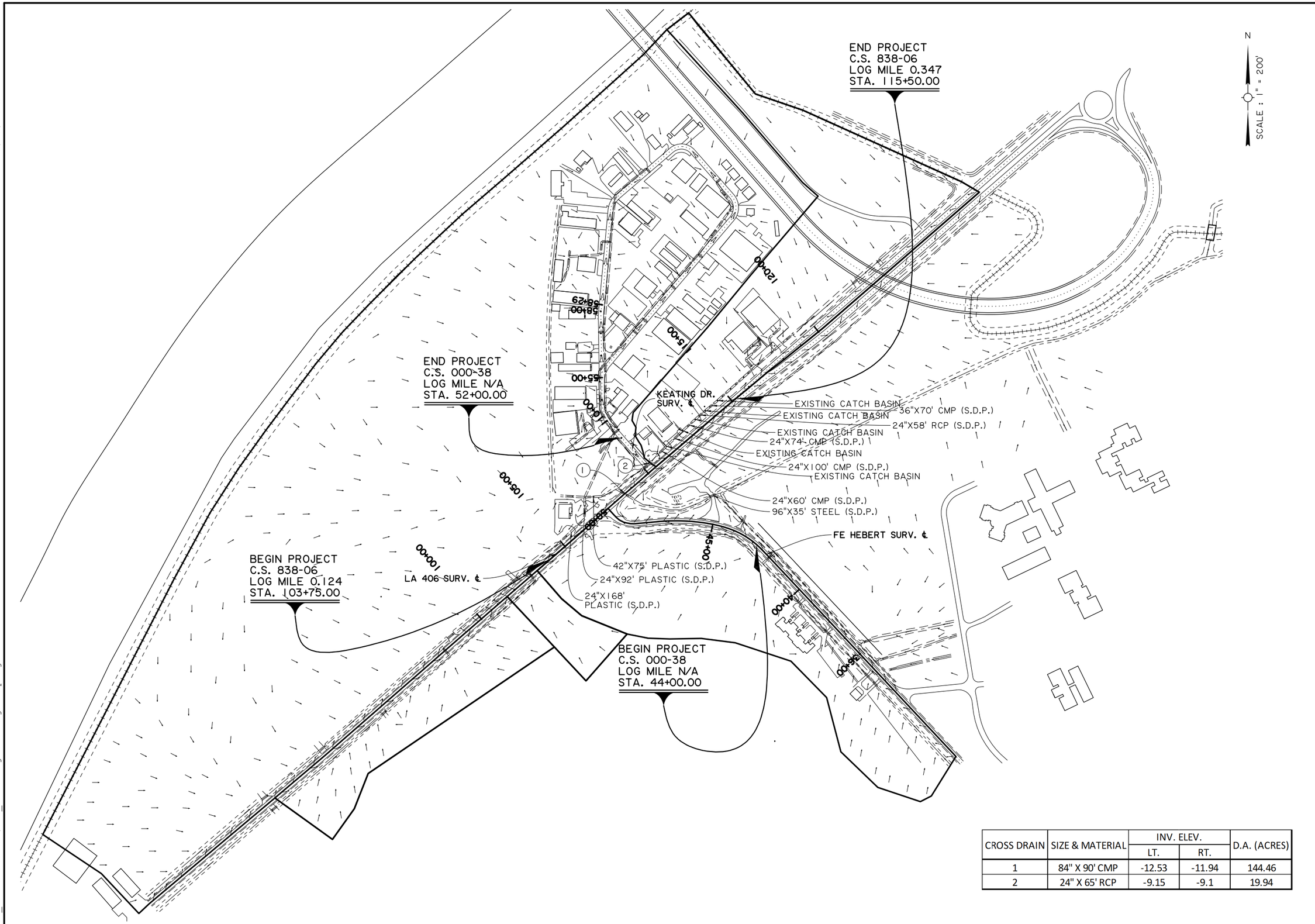
NO.	DATE	REVISION OR CHANGE ORDER DESCRIPTION	BY

STATE OF LOUISIANA

REFERENCE POINTS & BENCHMARK ELEVATIONS

LA 406: ROUNDABOUT AT FE HEBERT

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT
ROAD DESIGN



CROSS DRAIN	SIZE & MATERIAL	INV. ELEV.		D.A. (ACRES)
		LT.	RT.	
1	84" X 90' CMP	-12.53	-11.94	144.46
2	24" X 65' RCP	-9.15	-9.1	19.94

SHEET NUMBER 15

PARISH	CONTROL SECTION	STATE PROJECT
PLAQUEMINES	838-06, 000-38	H.008220

DESIGN RC
CHECK ML
DETAIL RC
CHECK ML
REVIEW
SERIES #

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PRELIMINARY
FOR REVIEW ONLY

ENGINEER:
R. CHATAGNIER

LICENSE #:
36885

DATE:
5/15/2025

NO.	DATE	REVISION OR CHANGE ORDER DESCRIPTION	BY

EXISTING DRAINAGE MAP

LA 406: ROUNDABOUT AT FE HEBERT

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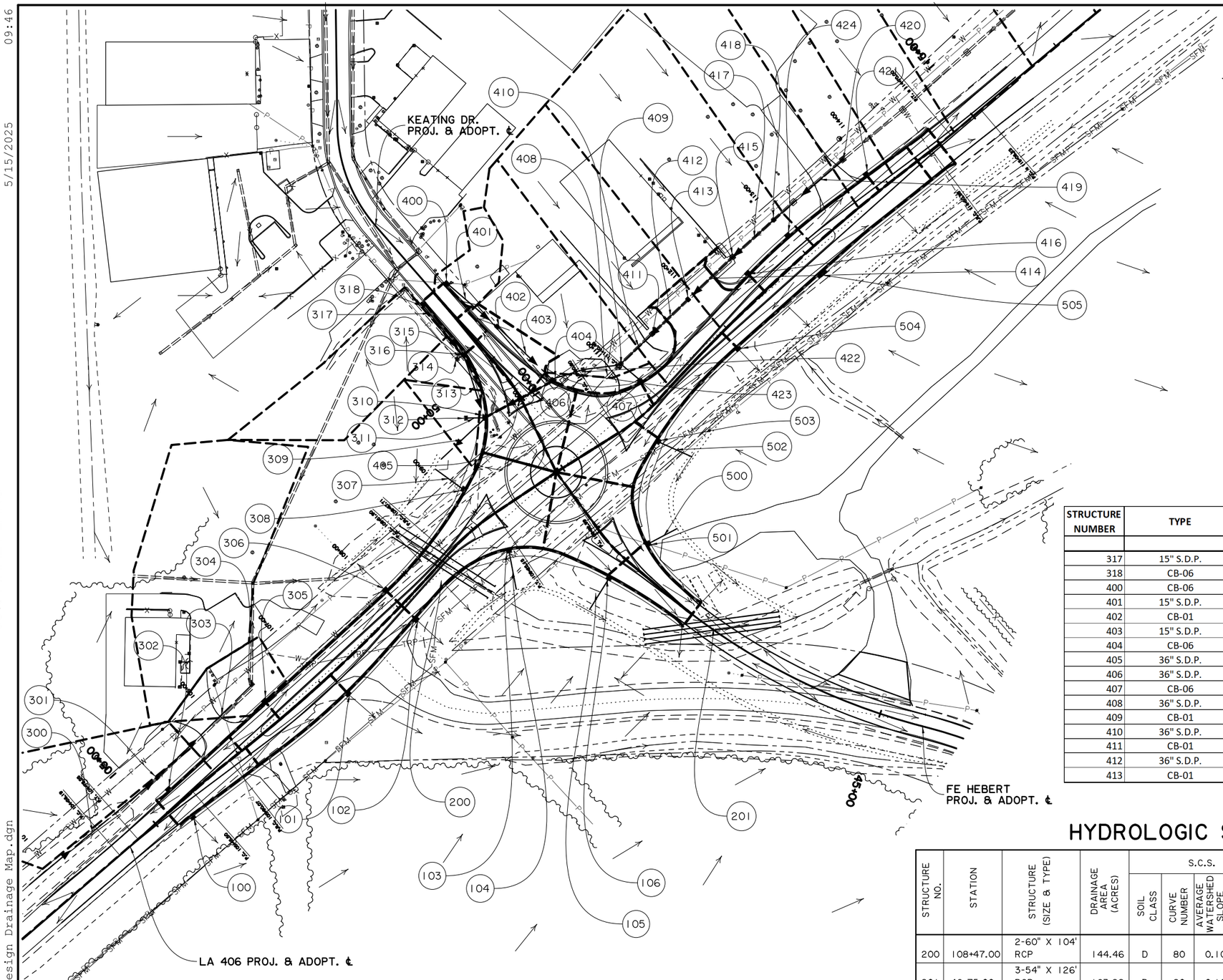
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT
ROAD DESIGN



STRUCTURE NUMBER	TYPE	A	Q	C
		ACRES	CFS	
100	PAVED GUTTER DRAIN	0.04	0.308	0.95
101	PAVED GUTTER DRAIN	0.05	0.415	0.95
102	PAVED GUTTER DRAIN	0.04	0.333	0.95
103	CB-06	0.10	0.846	0.95
104	15" S.D.P.		0.846	
105	15" S.D.P.		0.569	
106	CB-06	0.07	0.569	0.95
300	24" S.D.P.		22.120	
301	CB-01	0.10		0.20
302	PAVED GUTTER DRAIN	0.03	0.255	0.95
303	24" S.D.P.		22.120	
304	CB-01	0.60		0.20
305	PAVED GUTTER DRAIN	0.02	0.167	0.95
306	PAVED GUTTER DRAIN	0.07	0.569	0.95
307	15" S.D.P.		0.899	
308	CB-06	0.11	0.899	0.95
309	36" S.D.P.		15.650	
310	CB-06	0.05	0.458	0.95
311	15" S.D.P.		0.360	
312	CB-01	0.06		0.80
313	15" S.D.P.		0.430	
314	CB-01	0.04		0.80
315	15" S.D.P.		0.240	
316	CB-06	0.03	0.276	0.95

STRUCTURE NUMBER	TYPE	A	Q	C
		ACRES	CFS	
317	15" S.D.P.		0.120	
318	CB-06	0.02	0.163	0.95
400	CB-06	0.01	0.083	0.95
401	15" S.D.P.		0.083	
402	CB-01	0.08	0.649	0.95
403	15" S.D.P.		0.980	
404	CB-06	0.05	0.402	0.95
405	36" S.D.P.		15.350	
406	36" S.D.P.		0.340	
407	CB-06	0.08	0.606	0.95
408	36" S.D.P.		14.540	
409	CB-01	0.29		0.70
410	36" S.D.P.		14.050	
411	CB-01	0.34		0.70
412	36" S.D.P.		13.580	
413	CB-01	0.11		0.70

STRUCTURE NUMBER	TYPE	A	Q	C
		ACRES	CFS	
414	36" S.D.P.		13.460	
415	CB-01	0.73		0.90
416	PAVED GUTTER DRAIN	0.03	0.253	0.95
417	36" S.D.P.		12.100	
418	CB-01	0.41		0.70
419	36" S.D.P.		11.550	
420	CB-01	0.32		0.70
421	PAVED GUTTER DRAIN	0.02	0.140	0.95
422	CB-01	0.28		0.80
423	36" S.D.P.		14.990	
424	PAVED GUTTER DRAIN	0.07	0.536	0.95
500	15" S.D.P.		0.547	
501	CB-06	0.07	0.547	0.95
502	15" S.D.P.		0.490	
503	CB-06	0.06	0.490	0.95
504	PAVED GUTTER DRAIN	0.05	0.403	0.95
505	PAVED GUTTER DRAIN	0.12	0.925	0.95

HYDROLOGIC SUMMARY TABLE

STRUCTURE NO.	STATION	STRUCTURE (SIZE & TYPE)	DRAINAGE AREA (ACRES)	S.C.S. SOIL CLASS	S.C.S. CURVE NUMBER	S.C.S. AVERAGE WATERSHED SLOPE (%)	S.C.S. HYDRAULIC LENGTH (FT.)	U.S.G.S. MAIN CHANNEL SLOPE (FT./MI.)	HYDROLOGIC COEFFICIENTS POND.	HYDROLOGIC COEFFICIENTS URBAN.	HYDROLOGIC COEFFICIENTS URBAN.	DESIGN DISCHARGE (C.F.S.)	TAILWATER ELEVATION	HEADWATER ELEVATION	ALLOWABLE HEADWATER ELEVATION	DIFFERENTIAL HEAD (FT.)	OUTLET VELOCITY (F.P.S.)
200	108+47.00	2-60" X 104' RCP	144.46	D	80	0.10	2850		1.00	1.00	1.00	227	-6.15	-5.96	-2.56	0.81	6.40
201	46+75.00	3-54" X 126' RCP	163.29	D	80	0.10	3000		1.00	1.00	1.00	250	-6.57	-6.27	-3.89	0.57	5.93

① SOIL CONSERVATION SERVICE (S.C.S.) METHOD IS USED FOR WATERSHEDS HAVING DRAINAGE AREAS OF 2000 ACRES AND LESS.

② UNITED STATES GEOLOGICAL SERVICE (U.S.G.S.) METHOD IS USED FOR WATERSHEDS HAVING DRAINAGE AREAS OF 2000 ACRES TO 3000 SQUARE MILES.

③ DESIGN STORM FOR CROSS DRAINS AND BRIDGES = 50 YEARS

④ 24-HOUR RAINFALL (50-YEAR RETURN INTERVAL) = 11.1 INCHES

⑤ ANNUAL PRECIPITATION = 64 INCHES

SHEET NUMBER 16

PARISH: PLAQUEMINES
CONTROL SECTION: 838-06, 000-38
STATE PROJECT: H.008220

DESIGN: RC
CHECK: ML
DETAIL: RC
CHECK: ML
REVIEW:
SERIES #:

98% FINAL PLANS
PRELIMINARY
FOR REVIEW ONLY

ENGINEER:
R. CHATAGNIER

LICENSE #:
36885

DATE:
5/15/2025

NO.	DATE	REVISION OR CHANGE ORDER DESCRIPTION	BY

STATE OF LOUISIANA

DESIGN DRAINAGE MAP

LA 406: ROUNDABOUT AT FE HEBERT

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT
ROAD DESIGN

98% FINAL PLANS

5/15/2025 09:46

IP_PWP:d0696187\016_Design Drainage Map.dgn

STRUCTURE NUMBER	STATION	SIDE OF CL	DESCRIPTION	PLAN	TYPE	PAVED GUTTER DRAIN (SINGLE)	PAVED GUTTER DRAIN (DOUBLE)	CROSS DRAIN PIPE (ARCH)*		STORM DRAIN PIPE**			STORM DRAIN PIPE PLASTIC EXTENSION	CATCH BASINS		BEDDING MATERIAL	FLOWABLE FILL	COLLAR
								54"	60"	15"	24"	36"	24"	CB-01	CB-06			
						EACH	EACH	LIN. FT.	LIN. FT.	LIN. FT.	LIN. FT.	LIN. FT.	LIN. FT.	EACH	EACH	CU. YDS.	CU. YDS.	EACH
100	105+30.00	RT.	PAVED GUTTER DRAIN (SINGLE)	PG-DRAIN	PG	1												
101	107+12.00	RT.	PAVED GUTTER DRAIN (SINGLE)	PG-DRAIN	PG	1												
102	108+03.00	RT.	PAVED GUTTER DRAIN (SINGLE)	PG-DRAIN	PG	1												
103	109+15.00	RT.	CATCH BASIN	CB-06	CB										1	1.0		
104	109+03.75	RT.	STORM DRAIN PIPE, 15" X 34'		SDP					34						2.6		
105	47+74.40	LT.	STORM DRAIN PIPE, 15" X 32'		SDP					32						2.5		
106	47+77.00	LT.	CATCH BASIN	CB-06	CB										1	1.0		
200	108+47.00		CROSS DRAIN PIPE (ARCH), 2 - 60" X 104'						208							30.6		
201	46+75.00		CROSS DRAIN PIPE (ARCH), 3 - 54" X 126'					378								39.4		
300	104+51.14	LT.	STORM DRAIN PIPE, 24" X 152'								152					14.1		
301	105+28.98	LT.	CATCH BASIN (GRATE TYPE B)	CB-01	CB									1		0.8		
302	105+30.00	LT.	PAVED GUTTER DRAIN (SINGLE)	PG-DRAIN	PG	1												
303	105+88.00	LT.	STORM DRAIN PIPE, 24" X 120'								120					10.7		
304	106+51.00	LT.	CATCH BASIN (GRATE TYPE B)	CB-01	CB									1		0.8		
305	106+50.00	LT.	PAVED GUTTER DRAIN (SINGLE)	PG-DRAIN	PG	1												
306	108+03.00	LT.	PAVED GUTTER DRAIN (SINGLE)	PG-DRAIN	PG	1												
307	109+10.45	LT.	STORM DRAIN PIPE, 15" X 28'		SDP					28						2.2		
308	109+15.00	LT.	CATCH BASIN	CB-06	CB										1	1.0		
309	109+37.52	LT.	STORM DRAIN PIPE, 36" X 52'		SDP							52				5.8		
310	49+55.00	LT.	CATCH BASIN	CB-06	CB										1	1.0		
311	49+61.35	LT.	STORM DRAIN PIPE, 15" X 14'							14						0.7		
312	49+66.85	LT.	CATCH BASIN (GRATE TYPE B)	CB-01	CB									1		0.8		
313	51+16.03	LT.	STORM DRAIN PIPE, 15" X 56'		SDP					56						4.1		
314	51+39.02	LT.	CATCH BASIN (GRATE TYPE B)	CB-01	CB									1		0.8		
315	51+38.36	LT.	STORM DRAIN PIPE, 15" X 4'		SDP					4								
316	51+37.74	LT.	CATCH BASIN	CB-06	CB										1	1.0		
317	51+67.15	LT.	STORM DRAIN PIPE, 15" X 56'		SDP					56						4.1		
318	52+00.00	LT.	CATCH BASIN	CB-06	CB										1	1.0		
319	106+50.00	LT.	STORM DRAIN PIPE. 24" X 5' EXT. WITH COLLAR										5					1
400	52+00.00	RT.	CATCH BASIN	CB-06	CB										1	1.0		
401	51+67.41	RT.	STORM DRAIN PIPE, 15" X 56'		SDP					56						4.2		
402	51+37.18	RT.	CATCH BASIN (GRATE TYPE C)	CB-01	CB									1		0.8		
403	49+84.25	RT.	STORM DRAIN PIPE, 15" X 68'							68'						5.0		
404	49+55.00	RT.	CATCH BASIN	CB-06	CB										1	1.1		
405	110+00.25	RT.	STORM DRAIN PIPE, 36" X 74'		SDP							74				7.6		
406	111+10.51	LT.	STORM DRAIN PIPE, 36" X 20'		SDP							20				3.2		
407	110+10.00	LT.	CATCH BASIN	CB-06	CB										1	1.0		
408	110+89.81	LT.	STORM DRAIN PIPE, 36" X 34'		SDP							34				3.3		
409	111+10.00	LT.	CATCH BASIN (GRATE TYPE B)	CB-01	CB									1		0.8		

98% FINAL PLANS

5/15/2025 09:46

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SHEET NUMBER 17

PARISH: PLAQUEMINES
CONTROL SECTION: 838-06, 000-38
STATE PROJECT: H.008220

DESIGN: RC
CHECK: ML
DETAIL: RC
CHECK: ML
REVIEW:
SERIES #:

98% FINAL PLANS
PRELIMINARY
FOR REVIEW ONLY

ENGINEER:
R. CHATAGNIER

LICENSE #:
36885

DATE:
5/15/2025

NO.	DATE	REVISION OR CHANGE ORDER DESCRIPTION	BY

SUMMARY OF
DRAINAGE STRUCTURES

LA 406: ROUNDABOUT AT FE HEBERT

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

ROAD DESIGN

STRUCTURE NUMBER	STATION	SIDE OF CL	DESCRIPTION	PLAN	TYPE	PAVED GUTTER DRAIN (SINGLE)	PAVED GUTTER DRAIN (DOUBLE)	CROSS DRAIN PIPE (ARCH)*		STORM DRAIN PIPE**			STORM DRAIN PIPE PLASTIC EXTENSION	CATCH BASINS		BEDDING MATERIAL	FLOWABLE FILL	COLLAR
								54"	60"	15"	24"	36"	24"	CB-01	CB-06			
						EACH	EACH	LIN. FT.	LIN. FT.	LIN. FT.	LIN. FT.	LIN. FT.	LIN. FT.	EACH	EACH	CU. YDS.	CU. YDS.	EACH
410	111+29.30	LT.	STORM DRAIN PIPE, 36" X 38'		SDP							38				3.8		
411	111+49.27	LT.	CATCH BASIN (GRATE TYPE B)	CB-01	CB									1		0.8		
412	111+73.62	LT.	STORM DRAIN PIPE, 36" X 46'		SDP							46				4.4		
413	111+93.84	LT.	CATCH BASIN (GRATE TYPE C)	CB-01	CB									1		0.8		
414	112+21.33	LT.	STORM DRAIN PIPE, 36" X 54'		SDP							54				5.6		
415	112+48.80	LT.	CATCH BASIN (GRATE TYPE B)	CB-01	CB									1		0.8		
416	112+50.00	LT.	PAVED GUTTER DRAIN (SINGLE)	PG-DRAIN	PG	1												
417	112+73.48	LT.	STORM DRAIN PIPE, 36" X 50'		SDP							50				7.8		
418	112+99.03	LT.	CATCH BASIN (GRATE TYPE B)	CB-01	CB									1		0.8		
419	113+40.01	LT.	STORM DRAIN PIPE, 36" X 82'		SDP							82				6.0		
420	113+81.48	LT.	CATCH BASIN (GRATE TYPE B)	CB-01	CB									1		0.8		
421	113+90.00	LT.	PAVED GUTTER DRAIN (SINGLE)	PG-DRAIN	PG	1												
422	110+65.98	LT.	CATCH BASIN (GRATE TYPE B)	CB-01	CB									1		0.8		
423	110+50.14	LT.	STORM DRAIN PIPE, 36" X 26'		SDP					26						3.2		
424	112+99.03	LT.	PAVED GUTTER DRAIN (SINGLE)	PG-DRAIN	PG	1												
500	47+63.71	RT.	STORM DRAIN PIPE, 15" X 28'		SDP					28						2.2		
501	47+70.00	RT.	CATCH BASIN	CB-06	CB										1	1.0		
502	110+90.35	RT.	STORM DRAIN PIPE, 15" X 30'		SDP					30						2.4		
503	110+84.00	RT.	CATCH BASIN	CB-06	CB										1	1.0		
504	111+93.84	RT.	PAVED GUTTER DRAIN (SINGLE)	PG-DRAIN	PG	1												
505	112+99.03	RT.	PAVED GUTTER DRAIN (DOUBLE)	PG-DRAIN	PG		1											
	49+16.21		ABANDONED CROSS DRAIN 24"														8	
	TOTALS					**10**	**1**	**378**	**208**	**364**	**272**	**450**	**5**	**12**	**11**	**196.2**	**8**	

*ALLOWABLE MATERIAL IS RCPA
**ALLOWABLE MATERIAL IS RCP/RPVCP

MATERIAL ABBREVIATIONS

RCPA - REINFORCED CONCRETE PIPE ARCH
RCP - REINFORCED CONCRETE PIPE
RPVCP -RIBBED POLYVINYL CHLORIDE PIPE

TYPE ABBREVIATIONS

PG - PAVED GUTTER DRAIN
CB - CATCH BASIN
SDP - STORM DRAIN PIPE

98% FINAL PLANS

5/15/2025 09:47

IP_PWP:d0696187\018_Summary of Drainage Structures.dgn

SHEET NUMBER 18

PARISH: PLAQUEMINES
CONTROL SECTION: 838-06, 000-38
STATE PROJECT: H.008220

DESIGN: RC
CHECK: ML
DETAIL: RC
CHECK: ML
REVIEW:
SERIES #:

98% FINAL PLANS
PRELIMINARY
FOR REVIEW ONLY

ENGINEER:
R. CHATAGNIER

LICENSE #:
36885

DATE:
5/15/2025

NO.	DATE	REVISION OR CHANGE ORDER DESCRIPTION	BY

STATE OF LOUISIANA

SUMMARY OF
DRAINAGE STRUCTURES

LA 406: ROUNDABOUT AT FE HEBERT

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

ROAD
DESIGN

09:47
5/15/2025

98% FINAL PLANS

1	R = 400.00' Δ = 20°59'45.13"	14	R = 90.00' Δ = 41°29'15.02"
2	R = 100.00' Δ = 35°11'27.79"	15	R = 120.00' Δ = 29°52'01.51"
3	R = 125.00' Δ = 32°16'39.28"	16	R = 612.00' Δ = 05°20'43.88"
4	R = 400.00' Δ = 12°10'02.92"		
5	R = 120.00' Δ = 27°29'11.71"		
6	R = 50.00' Δ = 26°11'31.41"		
7	R = 120.00' Δ = 30°44'49.31"		
8	R = 400.00' Δ = 20°39'19.53"		
9	R = 50.00' Δ = 39°32'28.07"		
10	R = 130.00' Δ = 35°52'55.00"		
11	R = 589.00' Δ = 09°23'26.18"		
12	R = 611.00' Δ = 09°24'03.17"		
13	R = 500.00' Δ = 14°32'23.42"		

17 PROJ. & ADOPT ℄ CURVE DATA
P.I. STA. 107+21.32
Δ = 10°00'04.3" LT.
D = 03°49'11.0"
T = 131.25'
L = 261.83'
R = 1500.00'

18 PROJ. & ADOPT ℄ CURVE DATA
P.I. STA. 108+59.81
Δ = 01°00'23.7" LT.
D = 06°21'58.3"
T = 7.91'
L = 15.81'
R = 900.00'

19 PROJ. & ADOPT ℄ CURVE DATA
P.I. STA. 108+96.60
Δ = 15°18'24.7" RT.
D = 26°38'57.1"
T = 28.89'
L = 57.44'
R = 215.00'

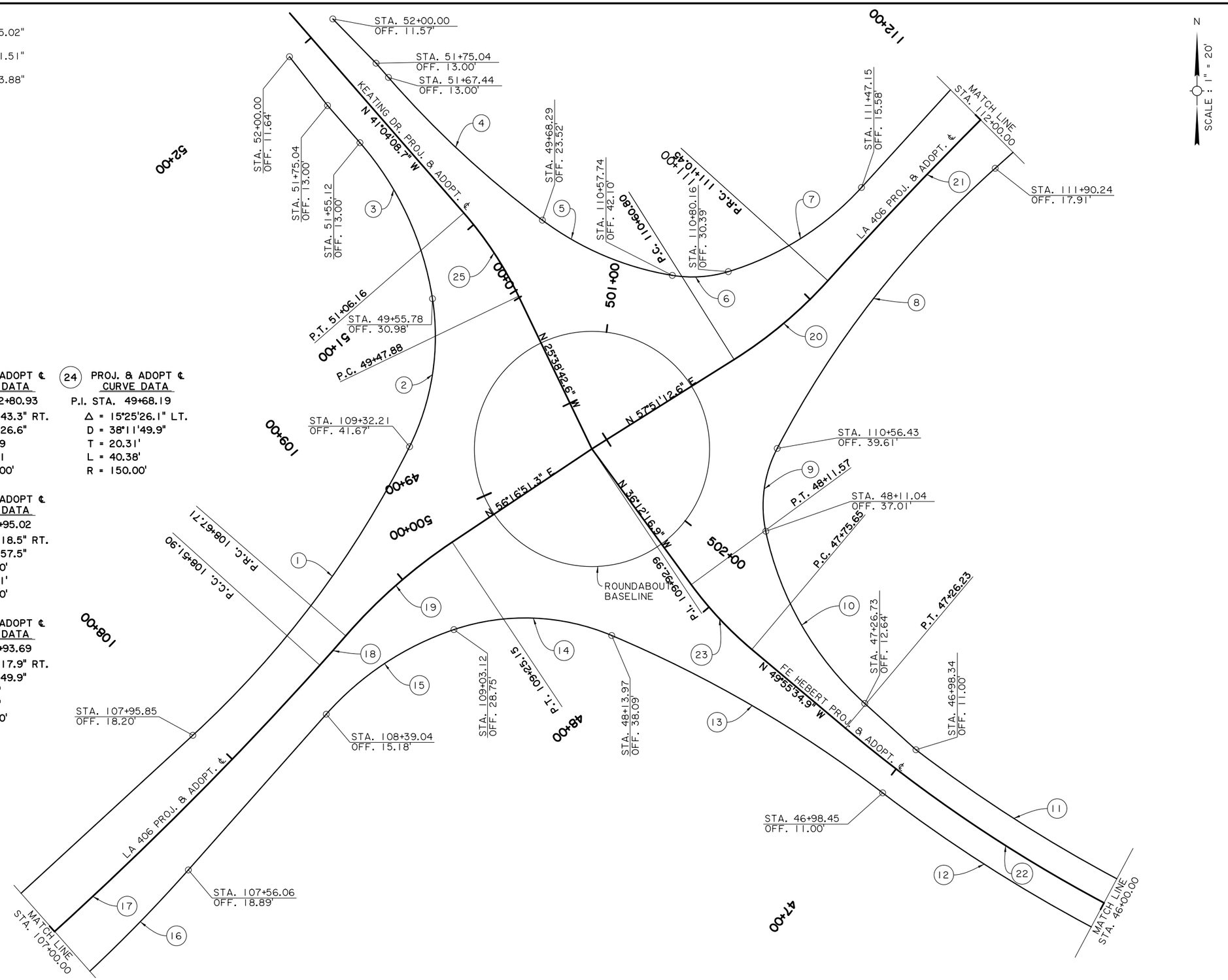
20 PROJ. & ADOPT ℄ CURVE DATA
P.I. STA. 110+85.78
Δ = 15°48'08.8" LT.
D = 31°49'51.6"
T = 24.98'
L = 49.64'
R = 180.00'

21 PROJ. & ADOPT ℄ CURVE DATA
P.I. STA. 112+80.93
Δ = 11°07'43.3" RT.
D = 03°16'26.6"
T = 170.49
L = 339.91
R = 1750.00'

22 PROJ. & ADOPT ℄ CURVE DATA
P.I. STA. 45+95.02
Δ = 25°29'18.5" RT.
D = 09°32'57.5"
T = 135.70'
L = 266.91'
R = 600.00'

23 PROJ. & ADOPT ℄ CURVE DATA
P.I. STA. 47+93.69
Δ = 13°43'17.9" RT.
D = 38°11'49.9"
T = 18.05'
L = 35.92'
R = 150.00'

24 PROJ. & ADOPT ℄ CURVE DATA
P.I. STA. 49+68.19
Δ = 15°25'26.1" LT.
D = 38°11'49.9"
T = 20.31'
L = 40.38'
R = 150.00'



NOTE:
CALLOUTS ARE MEASURED FROM THE APPROPRIATE PROJ. & ADOPT. ℄ TO THE EDGE OF PAVEMENT

IP_PWP:d0696187\019_Geometric Details.dgn

SHEET NUMBER	19
PARISH	PLAQUEMINES
CONTROL SECTION	838-06, 000-38
STATE PROJECT	H.008220
DESIGN	RC
CHECK	ML
DETAIL	RC
CHECK	ML
REVIEW	
SERIES #	

98% FINAL PLANS
PRELIMINARY
FOR REVIEW ONLY

ENGINEER:
R. CHATAGNIER

LICENSE #:
36885

DATE:
5/15/2025

NO.	DATE	REVISION OR CHANGE ORDER DESCRIPTION	BY

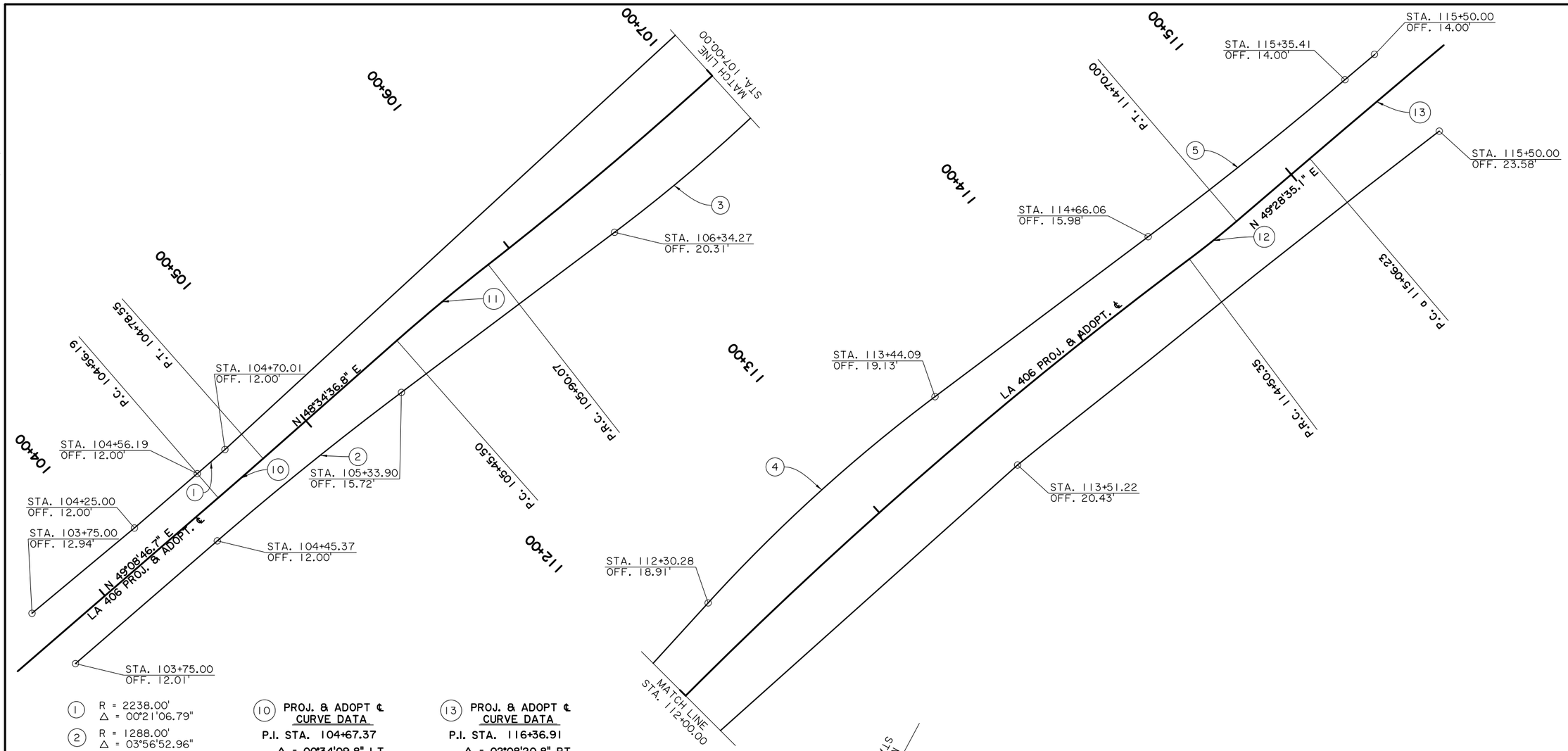
STATE OF LOUISIANA
REGISTERED PROFESSIONAL ENGINEER
36885

GEOMETRIC DETAILS
EDGE OF PAVEMENT

LA 406: ROUNDABOUT AT FE HEBERT

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

ROAD DESIGN



1. R = 2238.00'
   Δ = 00°21'06.79"
2. R = 1288.00'
   Δ = 03°56'52.96"
3. R = 612.00'
   Δ = 11°34'05.15"
4. R = 612.00'
   Δ = 10°47'07.27"
5. R = 1588.00'
   Δ = 03°24'28.12"
6. R = 846.00'
   Δ = 0°55'10.94"
7. R = 386.00'
   Δ = 03°11'41.10"
8. R = 364.00'
   Δ = 03°11'41.10"
9. R = 824.00'
   Δ = 0°55'10.94"

10 PROJ. & ADOPT ℄ CURVE DATA
P.I. STA. 104+67.37
Δ = 00°34'09.8" LT.
D = 02°32'47.3"
T = 11.18'
L = 22.36'
R = 2250.00'

11 PROJ. & ADOPT ℄ CURVE DATA
P.I. STA. 105+67.79
Δ = 03°24'17.7" RT.
D = 07°38'22.0"
T = 22.29'
L = 44.57'
R = 750.00'

12 PROJ. & ADOPT ℄ CURVE DATA
P.I. STA. 114+61.67
Δ = 03°42'12.0" LT.
D = 16°22'12.8"
T = 11.32'
L = 22.62'
R = 350.00'

13 PROJ. & ADOPT ℄ CURVE DATA
P.I. STA. 116+36.91
Δ = 02°08'20.8" RT.
D = 00°49'06.6"
T = 130.69'
L = 261.34'
R = 7000.00'

14 PROJ. & ADOPT ℄ CURVE DATA
P.I. STA. 43+46.16
Δ = 31°17'01.2" LT.
D = 15°16'44.0"
T = 105.00'
L = 204.75'
R = 375.00'

15 PROJ. & ADOPT ℄ CURVE DATA
P.I. STA. 44+52.61
Δ = 00°55'10.9" LT.
D = 06°51'42.4"
T = 6.70'
L = 13.40'
R = 835.00'

NOTE:
CALLOUTS ARE MEASURED FROM THE APPROPRIATE PROJ. & ADOPT. ℄ TO THE EDGE OF PAVEMENT

SHEET NUMBER 20

PARISH	CONTROL SECTION	STATE PROJECT
PLAQUEMINES	838-06, 000-38	H.008220

DESIGN RC
CHECK ML
DETAIL RC
CHECK ML
REVIEW
SERIES #

98% FINAL PLANS
PRELIMINARY
FOR REVIEW ONLY

ENGINEER:
R. CHATAGNIER

LICENSE #:
36885

DATE:
5/15/2025

NO.	DATE	REVISION OR CHANGE ORDER DESCRIPTION	BY

STATE OF LOUISIANA

GEOMETRIC DETAILS
EDGE OF PAVEMENT

LA 406: ROUNDABOUT AT FE HEBERT

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

ROAD DESIGN

98% FINAL PLANS

① R = 3.00'
△ = 32°31'17.77"

② R = 3.00'
△ = 57°35'37.42"

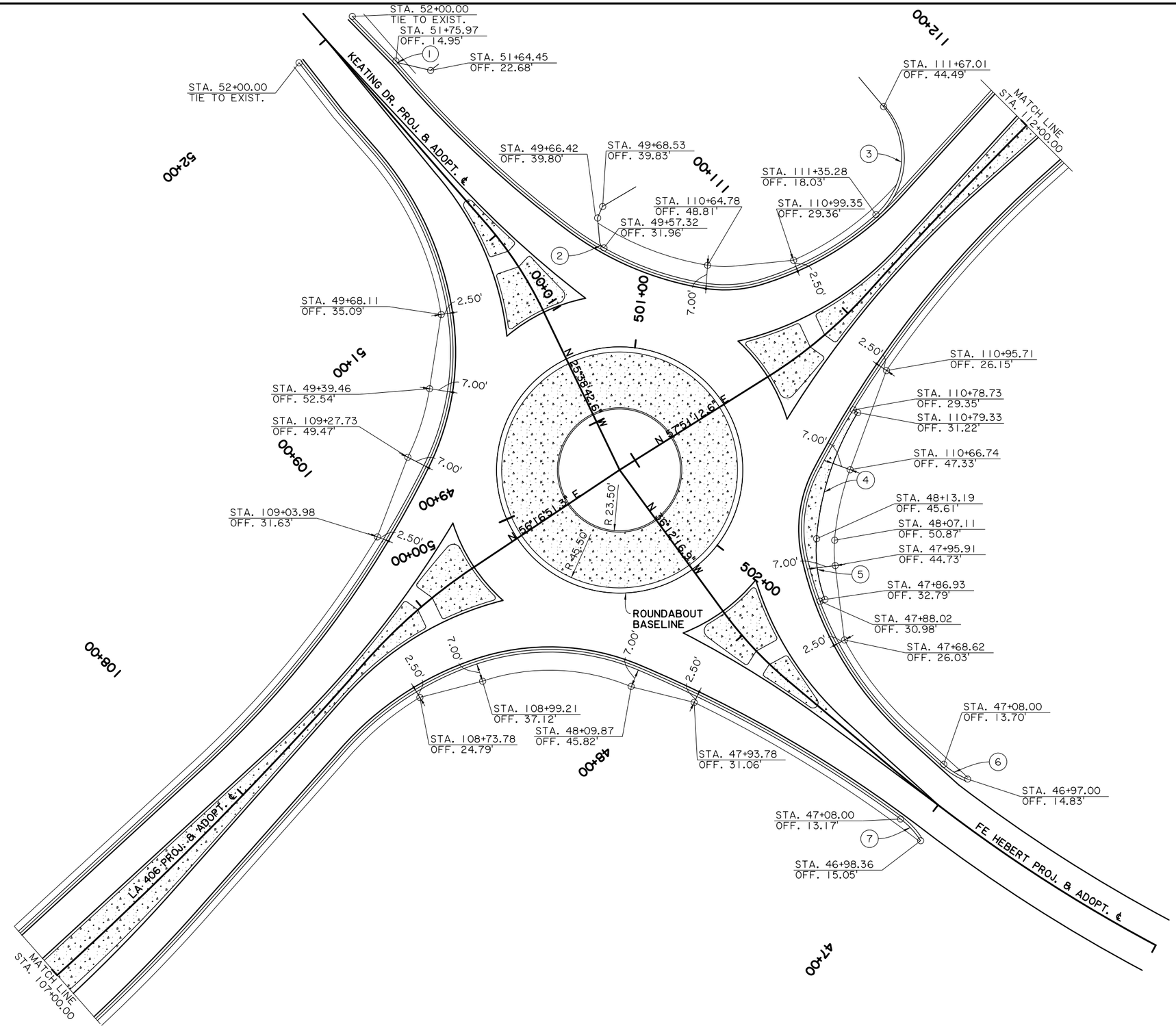
③ R = 30.00'
△ = 88°11'24.21"

④ R = 110.00'
△ = 26°54'34.06"

⑤ R = 55.00'
△ = 24°48'51.01"

⑥ R = 30.00'
△ = 20°44'06.44"

⑦ R = 30.00'
△ = 21°55'55.40"



NOTE:
CALLOUTS ARE MEASURED FROM THE APPROPRIATE PROJ. & ADOPT. ℄ TO THE BACK OF CURB/BACK OF ISLAND

N
SCALE : 1" = 20'

SHEET NUMBER	21
PARISH	PLAQUEMINES
CONTROL SECTION	838-06, 000-38
STATE PROJECT	H.008220

DESIGN RC
CHECK ML
DETAIL RC
CHECK ML
REVIEW
SERIES #

98% FINAL PLANS
PRELIMINARY
FOR REVIEW ONLY

ENGINEER:
R. CHATAGNIER

LICENSE #:
36885

DATE:
5/15/2025

NO.	DATE	REVISION OR CHANGE ORDER DESCRIPTION	BY

STATE OF LOUISIANA

GEOMETRIC DETAILS
TRUCK APRONS, CURBS, AND BERMS

LA 406: ROUNDABOUT AT FE HEBERT

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT
ROAD DESIGN

(1) R = 30.00'
△ = 19°16'41.97"

(2) R = 30.00'
△ = 19°24'15.66"

(3) R = 20.00'
△ = 85°44'16.50"

(4) R = 3.00'
△ = 19°44'59.72"

(5) R = 3.00'
△ = 19°44'59.72"

(6) R = 20.00'
△ = 69°53'13.47"

(7) R = 3.00'
△ = 52°11'31.19"

(8) R = 3.00'
△ = 62°19'48.83"

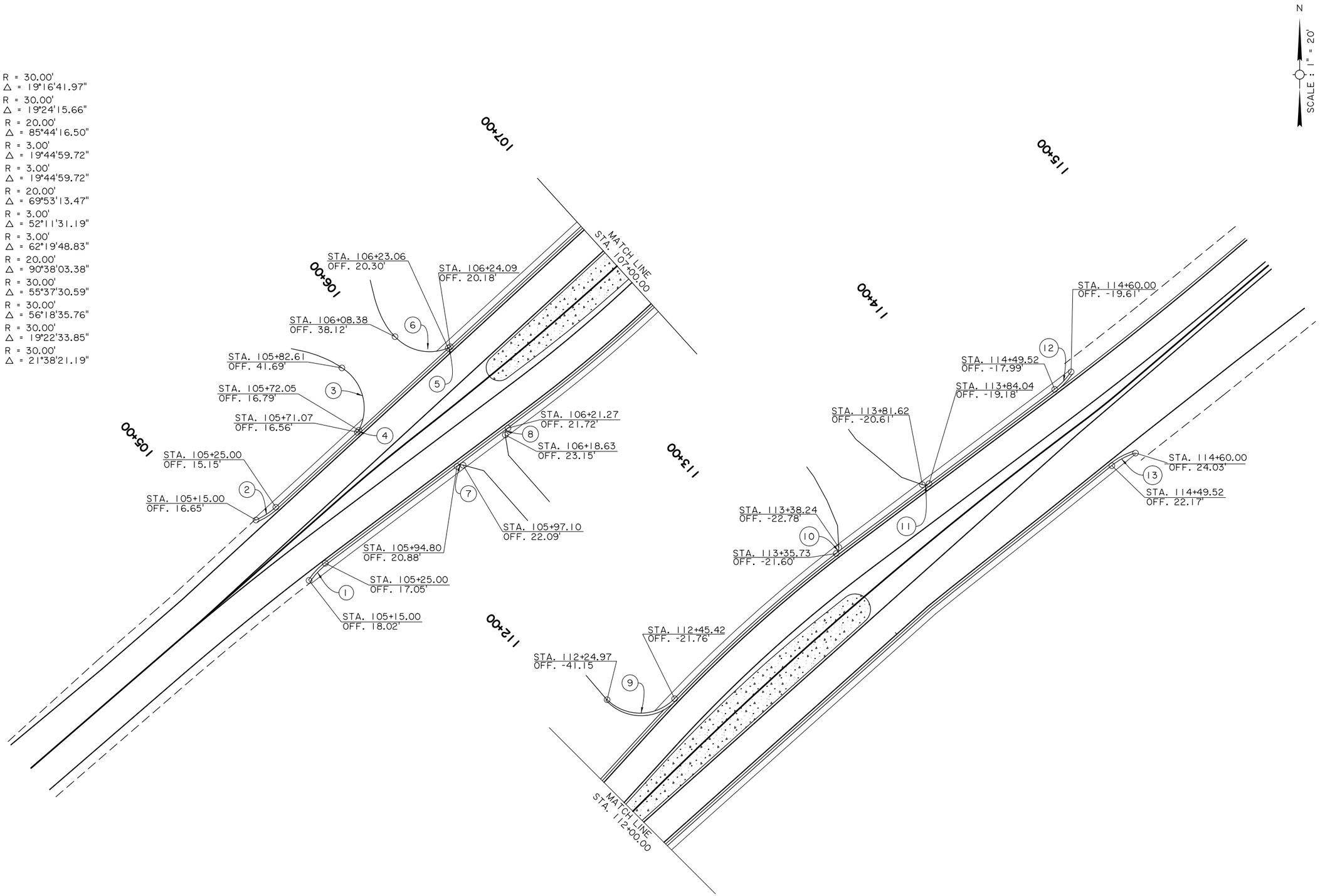
(9) R = 20.00'
△ = 90°38'03.38"

(10) R = 30.00'
△ = 55°37'30.59"

(11) R = 30.00'
△ = 56°18'35.76"

(12) R = 30.00'
△ = 19°22'33.85"

(13) R = 30.00'
△ = 21°38'21.19"



NOTE:
CALLOUTS ARE MEASURED FROM THE APPROPRIATE PROJ. & ADOPT. ℄ TO THE BACK OF CURB/BACK OF ISLAND.

SHEET NUMBER	22
PARISH	PLAQUEMINES
CONTROL SECTION	838-06, 000-38
STATE PROJECT	H.008220

DESIGN RRC
CHECK MJL
DETAIL RRC
CHECK MJL
REVIEW
SERIES #

98% FINAL PLANS
PRELIMINARY
FOR REVIEW ONLY

ENGINEER:
R. CHATAGNIER

LICENSE #:
36885

DATE:
5/15/2025

NO.	DATE	REVISION OR CHANGE ORDER DESCRIPTION	BY

STATE OF LOUISIANA
DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT

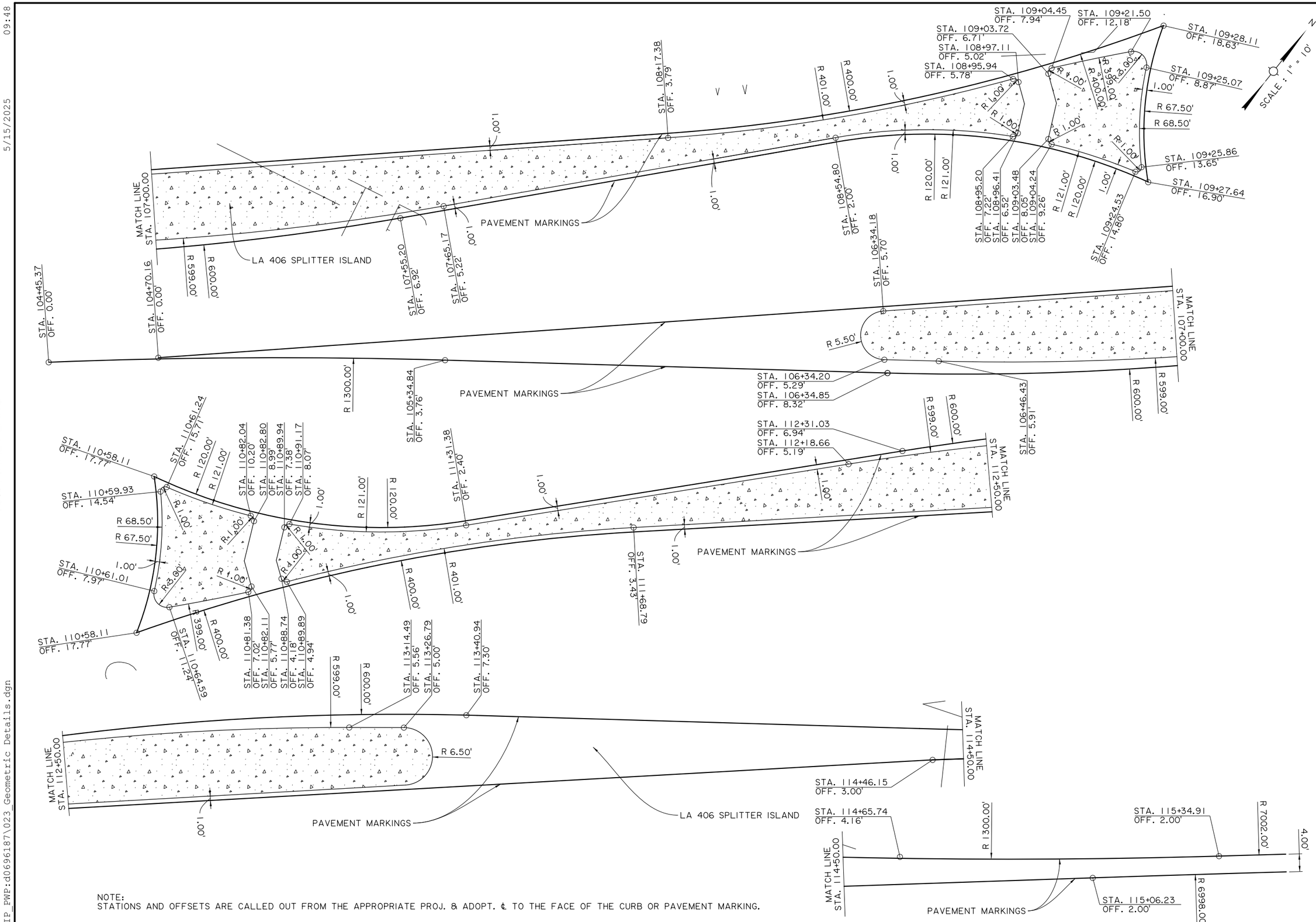
GEOMETRIC DETAILS
CURBS AND BERMS

LA 406: ROUNDABOUT AT FE HEBERT

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

ROAD DESIGN

98% FINAL PLANS



NOTE:
STATIONS AND OFFSETS ARE CALLED OUT FROM THE APPROPRIATE PROJ. & ADOPT. ℄ TO THE FACE OF THE CURB OR PAVEMENT MARKING.

SHEET NUMBER	23
PARISH	PLAQUEMINES
CONTROL SECTION	838-06, 000-38
STATE PROJECT	H.008220

DESIGN RC
CHECK ML
DETAIL RC
CHECK ML
REVIEW
SERIES #

98% FINAL PLANS
PRELIMINARY
FOR REVIEW ONLY

ENGINEER:
R. CHATAGNIER

LICENSE #:
36885

DATE:
5/15/2025

NO.	DATE	REVISION OR CHANGE ORDER DESCRIPTION	BY

STATE OF LOUISIANA

GEOMETRIC DETAILS

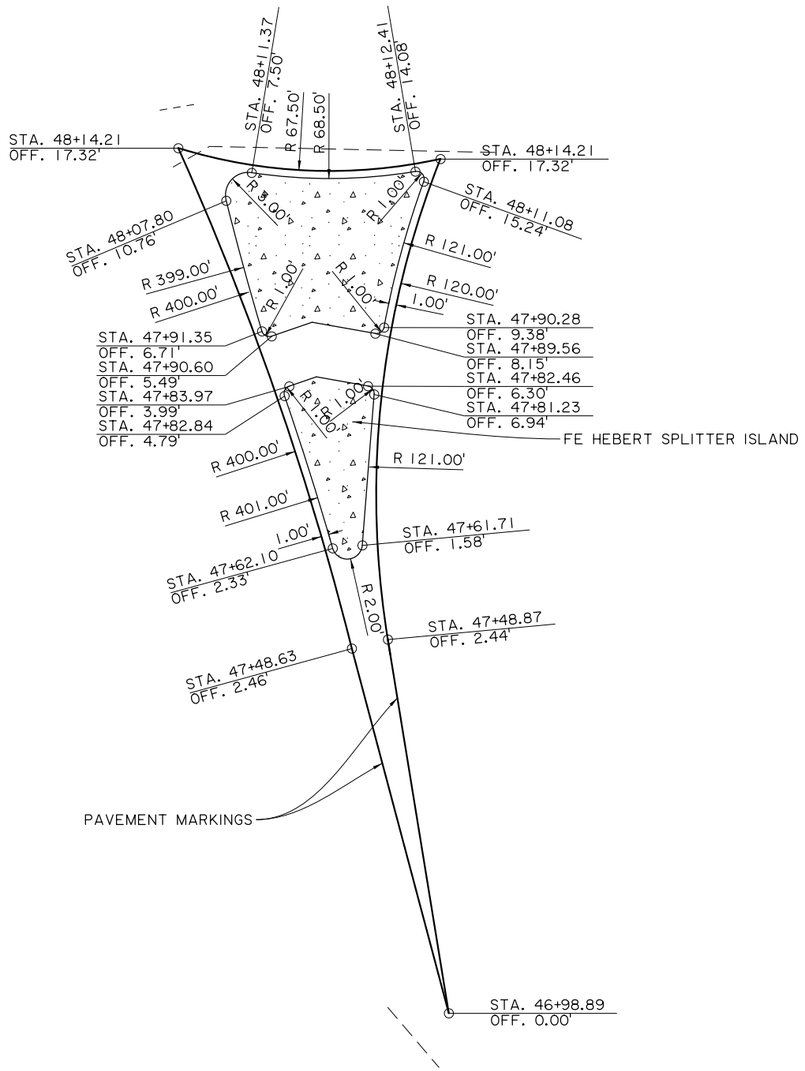
SPLITTER ISLAND DETAILS & PERMANENT PAVEMENT MARKINGS

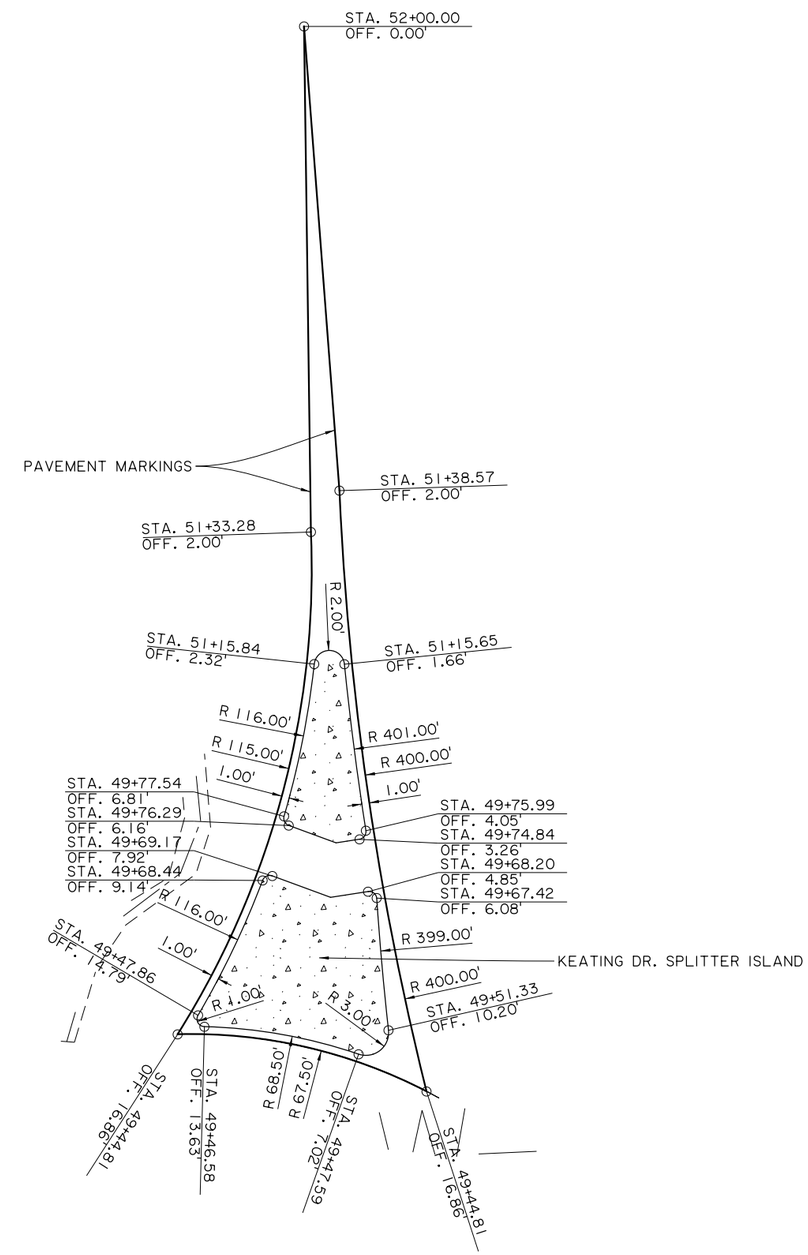
LA 406: ROUNDABOUT AT FE HEBERT

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

ROAD DESIGN

98% FINAL PLANS





SCALE : 1" = 10'

NOTE:
STATIONS AND OFFSETS ARE CALLED OUT FROM THE APPROPRIATE PROJ. & ADOPT. ℄ TO THE FACE OF THE CURB OR PAVEMENT MARKING.

SHEET NUMBER 24

PARISH	CONTROL SECTION	STATE PROJECT
PLAQUEMINES	838-06, 000-38	H.008220

DESIGN	RC	DETAIL	RC
CHECK	ML	CHECK	ML
REVIEW		SERIES #	

98% FINAL PLANS
PRELIMINARY
FOR REVIEW ONLY

ENGINEER:
R. CHATAGNIER

LICENSE #:
36885

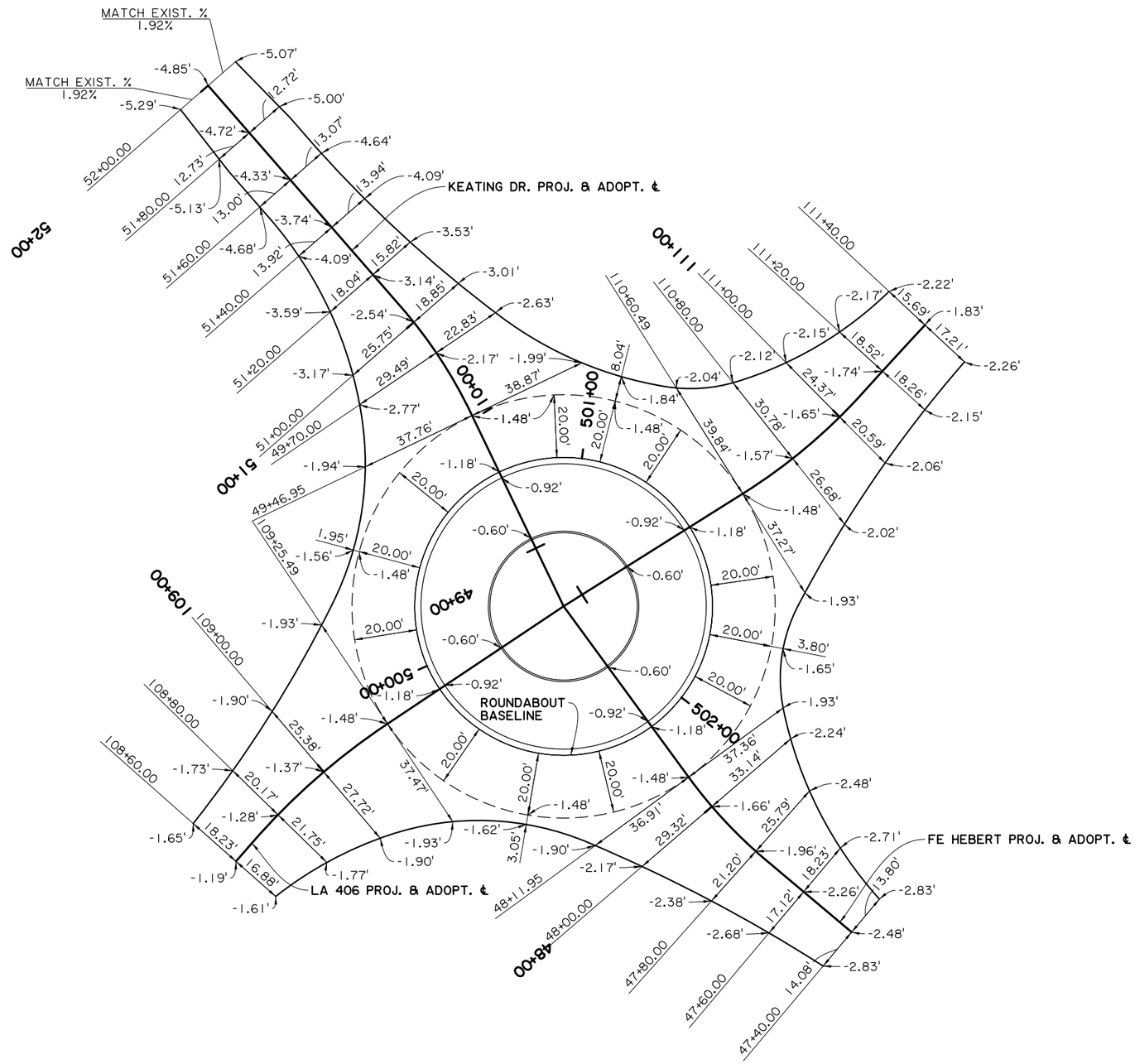
DATE:
5/15/2025

NO.	DATE	REVISION OR CHANGE ORDER DESCRIPTION	BY

GEOMETRIC DETAILS
SPLITTER ISLAND DETAILS &
PERMANENT PAVEMENT MARKINGS

LA 406: ROUNDABOUT AT FE HEBERT

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT
ROAD DESIGN



NOTES:

1. FINISHED GRADE LENGTHS ARE CALLED OUT FROM THE APPROPRIATE PROJ. & ADOPT. ℄ TO THE EDGE OF PAVEMENT.
2. ELEVATIONS ARE CALLED OUT FROM THE APPROPRIATE PROJ. & ADOPT. ℄ AND THE EDGE OF PAVEMENT/EDGE OF ROUNDABOUT.

N
SCALE : 1" = 20'

SHEET NUMBER	25
PARISH	PLAQUEMINES
CONTROL SECTION	838-06, 000-38
STATE PROJECT	H.008220

DESIGN RC
CHECK ML
DETAIL RC
CHECK ML
REVIEW
SERIES 9

98% FINAL PLANS
PRELIMINARY
FOR REVIEW ONLY

ENGINEER:
R. CHATAGNIER

LICENSE #:
36885

DATE:
5/15/2025

NO.	DATE	REVISION OR CHANGE ORDER DESCRIPTION	BY

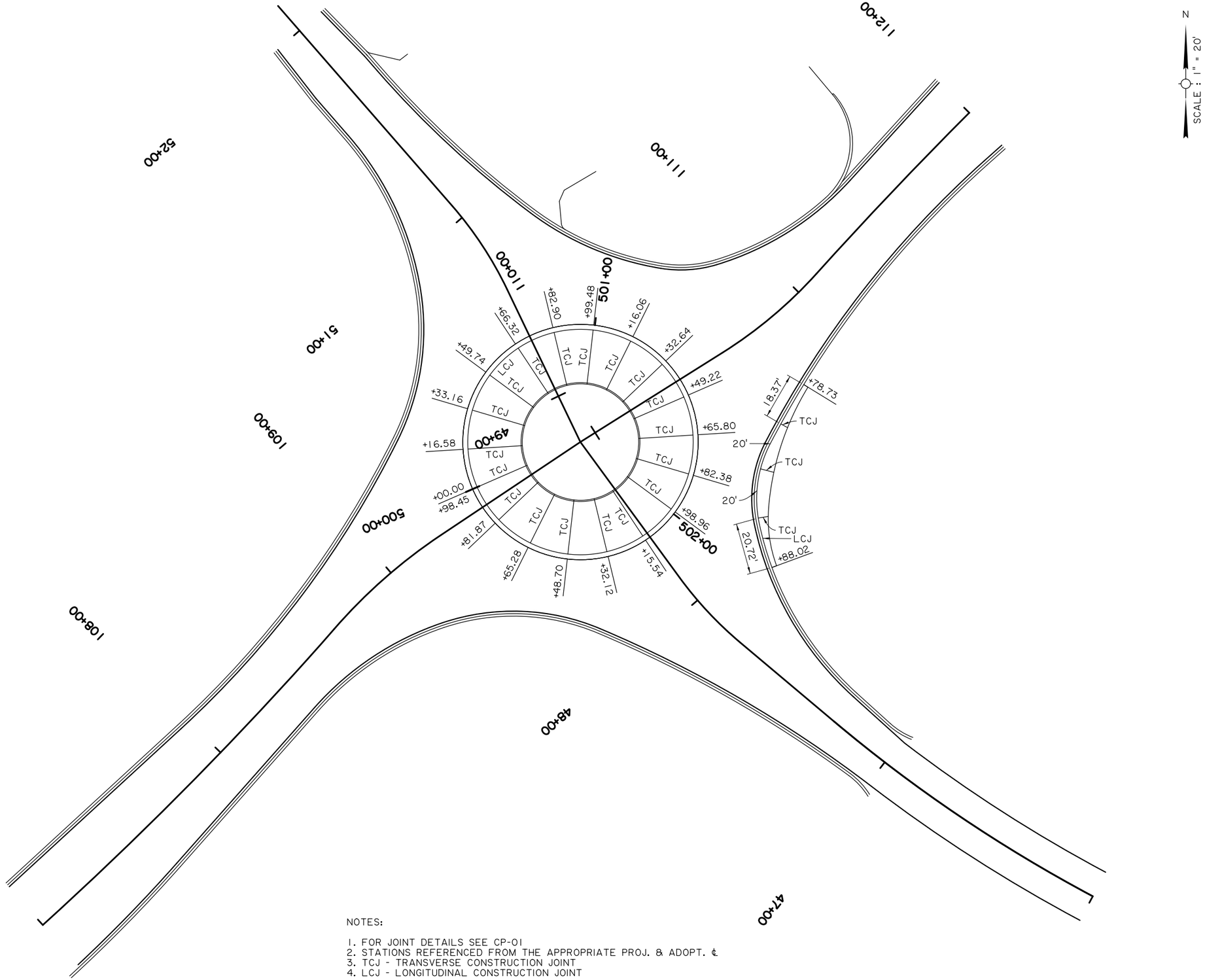
STATE OF LOUISIANA

GRAPHICAL GRADES

LA 406: ROUNDABOUT AT FE HEBERT

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

ROAD DESIGN



NOTES:

1. FOR JOINT DETAILS SEE CP-01
2. STATIONS REFERENCED FROM THE APPROPRIATE PROJ. & ADOPT. ℄
3. TCJ - TRANSVERSE CONSTRUCTION JOINT
4. LCJ - LONGITUDINAL CONSTRUCTION JOINT

98% FINAL PLANS

5/15/2025 09:49

IP_PWP:d0696187\026_Joint Layout.dgn

SHEET NUMBER	26
PARISH	PLAQUEMINES
CONTROL SECTION	838-06, 000-38
STATE PROJECT	H.008220

DESIGN	RC	DETAIL	RC
CHECK	ML	CHECK	ML
REVIEW		SERIES #	

98% FINAL PLANS

PRELIMINARY
FOR REVIEW ONLY

ENGINEER:
R. CHATAGNIER

LICENSE #:
36885

DATE:
5/15/2025

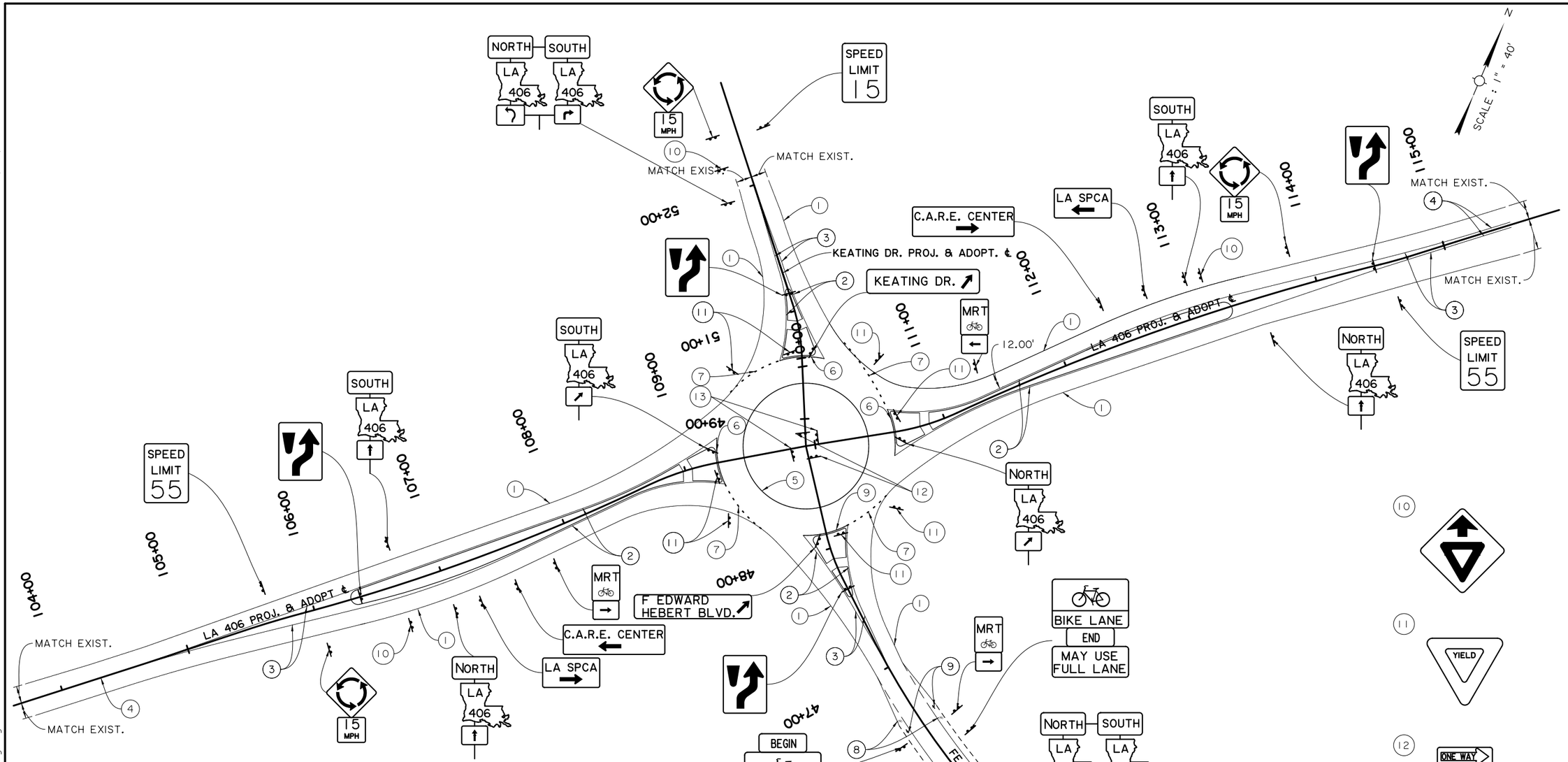
NO.	DATE	REVISION OR CHANGE ORDER DESCRIPTION	BY

SUGGESTED JOINT LAYOUT

LA 406: ROUNDABOUT AT FE HEBERT

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

ROAD DESIGN



1. PERMANENT WHITE PLASTIC PAVEMENT STRIPING (SOLID LINE) (4" WIDTH)
2. PERMANENT YELLOW PLASTIC PAVEMENT STRIPING (SOLID LINE) (4" WIDTH)
3. PERMANENT YELLOW PLASTIC PAVEMENT STRIPING (SOLID LINE) (4" WIDTH) WITH REFLECTORIZED PAVEMENT MARKERS 10' O.C.
4. PERMANENT YELLOW PLASTIC PAVEMENT STRIPING (SOLID LINE) (4" WIDTH) WITH REFLECTORIZED PAVEMENT MARKERS 20' O.C. FOR DOUBLE YELLOW CENTERLINE
5. PERMANENT YELLOW PLASTIC PAVEMENT STRIPING (SOLID LINE) (8" WIDTH)
6. PERMANENT WHITE PLASTIC PAVEMENT STRIPING (SOLID LINE) (8" WIDTH)
7. PERMANENT WHITE PLASTIC PAVEMENT STRIPING (DOTTED LINE) (24" WIDTH)
8. PLASTIC PAVEMENT LEGENDS AND SYMBOLS (BICYCLE)
9. PLASTIC PAVEMENT LEGENDS AND SYMBOLS (ARROW - STRAIGHT)

NOTE: 1. FOR LANE WIDTHS SEE PLAN & PROFILE SHEETS AND GEOMETRIC DETAIL SHEETS.
2. CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER TO NOTIFY THE DISTRICT TRAFFIC OPERATIONS ENGINEER TO VERIFY/APRROVE STRIPING LAYOUTS 7 DAYS PRIOR TO INSTALLATION OF PAVEMENT MARKINGS, WHETHER TEMPORARY OR PERMANENT.

SHEET NUMBER 27

PARISH	CONTROL SECTION	STATE PROJECT
PLAQUEMINES	838-06, 000-38	H.008220

DESIGN RC	DETAIL RC	REVIEW	SERIES #
CHECK ML	CHECK ML		

98% FINAL PLANS
PRELIMINARY
FOR REVIEW ONLY

ENGINEER: R. CHATAGNIER
LICENSE #: 36885
DATE: 5/15/2025

NO.	DATE	REVISION OR CHANGE ORDER DESCRIPTION	BY

PERMANENT SIGNING AND STRIPING

LA 406: ROUNDABOUT AT FE HEBERT

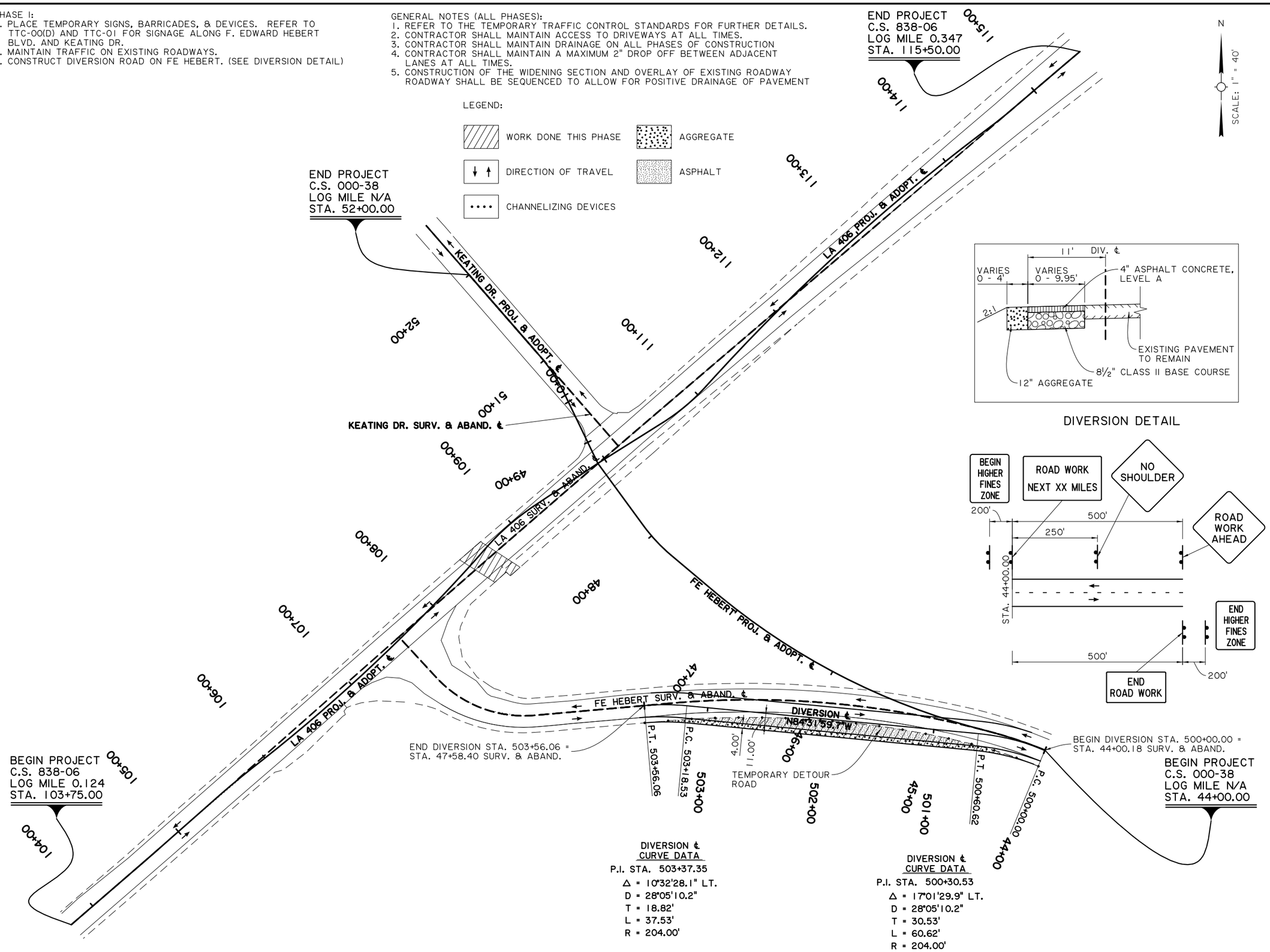
DOTD LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT
ROAD DESIGN

PHASE 1:
1. PLACE TEMPORARY SIGNS, BARRICADES, & DEVICES. REFER TO TTC-00(D) AND TTC-01 FOR SIGNAGE ALONG F. EDWARD HEBERT BLVD. AND KEATING DR.
2. MAINTAIN TRAFFIC ON EXISTING ROADWAYS.
3. CONSTRUCT DIVERSION ROAD ON FE HEBERT. (SEE DIVERSION DETAIL)

GENERAL NOTES (ALL PHASES):
1. REFER TO THE TEMPORARY TRAFFIC CONTROL STANDARDS FOR FURTHER DETAILS.
2. CONTRACTOR SHALL MAINTAIN ACCESS TO DRIVEWAYS AT ALL TIMES.
3. CONTRACTOR SHALL MAINTAIN DRAINAGE ON ALL PHASES OF CONSTRUCTION
4. CONTRACTOR SHALL MAINTAIN A MAXIMUM 2" DROP OFF BETWEEN ADJACENT LANES AT ALL TIMES.
5. CONSTRUCTION OF THE WIDENING SECTION AND OVERLAY OF EXISTING ROADWAY ROADWAY SHALL BE SEQUENCED TO ALLOW FOR POSITIVE DRAINAGE OF PAVEMENT

LEGEND:

- WORK DONE THIS PHASE
- AGGREGATE
- DIRECTION OF TRAVEL
- ASPHALT
- CHANNELIZING DEVICES



DIVERSION DETAIL

DIVERSION ℄ CURVE DATA
P.I. STA. 503+37.35
Δ = 10°32'28.1" LT.
D = 28°05'10.2"
T = 18.82'
L = 37.53'
R = 204.00'

DIVERSION ℄ CURVE DATA
P.I. STA. 500+30.53
Δ = 17°01'29.9" LT.
D = 28°05'10.2"
T = 30.53'
L = 60.62'
R = 204.00'

SHEET NUMBER 28

PARISH	CONTROL SECTION	STATE PROJECT
PLAQUEMINES	838-06, 000-38	H.008220

DESIGN RC / CHECK ML / DETAIL RC / CHECK ML / REVIEW / SERIES #

98% FINAL PLANS
PRELIMINARY
FOR REVIEW ONLY

ENGINEER: R. CHATAGNIER
LICENSE #: 36885
DATE: 5/15/2025

NO.	DATE	REVISION OR CHANGE ORDER DESCRIPTION	BY

SUGGESTED SEQUENCE OF CONSTRUCTION
PHASE 1
LA 406: ROUNDABOUT AT FE HEBERT

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT
ROAD DESIGN

98% FINAL PLANS
5/15/2025 09:49
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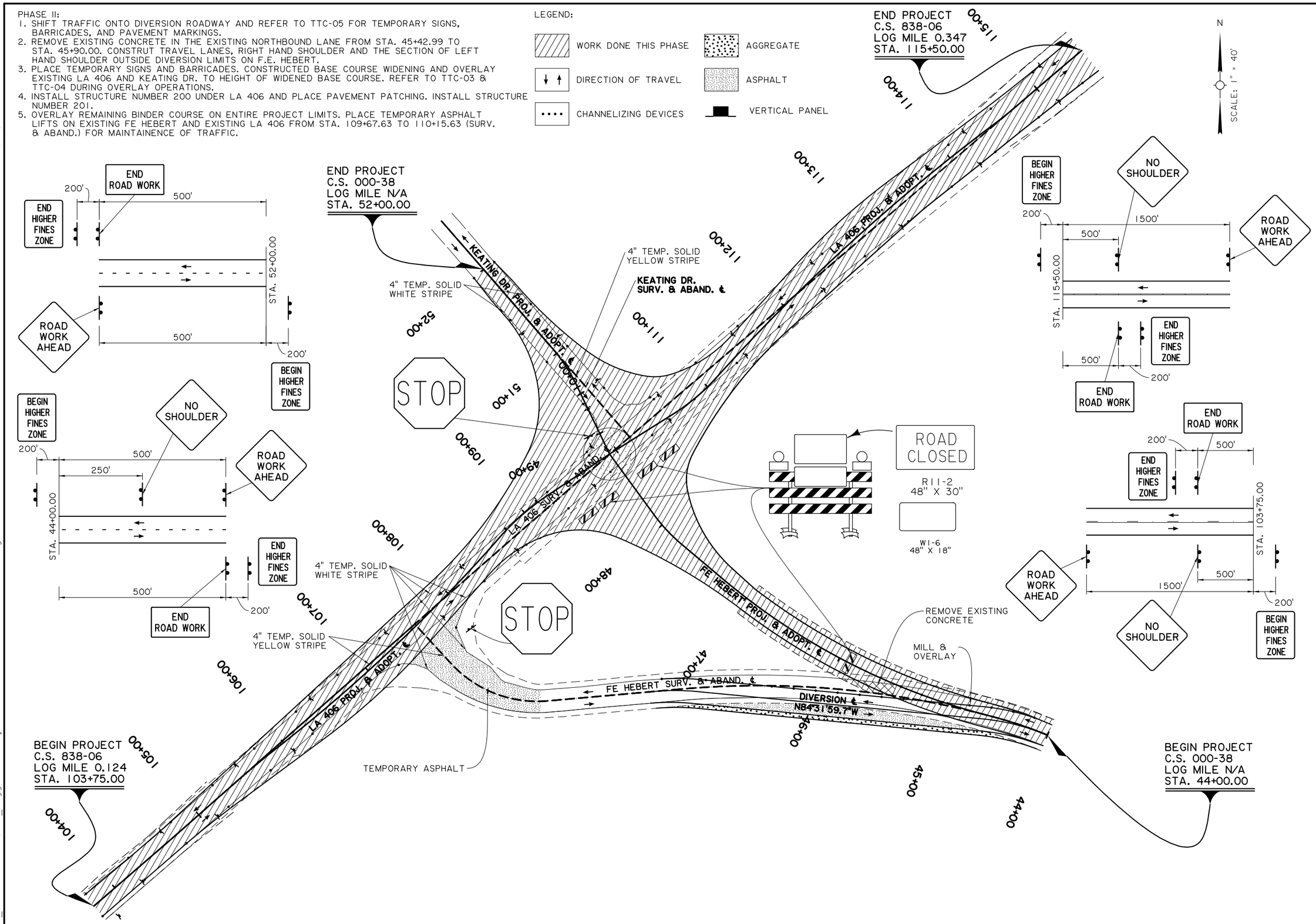
PHASE II:
1. SHIFT TRAFFIC ONTO DIVERSION ROADWAY AND REFER TO TTC-05 FOR TEMPORARY SIGNS, BARRICADES, AND PAVEMENT MARKINGS.
2. REMOVE EXISTING CONCRETE IN THE EXISTING NORTHBOUND LANE FROM STA. 45+42.99 TO STA. 45+90.00. CONSTRUT TRAVEL LANES, RIGHT HAND SHOULDER AND THE SECTION OF LEFT HAND SHOULDER OUTSIDE DIVERSION LIMITS ON F.E. HEBERT.
3. PLACE TEMPORARY SIGNS AND BARRICADES. CONSTRUCTED BASE COURSE WIDENING AND OVERLAY EXISTING LA 406 AND KEATING DR. TO HEIGHT OF WIDENED BASE COURSE. REFER TO TTC-03 & TTC-04 DURING OVERLAY OPERATIONS.
4. INSTALL STRUCTURE NUMBER 200 UNDER LA 406 AND PLACE PAVEMENT PATCHING. INSTALL STRUCTURE NUMBER 201.
5. OVERLAY REMAINING BINDER COURSE ON ENTIRE PROJECT LIMITS. PLACE TEMPORARY ASPHALT LIFTS ON EXISTING FE HEBERT AND EXISTING LA 406 FROM STA. 109+67.63 TO 110+15.63 (SURV. & ABAND.) FOR MAINTAINENCE OF TRAFFIC.

LEGEND:

- WORK DONE THIS PHASE
- DIRECTION OF TRAVEL
- CHANNELIZING DEVICES
- AGGREGATE
- ASPHALT
- VERTICAL PANEL



98% FINAL PLANS

5/15/2025 09:49

IP_PWP:d0696187\029_Suggested Sequence of Construction Phase 2.dgn

SHEET NUMBER	29
PARISH	PLAQUEMINES
CONTROL SECTION	838-06, 000-38
STATE PROJECT	H.008220

DESIGN RC CHECK ML DETAIL RC CHECK ML REVIEW SERIES 8

98% FINAL PLANS
PRELIMINARY
FOR REVIEW ONLY

ENGINEER: R. CHATAGNIER
LICENSE #: 36885
DATE: 5/15/2025

NO.	DATE	REVISION OR CHANGE ORDER DESCRIPTION	BY

STATE OF LOUISIANA

SUGGESTED SEQUENCE OF CONSTRUCTION
PHASE II

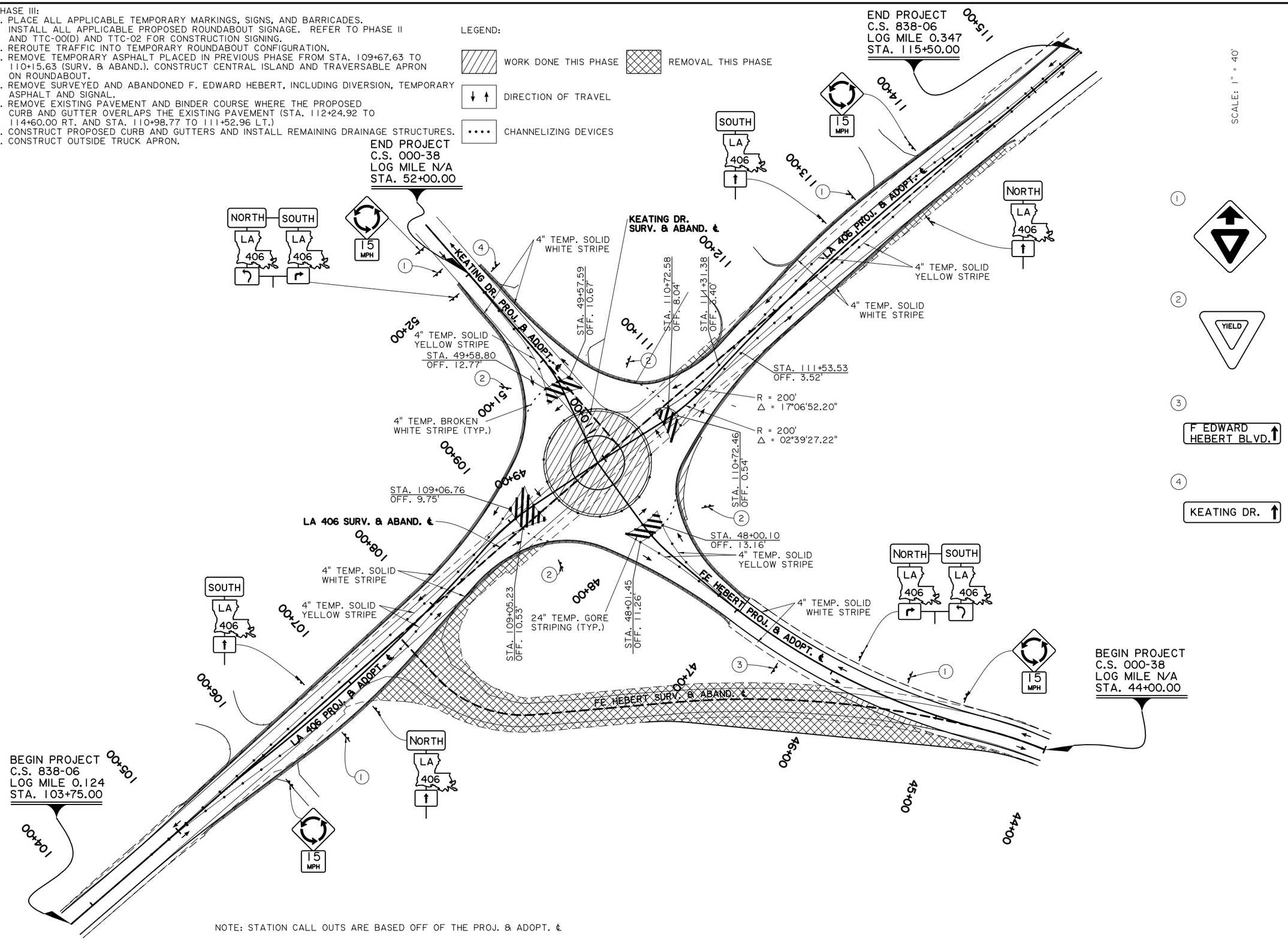
LA 406: ROUNDABOUT AT FE HEBERT

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT
ROAD DESIGN

PHASE III:
1. PLACE ALL APPLICABLE TEMPORARY MARKINGS, SIGNS, AND BARRICADES. INSTALL ALL APPLICABLE PROPOSED ROUNDABOUT SIGNAGE. REFER TO PHASE II AND TTC-00(D) AND TTC-02 FOR CONSTRUCTION SIGNING.
2. REROUTE TRAFFIC INTO TEMPORARY ROUNDABOUT CONFIGURATION.
3. REMOVE TEMPORARY ASPHALT PLACED IN PREVIOUS PHASE FROM STA. 109+67.63 TO 110+15.63 (SURV. & ABAND.). CONSTRUCT CENTRAL ISLAND AND TRAVERSABLE APRON ON ROUNDABOUT.
4. REMOVE SURVEYED AND ABANDONED F. EDWARD HEBERT, INCLUDING DIVERSION, TEMPORARY ASPHALT AND SIGNAL.
5. REMOVE EXISTING PAVEMENT AND BINDER COURSE WHERE THE PROPOSED CURB AND GUTTER OVERLAPS THE EXISTING PAVEMENT (STA. 112+24.92 TO 114+60.00 RT. AND STA. 110+98.77 TO 111+52.96 LT.)
6. CONSTRUCT PROPOSED CURB AND GUTTERS AND INSTALL REMAINING DRAINAGE STRUCTURES.
7. CONSTRUCT OUTSIDE TRUCK APRON.

LEGEND:

WORK DONE THIS PHASE
REMOVAL THIS PHASE
DIRECTION OF TRAVEL
CHANNELIZING DEVICES



NOTE: STATION CALL OUTS ARE BASED OFF OF THE PROJ. & ADOPT. ℄

98% FINAL PLANS

5/15/2025 09:49

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SHEET NUMBER	30
PARISH	PLAQUEMINES
CONTROL SECTION	838-06, 000-38
STATE PROJECT	H.008220

DESIGN RC CHECK ML
DETAIL RC CHECK ML
REVIEW
SERIES 9

98% FINAL PLANS
PRELIMINARY
FOR REVIEW ONLY

ENGINEER:
R. CHATAGNIER

LICENSE #:
36885

DATE:
5/15/2025

NO.	DATE	REVISION OR CHANGE ORDER DESCRIPTION	BY

SUGGESTED SEQUENCE OF CONSTRUCTION
PHASE III

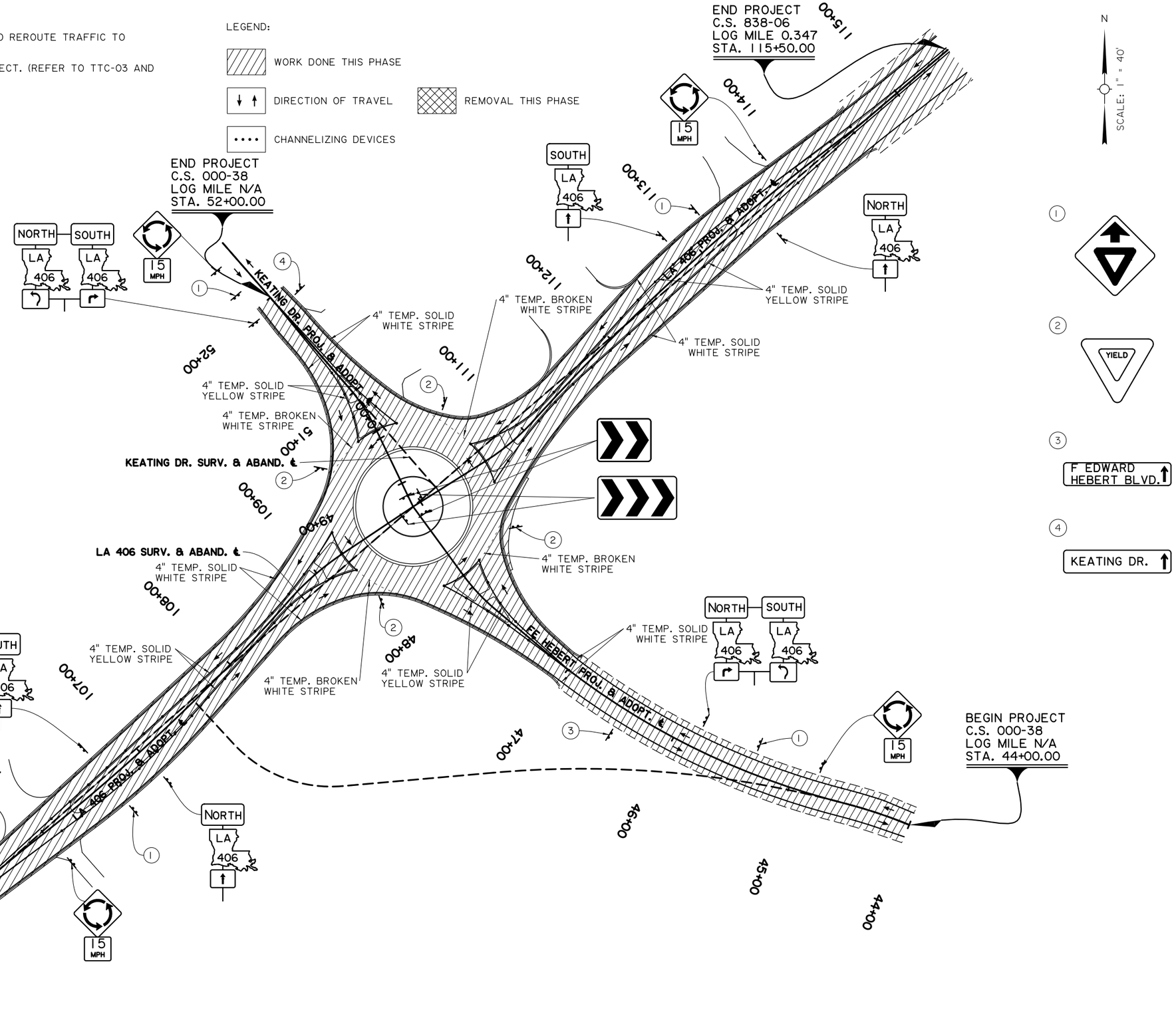
LA 406: ROUNDABOUT AT FE HEBERT

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT
ROAD DESIGN

PHASE IV:
1. INSTALL REMAINING PROPOSED SIGNAGE AND REROUTE TRAFFIC TO PROPOSED ROUNDABOUT CONFIGURATION.
2. CONSTRUCT SPLITTER ISLANDS.
3. INSTALL WEARING COURSE ON ENTIRE PROJECT. (REFER TO TTC-03 AND TTC-04 DURING OVERLAY OPERATIONS).
4. INSTALL PROPOSED PAVEMENT MARKINGS.

LEGEND:

- WORK DONE THIS PHASE
- DIRECTION OF TRAVEL
- REMOVAL THIS PHASE
- CHANNELIZING DEVICES



SHEET NUMBER 31

PARISH	CONTROL SECTION	STATE PROJECT
PLAQUEMINES	838-06, 000-38	H.008220

DESIGN RC	CHECK ML	DETAIL RC	CHECK ML
REVIEW	SERIES #		

98% FINAL PLANS
PRELIMINARY
FOR REVIEW ONLY

ENGINEER: R. CHATAGNIER
LICENSE #: 36885
DATE: 5/15/2025

NO.	DATE	REVISION OR CHANGE ORDER DESCRIPTION	BY

SUGGESTED SEQUENCE OF CONSTRUCTION
PHASE IV

LA 406: ROUNDABOUT AT FE HEBERT

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT
ROAD DESIGN

98% FINAL PLANS
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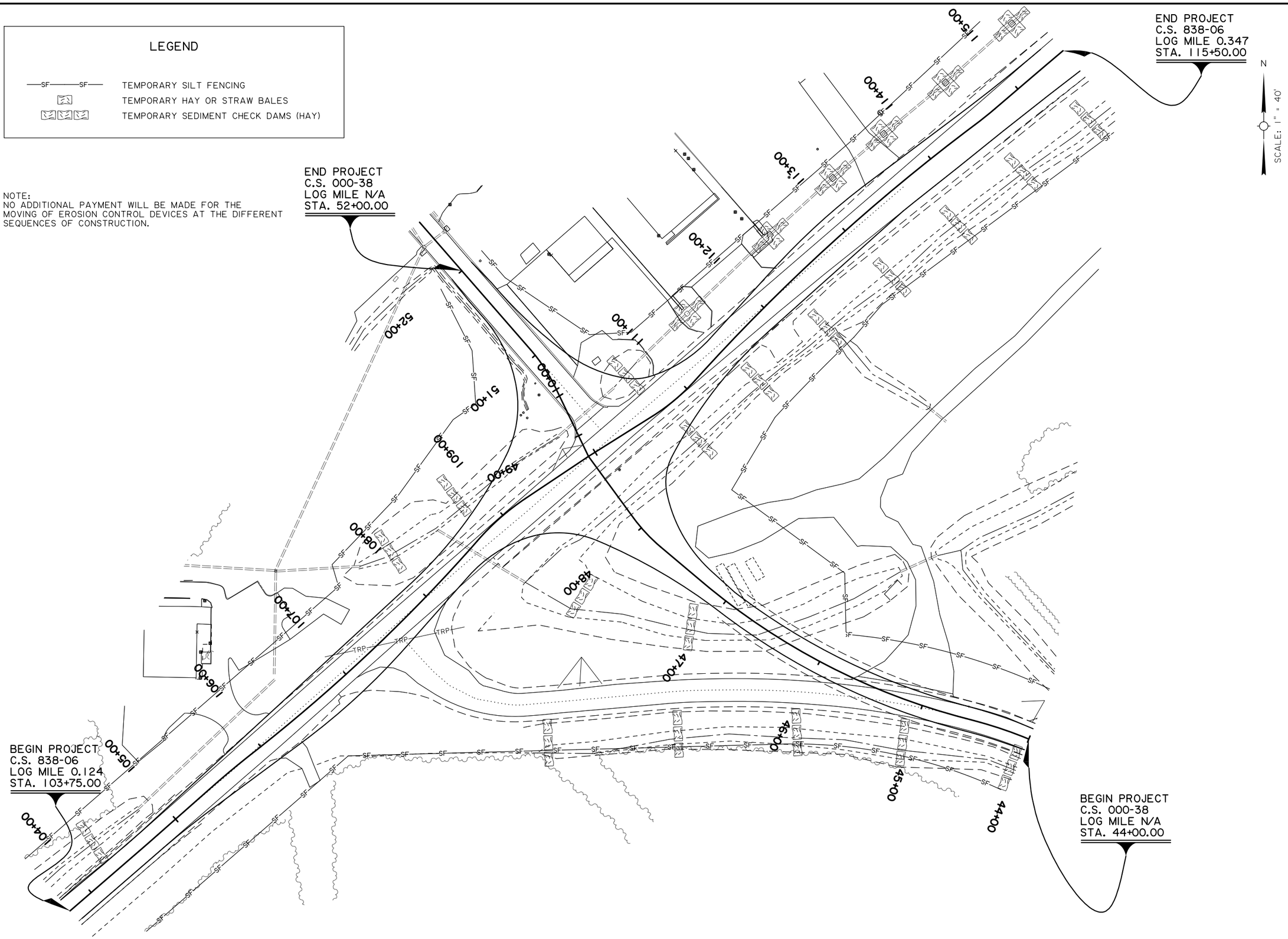
5/15/2025 09:58

LEGEND

—SF———SF—	TEMPORARY SILT FENCING
	TEMPORARY HAY OR STRAW BALES
	TEMPORARY SEDIMENT CHECK DAMS (HAY)

NOTE:
NO ADDITIONAL PAYMENT WILL BE MADE FOR THE MOVING OF EROSION CONTROL DEVICES AT THE DIFFERENT SEQUENCES OF CONSTRUCTION.



SHEET NUMBER	32
PARISH	PLAQUEMINES
CONTROL SECTION	838-06, 000-38
STATE PROJECT	H.008220
DESIGN	RC
CHECK	ML
DETAIL	RC
CHECK	ML
REVIEW	
SERIES #	

98% FINAL PLANS

PRELIMINARY
FOR REVIEW ONLY

ENGINEER:
R. CHATAGNIER

LICENSE #:
36885

DATE:
5/15/2025

NO.	DATE	REVISION OR CHANGE ORDER DESCRIPTION	BY

STATE OF LOUISIANA

TEMPORARY EROSION CONTROL

LA 406: ROUNDABOUT AT FE HEBERT

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

ROAD DESIGN

98% FINAL PLANS

5/15/2025 09:58

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EXISTING ROADWAY INFORMATION

STATE PROJECT #:	H.008220	**ROUTE #:**	LA 406
TOTAL LENGTH (Miles):	0.277	**PARISH:**	Plaquemines
FROM:	STA 105+70	**TO:**	STA 113+25
BEGINNING LOG MILE:	0.162	**END LOG MILE:**	0.304

Log Mile	Control Section	GPS (Info Only)	Roadway Width	TRAVEL LANE						TRAVEL LANE BASE		SHOULDER					SHOULDER BASE	
				Ref to Edge of Pavement	Type	Thickness	Direction	Lane Width	Cross Slope	Type	Thickness	Ref to Edge of Pavement	Type	Thickness	Shoulder Width	Cross Slope	Type	Thickness
0.293	836-06	29.89990172 -89.98455171	40'	12'	HM	9.00"	WB	12'	N/A	SS	12"				6'	N/A		
0.226	836-06	29.89928015 -89.98539945	32'	9'	HM	10.25"	WB	12'	N/A	SS	12"				4'	N/A		
0.123	000+38 *	29.89877370 -89.98413651	30'	9'	PCC	8.75"	NB	11'	N/A						N/A	N/A		
0.022	000+38 **	29.89968745 -89.98539733	23'	5'	PCC	8.00"	SB	11'	N/A						N/A	N/A		

REMARKS :

HM = ASPHALTIC CONCRETE PAVEMENT

PCC = PORTLAND CEMENT CONCRETE

SS = SAND SHELL

comment: ***Informational Purposes Only***

* Keating Dr.

** F Edward Hebert Blvd

DATE: Tuesday, April 25, 2023

District Laboratory Engineer

STATE OF LOUISIANA
FRANCIS SIMON
License No. 32821
PROFESSIONAL ENGINEER
6/28/2023
Published 6/28/2023
E-Signed by FRANCIS SIMON
Verify Using Approve It

SHEET NUMBER 33

PARISH: PLAQUEMINES
CONTROL SECTION: 836-06
STATE PROJECT: H.008220

DESIGNED: JMB
CHECKED: FGS
DETAILED: JMB
CHECKED: FGS
SERIES NUMBER

NO. | DATE | REVISION OR CHANGE ORDER DESCRIPTION | BY

EXISTING ROADWAY INFORMATION

LA 406: ROUNDABOUT AT FE HEBERT

DOTD DIST 02

6/28/2023 15:00

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6/28/2023 14:56

H.008220
LA 406: ROUNDABOUT AT FE HEBERT
Plaquemines Parish
ROUTE: LA 406 (C.S. 838-06)

District 02 Lab (Shallow Bore Results)

Samples taken on 25-Apr-23 — GPS 29.89990172, -89.98455171

BORING #1 — LA 406 — LM = 0.293 — Ref. CL 6'

Depth	Ident	Soil Group	Classification	LL	PI	Org	Silt	Ph	Resistivity
0.0' - 2.0'	293A	A-7-6(20)	Lt. Silty Clay	42	22	4%	45%		
2.0' - 4.0'	293B	A-7-6(33)	Lt. Silty Clay	52	30	4%	48%		
4.0' - 6.0'	293C	A-7-6(28)	Silty Clay	46	27	3%	50%		

GPS 29.89928015, -89.98539945

BORING #2 — LA 406 — LM = 0.226 — Ref. CL 7'

Depth	Ident	Soil Group	Classification	LL	PI	Org	Silt	Ph	Resistivity
0.0' - 2.0'	226A	A-6(21)	Silty Clay	39	24	3%	51%		
2.0' - 4.0'	226B	A-6(18)	Lt. Silty Clay	37	22	3%	45%		
4.0' - 6.0'	226C	A-7-6(31)	Lt. Silty Clay	47	31	3%	49%		

H.008220
LA 406: ROUNDABOUT AT FE HEBERT
Plaquemines Parish
ROUTE: LA 406 (C.S. 838-06)

District 02 Lab (Shallow Bore Results)

Samples taken on 25-Apr-23 — GPS 29.89877370, -89.98413651

BORING #3 — Keating — LM = 0.123 — Ref. CL 6'

Depth	Ident	Soil Group	Classification	LL	PI	Org	Silt	Ph	Resistivity
0.0' - 2.0'	123A	A-2-4(0)	Sandy Loam	0	0	2%	7%		
2.0' - 4.0'	123B	A-6(11)	Med. Sandy Clay	39	21	11%	6%		
4.0' - 6.0'	123C	A-6(8)	Med. Sandy Clay	32	18	6%	1%		

GPS 29.89968745, -89.98539733

BORING #4 — FE Hebert — LM = 0.022 — Ref. CL 6'

Depth	Ident	Soil Group	Classification	LL	PI	Org	Silt	Ph	Resistivity
0.0' - 2.0'	022A	A-7-6(61)	Heavy Clay	84	56	14%	14%		
2.0' - 4.0'	022B	A-7-5(51)	Heavy Clay	84	52	9%	12%		
4.0' - 6.0'	022C	A-7-6(30)	Med. Sandy Clay	67	43	10%	14%		

STATE OF LOUISIANA
FRANCIS SIMON
License No. 36821
PROFESSIONAL ENGINEER
IN WORK ORDER
6/28/2023
Published 6/28/2023
E-Signed by FRANCIS SIMON
Verify Using Approve It

SHEET NUMBER 34
PARISH: PLAQUEMINES
CONTROL SECTION: 836-06
STATE PROJECT: H.008220
DESIGNED JMB / CHECKED FGS
DETAILED JMB / CHECKED FGS
SERIES NUMBER
NO. DATE BY REVISION OR CHANGE ORDER DESCRIPTION

EXISTING ROADWAY INFORMATION
LA 406: ROUNDABOUT AT FE HEBERT
DOTD DDIST 02

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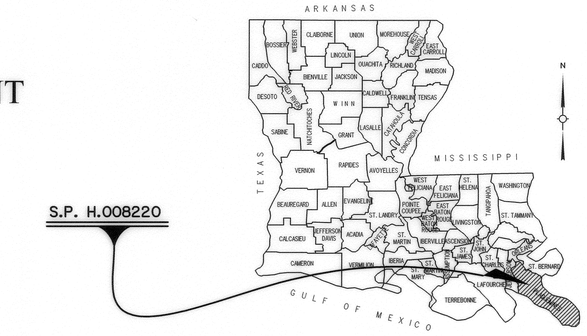
STATE OF LOUISIANA
DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT
RIGHT OF WAY PROPERTY MAP OF PROPOSED
STATE HIGHWAY

STATE PROJECT NO. H.008220

LA 406: ROUNDABOUT AT FE HEBERT

PLAQUEMINES PARISH



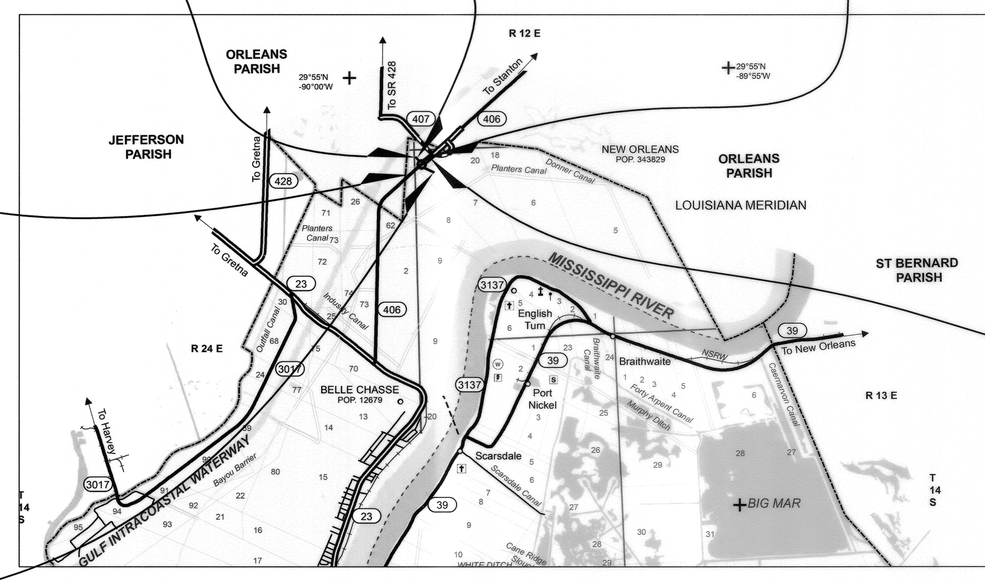
VICINITY MAP

END PROJECT
C.S. 000-38
LOG MILE N/A
STA. 52+00.00

EQUATION = -117.90'
STA. 49+88.26 L.B. =
STA. 51+06.16 L.A.

END PROJECT
C.S. 838-06
LOG MILE 0.347
STA. 115+50.00

BEGIN PROJECT
C.S. 838-06
LOG MILE 0.124
STA. 103+75.00



EQUATION = +2.97'
STA. 114+72.97 L.B. =
STA. 114+70.00 L.A.

BEGIN PROJECT
C.S. 000-38
LOG MILE N/A
STA. 44+00.00

LOCATION OF WORK

CONTROL SECTION	LOG MILE	
	BEGIN	END
000-38	N/A	N/A
838-06	0.124	0.347

LAYOUT MAP

SCALE: 1 INCH = 1 MILE

1 0 1 2 3

STATE OF LOUISIANA
MAX O. USREY, III
License No. 4731
PROFESSIONAL
SURVEYOR
10/17/2023

SHEET NUMBER 35

PARISH: PLAQUEMINES
CONTROL SECTION: 000-38, 838-06
STATE PROJECT: H.008220

COMPUTED: MLR
CHECKED: JNH
DETAILED: JNH
CHECKED: MOU
DATE: 10/17/2023
SCALE: 1" = 1 MILE

RIGHT OF WAY MAP
STATE PROJECT NO. H.008220
LA 406: ROUNDABOUT AT FE HEBERT
PLAQUEMINES PARISH

DOTD

EVANS-GRAVES ENGINEERS

DATE	REVISION DESCRIPTION	BY

FILE NO. 04-12-1-045 | R/W SHEET NO. TITLE

Final Right-of-Way Map

10/17/2023 14:31

F:\00_PROJECTS\21-020\Task Orders\TO 5 H.008220_FE HEBERT\DGN\H.008220_RW_00.dgn

NOTES:

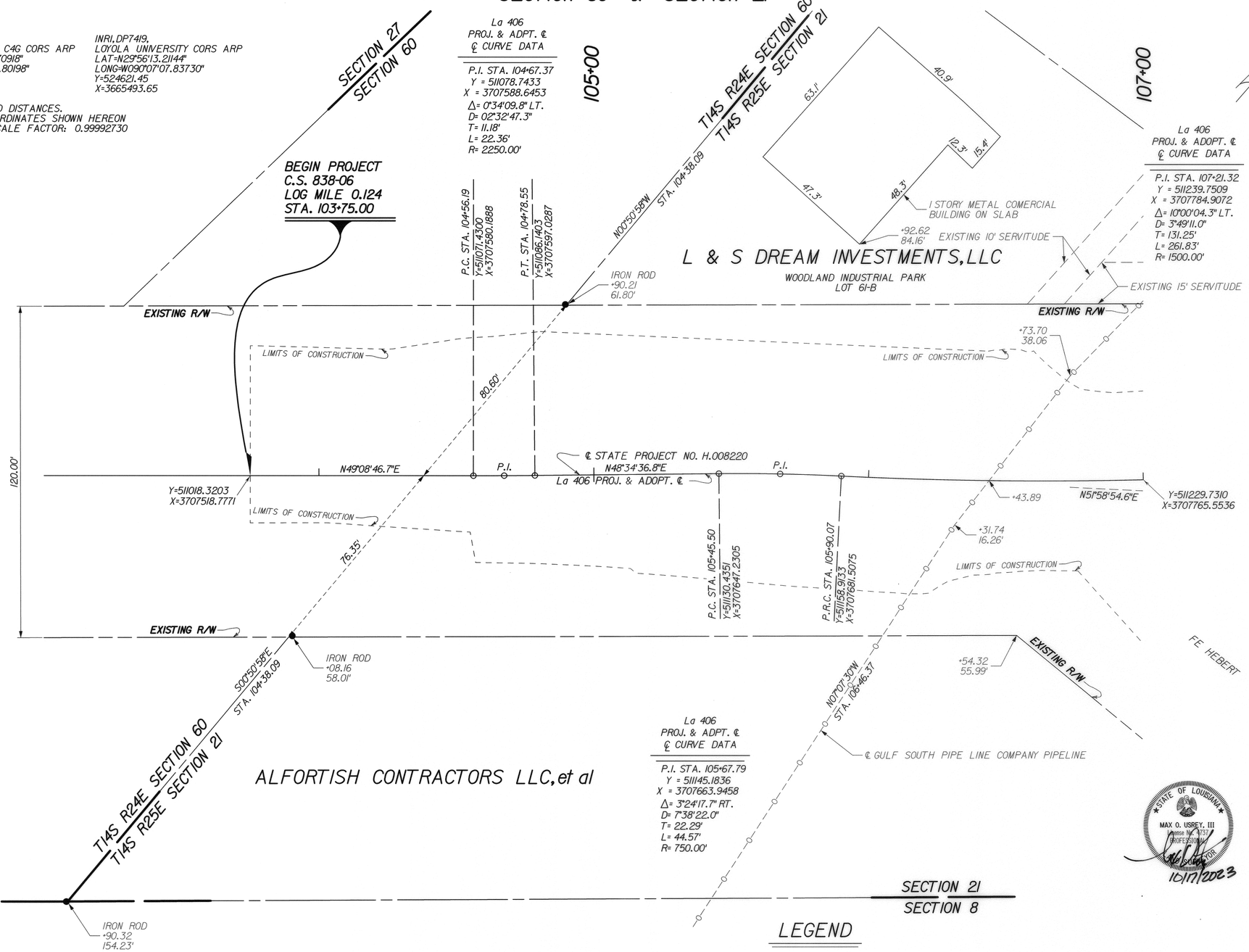
1. ALL PIPES AND MONUMENTS SHOWN HEREON WERE FOUND.
2. THE COORDINATES AND BEARINGS SHOWN HEREON ARE BASED ON LOUISIANA STATE PLANE COORDINATE SYSTEM, SOUTH ZONE (NAD 83 (2011) EPOCH 2010.00) TO CONVERT FROM GRID BEARINGS TO TRUE BEARINGS USE: 00°40'26.5"

   BASE STATIONS:

SBCH, DP7421,	MARY, D08512,	INRI, DP7419,
SHELL BEACH CORS ARP	MARY_289 LSU C4G CORS ARP	LOYOLA UNIVERSITY CORS ARP
LAT=N29°52'05.20554"	LAT=N30°01'22.70918"	LAT=N29°56'13.21144"
LONG=W089°40'23.6384"	LONG=W89°54'46.80198"	LONG=W090°07'07.83730"
Y=501341.86	Y=556633.05	Y=524621.45
X=3806984.519	X=3730298.89	X=3665493.65

3. DISTANCES SHOWN ARE HORIZONTAL GROUND DISTANCES. TO CONVERT DISTANCES DERIVED FROM COORDINATES SHOWN HEREON TO HORIZONTAL GROUND DISTANCES, USE SCALE FACTOR: 0.99992730

SOUTHEASTERN LAND DISTRICT WEST OF THE MISSISSIPPI RIVER
T14S - R24E T14S - R25E
SECTION 60 & SECTION 21



STATE OF LOUISIANA
MAX O. USREY, III
License No. 4737
PROFESSIONAL ENGINEER
10/17/2023

LEGEND

EXISTING R/W / REQUIRED R/W	RIGHT OF WAY LINE
EXISTING C. of A. / REQUIRED C. of A.	CONTROL OF ACCESS
EXIST R/W & EXIST C. of A. / REQ'D R/W & REQ'D C. of A.	RIGHT OF WAY & CONTROL OF ACCESS
	LIMITS OF CONSTRUCTION
	LOT LINE
	APPARENT PROPERTY LINE
	EXISTING SERVITUDE LINE
	SECTION LINE

PARCEL	OWNER	ACQUISITION	AREA

FILE NO. 04-12-1-045 | R/W SHEET NO. 1

SHEET NUMBER 36

PARISH	PLAQUEMINES
CONTROL SECTION	000-38 & 838-06
STATE PROJECT	H.008220
COMPUTED MLR / CHECKED MOU	
DETAILED JNH / CHECKED MOU	
DATE 10/17/2023 / SCALE 1" = 20'	

RIGHT OF WAY MAP
STATE PROJECT NO. H.008220
LA 406: ROUNDABOUT AT FE HEBERT
PLAQUEMINES PARISH

EVANS-GRAVES ENGINEERS

DATE	REVISION DESCRIPTION	BY

Final Right-of-Way Map

F:\00_PROJECTS\21-020\Task Orders\TO 5 H.008220_FE HEBERT\DGN\H.008220_RW_01.dgn

10/17/2023 14:03

NOTES:

1. ALL PIPES AND MONUMENTS SHOWN HEREON WERE FOUND.
2. THE COORDINATES AND BEARINGS SHOWN HEREON ARE BASED ON LOUISIANA STATE PLANE COORDINATE SYSTEM, SOUTH ZONE (NAD 83 (2011) EPOCH 2010.00) TO CONVERT FROM GRID BEARINGS TO TRUE BEARINGS USE: 00°43'39.7"

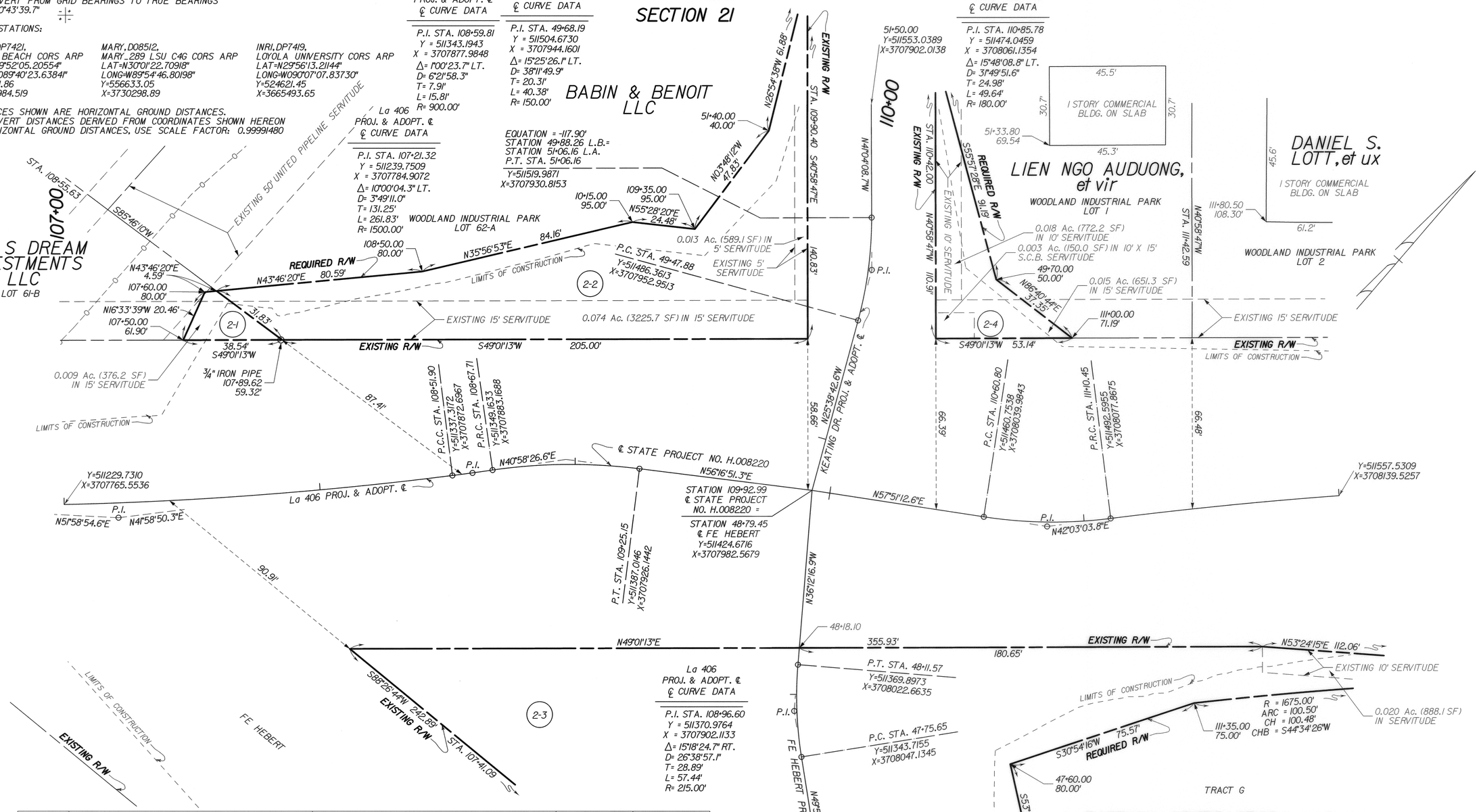
   BASE STATIONS:

   SBCH, DP742I, SHELL BEACH CORS ARP, LAT=N29°52'05.20554", LONG=W089°40'23.63841", Y=501341.86, X=3806984.519

   MARY, D085I2, MARY_289 LSU C4G CORS ARP, LAT=N30°01'22.70918", LONG=W89°54'46.80198", Y=556633.05, X=3730298.89

   INRI, DP74I9, LOYOLA UNIVERSITY CORS ARP, LAT=N29°56'13.21144", LONG=W090°07'07.83730", Y=524621.45, X=3665493.65
3. DISTANCES SHOWN ARE HORIZONTAL GROUND DISTANCES. TO CONVERT DISTANCES DERIVED FROM COORDINATES SHOWN HEREON TO HORIZONTAL GROUND DISTANCES, USE SCALE FACTOR: 0.99991480

SOUTHEASTERN LAND DISTRICT WEST OF THE MISSISSIPPI RIVER
T14S - R25E
SECTION 21



PARCEL	OWNER	ACQUISITION		AREA	
2-4	LIEN NGO AUDUONG, et vir	COB 954 PAGE 651	AUGUST 10, 1999	0.044 Ac.	1913.3 SF
2-3	ALFORTISH CONTRACTORS LLC, et al	COB 422 PAGE 433	AUGUST 22, 1975	0.732 Ac.	31903.6 SF
		COB 492 PAGE 331	SEPTEMBER 11, 1979		
		COB 493 PAGE 193	OCTOBER 9, 1979		
		COB 560 PAGE 754	MARCH 24, 1983		
		COB 652 PAGE 816	OCTOBER 22, 1986		
		COB 823 PAGE 633	JANUARY 7, 1994		
		COB 939 PAGE 844	DECEMBER 4, 1998		
		COB 1108 PAGE 740	FEBRUARY 17, 2006		
		COB 1286 PAGE 824	DECEMBER 28, 2012		
		COB 1302 PAGE 48	SEPTEMBER 13, 2013		
		COB 1369 PAGE 801	DECEMBER 9, 2016		
		COB 1408 PAGE 370	FEBRUARY 20, 2019		
2-2	BABIN & BENOIT LLC	COB 1357 PAGE 294	APRIL 14, 2016	0.208 Ac.	9051.7 SF
2-1	L & S DREAM INVESTMENTS, LLC	COB 1393 PAGE 745	MARCH 29, 2018	0.009 Ac.	407.8 SF

STATE OF LOUISIANA
MAX O. USREY, III
License No. 4735
PROFESSIONAL ENGINEER
10/17/2023

SHEET NUMBER	37
PARISH	PLAQUEMINES
CONTROL SECTION	000-38 & 838-06
STATE PROJECT	H.008220
COMPUTED	MLR
CHECKED	MOU
DETAILED	JNH
CHECKED	MOU
DATE	10/17/2023
SCALE	1" = 20'

RIGHT OF WAY MAP
STATE PROJECT NO. H.008220
LA 406: ROUNDABOUT AT FE HEBERT
PLAQUEMINES PARISH

EVANS-GRAVES ENGINEERS

DATE	REVISION DESCRIPTION	BY

FILE NO. 04-12-1-045 | R/W SHEET NO. 2

Final Right-of-Way Map
E:\00_PROJECTS\21-020\Task Orders\TO 5 H.008220_FE HEBERT\DGN\H.008220_RW_02.dgn
10/17/2023 14:02

NOTES:
1. ALL PIPES AND MONUMENTS SHOWN HEREON WERE FOUND.
2. THE COORDINATES AND BEARINGS SHOWN HEREON ARE BASED ON LOUISIANA STATE PLANE COORDINATE SYSTEM, SOUTH ZONE (NAD 83 (2011) EPOCH 2010.00) TO CONVERT FROM GRID BEARINGS TO TRUE BEARINGS USE: 00°43'41.9"

BASE STATIONS:

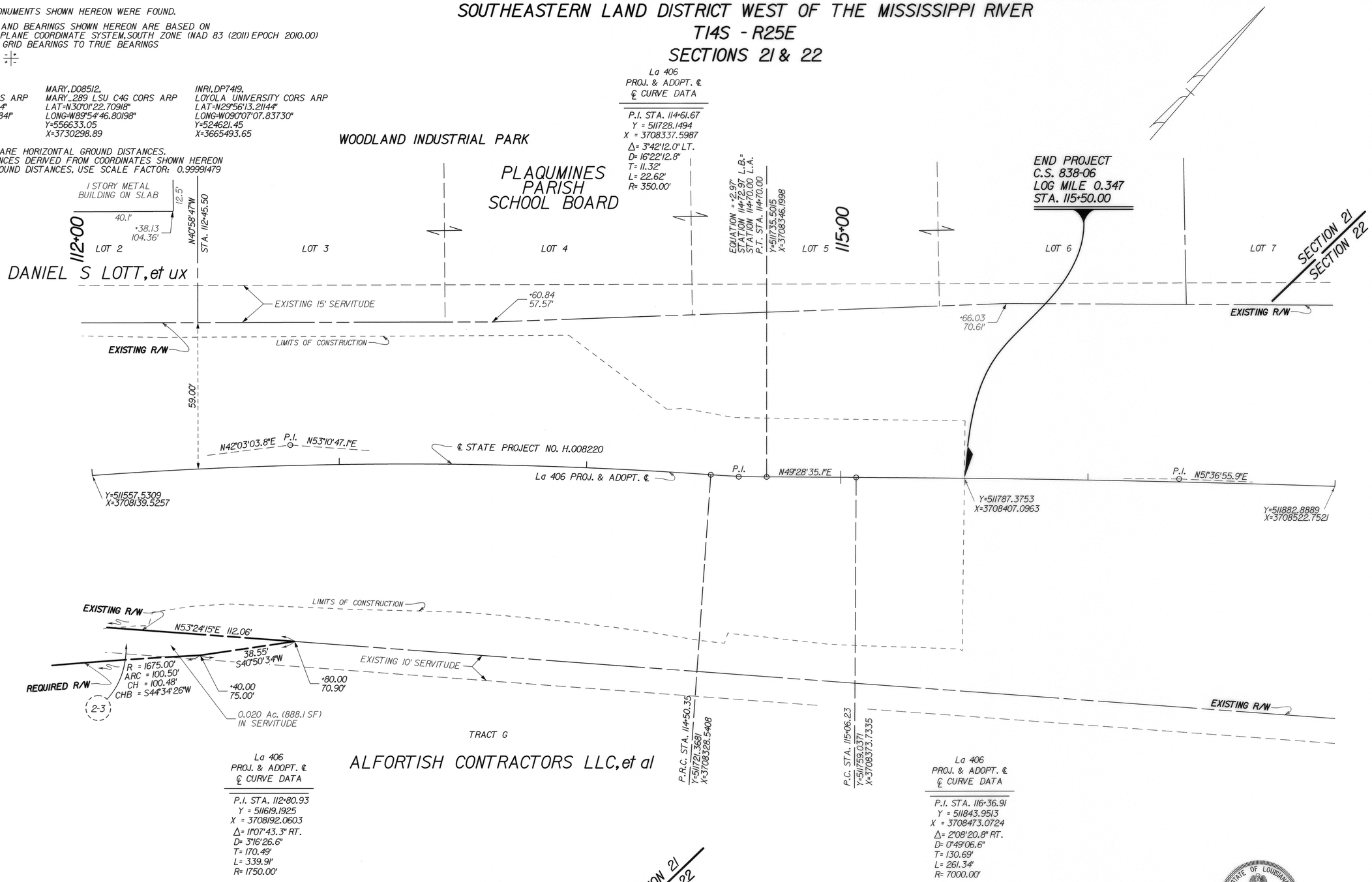
SBCH, DP7421, SHELL BEACH CORS ARP
LAT=N29°52'05.20554"
LONG=W089°40'23.63841"
Y=501341.86
X=3806984.519

MARY, D08512, MARY_289 LSU C4G CORS ARP
LAT=N30°01'22.70918"
LONG=W89°54'46.80198"
Y=556633.05
X=3730298.89

INRI, DP7419, LOYOLA UNIVERSITY CORS ARP
LAT=N29°56'13.21144"
LONG=W090°07'07.83730"
Y=524621.45
X=3665493.65

3. DISTANCES SHOWN ARE HORIZONTAL GROUND DISTANCES. TO CONVERT DISTANCES DERIVED FROM COORDINATES SHOWN HEREON TO HORIZONTAL GROUND DISTANCES, USE SCALE FACTOR: 0.99991479

SOUTHEASTERN LAND DISTRICT WEST OF THE MISSISSIPPI RIVER
T14S - R25E
SECTIONS 21 & 22



LEGEND

EXISTING R/W / REQUIRED R/W	RIGHT OF WAY LINE
EXISTING C. of A. / REQUIRED C. of A.	CONTROL OF ACCESS
EXIST R/W & EXIST C. of A. / REQ'D R/W & REQ'D C. of A.	RIGHT OF WAY & CONTROL OF ACCESS
	LIMITS OF CONSTRUCTION
	LOT LINE
	APPARENT PROPERTY LINE
	EXISTING SERVITUDE LINE
	SECTION LINE

STATE OF LOUISIANA
MAX O. USREY, III
License No. 4737
PROFESSIONAL LAND SURVEYOR
10/17/2023

PARCEL	OWNER	ACQUISITION	AREA

FILE NO. 04-12-1-045 | R/W SHEET NO. 3

SHEET NUMBER 38

PARISH	CONTROL SECTION	STATE PROJECT
PLAQUEMINES	000-38 & 838-06	H.008220

COMPUTED	MLR	DATE	10/17/2023
CHECKED	MOU	SCALE	1" = 20'
DETAILED	JNH		
CHECKED	MOU		

RIGHT OF WAY MAP
STATE PROJECT NO. H.008220
LA 406: ROUNDABOUT AT F.E. HEBERT
PLAQUEMINES PARISH

EVANS-GRAVES ENGINEERS

DATE	REVISION DESCRIPTION	BY

Final Right-of-Way Map
F:\00_PROJECTS\21-020\Task Orders\TO 5 H.008220_FE HEBERT\DGN\H.008220_RW_03.dgn
10/17/2023 14:01

SOUTHEASTERN LAND DISTRICT WEST OF THE MISSISSIPPI RIVER
T14S - R25E
SECTIONS 7 & 21

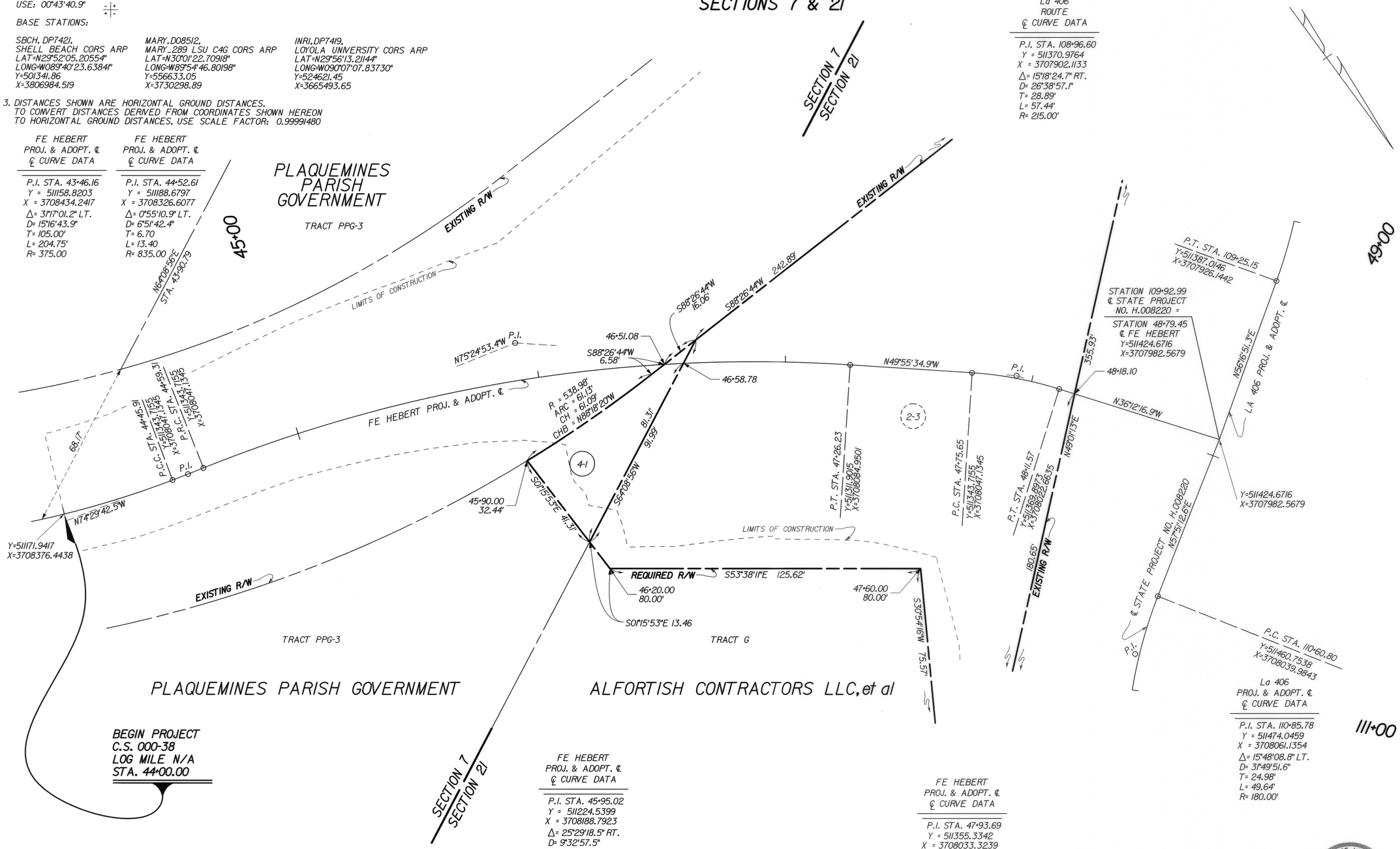
NOTES:

1. ALL PIPES AND MONUMENTS SHOWN HEREON WERE FOUND.
2. THE COORDINATES AND BEARINGS SHOWN HEREON ARE BASED ON LOUISIANA STATE PLANE COORDINATE SYSTEM, SOUTH ZONE (NAD 83 (2011) EPOCH 2010.00) TO CONVERT FROM GRID BEARINGS TO TRUE BEARINGS USE: 00°43'40.9"

BASE STATIONS:

SBCH, DP7421,	MARY, D08512,	INRI, DP7419,
SHELL BEACH CORS ARP	MARY_289 LSU C4G CORS ARP	LOYOLA UNIVERSITY CORS ARP
LAT=N29°52'05.20554"	LAT=N30°01'22.70918"	LAT=N29°56'13.21144"
LONG=W089°40'23.63841"	LONG=W89°54'46.80198"	LONG=W090°07'07.83730"
Y=501341.86	Y=556633.05	Y=524621.45
X=3806984.519	X=3730298.89	X=3665493.65

3. DISTANCES SHOWN ARE HORIZONTAL GROUND DISTANCES. TO CONVERT DISTANCES DERIVED FROM COORDINATES SHOWN HEREON TO HORIZONTAL GROUND DISTANCES, USE SCALE FACTOR: 0.9999148 0



PARCEL	OWNER	ACQUISITION			AREA	
4-1	PLAQUEMINES PARISH GOVERNMENT	COB 1222	FOLIO 177	MARCH 31, 2010	0.038 Ac.	1653.4 SF

STATE OF LOUISIANA
MAX O. USREY, III
License No. 4731
PROFESSIONAL LAND SURVEYOR
10/17/2023

SHEET NUMBER 39

PARISH: PLAQUEMINES
CONTROL SECTION: 000-38 & 838-06
STATE PROJECT: H.008220

COMPUTED: MLR
CHECKED: MOU
DETAILED: JNH
CHECKED: MOU
DATE: 10/17/2023
SCALE: 1" = 20'

RIGHT OF WAY MAP
STATE PROJECT NO. H.008220
LA 406: ROUNDABOUT AT FE HEBERT
PLAQUEMINES PARISH

EVANS-GRAVES ENGINEERS

REVISION DESCRIPTION | BY | DATE

FILE NO. 04-12-1-045 | R/W SHEET NO. 4

Final Right-of-Way Map
F:\00_PROJECTS\21-020\Task Orders\TO 5 H.008220_FE HEBERT\DGN\H.008220_RW_04.dgn
10/17/2023 14:00

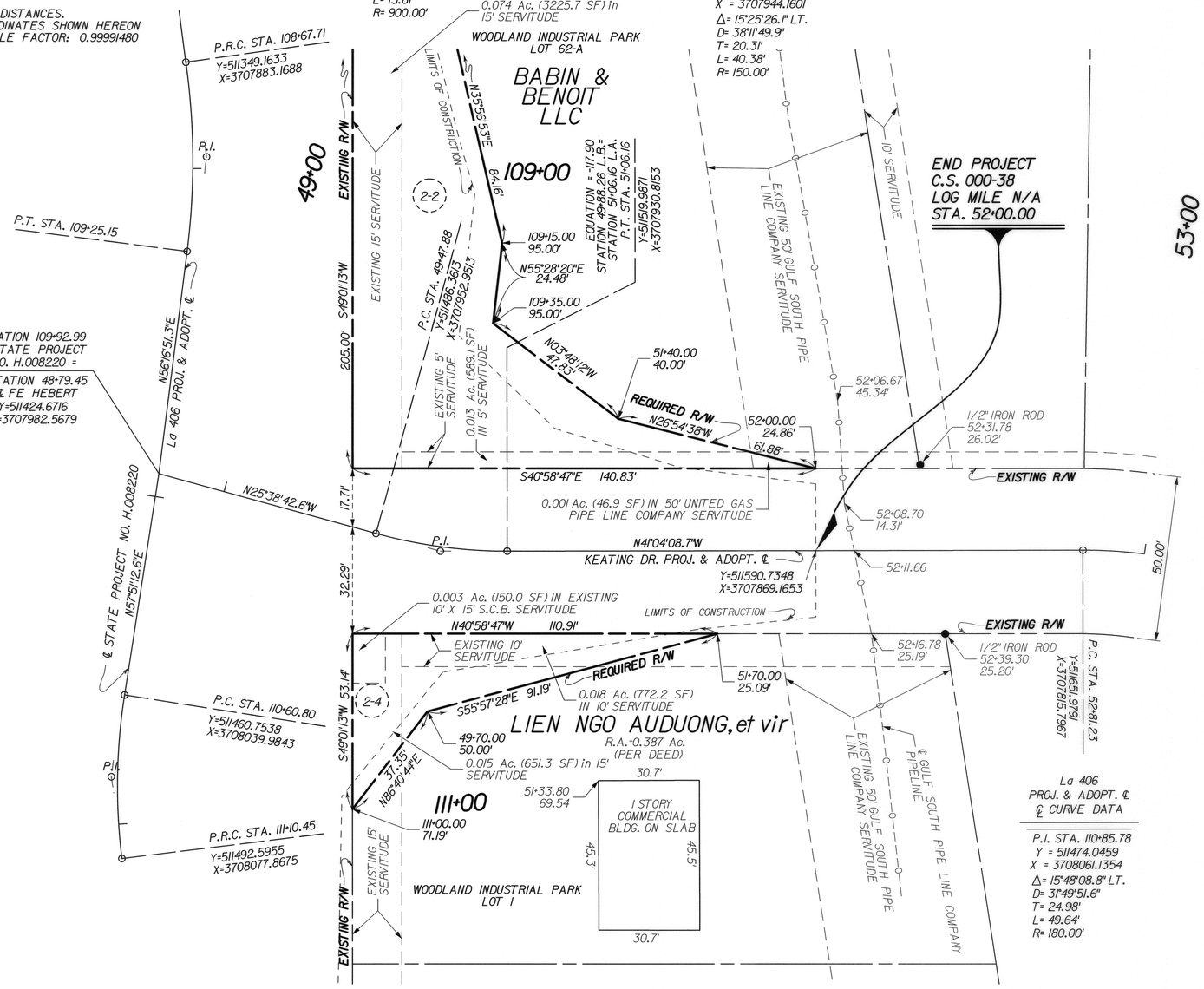
SOUTHEASTERN LAND DISTRICT WEST OF THE MISSISSIPPI RIVER
T14S - R25E
SECTION 21

NOTES:
1. ALL PIPES AND MONUMENTS SHOWN HEREON WERE FOUND.
2. THE COORDINATES AND BEARINGS SHOWN HEREON ARE BASED ON LOUISIANA STATE PLANE COORDINATE SYSTEM, SOUTH ZONE (NAD 83 (2011) EPOCH 2010.00) TO CONVERT FROM GRID BEARINGS TO TRUE BEARINGS USE: 00°43'39.2"

BASE STATIONS:

SBCH, DP7421, SHELL BEACH CORS ARP	MARY, D08512, MARY_289 LSU C4G CORS ARP	INRI, DP7419, LOYOLA UNIVERSITY CORS ARP
LAT=N29°52'05.20554"	LAT=N30°01'22.70918"	LAT=N29°56'13.21144"
LONG=W089°40'23.63841"	LONG=W89°54'46.80198"	LONG=W090°07'07.83730"
Y=501341.86	Y=556633.05	Y=524621.45
X=3806984.519	X=3730298.89	X=3665493.65

3. DISTANCES SHOWN ARE HORIZONTAL GROUND DISTANCES. TO CONVERT DISTANCES DERIVED FROM COORDINATES SHOWN HEREON TO HORIZONTAL GROUND DISTANCES, USE SCALE FACTOR: 0.99991480



LEGEND

EXISTING R/W	REQUIRED R/W — RIGHT OF WAY LINE
EXISTING C. of A.	REQUIRED C. of A. — CONTROL OF ACCESS
EXIST R/W & EXIST C. of A.	REQ'D R/W & REQ'D C. of A. — RIGHT OF WAY & CONTROL OF ACCESS
	LIMITS OF CONSTRUCTION
	LOT LINE
	APPARENT PROPERTY LINE
	EXISTING SERVITUDE LINE
	SECTION LINE

STATE OF LOUISIANA
MAX O. USREY III
License No. 4783
PROFESSIONAL
LAND SURVEYOR
10/17/2023

PARCEL	OWNER	ACQUISITION	AREA

FILE NO. 04-12-1-045 | R/W SHEET NO. 5

SHEET NUMBER 40

PARISH	CONTROL SECTION	STATE PROJECT
PLAQUEMINES	000-38 & 838-06	H.008220

COMPUTED	MLR	DATE	10/17/2023
CHECKED	MOU	SCALE	1" = 20'
DETAILED	JNH		
CHECKED	MOU		

RIGHT OF WAY MAP
STATE PROJECT NO. H.008220
LA 406: ROUNDABOUT AT FE HEBERT
PLAQUEMINES PARISH

EVANS-GRAVES ENGINEERS

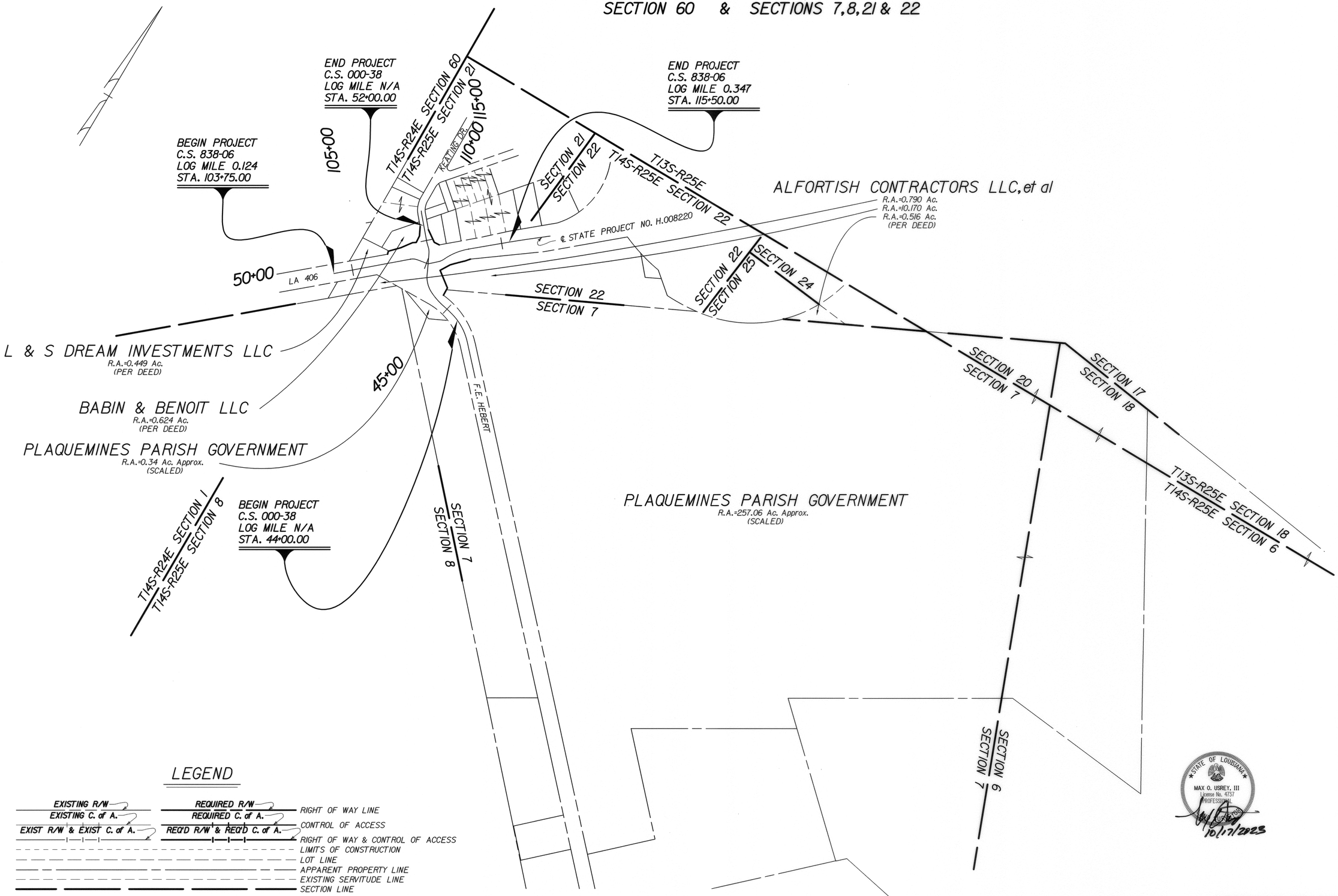
DATE	REVISION DESCRIPTION	BY

Final Right-of-Way Map
F:\00_PROJECTS\21-020\Task Orders\TO 5 H.008220_FE HEBERT\DGN\H.008220_RW_05.dgn
10/17/2023 13:57

SOUTHEASTERN LAND DISTRICT WEST OF THE MISSISSIPPI RIVER

T14S - R24E T14S - R25E

SECTION 60 & SECTIONS 7,8,21 & 22



LEGEND

EXISTING R/W	RIGHT OF WAY LINE
EXISTING C. of A.	CONTROL OF ACCESS
EXIST R/W & EXIST C. of A.	RIGHT OF WAY & CONTROL OF ACCESS
REQUIRED R/W	RIGHT OF WAY LINE
REQUIRED C. of A.	CONTROL OF ACCESS
REQ'D R/W & REQ'D C. of A.	RIGHT OF WAY & CONTROL OF ACCESS
	LIMITS OF CONSTRUCTION
	LOT LINE
	APPARENT PROPERTY LINE
	EXISTING SERVITUDE LINE
	SECTION LINE

PARISH	PLAQUEMINES
CONTROL SECTION	000-38 & 838-06
STATE PROJECT	H.008220
COMPUTED	MLR
CHECKED	MOU
DETAILED	JNH
CHECKED	MOU
DATE	10/17/2023
SCALE	1" = 300'

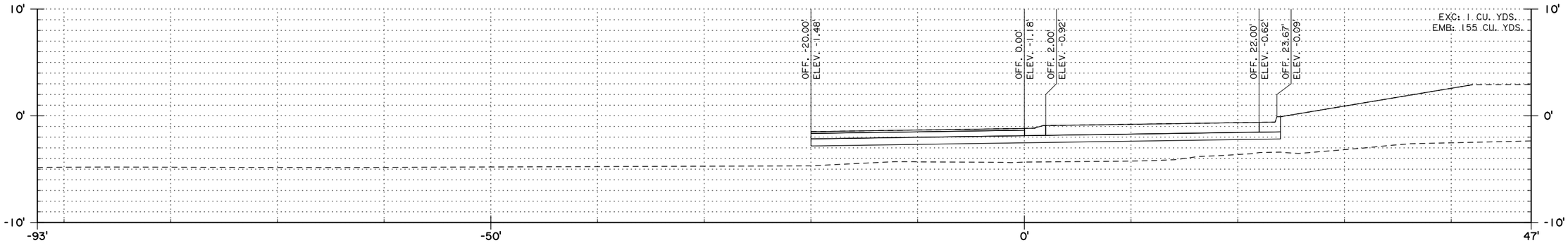
RIGHT OF WAY MAP
STATE PROJECT NO. H.008220
LA 406: ROUNDABOUT AT FE HEBERT
PLAQUEMINES PARISH

EVANS-GRAVES ENGINEERS

DATE	REVISION DESCRIPTION	BY

FILE NO. 04-12-1-045 R/W SHEET NO. 6

98% FINAL PLANS



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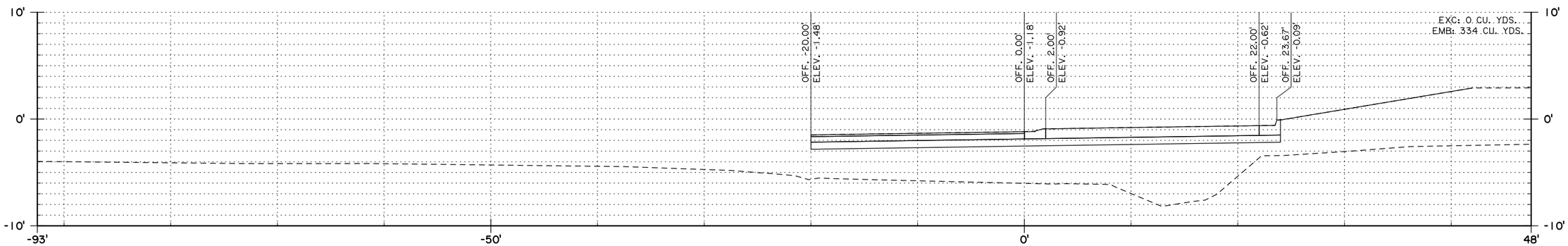

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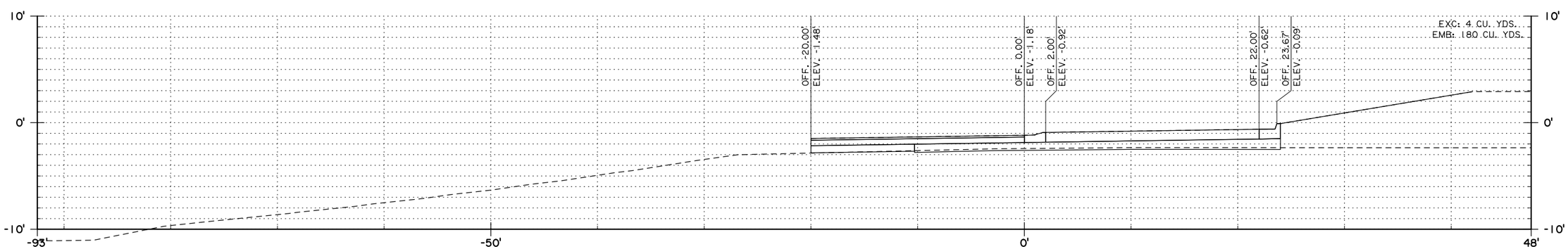


500+00

NOTE:

1. ON SOME CROSS SECTIONS, EXISTING AND/OR REQUIRED R/W FALL BEYOND THE LIMITS OF THE CROSS SECTION, REFER TO THE PLAN AND PROFILE SHEETS FOR LOCATIONS.
2. SEE GRAPHICAL GRADE SHEETS FOR DETAILS ON APPROACH TIE INS TO THE INSCRIBED CIRCLE DIAMETER.

SHEET NUMBER 401

PARISH: PLAQUEMINES
CONTROL SECTION: 838-06, 000-38
STATE PROJECT: H.008220

DESIGN: J. RAYER
CHECK: M. LEBAS
DETAIL: J. RAYER
CHECK: M. LEBAS
REVIEW:
SERIES #:

98% FINAL PLANS
PRELIMINARY
FOR REVIEW ONLY

ENGINEER:
JOHN RAYER

LICENSE #:
47089

DATE:
5/15/2025

NO.	DATE	REVISION OR CHANGE ORDER DESCRIPTION	BY

STATE OF LOUISIANA

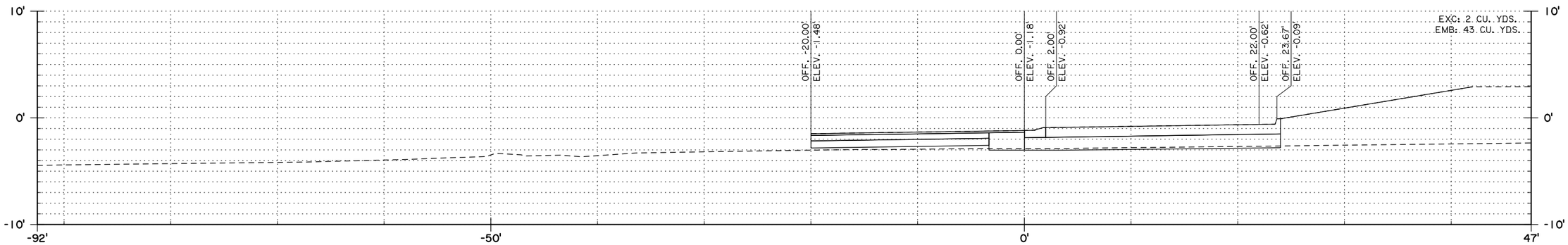
CROSS SECTIONS
ROUNDABOUT

LA 406: ROUNDABOUT AT FE HEBERT

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

ROAD DESIGN

98% FINAL PLANS



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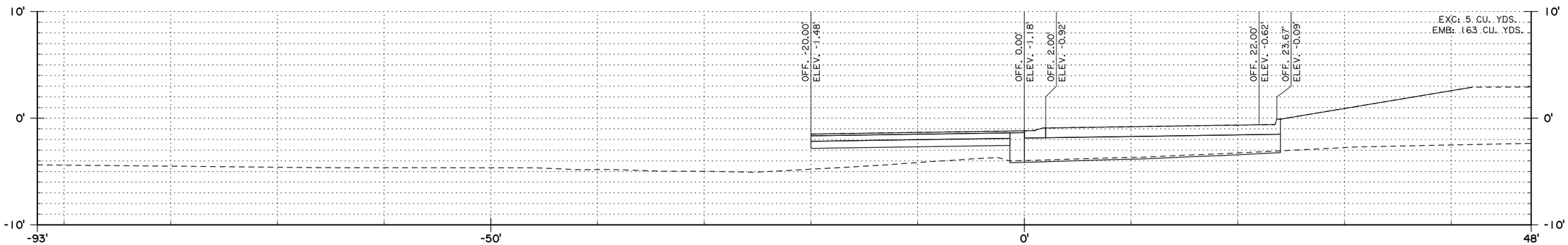

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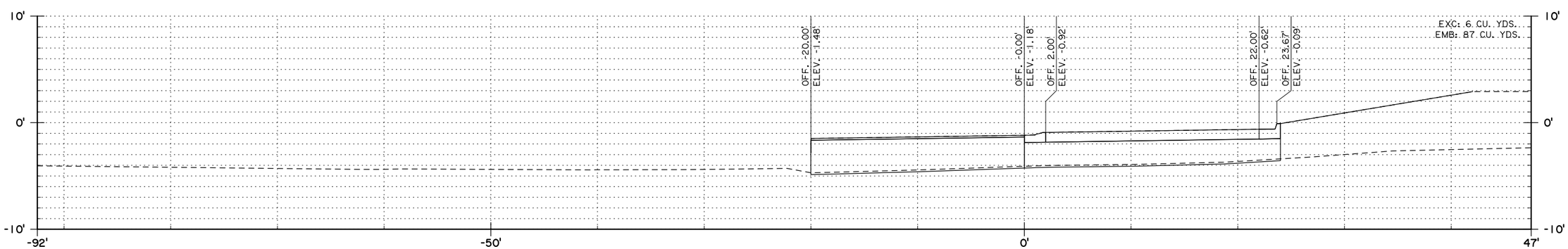


500+86

SHEET NUMBER	402
PARISH	PLAQUEMINES
CONTROL SECTION	838-06, 000-38
STATE PROJECT	H.008220
DESIGN	J. RAYER
CHECK	M. LEBAS
DETAIL	J. RAYER
CHECK	M. LEBAS
REVIEW	
SERIES #	

98% FINAL PLANS

PRELIMINARY
FOR REVIEW ONLY

ENGINEER:
JOHN RAYER

LICENSE #:
47089

DATE:
5/15/2025

NO.	DATE	REVISION OR CHANGE ORDER DESCRIPTION	BY

STATE OF LOUISIANA

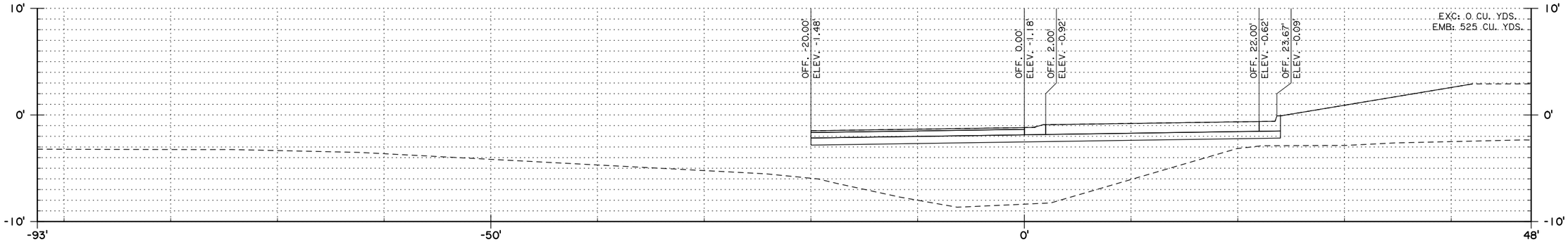
CROSS SECTIONS
ROUNDABOUT

LA 406: ROUNDABOUT AT FE HEBERT

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

ROAD DESIGN

98% FINAL PLANS



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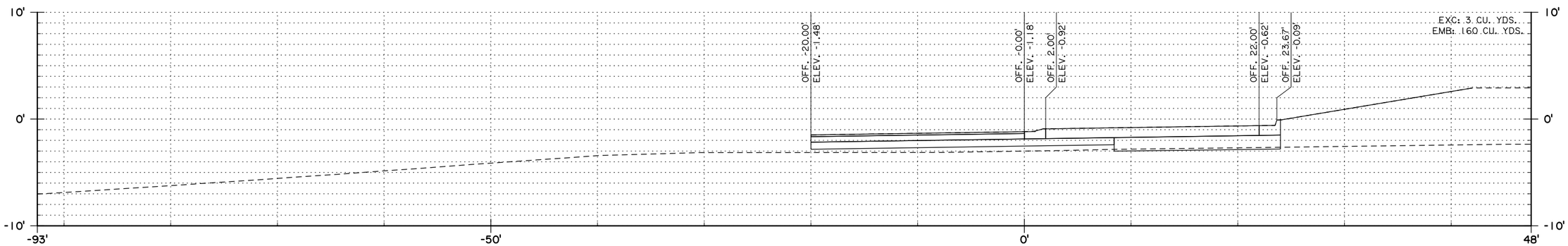

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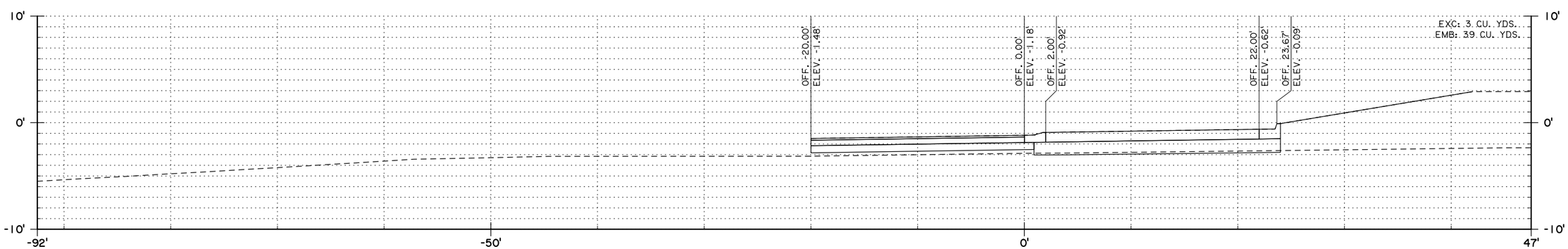


501+47

SHEET NUMBER	403
PARISH	PLAQUEMINES
CONTROL SECTION	838-06, 000-38
STATE PROJECT	H.008220
DESIGN	J. RAYER
CHECK	M. LEBAS
DETAIL	J. RAYER
CHECK	M. LEBAS
REVIEW	
SERIES #	

98% FINAL PLANS

PRELIMINARY
FOR REVIEW ONLY

ENGINEER:
JOHN RAYER

LICENSE #:
47089

DATE:
5/15/2025

NO.	DATE	REVISION OR CHANGE ORDER DESCRIPTION	BY

STATE OF LOUISIANA

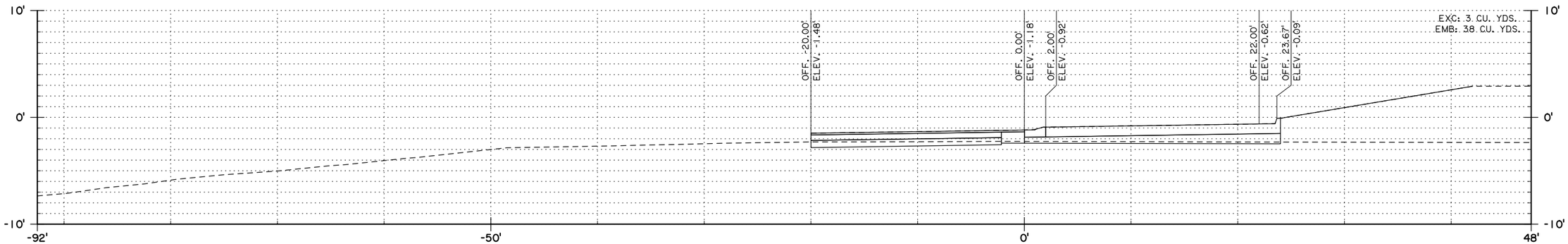
CROSS SECTIONS
ROUNDABOUT

LA 406: ROUNDABOUT AT FE HEBERT

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

ROAD DESIGN

98% FINAL PLANS



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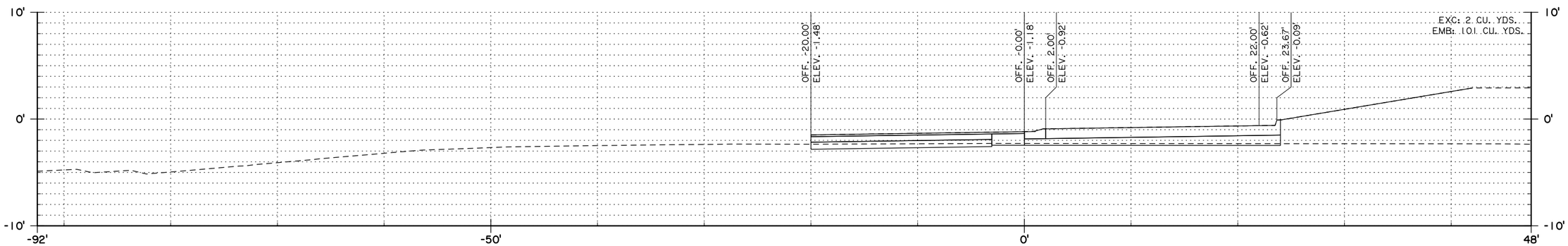

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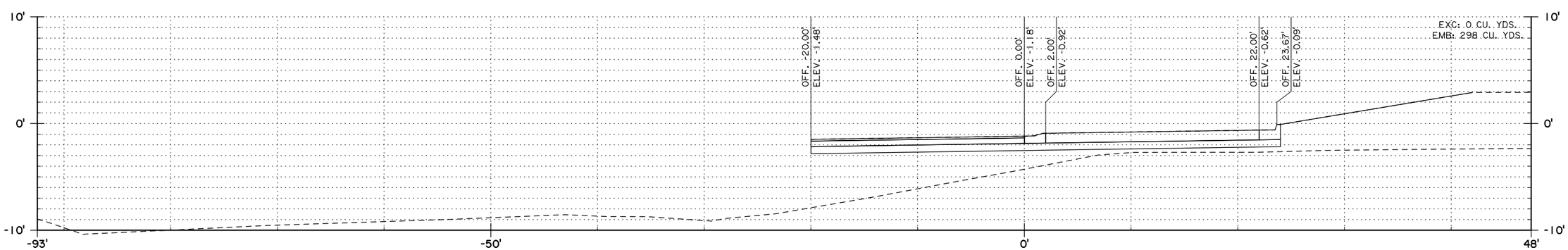


502+50

SHEET NUMBER	404
PARISH	PLAQUEMINES
CONTROL SECTION	838-06, 000-38
STATE PROJECT	H.008220
DESIGN	J. RAYER
CHECK	M. LEBAS
DETAIL	J. RAYER
CHECK	M. LEBAS
REVIEW	
SERIES #	

98% FINAL PLANS

PRELIMINARY
FOR REVIEW ONLY

ENGINEER:
JOHN RAYER

LICENSE #:
47089

DATE:
5/15/2025

NO.	DATE	REVISION OR CHANGE ORDER DESCRIPTION	BY

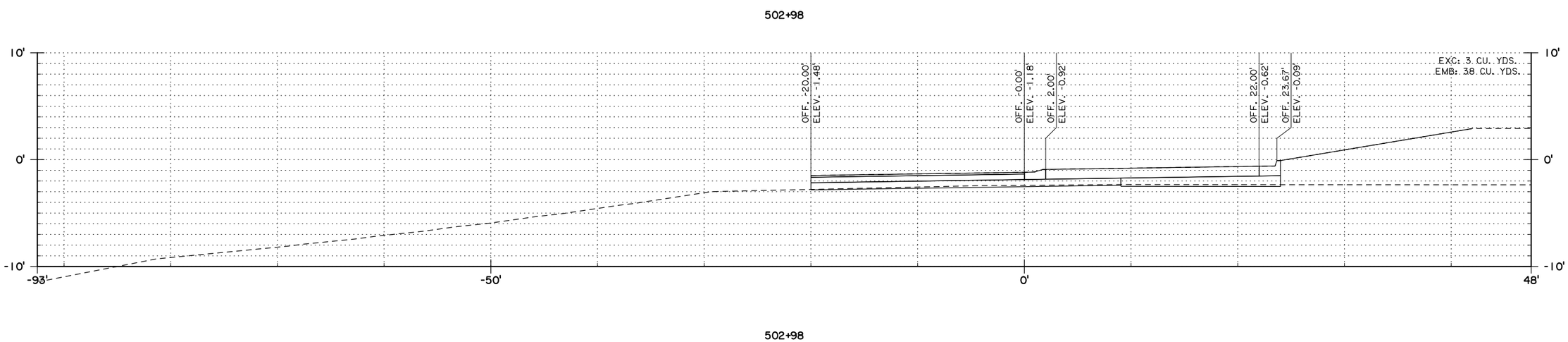
STATE OF LOUISIANA

CROSS SECTIONS
ROUNDABOUT

LA 406: ROUNDABOUT AT FE HEBERT

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

ROAD DESIGN



SHEET NUMBER	405
PARISH	PLAQUEMINES
CONTROL SECTION	838-06, 000-38
STATE PROJECT	H.008220

DESIGN	J. RAYER
CHECK	M. LEBAS
DETAIL	J. RAYER
CHECK	M. LEBAS
REVIEW	
SERIES #	

98% FINAL PLANS

PRELIMINARY
FOR REVIEW ONLY

ENGINEER:
JOHN RAYER

LICENSE #:
47089

DATE:
5/15/2025

NO.	DATE	REVISION OR CHANGE ORDER DESCRIPTION	BY

STATE OF LOUISIANA

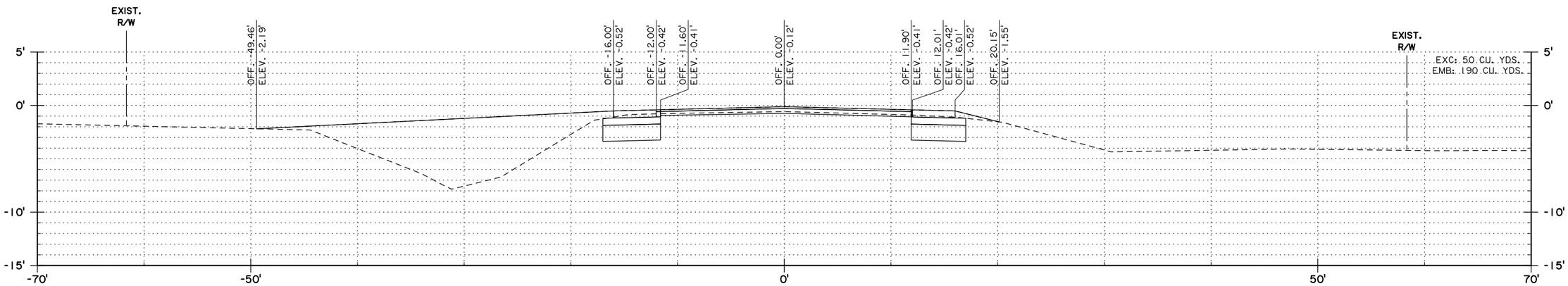
CROSS SECTIONS
ROUNDABOUT

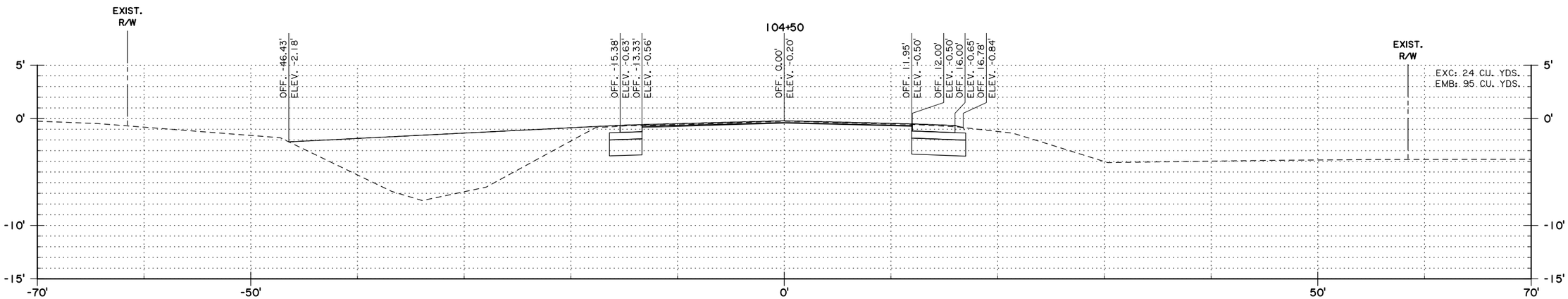
LA 406: ROUNDABOUT AT FE HEBERT

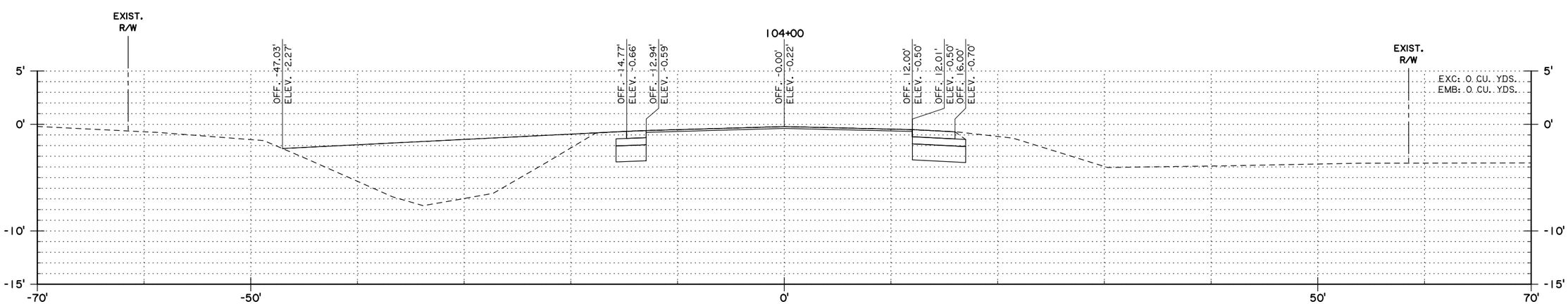
DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

ROAD DESIGN

98% FINAL PLANS







103+75

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SHEET NUMBER	406
PARISH	PLAQUEMINES
CONTROL SECTION	838-06, 000-38
STATE PROJECT	H.008220
DESIGN	J. RAYER
CHECK	M. LEBAS
DETAIL	J. RAYER
CHECK	M. LEBAS
REVIEW	
SERIES #	

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PRELIMINARY
FOR REVIEW ONLY

ENGINEER:
JOHN RAYER

LICENSE #:
47089

DATE:
5/15/2025

NO.	DATE	REVISION OR CHANGE ORDER DESCRIPTION	BY

STATE OF LOUISIANA

CROSS SECTIONS
LA 406

LA 406: ROUNDABOUT AT FE HEBERT

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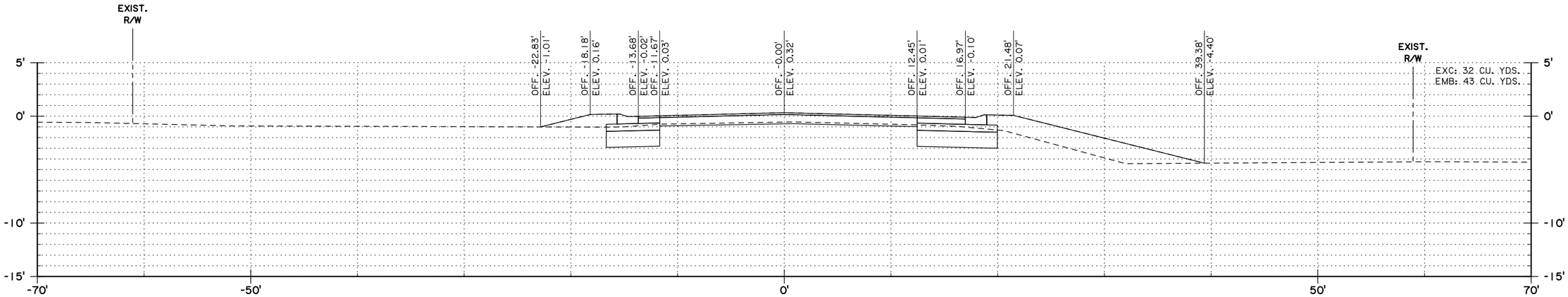

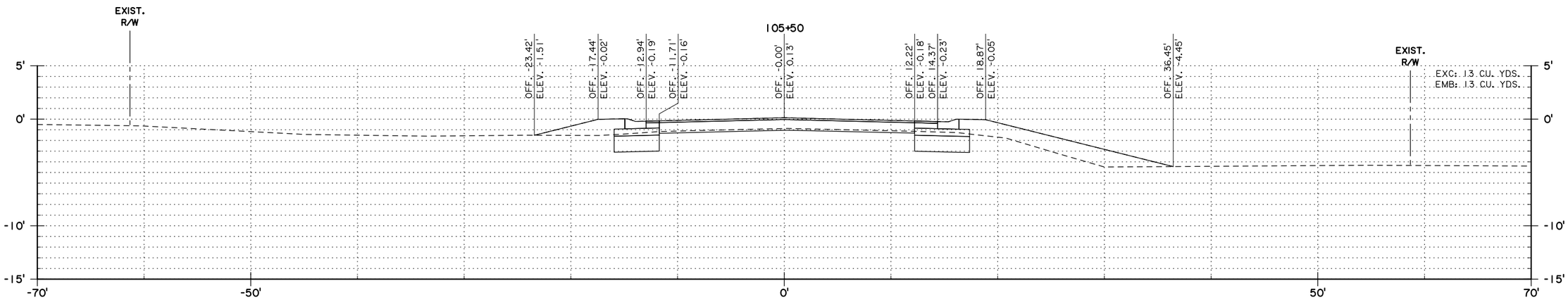

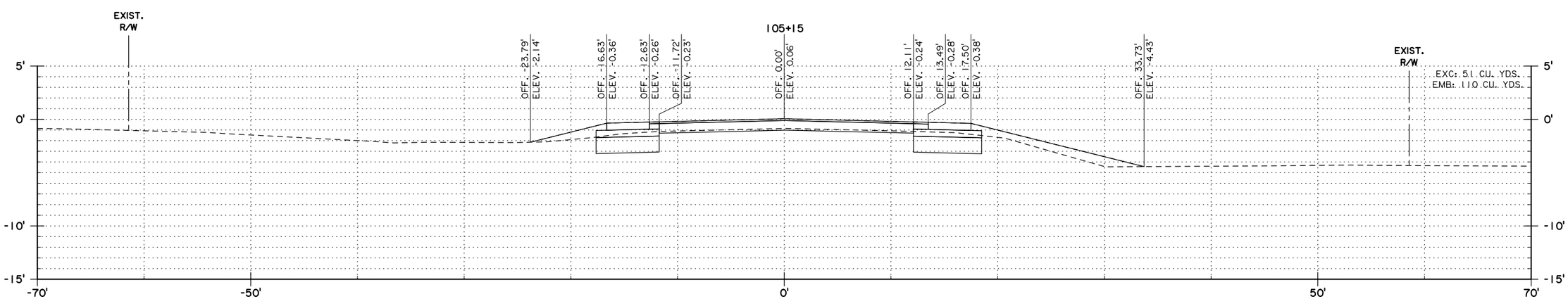

SHEET NUMBER	407
PARISH	PLAQUEMINES
CONTROL SECTION	838-06, 000-38
STATE PROJECT	H.008220
DESIGN	J. RAYER
CHECK	M. LEBAS
DETAIL	J. RAYER
CHECK	M. LEBAS
REVIEW	
SERIES #	

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LA 406

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ROAD DESIGN

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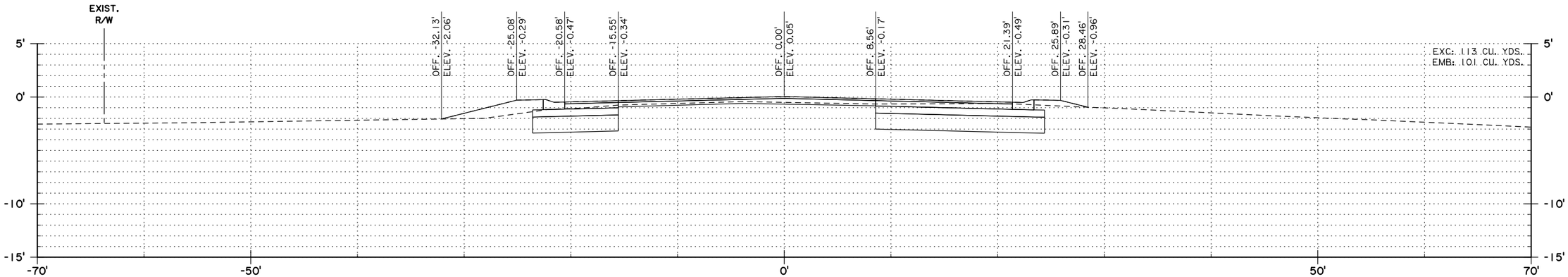

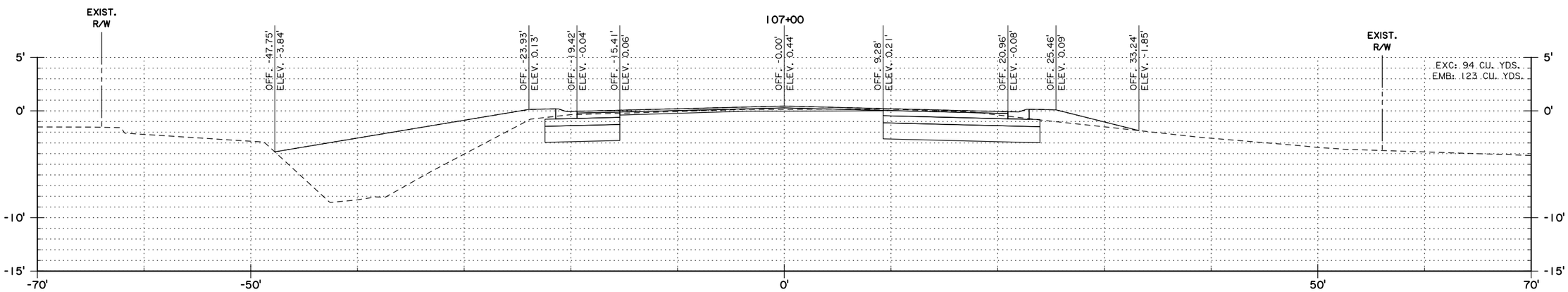

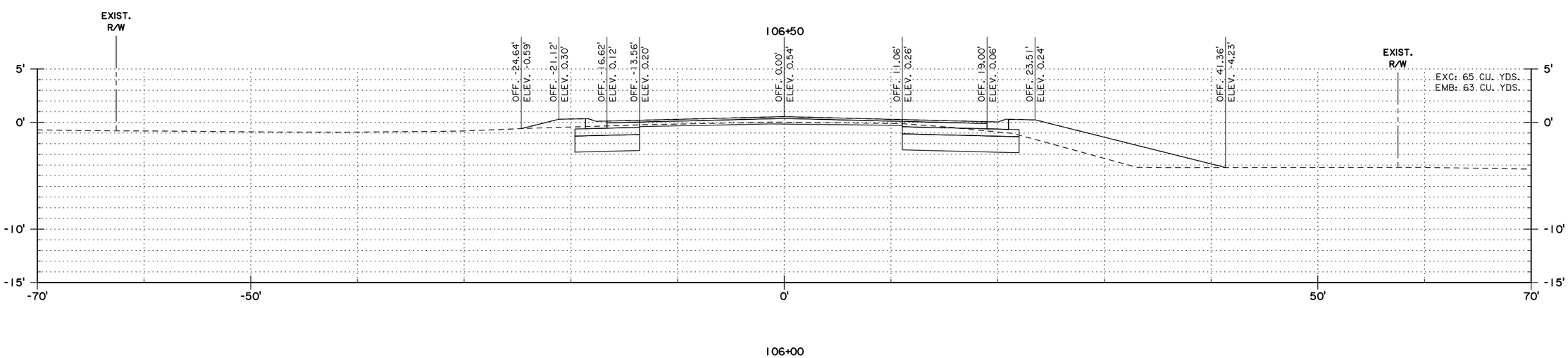

SHEET NUMBER	408
PARISH	PLAQUEMINES
CONTROL SECTION	838-06, 000-38
STATE PROJECT	H.008220
DESIGN	J. RAYER
CHECK	M. LEBAS
DETAIL	J. RAYER
CHECK	M. LEBAS
REVIEW	
SERIES #	

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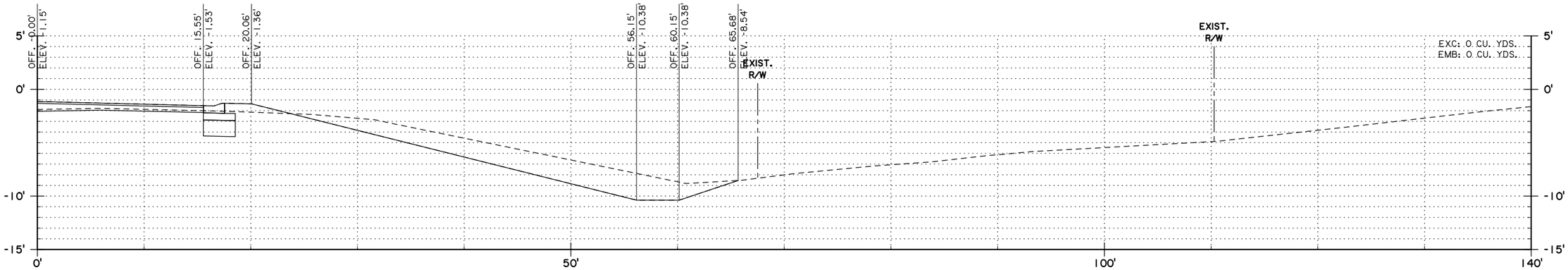

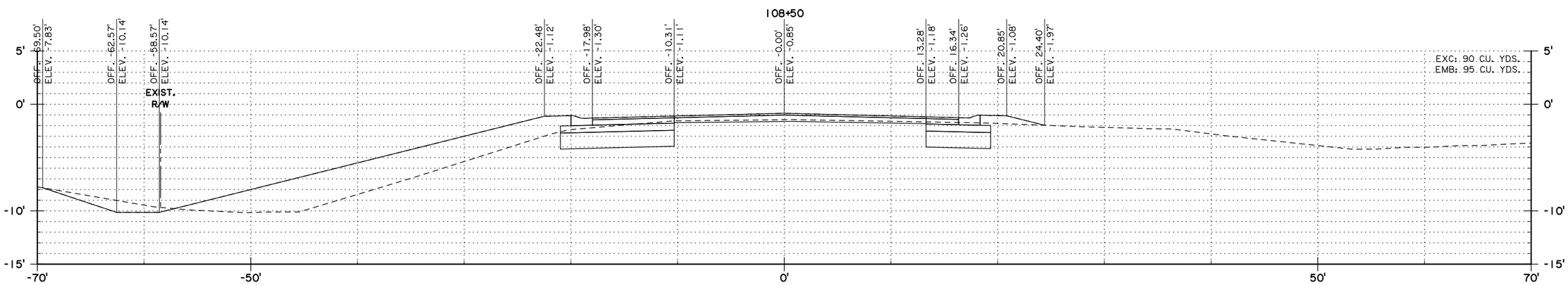

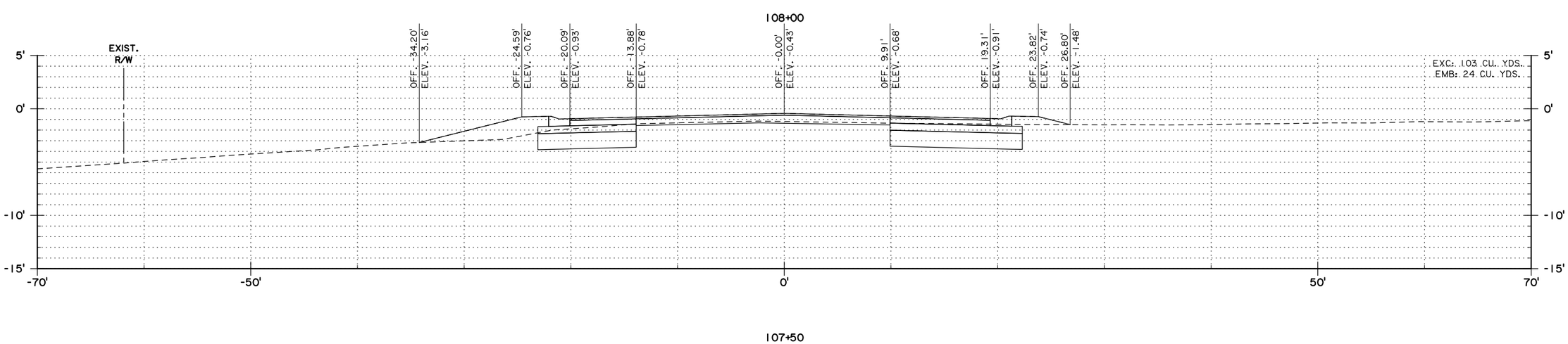

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PARISH	PLAQUEMINES
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STATE OF LOUISIANA
JOHN BEL EDWARDS
GOVERNOR

CROSS SECTIONS
LA 406

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LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

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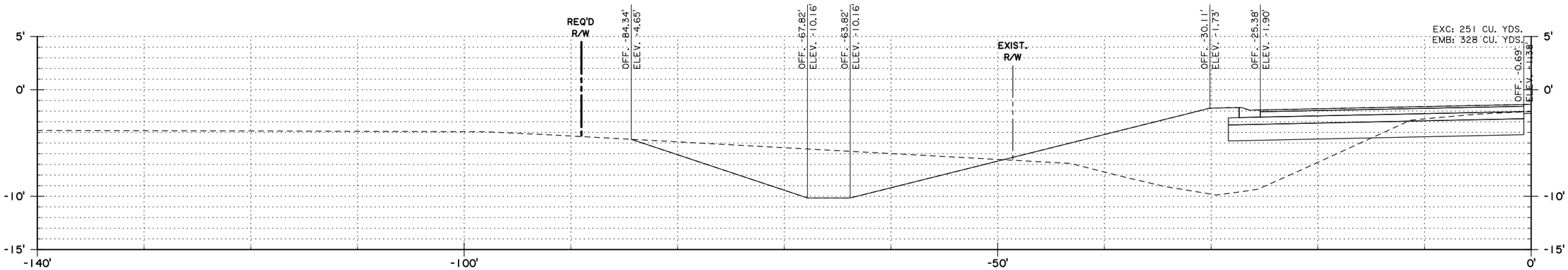

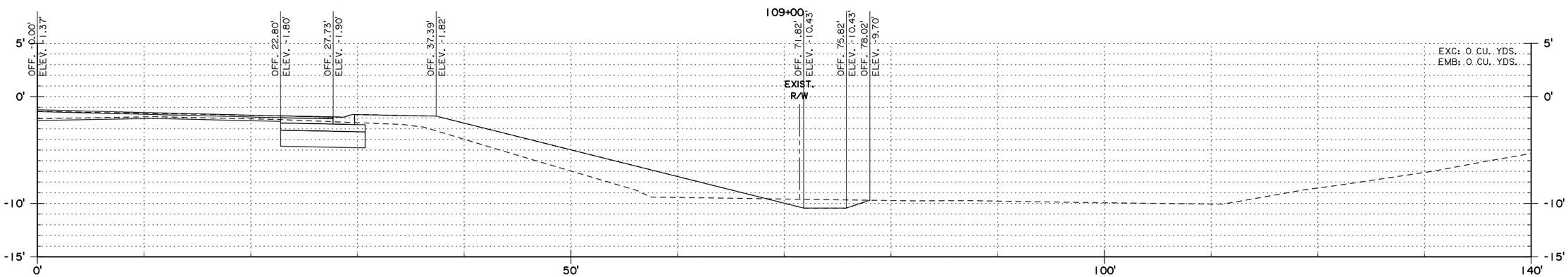

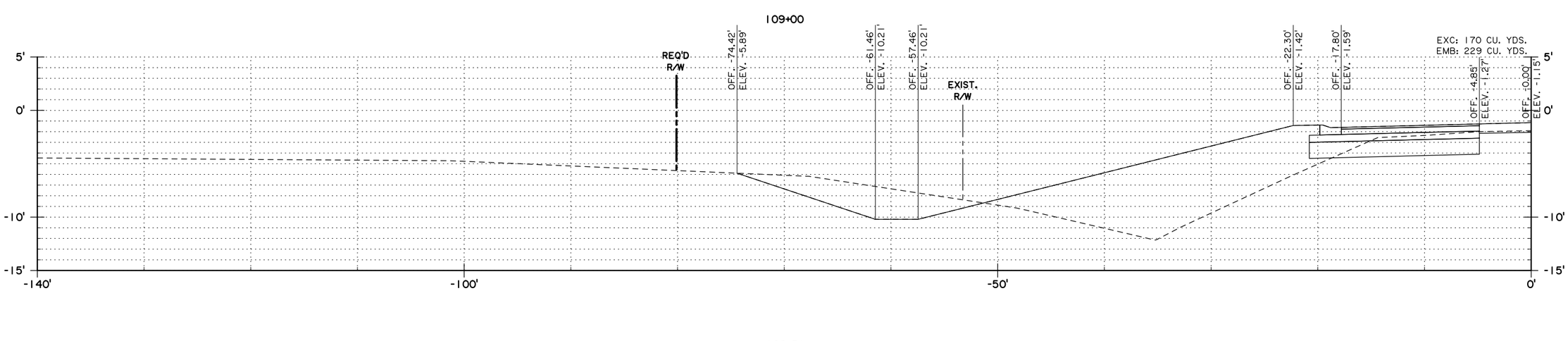

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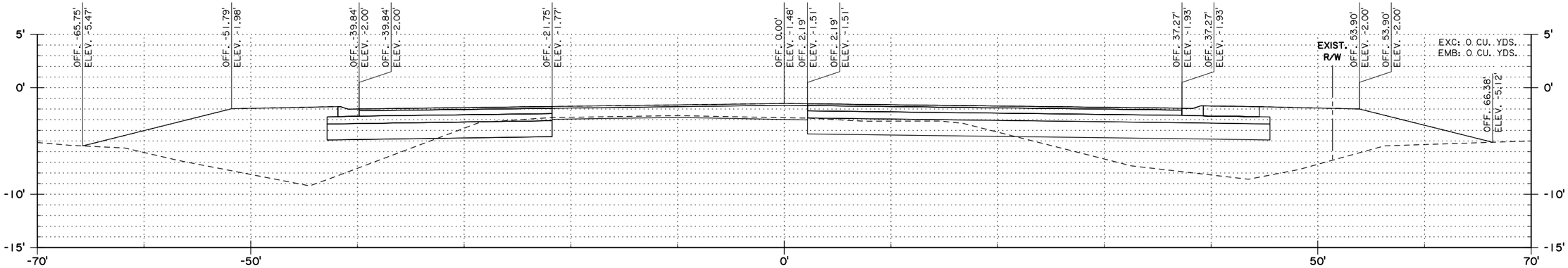

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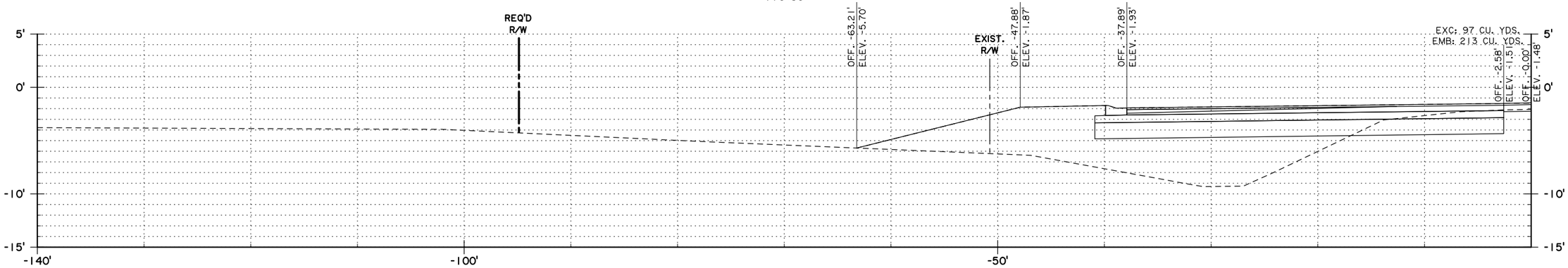

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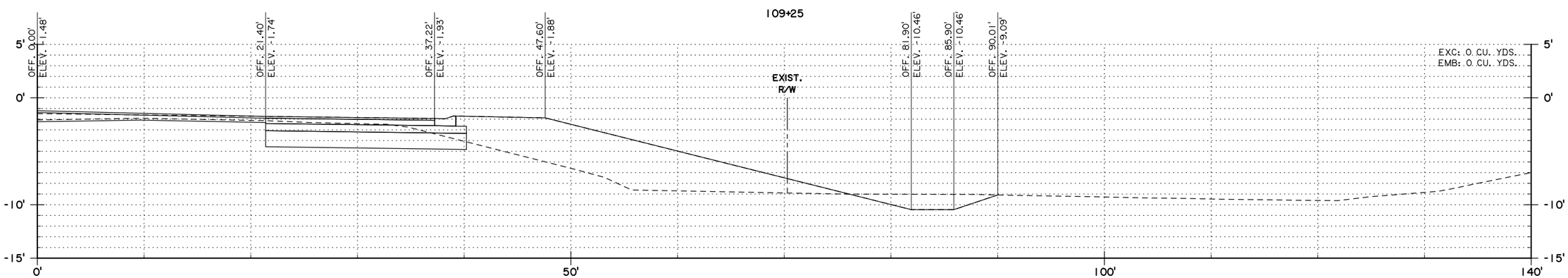

109+25

SHEET NUMBER	411
PARISH	PLAQUEMINES
CONTROL SECTION	838-06, 000-38
STATE PROJECT	H.008220
DESIGN	J. RAYER
CHECK	M. LEBAS
DETAIL	J. RAYER
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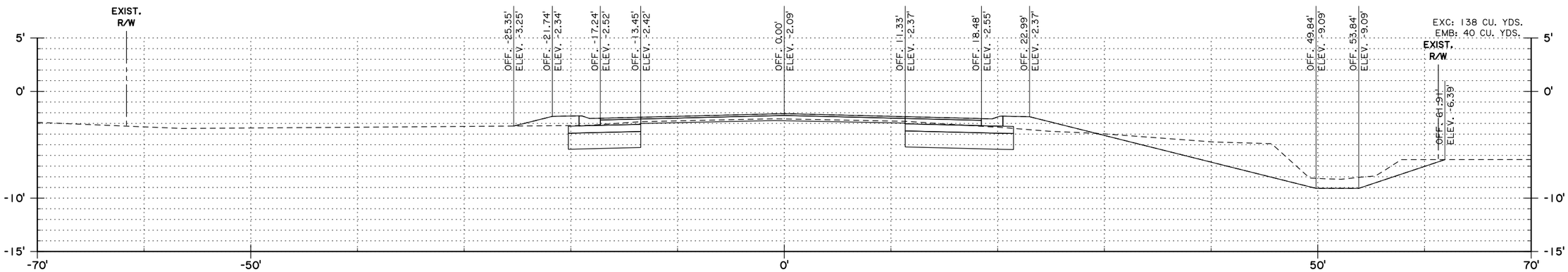

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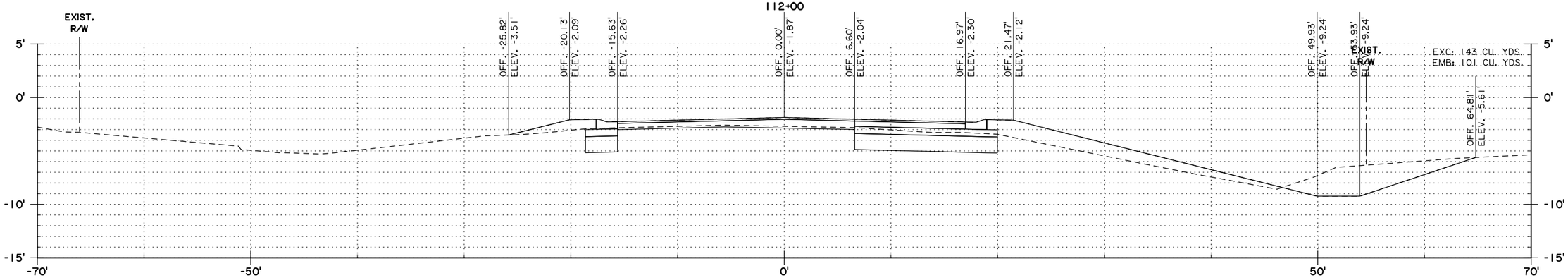

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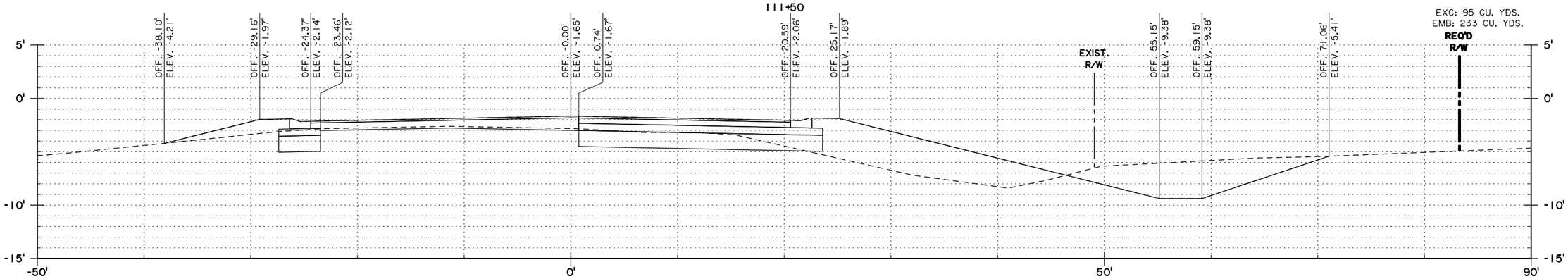

111+00

SHEET NUMBER	412
PARISH	PLAQUEMINES
CONTROL SECTION	838-06, 000-38
STATE PROJECT	H.008220
DESIGN	J. RAYER
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LA 406: ROUNDABOUT AT FE HEBERT

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LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

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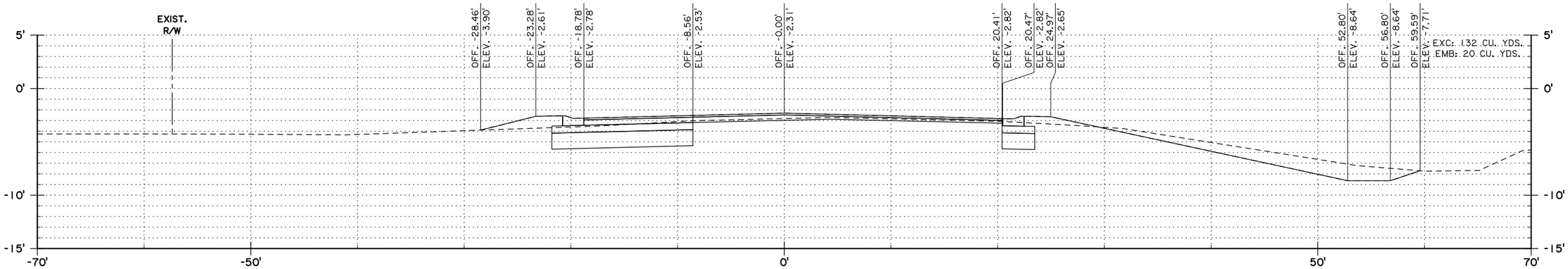

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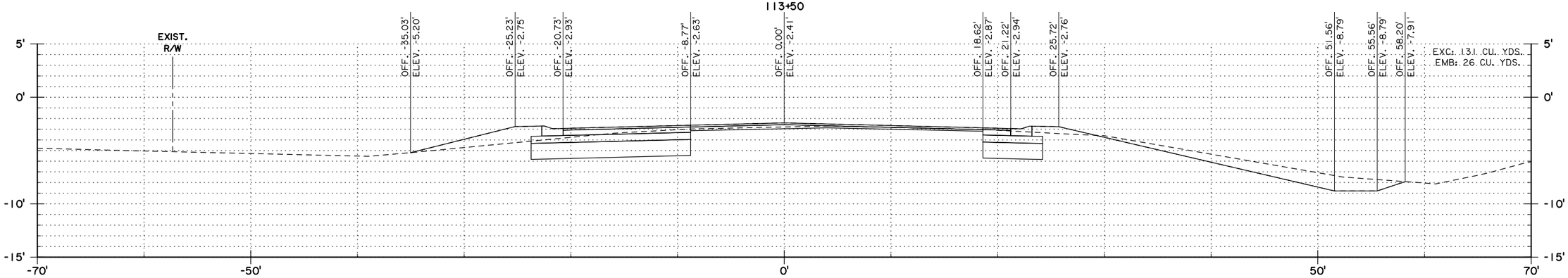

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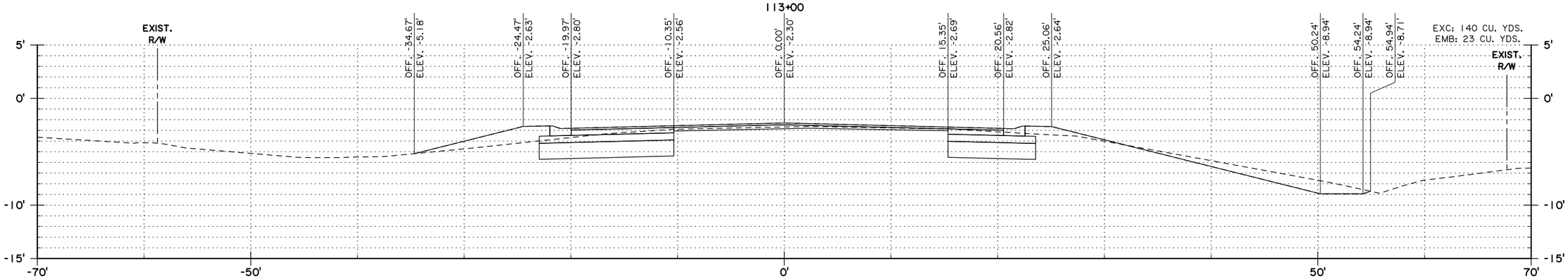

112+50

SHEET NUMBER	413
PARISH	PLAQUEMINES
CONTROL SECTION	838-06, 000-38
STATE PROJECT	H.008220
DESIGN	J. RAYER
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LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

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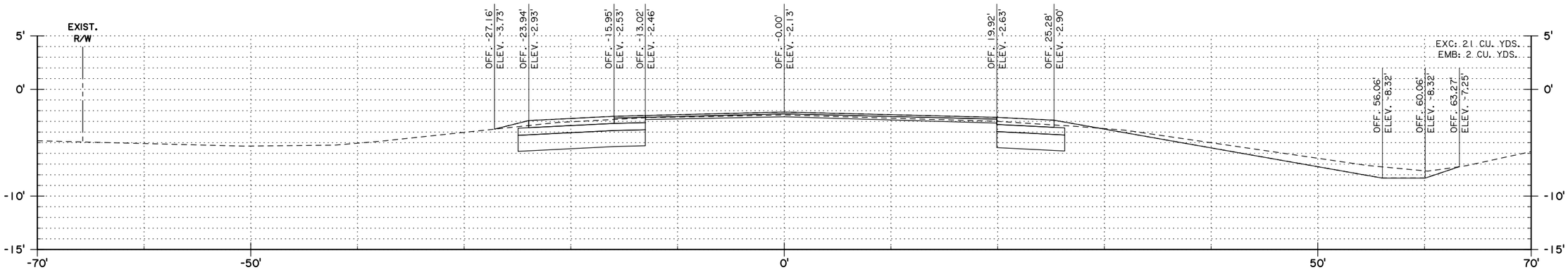

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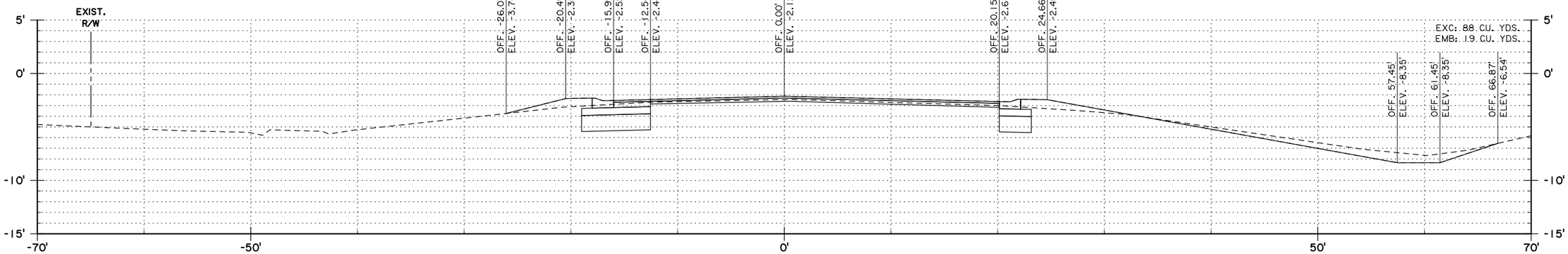

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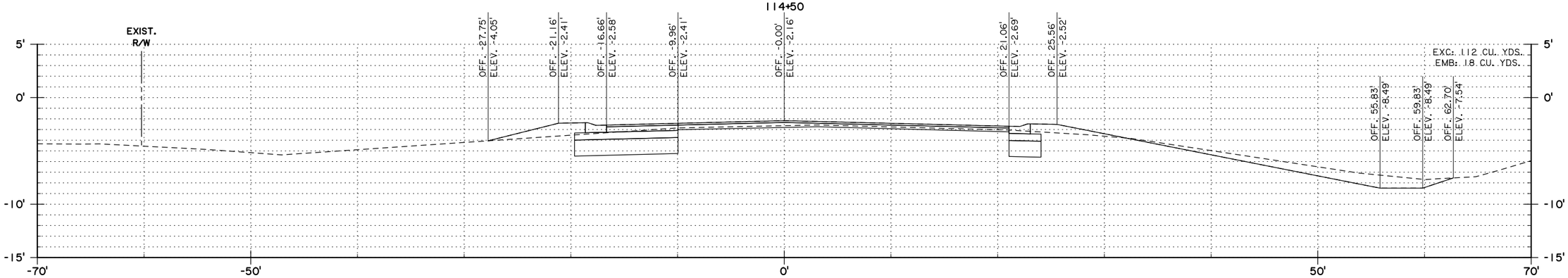

114+00

SHEET NUMBER	414
PARISH	PLAQUEMINES
CONTROL SECTION	838-06, 000-38
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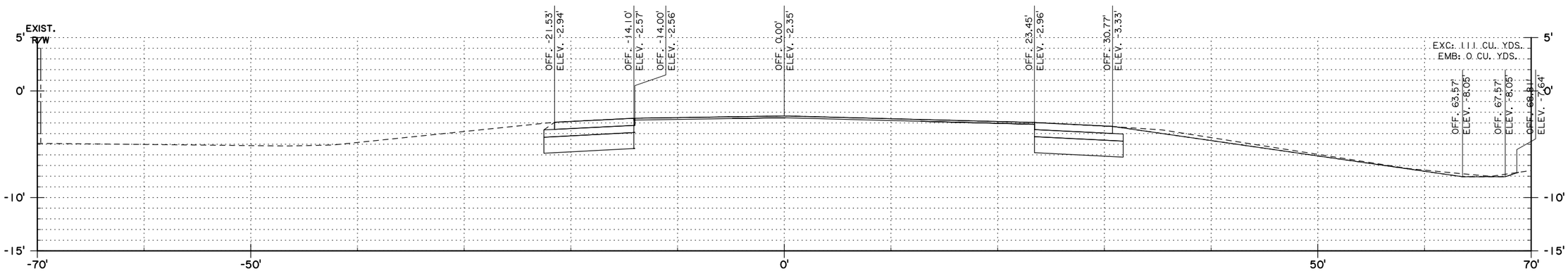
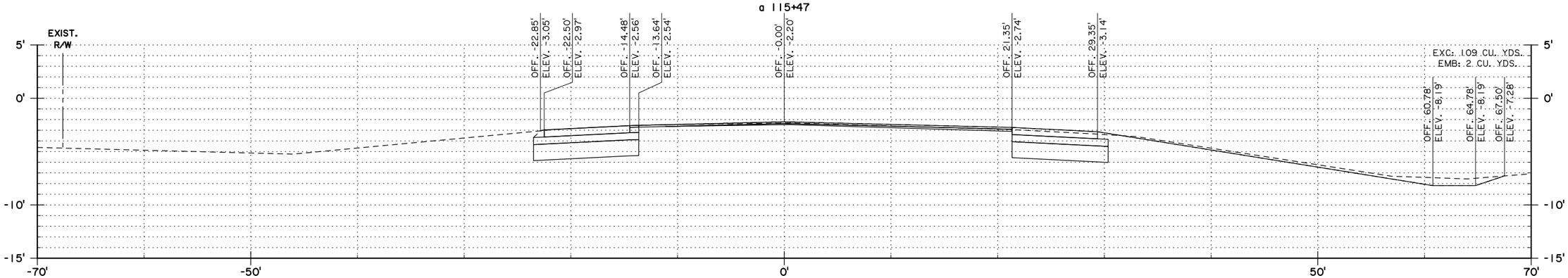
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

ROAD DESIGN



a 115+47



a 115+00

SHEET NUMBER	415
PARISH	PLAQUEMINES
CONTROL SECTION	838-06, 000-38
STATE PROJECT	H.008220

DESIGN	J. RAYER
CHECK	M. LEBAS
DETAIL	J. RAYER
CHECK	M. LEBAS
REVIEW	
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LA 406

LA 406: ROUNDABOUT AT FE HEBERT

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LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

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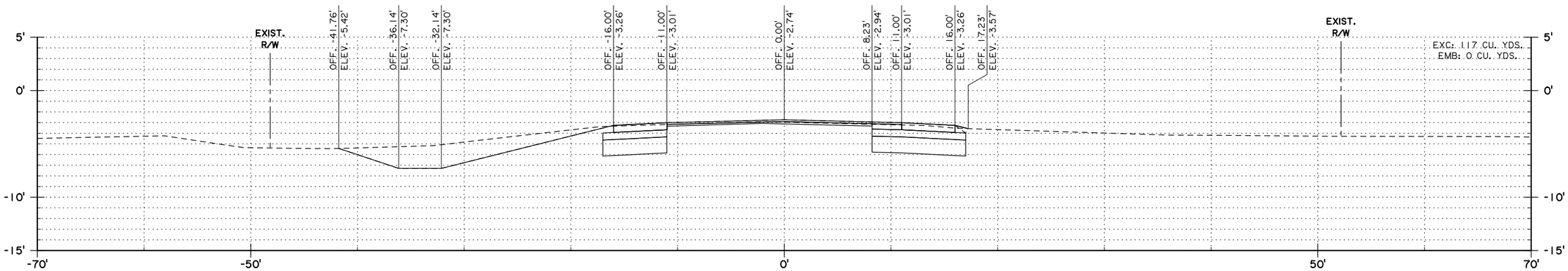

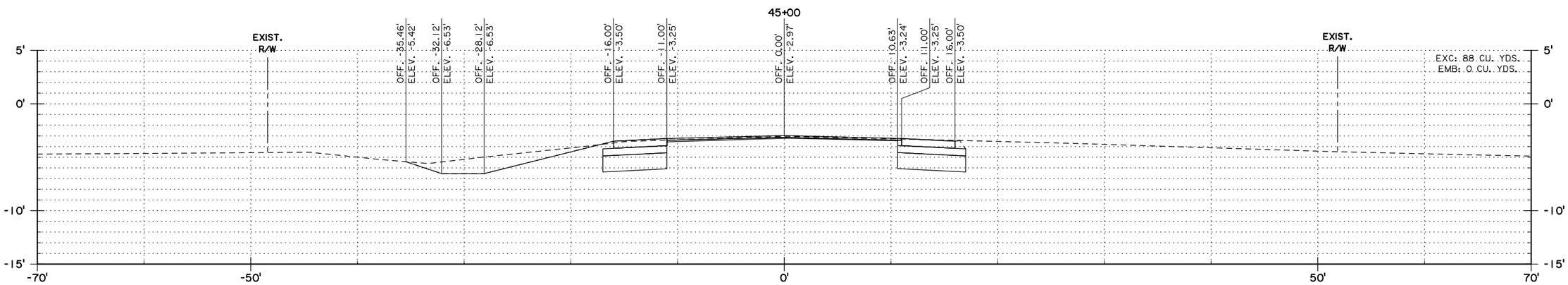

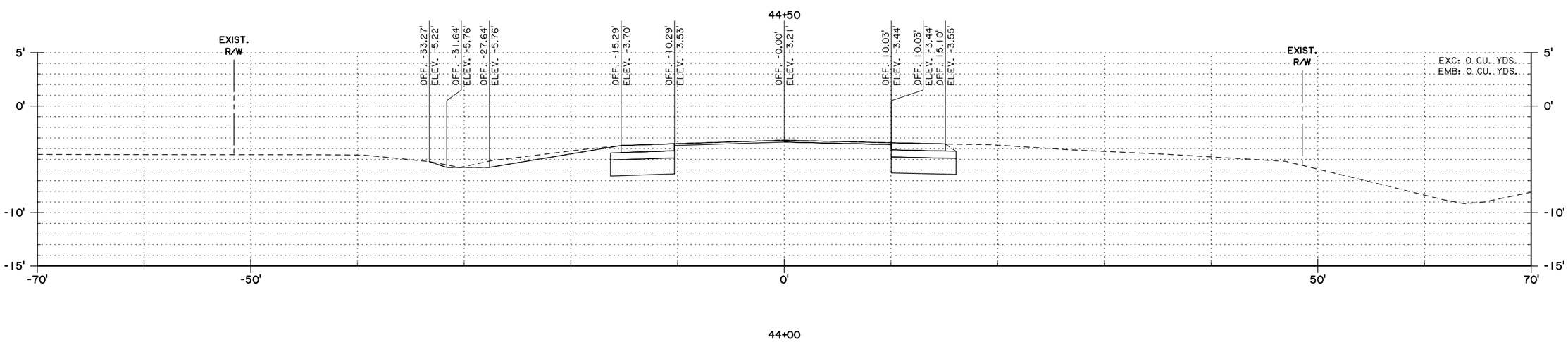

SHEET NUMBER	416
PARISH	PLAQUEMINES
CONTROL SECTION	838-06, 000-38
STATE PROJECT	H.008220
DESIGN	J. RAYER
CHECK	M. LEBAS
DETAIL	J. RAYER
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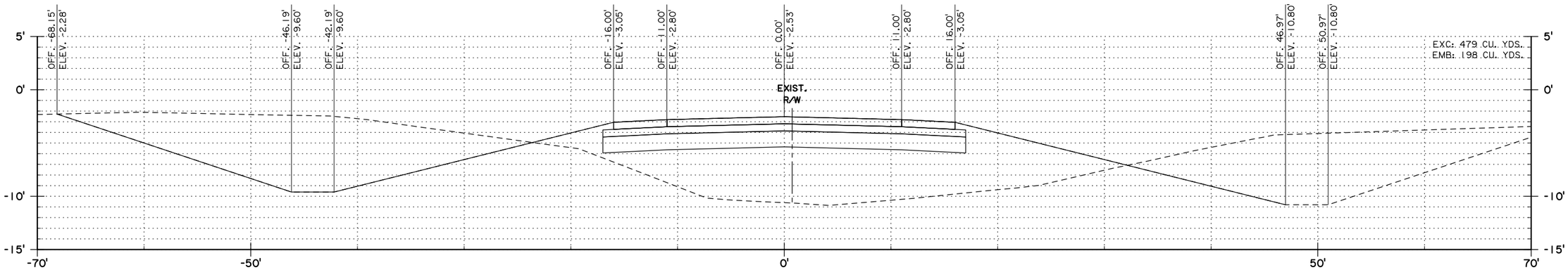

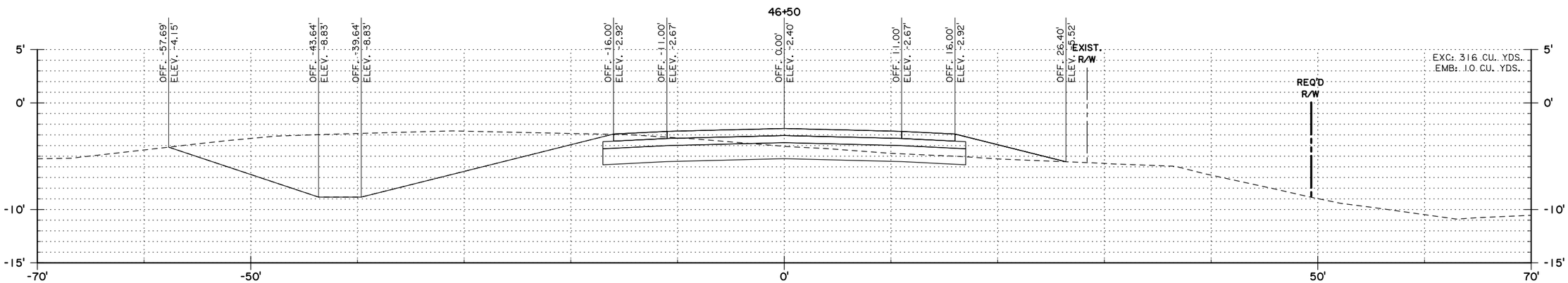

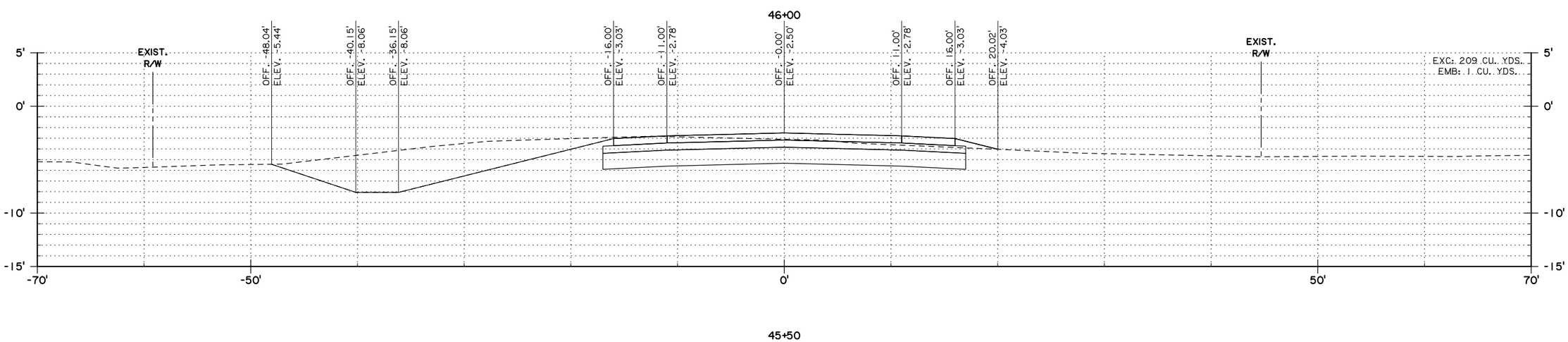

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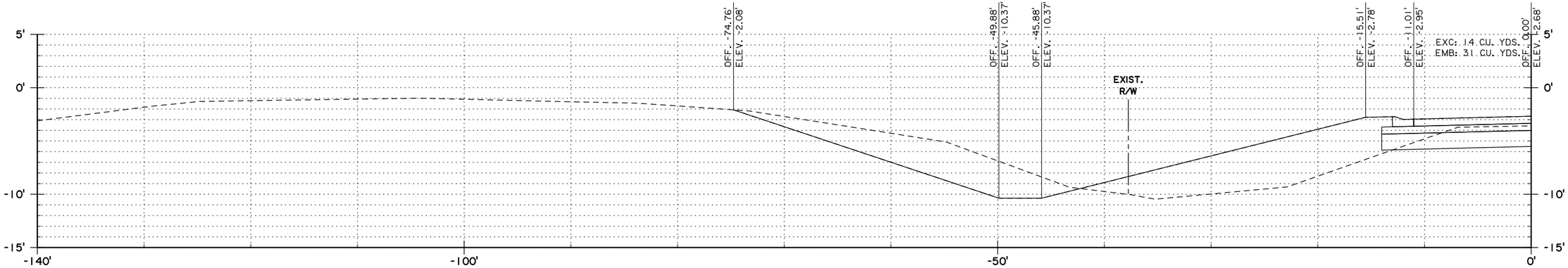

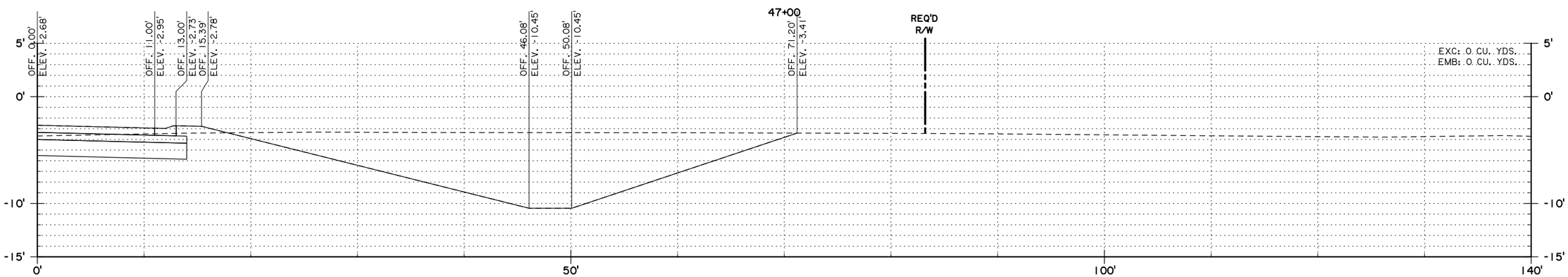

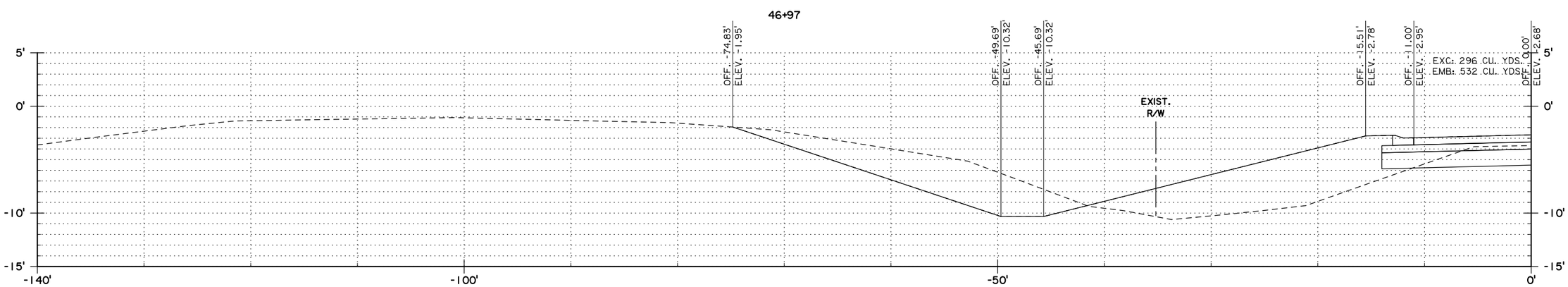

SHEET NUMBER	418
PARISH	PLAQUEMINES
CONTROL SECTION	838-06, 000-38
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DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT
DAVID W. JOHN
SECRETARY

CROSS SECTIONS
FE HEBERT

LA 406: ROUNDABOUT AT FE HEBERT

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LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

ROAD DESIGN

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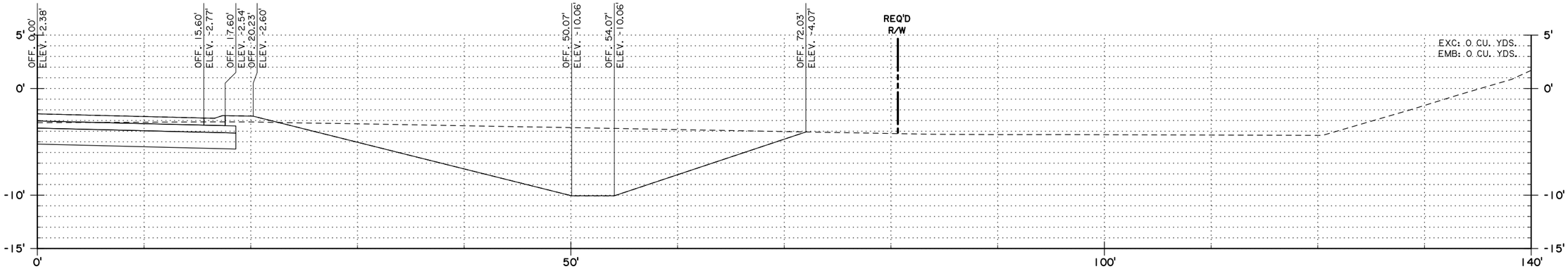
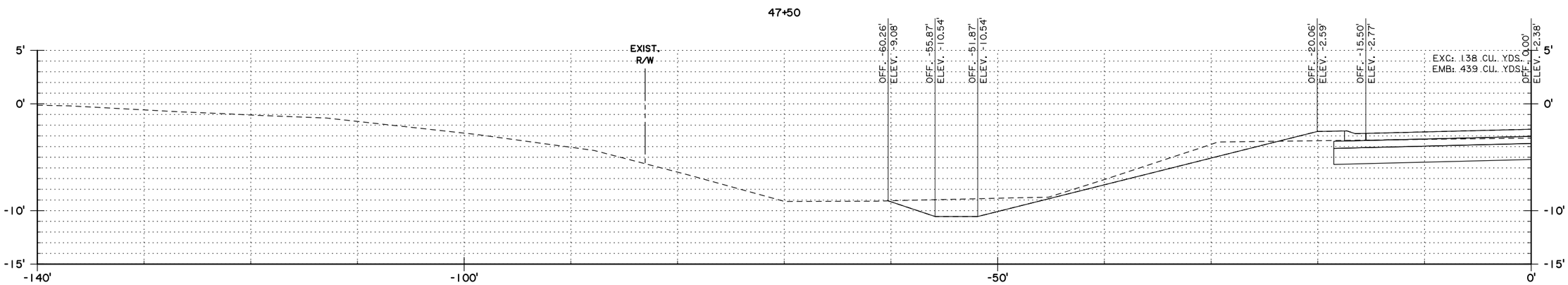
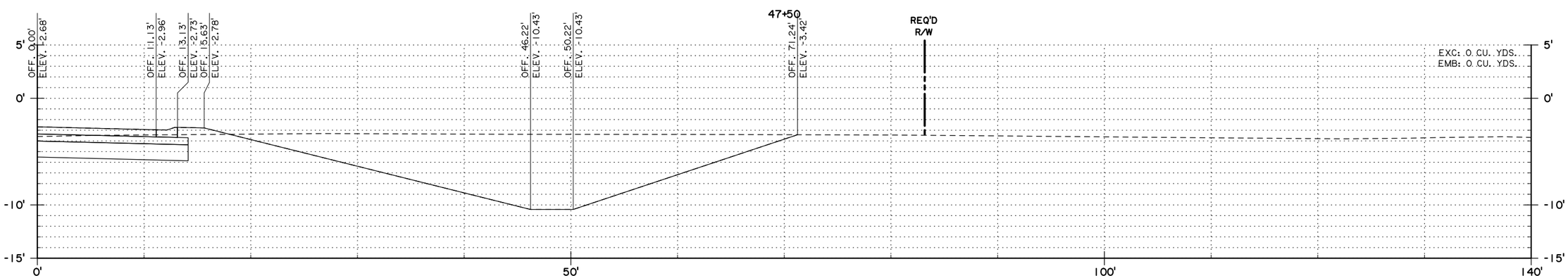






SHEET NUMBER	419
PARISH	PLAQUEMINES
CONTROL SECTION	838-06, 000-38
STATE PROJECT	H.008220
DESIGN	J. RAYER
CHECK	M. LEBAS
DETAIL	J. RAYER
CHECK	M. LEBAS
REVIEW	
SERIES #	

98% FINAL PLANS

PRELIMINARY
FOR REVIEW ONLY

ENGINEER:
JOHN RAYER

LICENSE #:
47089

DATE:
5/15/2025

NO.	DATE	REVISION OR CHANGE ORDER DESCRIPTION	BY

STATE OF LOUISIANA

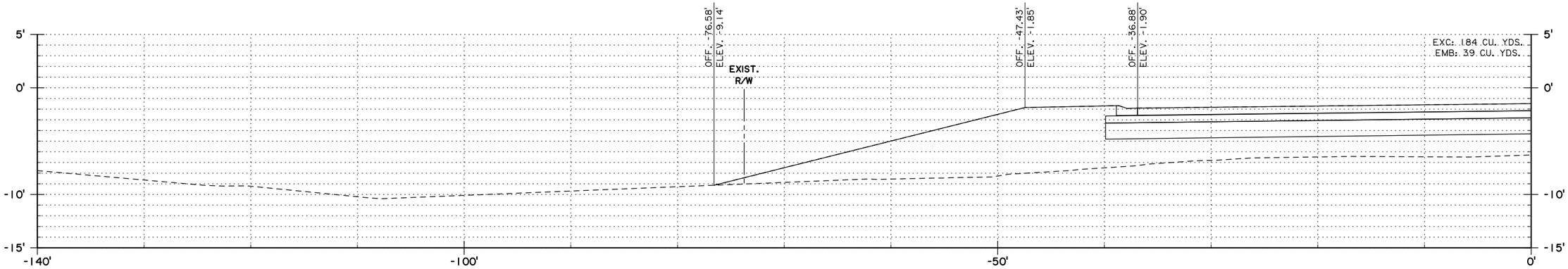
CROSS SECTIONS
FE HEBERT

LA 406: ROUNDABOUT AT FE HEBERT

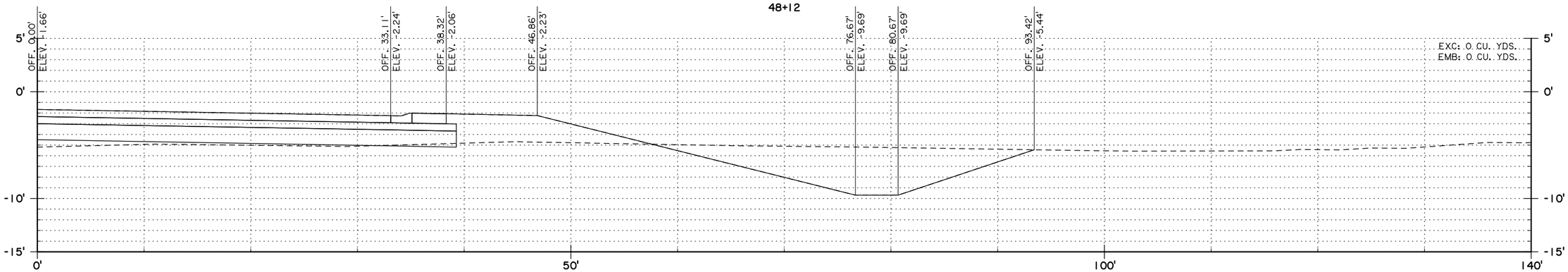
DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

ROAD DESIGN

98% FINAL PLANS



48+12



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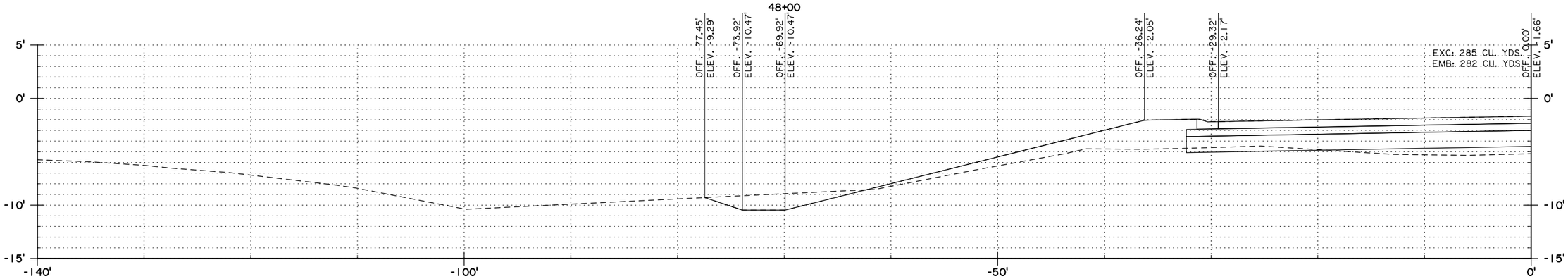

48+00

SHEET NUMBER	420
PARISH	PLAQUEMINES
CONTROL SECTION	838-06, 000-38
STATE PROJECT	H.008220
DESIGN	J. RAYER
CHECK	M. LEBAS
DETAIL	J. RAYER
CHECK	M. LEBAS
REVIEW	
SERIES #	

98% FINAL PLANS

PRELIMINARY
FOR REVIEW ONLY

ENGINEER:
JOHN RAYER

LICENSE #:
47089

DATE:
5/15/2025

NO.	DATE	REVISION OR CHANGE ORDER DESCRIPTION	BY

STATE OF LOUISIANA
JOHN BEL EDWARDS
GOVERNOR

CROSS SECTIONS
FE HEBERT

LA 406: ROUNDABOUT AT FE HEBERT

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

ROAD DESIGN

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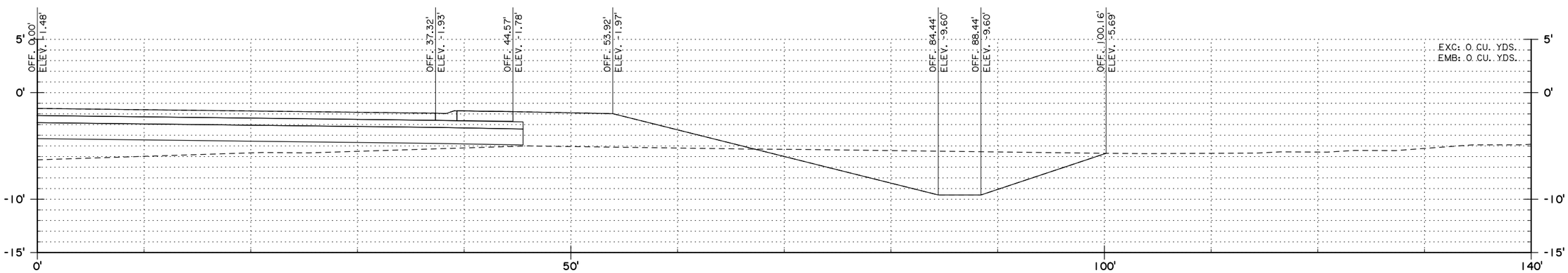
5/15/2025 10:01



48+12

SHEET NUMBER	421
PARISH	PLAQUEMINES
CONTROL SECTION	838-06, 000-38
STATE PROJECT	H.008220

DESIGN	J. RAYER		
CHECK	M. LEBAS		
DETAIL	J. RAYER		
CHECK	M. LEBAS		
REVIEW			
SERIES #			

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ENGINEER:
JOHN RAYER

LICENSE #:
47089

DATE:
5/15/2025

NO.	DATE	REVISION OR CHANGE ORDER DESCRIPTION	BY

STATE OF LOUISIANA

CROSS SECTIONS
FE HEBERT

LA 406: ROUNDABOUT AT FE HEBERT

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

ROAD DESIGN

IP_PWP:d0696187\401_Cross Sections 98% Final.dgn

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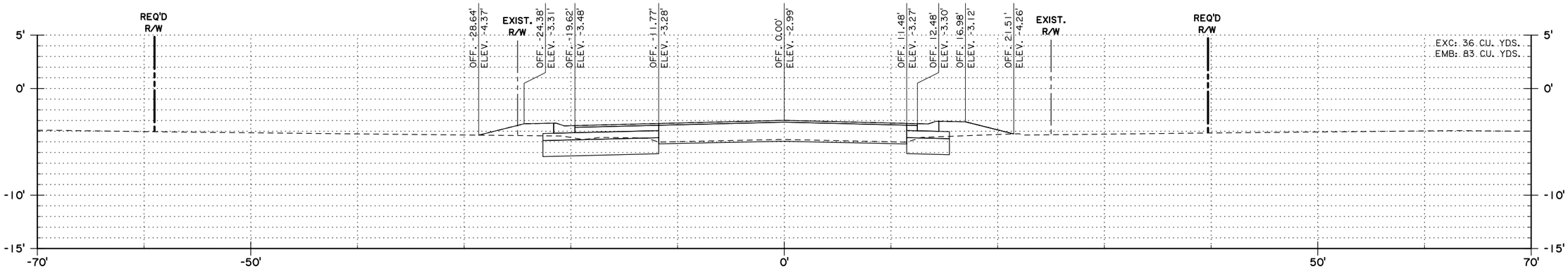
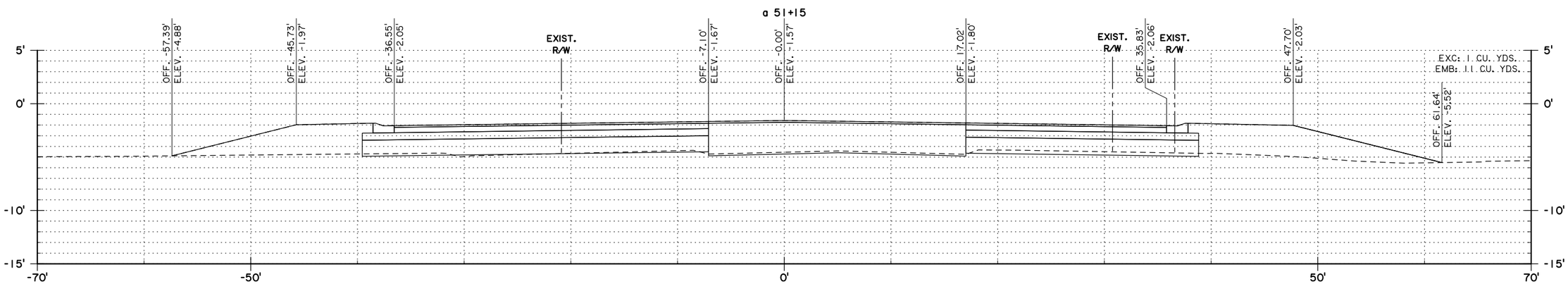
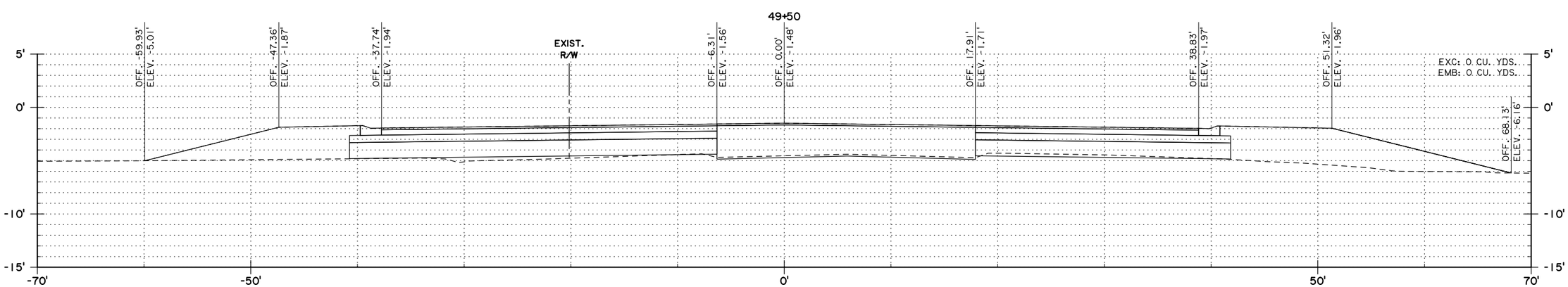






SHEET NUMBER	422
PARISH	PLAQUEMINES
CONTROL SECTION	838-06, 000-38
STATE PROJECT	H.008220
DESIGN	J. RAYER
CHECK	M. LEBAS
DETAIL	J. RAYER
CHECK	M. LEBAS
REVIEW	
SERIES #	

98% FINAL PLANS

PRELIMINARY
FOR REVIEW ONLY

ENGINEER: JOHN RAYER

LICENSE #: 47089

DATE: 5/15/2025

NO.	DATE	REVISION OR CHANGE ORDER DESCRIPTION	BY

STATE OF LOUISIANA

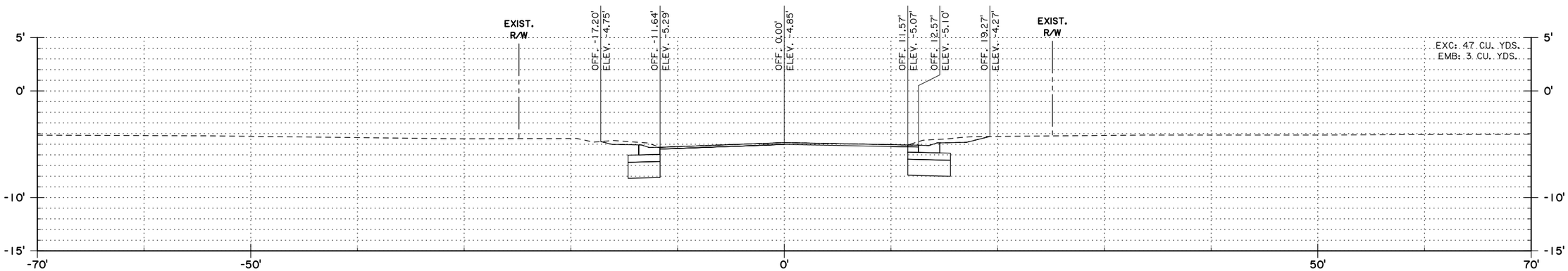
CROSS SECTIONS
KEATING DR.

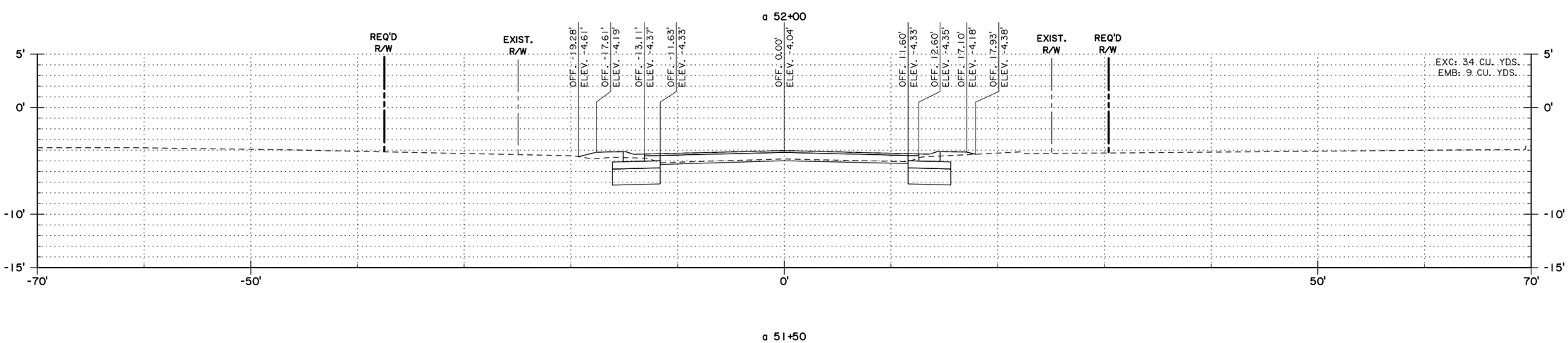
LA 406: ROUNDABOUT AT FE HEBERT

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

ROAD DESIGN

98% FINAL PLANS





℄ 52+00

℄ 51+50

SHEET NUMBER	423
PARISH	PLAQUEMINES
CONTROL SECTION	838-06, 000-38
STATE PROJECT	H.008220

DESIGN	J. RAYER
CHECK	M. LEBAS
DETAIL	J. RAYER
CHECK	M. LEBAS
REVIEW	
SERIES #	

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STATE OF LOUISIANA

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KEATING DR.

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DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

ROAD DESIGN