13:01
30-SEP-2022

INDEX TO SHEETS

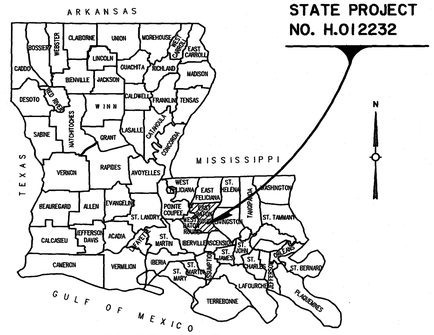
SHEET NO.	DESCRIPTION
1	TITLE SHEET & LAYOUT MAP
1a	INDEX TO SHEETS

DIJON DRIVE EXTENSION TO BE NAMED CONSTANTIN BLVD. AFTER CONSTRUCTION IS COMPLETE.

STATE OF LOUISIANA
DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT
PLANS OF PROPOSED STATE HIGHWAY

F.A.P. NO. H012232
STATE PROJECT NO. H.012232
LA 3064 TO LA 1248 PHASE II
DIJON DRIVE EXTENSION
EAST BATON ROUGE PARISH

STATE PROJECT NO. H.012232



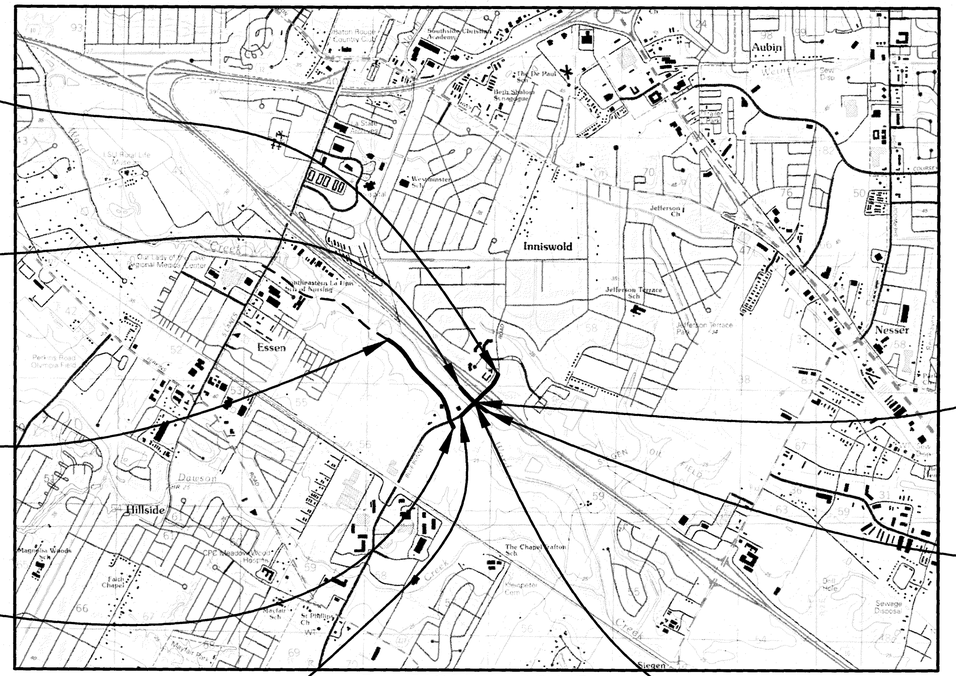
VICINITY MAP

STA. 825+30.00
BLUEBONNET BOULEVARD
C.S. 258-33
LOG MILE 5.943
END CONSTRUCTION

STA. 700+21.55
I-10 EASTBOUND EXIT RAMP
C.S. 450-10
LOG MILE 7.237
BEGIN CONSTRUCTION

STA. 133+50.00
DIJON DRIVE EXTENSION
BEGIN PROJECT
BEGIN S.P. H.012232

STA. 168+00.00
DIJON DRIVE EXTENSION
END PROJECT
END S.P. H.012232



LAYOUT MAP

SCALE: 1 INCH = 2000 FEET

2000 0 2000 4000 6000

STA. 807+75.00
BLUEBONNET BOULEVARD
C.S. 258-33
LOG MILE 5.611
BEGIN CONSTRUCTION

STA. 705+45.40
I-10 EASTBOUND EXIT RAMP
C.S. 450-10
LOG MILE 7.336
END CONSTRUCTION

STA. 903+28.86
I-10 EASTBOUND ENTRANCE RAMP
C.S. 450-10
LOG MILE 7.398
END CONSTRUCTION

STA. 900+00.00
I-10 EASTBOUND ENTRANCE RAMP
C.S. 450-10
LOG MILE 7.336
BEGIN CONSTRUCTION

BLUEBONNET TRAFFIC DATA
2022 A.D.T. = 46,700
2042 A.D.T. = 51,000
D = 61 %
K = 8 %
T = 2 %

DIJON TRAFFIC DATA
2022 A.D.T. = 6,100
2042 A.D.T. = 6,700
D = 67 %
K = 8 %
T = 2 %

DESIGN SPEED:
DIJON DRIVE EXTENSION = 40 MPH
BLUEBONNET BOULEVARD = 40 MPH
POSTED SPEED:
DIJON DRIVE EXTENSION = 40 MPH
BLUEBONNET BOULEVARD = 40 MPH
DESIGN CLASSIFICATION:
DIJON DRIVE EXTENSION = URBAN COLLECTOR
BLUEBONNET BOULEVARD = URBAN ARTERIAL

TYPE OF CONSTRUCTION

EARTHWORK, GRADING, PCCP, ASPHALT CONCRETE PAVEMENT, DRAINAGE STRUCTURES, SIGNING, STRIPING, TRAFFIC SIGNALS, SANITARY SEWER FORCE MAIN, GRAVITY SEWER & ROADWAY LIGHTING.

DATUMS USED:
HORIZONTAL: NAD (1983)
VERTICAL: NAVD 1988
(GEOID 12B)
TRANSIT BOOKS: N/A
LEVEL BOOKS: N/A

DATE	REVISION	DATE	RECOMMENDED	DATE	APPROVED

SCHEDULE OF REVISIONS

NOTE:
THE 2016 EDITION OF THE LOUISIANA DOTD STANDARD SPECIFICATIONS FOR ROADS AND BRIDGES INCLUDING THE LATEST SUPPLEMENTAL SPECIFICATIONS, AS AMENDED BY THE PROJECT SPECIFICATIONS, SHALL GOVERN ON THIS PROJECT.

STATE OF LOUISIANA
GARY D. HEITMAN
REG. No. 24670
REGISTERED
PROFESSIONAL ENGINEER
IN
2/1/2023

PREPARED AND RECOMMENDED FOR APPROVAL
STANTEC CONSULTING SERVICES INC. — DATE: Feb. 1, 2023

APPROVED
EBRP DIRECTOR OF TRANSPORTATION AND DRAINAGE — DATE: 2-3-2023

APPROVED
LA DOTD CHIEF ENGINEER — DATE: 3/9/2023

LENGTH AND LOCATION OF WORK

CONTROL SECTION	ROUTE	STATION BEGIN	STATION END	LOGMILE BEGIN	LOGMILE END	ALGEBRAIC SUM OF ALL EQUATIONS	GROSS LENGTH	EXCEPTION	BRIDGE LENGTH FEET	BRIDGE LENGTH MILES	ROADWAY LENGTH FEET	ROADWAY LENGTH MILES
000-17	DIJON DRIVE EXTENSION	133+50.00	168+00.00				3450.00				3450.00	0.654
258-33	BLUEBONNET BOULEVARD	807+75.00	825+30.00	5.611	5.943		1755.00				1755.00	0.332
450-10	I-10 EXIT RAMP	700+21.55	705+45.40	7.237	7.336		523.85				523.85	0.099
450-10	I-10 ENTRANCE RAMP	900+00.00	903+28.86	7.336	7.398		328.86				328.86	0.062
TOTAL LENGTH OF BRIDGES												
TOTAL LENGTH OF ROADWAY											6057.71	1.147
TOTAL MILES											1.147	

SHEET NUMBER 1
PARISH: EAST BATON ROUGE
CONTROL SECTION: 000-17, 258-33, 450-10
STATE PROJECT: H.012232
DESIGNED GDH CHECKED CMH
DETAILED TW CHECKED MFB
SERIES NUMBER 1 OF 1
REVISION OR CHANGE ORDER DESCRIPTION | DATE | NO. | BY

TITLE SHEET & LAYOUT MAP
LA 3064 TO LA 1248 PHASE II

DOTD Stantec

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INDEX TO SHEETS

SHEET NO.	DESCRIPTION
1	TITLE SHEET & LAYOUT MAP
1a	INDEX TO SHEETS
2 - 2h	TYPICAL SECTIONS & DETAILS
3 - 3e	SUMMARY OF ESTIMATED QUANTITIES
3f - 3j	SUMMARY OF ESTIMATED QUANTITIES
4 - 25	PLAN & PROFILE SHEETS W/DRAINAGE
26	EXISTING DRAINAGE MAP
27 - 29	DESIGN DRAINAGE MAP
30 - 34	SUMMARY OF DRAINAGE STRUCTURES
35 - 36	OVERALL GEOMETRIC LAYOUT
37 - 38	GEOMETRIC DETAILS (DRIVEWAYS)
39	GRAPHICAL GRADES AND JOINT LAYOUT
40 - 49	STRIPING AND SIGNING LAYOUT
50	SIGN SUMMARY
51 - 59	SUGGESTED SEQUENCE OF CONSTRUCTION
101 - 117	SIGNAL PLANS
121 - 127	RIGHT OF WAY MAPS
140 - 157	LIGHTING PLANS
170 - 176	BORING LOG SHEETS
180 - 198	SANITARY SEWER GRAVITY & FORCE MAIN PLAN & PROFILE SHEETS

SPECIAL DETAILS	
201	CB-2TOP02
202	CB-CAP
203	LD-01
204	LD-02
205	SHOULDER UNDERDRAINS (NEW CONSTR.)
206-219	TRAFFIC SIGNAL DETAILS (TSD-00 thru TSD-13)
220-235	OVERHEAD TRAFFIC SIGNS

STANDARD PLAN		REV. DATE
300 - 301	BM-01	11-16-21
302	CB-ADJUST	10-30-19
303	CB-01	11-02-00
304	CB-06	11-02-00
305	CB-07	11-02-00
306	CB-08	10-07-10
307	CB-09	10-07-10
308 - 310	CP-01	10-13-21
311 - 313	DW-01	08-04-22
314 - 315	EC-01	10-01-08
316	FN-01	11-03-11
317 - 318	FN-02	11-03-11
319 - 324	MC-01	05-25-18
325	MH-06	05-18-11
326	PC-01	07-26-21
327 - 331	PED-01	07-21-22
332	PM-01	02-28-19
333	PM-02	02-28-19
334	PM-04	02-28-19
335	PM-05	02-28-19
336	PM-08	02-28-19
337	RM-01	02-01-21
338 - 354	ROADSIDE SIGNING	07-01-22
355 - 356	SAM-1	10-05-05
357 - 360	TTC-00(A-D)	07-02-18
361	TTC-01	07-02-18
362	TTC-02	07-02-18
363	TTC-09	07-02-18
364	TTC-18	07-02-18
365	TTC-19	07-02-18

CITY PARISH STANDARD PLAN	
366	FRAMES, GRATES, & COVERS FOR INLETS & MANHOLES (1 OF 3)(702-99)
367	FRAMES, GRATES, & COVERS FOR INLETS & MANHOLES (2 OF 3)(702-99)
368	FRAMES, GRATES, & COVERS FOR INLETS & MANHOLES (3 OF 3)(702-99)
369	BEDDING AND BACKFILL DETAILS FOR SANITARY SEWER PIPE, FORCE MAINS AND SERVICE LINES (801-01)
370	SANITARY SEWER PIPE CO DETAILS (1 OF 2)(802-01)
371	SANITARY SEWER PIPE CO DETAILS (2 OF 2)(802-01)
372	SANITARY SEWER MANHOLES (1 OF 4)(803-01)
373	SANITARY SEWER MANHOLES (2 OF 4)(803-01)
374	SANITARY SEWER MANHOLES (3 OF 4)(803-01)
375	FORCE MAIN DETAILS (1 OF 3)(804-01)
376	FORCE MAIN DETAILS (2 OF 3)(804-01)
377	FORCE MAIN DETAILS (3 OF 3)(804-01)
378	GENERAL NOTES (1 OF 1)(906-01)
379	MAST ARM TYPICAL LAYOUT (1 OF 6)(906-02)
380	MAST ARM SIGN AND SIGNAL MOUNT DETAILS (2 OF 6)(906-02)
381	SIGNAL POLE FOUNDATION DETAILS (GENERAL INFORMATION) (1 OF 4)(906-04)
382	SIGNAL POLE FOUNDATION DETAILS (SINGLE MAST ARMS) (2 OF 4)(906-04)

401 - 421 CROSS SECTIONS

TOTAL SHEETS = 285

STATE OF LOUISIANA
MARY FRANCES BRATTON
REG. No. 41444
REGISTERED
PROFESSIONAL ENGINEER
IN
CIVIL ENGINEERING

Mary Bratton
2/1/2023

SHEET NUMBER 1a

PARISH	CONTROL SECTION	STATE PROJECT
EAST BATON ROUGE	000-17, 258-33, 450-10	H.012232

DESIGNED	DETAILED	SERIES NUMBER
MFB	HLP	1
CHECKED	CHECKED	OF
GDH	MFB	1

NO.	DATE	REVISION OR CHANGE ORDER DESCRIPTION	BY

STATE OF LOUISIANA DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT

INDEX TO SHEETS

LA 3064 TO LA 1248 PHASE II

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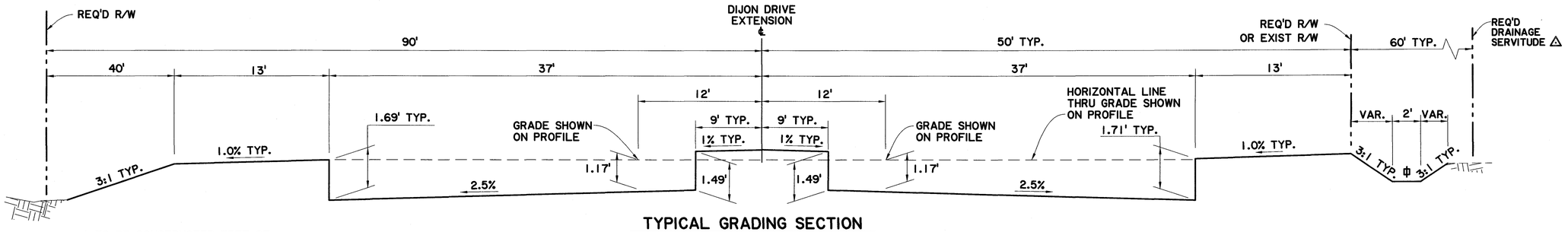


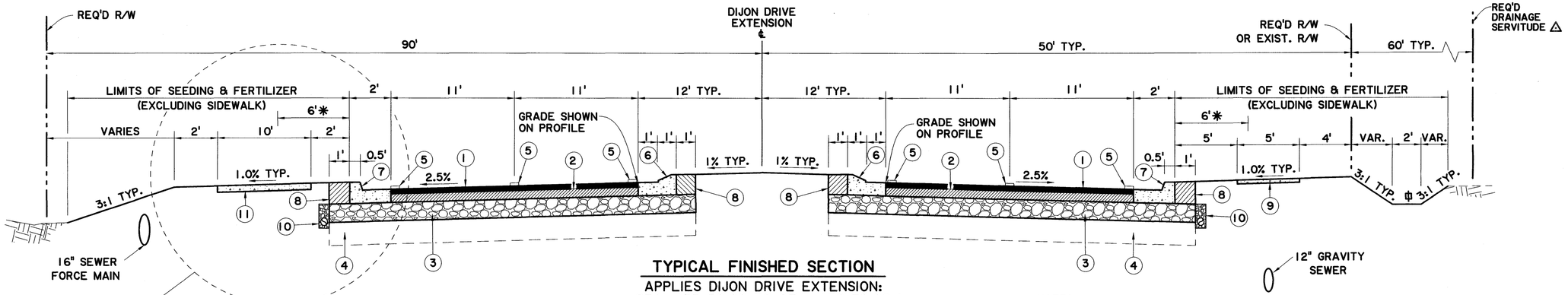
TYPICAL GRADING SECTION

APPLIES DIJON DRIVE EXTENSION:
STA. 133+50.00 TO STA. 136+76.00
STA. 140+50.00 TO STA. 143+01.00
STA. 146+45.00 TO STA. 154+01.00
STA. 157+45.41 TO STA. 158+41.04
N.T.S.

✱ TO BE CONSTRUCTED FREE OF STRUCTURES AND OBSTRUCTIONS.

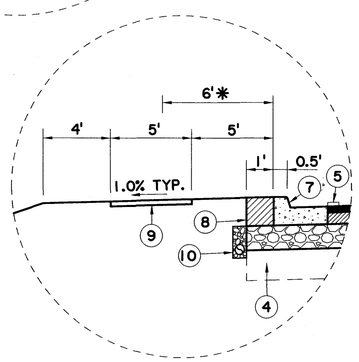
ϕ FOR DITCH LOCATIONS SEE DITCH PROFILES ON PLAN AND PROFILE SHEETS

△ REQ'D DRAIN. SERVITUDE & DITCH ARE NOT APPLICABLE FROM STA. 133+50 TO STA. 136+76.



TYPICAL FINISHED SECTION

APPLIES DIJON DRIVE EXTENSION:
STA. 133+50.00 TO STA. 136+76.00 △
STA. 140+50.00 TO STA. 143+01.00
STA. 146+45.00 TO STA. 154+01.00
STA. 157+45.41 TO STA. 158+41.04
N.T.S.



HALF SECTION

APPLIES:
STA. 140+50 TO STA. 143+01
STA. 146+45 TO STA. 154+01
STA. 157+45.41 TO STA. 158+41.04
N.T.S.

LEGEND - DIJON DRIVE EXTENSION

1. 2" ASPHALT CONCRETE WEARING COURSE, LEVEL 2F
2. 4" ASPHALT CONCRETE BINDER COURSE, LEVEL 2
3. 8" CLASS II BASE COURSE (CRUSHED STONE)
4. TYPE E LIME TREATMENT, 9% BY VOLUME, 12" THICK (IN AREAS OF CUT OR AT GRADE)
5. PAVEMENT MARKERS AND / OR STRIPING
6. CONCRETE CURB & GUTTER (4" MOUNTABLE)
7. CONCRETE CURB & GUTTER (6" BARRIER)
8. EMBANKMENT MATERIAL (PAY ITEM 203-03-00100)
9. 4" CONCRETE WALK
10. SHOULDER UNDERDRAIN SYSTEM (OUTFALL TO SUBSURFACE DRAINAGE SYSTEM)
11. 6" CONCRETE WALK

NOTES:

1. FOR GEOMETRIC DETAILS OF ROADWAY AND MEDIAN NOSES, SEE PLAN & PROFILE SHEETS.
2. FOR ADDITIONAL DETAILS OF CONCRETE PAVEMENT AND CURB & GUTTER DETAILS, SEE STANDARD PLAN CP-01.
3. REFER TO SANITARY SEWER GRAVITY & FORCE MAIN PLAN AND PROFILE SHEETS FOR EXACT LOCATIONS AND ADDITIONAL INFORMATION ABOUT THE PROPOSED SEWER LINES.
4. THE SECTION TO BE USED AT ANY PARTICULAR LOCATION SHALL BE AS SHOWN ON CROSS SECTIONS UNLESS DIRECTED OTHERWISE BY THE PROJECT ENGINEER AND APPROVED BY DOTD.
5. THIS PROJECT FALLS WITHIN A DUST SENSITIVE AREA. THE CONTRACTOR SHALL FOLLOW THE 2016 EDITION OF THE LA DOTD STANDARD SPECS FOR DUST ABATEMENT MEASURES.

STATE OF LOUISIANA
MARY FRANCES BRATTON
REG. No. 41444
REGISTERED PROFESSIONAL ENGINEER
IN CIVIL ENGINEERING
Mary Bratton
2/1/2023

SHEET NUMBER 2
PARISH: EAST BATON ROUGE
CONTROL SECTION: 000-17
STATE PROJECT: H.012232
DESIGNED: MFB
CHECKED: JC
DETAILED: TW
CHECKED: MFB
SERIES NUMBER: 1 OF 9
REVISION OR CHANGE ORDER DESCRIPTION | BY | NO. | DATE

TYPICAL SECTIONS & DETAILS

LA 3064 TO LA 1248 PHASE II

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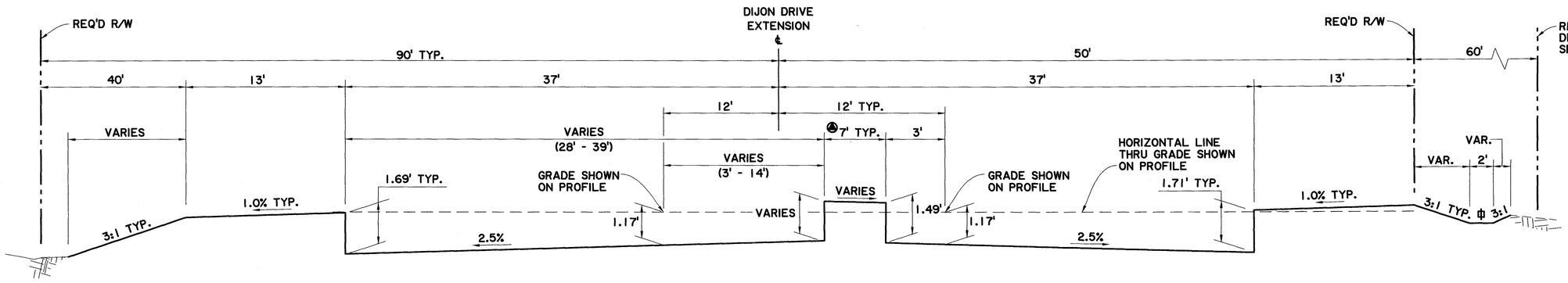


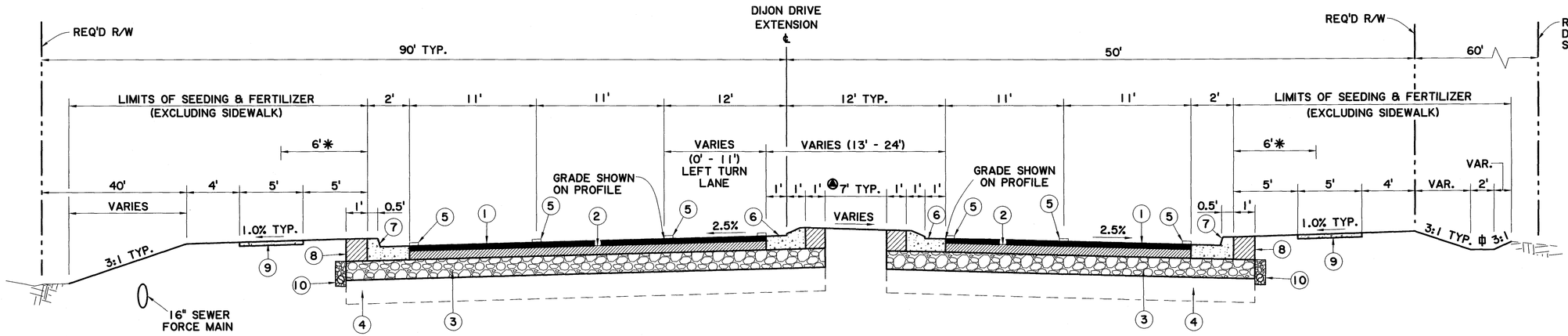
TYPICAL GRADING SECTION

APPLIES DIJON DRIVE EXTENSION:
STA. 136+76.00 TO STA. 140+50.00
STA. 143+01.00 TO STA. 146+45.00
STA. 154+01.00 TO STA. 157+45.51
N.T.S.

⚠ STA. 139+50.00 TO STA. 140+50.00,
STA. 145+45.00 TO STA. 146+45.00, &
STA. 156+45.00 TO STA. 157+45.51
VARIES FROM 7' TO 18'.
GRADE MEDIAN TO CROWN AT CENTERLINE.

✱ TO BE CONSTRUCTED FREE OF STRUCTURES AND OBSTRUCTIONS.

ϕ FOR DITCH LOCATIONS SEE DITCH PROFILES ON PLAN AND PROFILE SHEETS



LEGEND - DIJON DRIVE EXTENSION

1. 2" ASPHALT CONCRETE WEARING COURSE, LEVEL 2F
2. 4" ASPHALT CONCRETE BINDER COURSE, LEVEL 2
3. 8" CLASS II BASE COURSE (CRUSHED STONE)
4. TYPE E LIME TREATMENT, 9% BY VOLUME, 12" THICK (IN AREAS OF CUT OR AT GRADE)
5. PAVEMENT MARKERS AND / OR STRIPING
6. CONCRETE CURB & GUTTER (4" MOUNTABLE)
7. CONCRETE CURB & GUTTER (6" BARRIER)
8. EMBANKMENT MATERIAL (PAY ITEM 203-03-00100)
9. 4" CONCRETE WALK
10. SHOULDER UNDERDRAIN SYSTEM (OUTFALLS TO BE STUBBED INTO SUBSURFACE DRAINAGE SYSTEM)

TYPICAL FINISHED SECTION

APPLIES DIJON DRIVE EXTENSION:
STA. 136+76.00 TO STA. 140+50.00
STA. 143+01.00 TO STA. 146+45.00
STA. 154+01.00 TO STA. 157+45.51
N.T.S.

NOTES:
1. FOR GEOMETRIC DETAILS OF ROADWAY AND MEDIAN NOSES, SEE PLAN & PROFILE SHEETS.
2. FOR ADDITIONAL DETAILS OF CONCRETE PAVEMENT AND CURB & GUTTER DETAILS, SEE STANDARD PLAN CP-01.
3. REFER TO SANITARY SEWER GRAVITY & FORCE MAIN PLAN AND PROFILE SHEETS FOR EXACT LOCATIONS AND ADDITIONAL INFORMATION ABOUT THE PROPOSED SEWER LINES.
4. THE SECTION TO BE USED AT ANY PARTICULAR LOCATION SHALL BE AS SHOWN ON CROSS SECTIONS UNLESS DIRECTED OTHERWISE BY THE PROJECT ENGINEER AND APPROVED BY DOTD.
5. THIS PROJECT FALLS WITHIN A DUST SENSITIVE AREA. THE CONTRACTOR SHALL FOLLOW THE 2016 EDITION OF THE LA DOTD STANDARD SPECS FOR DUST ABATEMENT MEASURES.

STATE OF LOUISIANA
MARY FRANCES BRATTON
REG. No. 41444
REGISTERED PROFESSIONAL ENGINEER
IN
CIVIL ENGINEERING
Mary Bratton
2/1/2023

SHEET NUMBER 2a
PARISH: EAST BATON ROUGE
CONTROL SECTION: 000-17
STATE PROJECT: H.012232
DESIGNED MFB
CHECKED JC
DETAILED TW
CHECKED MFB
SERIES NUMBER 2 OF 9
NO. | DATE | REVISION OR CHANGE ORDER DESCRIPTION | BY

TYPICAL SECTIONS & DETAILS
LA 3064 TO LA 1248 PHASE II

DOTD
Stantec

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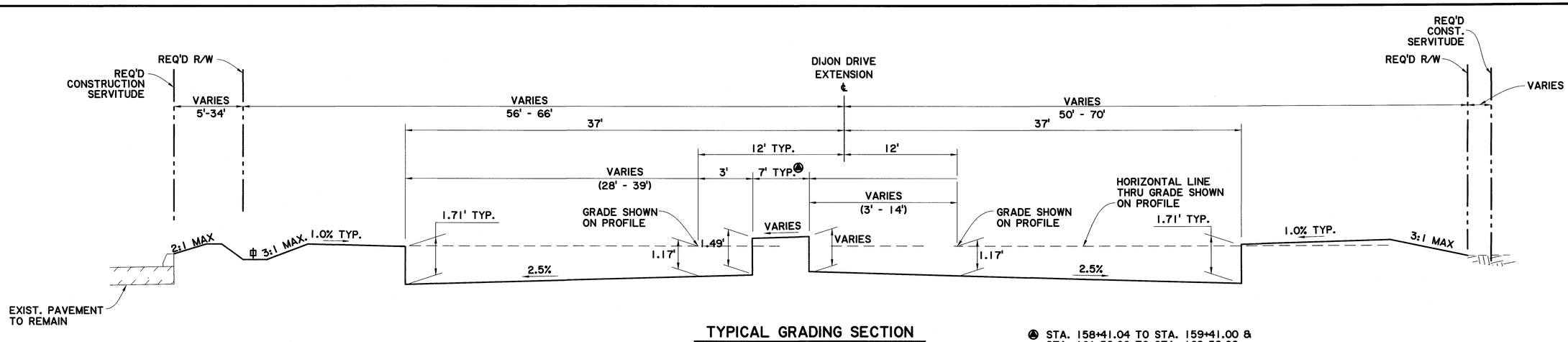


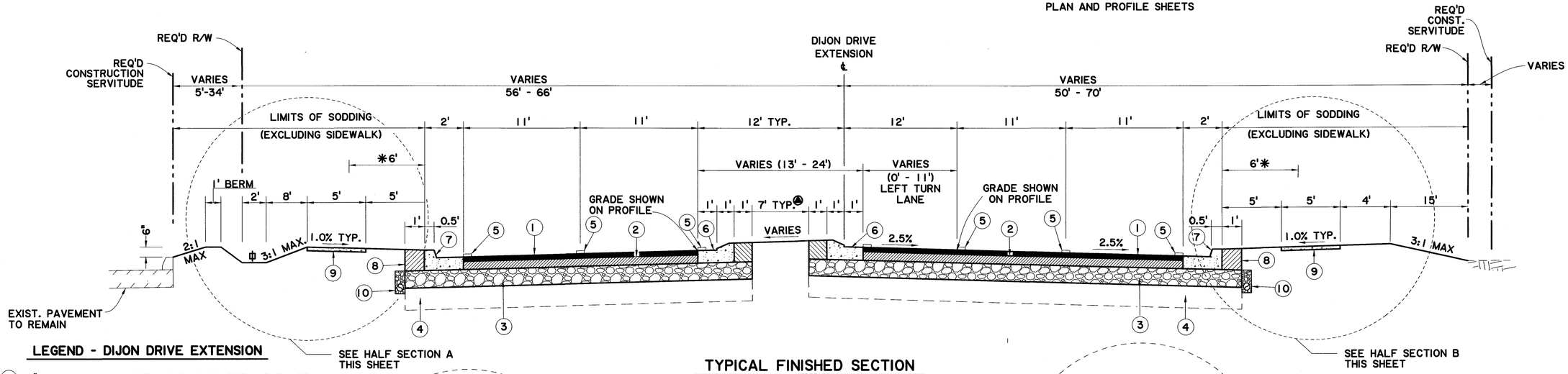
TYPICAL GRADING SECTION

APPLIES DIJON DRIVE EXTENSION:
STA. 158+41.04 TO STA. 164+57.41
N.T.S.

④ STA. 158+41.04 TO STA. 159+41.00 &
STA. 161+58.00 TO STA. 162+58.00
VARIES FROM 7' TO 18'.
STA. 160+92.00 TO STA. 161+58.00 WIDTH IS 18'
GRADE TO CROWN AT THE CENTERLINE.

✱ TO BE CONSTRUCTED FREE OF STRUCTURES AND OBSTRUCTIONS.

Φ FOR DITCH LOCATIONS SEE DITCH PROFILES ON PLAN AND PROFILE SHEETS

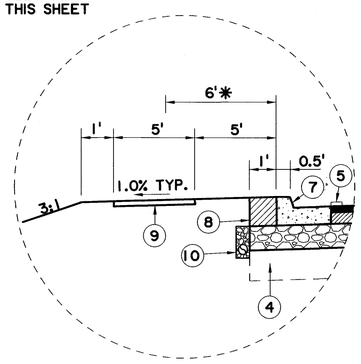


LEGEND - DIJON DRIVE EXTENSION

(1) 2" ASPHALT CONCRETE WEARING COURSE, LEVEL 2F
(2) 4" ASPHALT CONCRETE BINDER COURSE, LEVEL 2
(3) 8" CLASS II BASE COURSE (CRUSHED STONE)
(4) TYPE E LIME TREATMENT, 9% BY VOLUME, 12" THICK (IN AREAS OF CUT OR AT GRADE)
(5) PAVEMENT MARKERS AND / OR STRIPING
(6) CONCRETE CURB & GUTTER (4" MOUNTABLE)
(7) CONCRETE CURB & GUTTER (6" BARRIER)
(8) EMBANKMENT MATERIAL (PAY ITEM 203-03-00100)
(9) 4" CONCRETE WALK
(10) SHOULDER UNDERDRAIN SYSTEM (OUTFALLS TO BE STUBBED INTO SUBSURFACE DRAINAGE SYSTEM)
(11) 6" INTEGRAL CURB

TYPICAL FINISHED SECTION

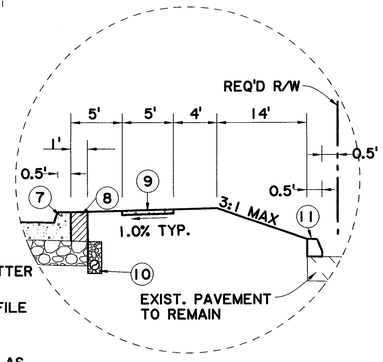
APPLIES DIJON DRIVE EXTENSION:
STA. 158+41.04 TO STA. 164+57.41
N.T.S.



HALF SECTION A

APPLIES:
STA. 158+41.04 TO STA. 160+78.00
AND STA. 160+45.00 TO STA. 164+57.41
N.T.S.

NOTES:
1. FOR GEOMETRIC DETAILS OF ROADWAY AND MEDIAN NOSES, SEE PLAN & PROFILE SHEETS.
2. FOR ADDITIONAL DETAILS OF CONCRETE PAVEMENT AND CURB & GUTTER DETAILS, SEE STANDARD PLAN CP-01.
3. REFER TO SANITARY SEWER GRAVITY & FORCE MAIN PLAN AND PROFILE SHEETS FOR LOCATIONS AND ADDITIONAL INFORMATION ABOUT THE PROPOSED SEWER LINES.
4. THE SECTION TO BE USED AT ANY PARTICULAR LOCATION SHALL BE AS SHOWN ON CROSS SECTIONS UNLESS DIRECTED OTHERWISE BY THE PROJECT ENGINEER AND APPROVED BY DOTD.
5. THIS PROJECT FALLS WITHIN A DUST SENSITIVE AREA. THE CONTRACTOR SHALL FOLLOW THE 2016 EDITION OF THE LA DOTD STANDARD SPECS FOR DUST ABATEMENT MEASURES.



HALF SECTION B

APPLIES:
STA. 162+93 TO STA. 164+69
N.T.S.

STATE OF LOUISIANA
MARY FRANCES BRATTON
REG. No. 41444
REGISTERED
PROFESSIONAL ENGINEER
IN
CIVIL ENGINEERING

Mary Bratton
9/23/2022

SHEET NUMBER	2b
PARISH	EAST BATON ROUGE
CONTROL SECTION	000-17
STATE PROJECT	H.012232
DESIGNED	MFB
CHECKED	JC
DETAILED	TW
CHECKED	MFB
SERIES NUMBER	3 OF 9

NO.	DATE	REVISION OR CHANGE ORDER DESCRIPTION	BY

TYPICAL SECTIONS & DETAILS

LA 3064 TO LA 1248 PHASE II

DOTD Stantec

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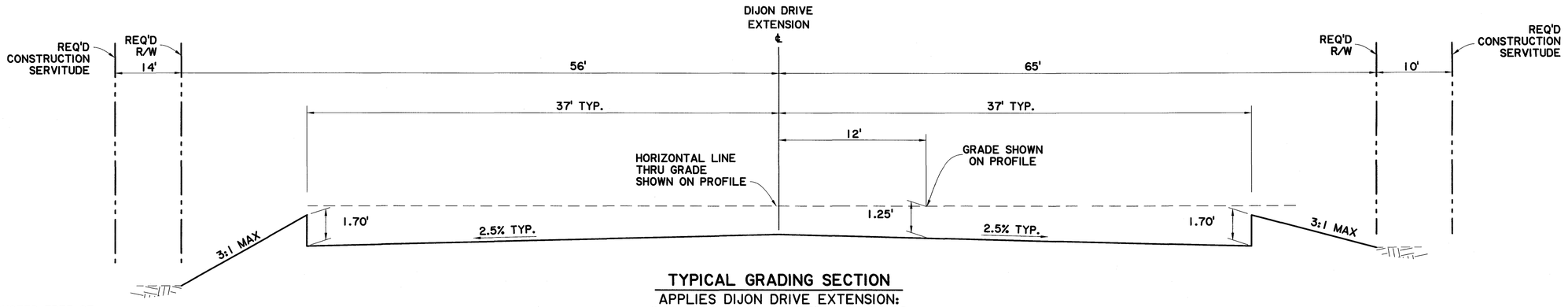
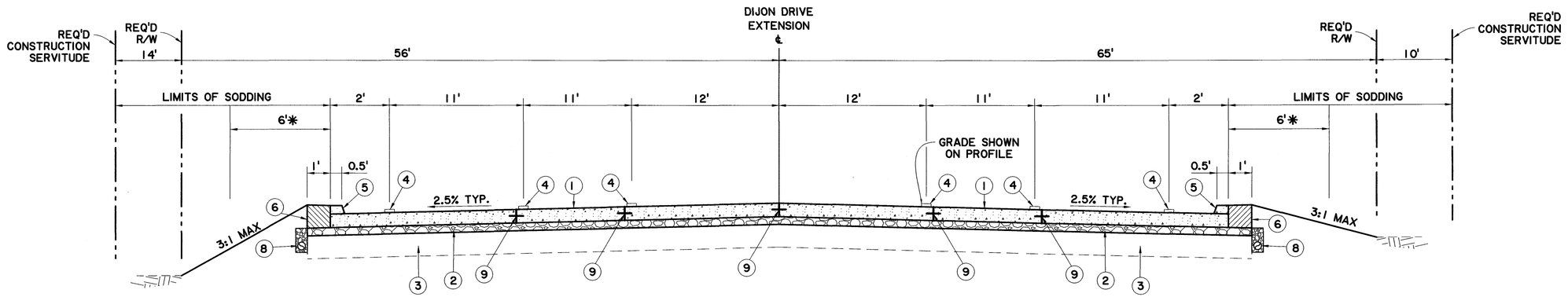


TYPICAL GRADING SECTION

APPLIES DIJON DRIVE EXTENSION:
STA. 164+57.41 TO STA. 165+06.98
N.T.S.

✱ TO BE CONSTRUCTED FREE OF STRUCTURES AND OBSTRUCTIONS.

SEE GRAPHICAL GRADE SHEET FOR ADDITIONAL PAVEMENT INFORMATION



TYPICAL FINISHED SECTION

APPLIES DIJON DRIVE EXTENSION:
STA. 164+57.41 TO STA. 165+06.98
N.T.S.

LEGEND - DIJON DRIVE EXTENSION

(1) 9" PORTLAND CEMENT CONCRETE PAVEMENT
(2) 6" CLASS II BASE COURSE (CRUSHED STONE OR RECYCLED PCC)
(3) TYPE E LIME TREATMENT, 9% BY VOLUME, 8" THICK (IN AREAS OF CUT OR AT GRADE)
(4) PAVEMENT MARKERS AND/OR STRIPING
(5) INTEGRAL CONCRETE CURB (6" BARRIER) (SEE NOTE 4)
(6) EMBANKMENT MATERIAL (PAY ITEM 203-03-00100)
(7) 4" CONCRETE WALK
(8) SHOULDER UNDERDRAIN SYSTEM (OUTFALLS TO BE STUBBED INTO SUBSURFACE DRAINAGE SYSTEM)
(9) LONGITUDINAL JOINT

NOTES:

1. FOR GEOMETRIC DETAILS OF ROADWAY, SEE PLAN & PROFILE SHEETS.
2. FOR STRIPING DETAILS OF ROADWAY, SEE SIGNING AND STRIPING SHEETS.
3. REFER TO JOINT LAYOUT SHEET FOR JOINT LOCATIONS.
4. FOR ADDITIONAL DETAILS OF CONCRETE PAVEMENT AND BARRIER CURBS, SEE STANDARD PLAN CP-01.
5. THE SECTION TO BE USED AT ANY PARTICULAR LOCATION SHALL BE AS SHOWN ON CROSS SECTIONS UNLESS DIRECTED OTHERWISE BY THE PROJECT ENGINEER AND APPROVED BY DOTD.
6. THIS PROJECT FALLS WITHIN A DUST SENSITIVE AREA. THE CONTRACTOR SHALL FOLLOW THE 2016 EDITION OF THE LA DOTD STANDARD SPECS FOR DUST ABATEMENT MEASURES.

STATE OF LOUISIANA
MARY FRANCES BRATTON
REG. No. 41444
REGISTERED PROFESSIONAL ENGINEER
IN
CIVIL ENGINEERING

Mary Bratton
9/23/2022

SHEET NUMBER 2c
PARISH: EAST BATON ROUGE
CONTROL SECTION: 000-17
STATE PROJECT: H.012232
DESIGNED: MFB
CHECKED: JC
DETAILED: TW
CHECKED: MFB
SERIES NUMBER: 4 OF 9
NO. | DATE | REVISION OR CHANGE ORDER DESCRIPTION | BY

TYPICAL SECTIONS & DETAILS
LA 3064 TO LA 1248 PHASE II

DOTD | Stantec

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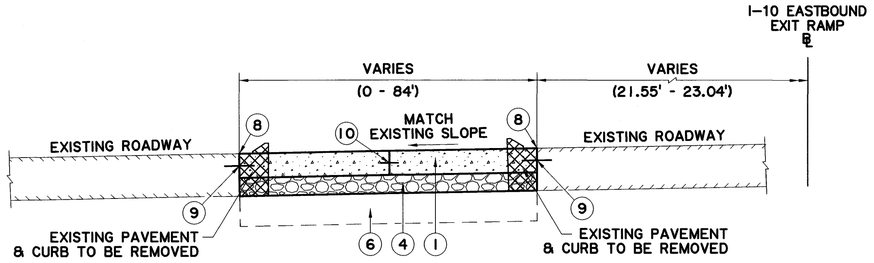
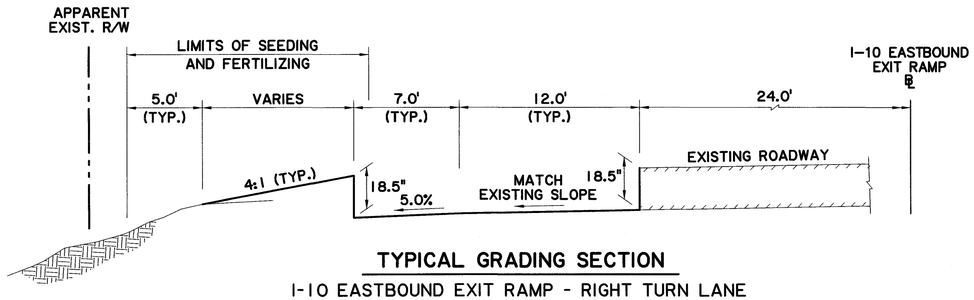


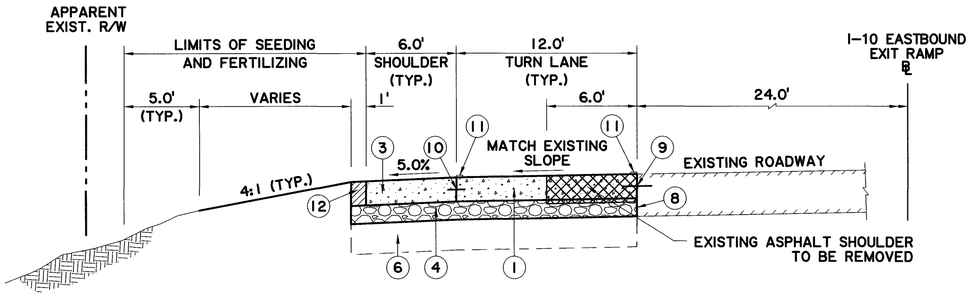
TYPICAL FINISHED SECTION

I-10 EASTBOUND EXIT RAMP - ISLAND SECTION
STA. 700+21.55 TO STA. 700+85.27
N.T.S.



TYPICAL GRADING SECTION

I-10 EASTBOUND EXIT RAMP - RIGHT TURN LANE
STA. 701+03.70 TO STA. 704+65.00
N.T.S.



TYPICAL FINISHED SECTION

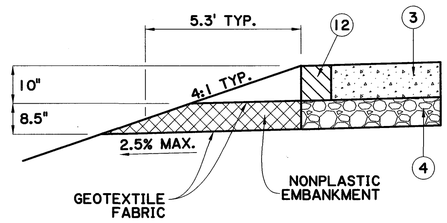
I-10 EASTBOUND EXIT RAMP - RIGHT TURN LANE
STA. 701+03.70 TO STA. 704+65.00
N.T.S.

LEGEND - I-10 EASTBOUND EXIT RAMP

1. 10" PORTLAND CEMENT CONCRETE PAVEMENT
2. 8" PORTLAND CEMENT CONCRETE PAVEMENT (NOT USED THIS SHEET)
3. 10" PORTLAND CEMENT CONCRETE SHOULDER
4. 8 1/2" CLASS II BASE COURSE (CRUSHED STONE OR RECYCLED PCCP)
5. 6" STONE BASE COURSE (CRUSHED STONE OR RECYCLED PORTLAND CEMENT CONCRETE) (NOT USED THIS SHEET)
6. TYPE E LIME TREATMENT, 9% BY VOLUME, 12" THICK (IN AREAS OF CUT OR AT GRADE)
7. 6" INCIDENTAL CONCRETE PAVING (NOT USED THIS SHEET)
8. FULL DEPTH SAWCUT
9. LONGITUDINAL BUTT JOINT (LBJ)
10. LONGITUDINAL CONSTRUCTION JOINT (LCJ)
11. PAVEMENT MARKERS AND/OR STRIPING
12. EMBANKMENT MATERIAL (TO BE INCLUDED IN PAY ITEM NO. 203-03-00100.)
13. INTEGRAL CURB (4" MOUNTABLE) (NOT USED THIS SHEET)

NOTES:

1. MATCH EXISTING TRANSVERSE JOINTS.
2. SEE STRIPING AND SIGNING SHEET FOR PERMANENT STRIPING LAYOUT.
3. FOR GEOMETRIC DETAILS OF ROADWAY, SEE PLAN SHEETS.
4. NEW RAMP PAVEMENT WIDENING MATCHES EXISTING RAMP TYPICAL SECTION FROM S.P. NO. 450-10-0151.
5. SEE SHEETS 416-418 FOR CROSS SECTIONS.



PERMEABLE BASE DRAIN

1. REQUIRED PERMEABLE BASE DRAINS CONSIST OF EXTENSION OF GEOTEXTILE FABRIC AND NONPLASTIC EMBANKMENT (STONE) AT SAG LOCATIONS AND AT 100' (TYP.) INTERVALS OR AS DIRECTED BY THE PROJECT ENGINEER. WIDTH OF DRAIN IS 10 FEET.
2. SEE PERMEABLE BASEDRAIN TABLE ON SUMMARY OF ESTIMATED QUANTITY SHEETS FOR SUGGESTED SPACING AND PAY ITEM TOTALS.

STATE OF LOUISIANA
DENNIS M. PASSMAN
REG. No. 27987
REGISTERED
PROFESSIONAL ENGINEER
IN
CIVIL ENGINEERING

Dennis M. Passman
9/23/2022

SHEET NUMBER 2d

PARISH	CONTROL SECTION	STATE PROJECT
EAST BATON ROUGE	450-10	H.012232

DESIGNED	DETAILED	SERIES NUMBER
DMP	DCS	5 OF 9
CHECKED	CHECKED	
CMH	MFB	

NO.	DATE	REVISION OR CHANGE ORDER DESCRIPTION	BY

TYPICAL SECTIONS & DETAILS

LA 3064 TO LA 1248 PHASE II

DOTD

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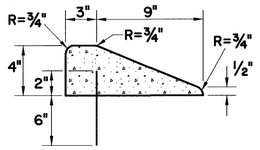


DETAIL OF INTEGRAL

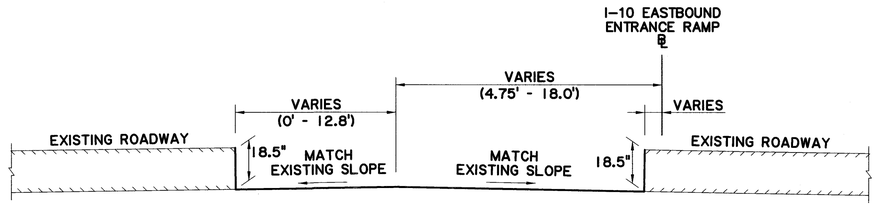
MOUNTABLE CURB (4" HEIGHT)
(N.T.S.)

NOTES:

1. SEE STRIPING AND SIGNING SHEET FOR PERMANENT STRIPING LAYOUT.
2. NEW RAMP PAVEMENT WIDENING MATCHES EXISTING RAMP TYPICAL SECTION FROM S.P. NO. 450-10-0111.
3. FOR GEOMETRIC DETAILS OF ROADWAY, SEE PLAN SHEETS.

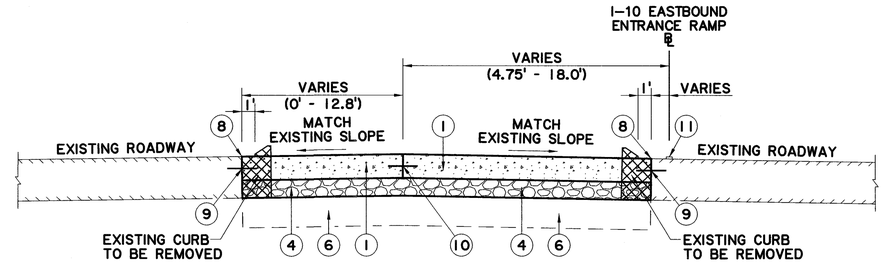
LEGEND - I-10 EASTBOUND ENTRANCE RAMP

(1) 10" PORTLAND CEMENT CONCRETE PAVEMENT
(2) 8" PORTLAND CEMENT CONCRETE PAVEMENT (NOT USED THIS SHEET)
(3) 10" PORTLAND CEMENT CONCRETE SHOULDER (NOT USED THIS SHEET)
(4) 8 1/2" CLASS II BASE COURSE (CRUSHED STONE OR RECYCLED PCCP)
(5) 6" STONE BASE COURSE (CRUSHED STONE OR RECYCLED PORTLAND CEMENT CONCRETE) (NOT USED THIS SHEET)
(6) TYPE E LIME TREATMENT, 9% BY VOLUME, 12" THICK (IN AREAS OF CUT OR AT GRADE)
(7) 6" INCIDENTAL CONCRETE PAVING
(8) FULL DEPTH SAWCUT
(9) LONGITUDINAL BUTT JOINT (LBJ)
(10) LONGITUDINAL CONSTRUCTION JOINT (LCJ)
(11) PAVEMENT MARKERS AND STRIPING
(12) EMBANKMENT MATERIAL (TO BE INCLUDED IN PAY ITEM NO. 203-03-001 00.)
(13) INTEGRAL CURB (4" MOUNTABLE)



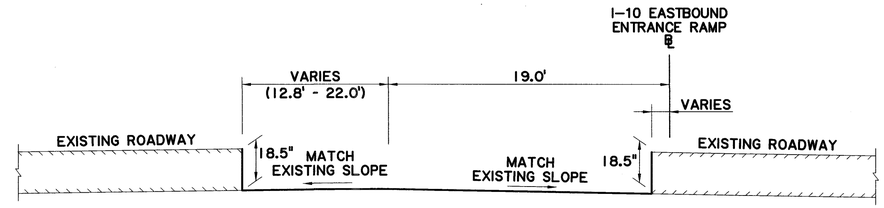
TYPICAL GRADING SECTION

I-10 EASTBOUND ENTRANCE RAMP - ISLAND SECTION
STA. 901+74.68 TO STA. 902+97.95
SCALE: N.T.S.



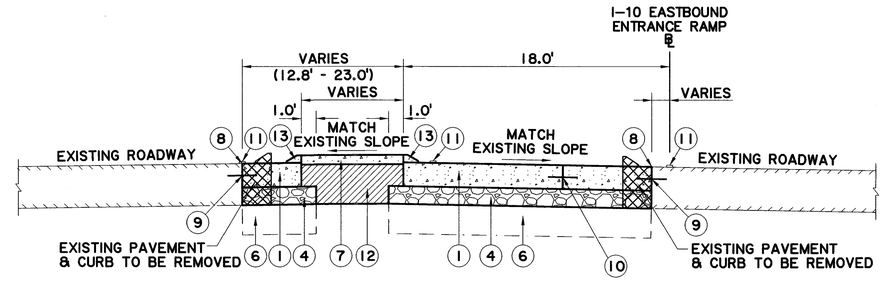
TYPICAL FINISHED SECTION

I-10 EASTBOUND ENTRANCE RAMP - ISLAND SECTION
STA. 901+74.68 TO STA. 902+97.95
SCALE: N.T.S.



TYPICAL GRADING SECTION

I-10 EASTBOUND ENTRANCE RAMP - ISLAND SECTION
STA. 902+97.95 TO STA. 903+28.86
SCALE: N.T.S.



TYPICAL FINISHED SECTION

I-10 EASTBOUND ENTRANCE RAMP - ISLAND SECTION
STA. 902+97.95 TO STA. 903+28.86
SCALE: N.T.S.

SHEET NUMBER	2e
PARISH	EAST BATON ROUGE
CONTROL SECTION	450-10
STATE PROJECT	H.012232
DESIGNED	DMP
CHECKED	CMH
DETAILED	DCS
CHECKED	MFB
SERIES NUMBER	6 OF 9

NO.	DATE	REVISION OR CHANGE ORDER DESCRIPTION	BY

TYPICAL SECTIONS & DETAILS

LA 3064 TO LA 1248 PHASE II

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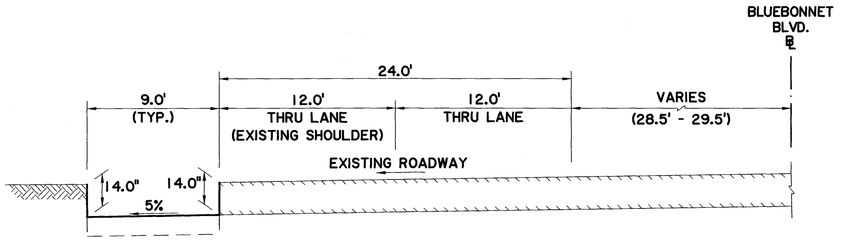
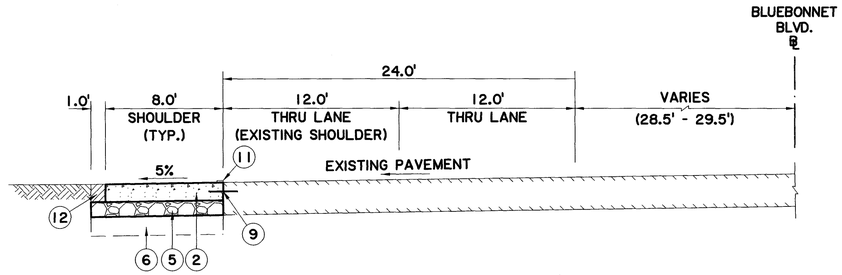


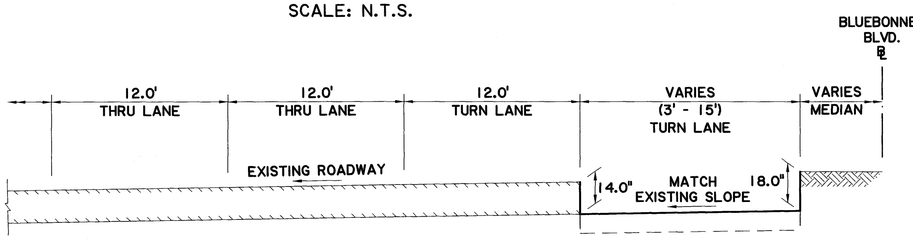
TYPICAL GRADING SECTION

BLUEBONNET BLVD. (SHOULDER)
STA. 813+62.08 TO STA. 817+43.33
SCALE: N.T.S.



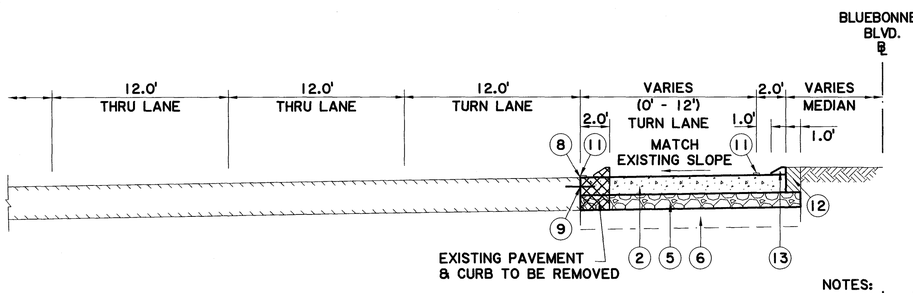
TYPICAL FINISHED SECTION

BLUEBONNET BLVD. (SHOULDER)
STA. 813+62.08 TO STA. 817+43.33
SCALE: N.T.S.



TYPICAL GRADING SECTION

BLUEBONNET BLVD. (LEFT TURN LANE)
STA. 817+78.73 TO STA. 822+98.60
SCALE: N.T.S.

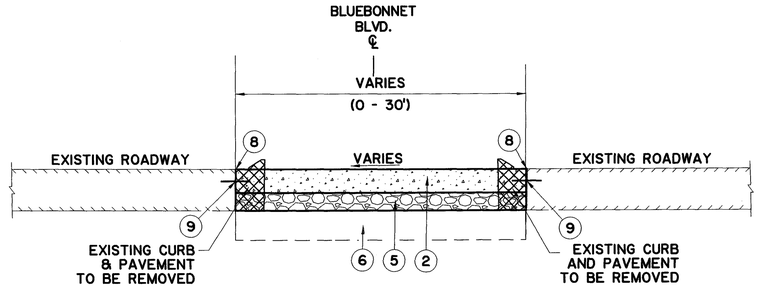


TYPICAL FINISHED SECTION

BLUEBONNET BLVD. (LEFT TURN LANE)
STA. 817+78.73 TO STA. 822+97.61
SCALE: N.T.S.

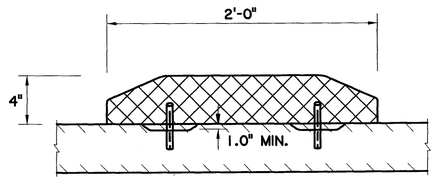
LEGEND-BLUEBONNET BLVD.

1. 10" PORTLAND CEMENT CONCRETE PAVEMENT (NOT USED THIS SHEET)
2. 8" PORTLAND CEMENT CONCRETE PAVEMENT
3. 10" PORTLAND CEMENT CONCRETE SHOULDER (NOT USED THIS SHEET)
4. 8 1/2" CLASS II BASE COURSE (CRUSHED STONE OR RECYCLED PCCP) (NOT USED THIS SHEET)
5. 6" STONE BASE COURSE (CRUSHED STONE OR RECYCLED PORTLAND CEMENT CONCRETE)
6. TYPE E LIME TREATMENT, 9% BY VOLUME, 12" THICK (IN AREAS OF CUT OR AT GRADE)
7. 6" INCIDENTAL CONCRETE PAVING (NOT USED THIS SHEET)
8. FULL DEPTH SAWCUT
9. LONGITUDINAL BUTT JOINT (LBJ)
10. LONGITUDINAL CONSTRUCTION JOINT (LCJ) (NOT USED THIS SHEET)
11. PAVEMENT MARKERS AND STRIPING
12. EMBANKMENT MATERIAL (TO BE INCLUDED IN PAY ITEM NO. 203-03-00100.)
13. INTEGRAL CURB (4" MOUNTABLE)



TYPICAL FINISHED SECTION

BLUEBONNET BLVD. CENTER MEDIAN
STA. 813+14.35 TO STA. 813+31.53
STA. 817+74.46 LT. TO STA. 818+05.89 LT.
SCALE: N.T.S.



REMOVE 4" SEPARATOR CURB.
REMOVE DEFORMED STEEL BARS TO AT LEAST 1.0" BELOW THE SURFACE OF THE EXISTING PAVEMENT.
FILL HOLE FLUSH WITH EXISTING PAVEMENT WITH NON-SHRINK GROUT PER DOTD APPROVED MATERIALS LIST FOR SMOOTH SURFACE.

DETAIL OF SEPARATOR CURB REMOVAL

BLUEBONNET BLVD.
STA. 808+46.15 TO STA. 812+45.29
(N.T.S.)

NOTES:

1. PROPOSED BLUEBONNET BLVD. TYPICAL SECTIONS MATCH EXISTING BLUEBONNET BLVD. TYPICAL SECTIONS FROM THE BLUE CROSS BLUESHIELD OF LOUISIANA, BLUEBONNET CAMPUS EXPANSION PROJECT.
2. SEE STRIPING AND SIGNING SHEET FOR PERMANENT STRIPING LAYOUT.
3. FOR GEOMETRIC DETAILS OF ROADWAY, SEE PLAN SHEETS.

STATE OF LOUISIANA
DENNIS M. PASSMAN
REG. No. 27987
REGISTERED PROFESSIONAL ENGINEER
IN
CIVIL ENGINEERING

Dennis M. Passman
9/23/2022

SHEET NUMBER 2f
PARISH: EAST BATON ROUGE
CONTROL SECTION: 258-33
STATE PROJECT: H.012232
DESIGNED: DMP
CHECKED: CMH
DETAILED: DCS
CHECKED: MFB
SERIES NUMBER: 7 OF 9
REVISION OR CHANGE ORDER DESCRIPTION | NO. | DATE | BY

TYPICAL SECTIONS & DETAILS
LA 3064 TO LA 1248 PHASE II

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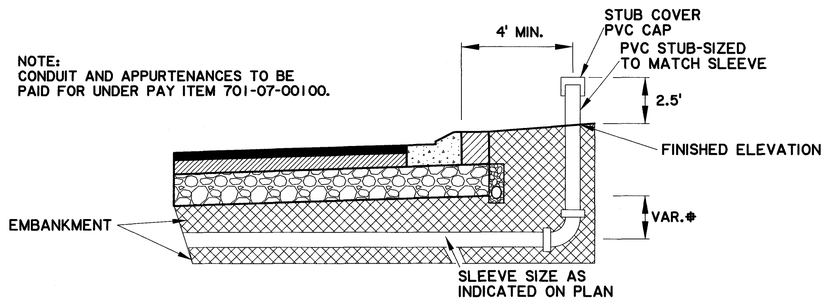
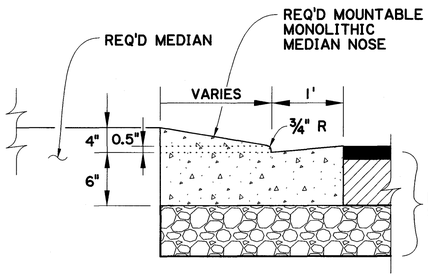


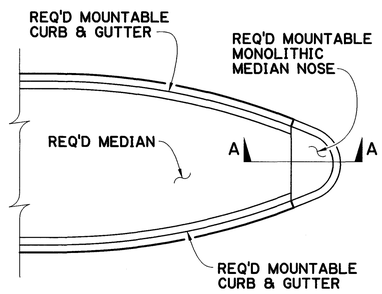
PVC PIPE DETAIL
(N.T.S.)

* MUST BE PLACED A MIN. OF 9" BELOW THE BASE COURSE AND MUST AVOID DRAINAGE STRUCTURES AND REQ'D GRAVITY SEWER LINE. CONDUIT TO BE USED FOR FUTURE UTILITY INSTALLATION.



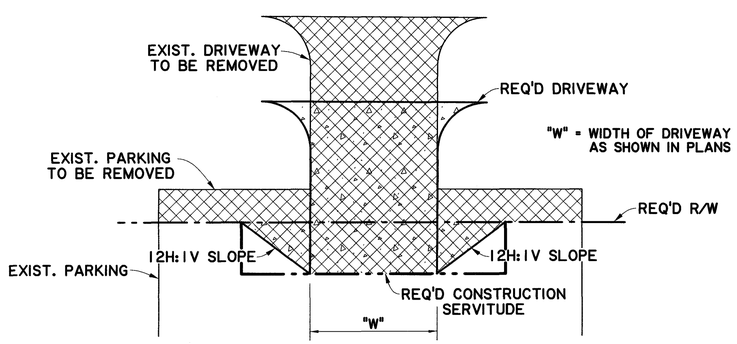
MONOLITHIC CONCRETE NOSE
ELEVATION VIEW
SECTION A-A
N.T.S.

PAID FOR UNDER PAY ITEM 706-03-00700
INCIDENTAL CONCRETE PAVING (10" THICK)



MONOLITHIC CONCRETE NOSE
PLAN VIEW
N.T.S.

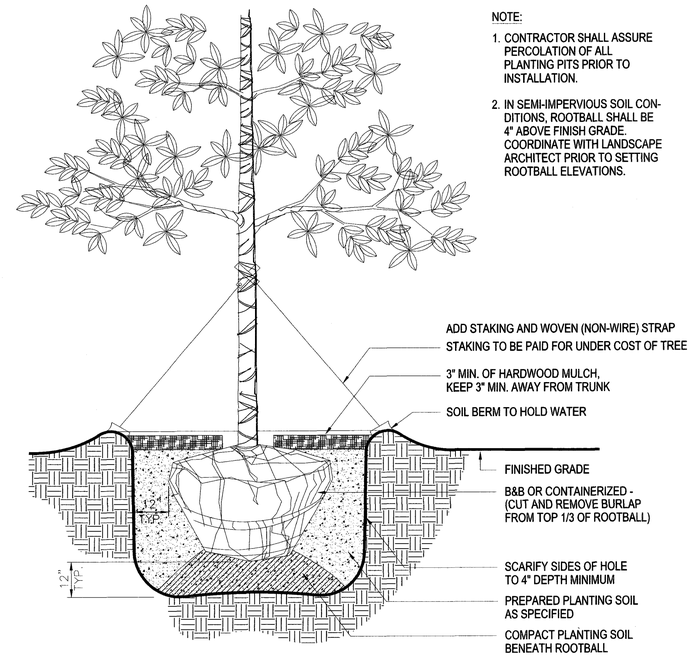
APPLIES: STA. 135+55.00
STA. 136+78.00
STA. 141+95.00
STA. 143+03.00
STA. 152+95.00
STA. 154+03.00
STA. 160+38.05
STA. 161+06.05
STA. 164+53.29



TYPICAL DRIVEWAY CONNECTION
EXIST. PARKING LOT REQUIRING
CONSTRUCTION SERVITUDE

STATE OF LOUISIANA
MARY FRANCES BRATTON
REG. No. 41444
REGISTERED
PROFESSIONAL ENGINEER
IN
CIVIL ENGINEERING
Mary Bratton
2/1/2023

TREE LOCATIONS					
LT			RT		
Station	Offset	Type	Station	Offset	Type
133+63	50	Willow Oak	133+63	48	Willow Oak
134+12	50	Willow Oak	134+12	48	Willow Oak
134+68	50	Sweetbay Magnolia	134+68	48	Sweetbay Magnolia
134+85	50	Sweetbay Magnolia	134+85	48	Sweetbay Magnolia
135+02	50	Sweetbay Magnolia	135+02	48	Sweetbay Magnolia
137+47	50	Sweetbay Magnolia	137+47	48	Sweetbay Magnolia
137+64	50	Sweetbay Magnolia	137+64	48	Sweetbay Magnolia
137+81	50	Sweetbay Magnolia	137+81	48	Sweetbay Magnolia
138+31	50	Willow Oak	138+31	48	Willow Oak
138+79	50	Willow Oak	138+79	48	Willow Oak
139+28	50	Live Oak	139+28	48	Live Oak
139+76	50	Live Oak	139+76	48	Live Oak
140+24	50	Live Oak	140+24	48	Live Oak
141+21	50	Live Oak	141+21	48	Live Oak
141+70	50	Live Oak	141+70	48	Live Oak
142+18	50	Live Oak	143+15	48	Nutall Oak
143+15	50	Nutall Oak	143+63	48	Nutall Oak
143+63	50	Nutall Oak	144+12	48	Nutall Oak
144+12	50	Nutall Oak	145+09	48	Nutall Oak
145+09	50	Nutall Oak	145+57	48	Nutall Oak
145+57	50	Nutall Oak	146+06	48	Nutall Oak
146+06	50	Nutall Oak	146+56	48	Willow Oak
146+56	50	Willow Oak	147+05	48	Willow Oak
147+05	50	Willow Oak	147+53	48	Willow Oak
147+53	50	Willow Oak	148+49	48	Willow Oak
148+49	50	Willow Oak	148+97	48	Willow Oak
148+97	50	Willow Oak	149+45	48	Willow Oak
149+45	50	Willow Oak	150+44	48	Live Oak
150+44	50	Live Oak	150+94	48	Live Oak
150+94	50	Live Oak	151+44	48	Live Oak
151+44	50	Live Oak	152+44	48	Live Oak
152+44	50	Live Oak	152+94	48	Live Oak
152+94	50	Live Oak	154+44	48	Nutall Oak
153+44	50	Live Oak	154+94	48	Nutall Oak
154+44	50	Nutall Oak	155+43	48	Nutall Oak
154+94	50	Nutall Oak	156+37	48	Nutall Oak
155+43	50	Nutall Oak	156+85	48	Nutall Oak
156+37	50	Nutall Oak	157+74	48	Willow Oak
156+85	50	Nutall Oak	158+21	48	Willow Oak
157+74	50	Willow Oak	158+75	48	Willow Oak
158+21	50	Willow Oak	159+64	48	Willow Oak
159+64	50	Willow Oak	160+25	48	Live Oak
160+25	50	Live Oak	160+75	48	Live Oak
161+75	50	Live Oak	161+75	48	Live Oak
163+25	50	Live Oak	162+25	48	Live Oak
163+82	50	Sweetbay Magnolia	163+25	48	Live Oak
164+00	50	Sweetbay Magnolia	163+82	48	Sweetbay Magnolia
164+17	50	Sweetbay Magnolia	164+00	48	Sweetbay Magnolia
			164+17	48	Sweetbay Magnolia



TREE PLANTING DETAIL
N.T.S.

GENERAL LANDSCAPE NOTES:

1. ANY DEVIATION FROM THESE PLANS MUST BE SPECIFICALLY APPROVED BY LANDSCAPE ARCHITECT OR OWNER'S REPRESENTATIVE.
2. NOTIFY LANDSCAPE ARCHITECT OF ANY SITE CONDITIONS WHICH MAY NECESSITATE MODIFICATION TO THE PLAN. LANDSCAPE ARCHITECT SHALL, IF NECESSARY, MAKE "IN-FIELD MODIFICATIONS".
3. FINE GRADING SHALL CONSIST OF HAND RAKED SMOOTH, FREE OF DEBRIS, ALL AREAS TO RECEIVE LANDSCAPE PLANTING AND/OR PINE STRAW MULCH.
4. CONTRACTOR IS RESPONSIBLE FOR INSPECTION OF EXISTING CONDITIONS AND PROMPTLY REPORTING ANY DISCREPANCIES. CONTRACTOR TO PERFORM SOIL TESTS AS NECESSARY TO CONFORM TO SPECIFICATIONS.
5. CONTRACTOR IS RESPONSIBLE FOR LOCATING EXISTING UTILITIES AND ANY DAMAGE HE IS RESPONSIBLE FOR THAT MAY OCCUR TO EXISTING UTILITIES.
6. MULCH ALL PLANTING BEDS WITH HARDWOOD MULCH TO A 3" DEPTH. KEEP 3" MIN. AWAY FROM TRUNKS/STEMS. MULCH RING TO BE TWICE THE DIAMETER OF THE ROOT BALL AROUND THE TRUNK OF THE TREE. TO BE PAID FOR UNDER COST OF TREE.
7. CONTRACTOR VERIFIES THAT ALL PLANT MATERIAL IS DETERMINED AVAILABLE AS SPECIFIED WHEN BID/PROPOSAL IS SUBMITTED.
8. ROOT TYPE MAY BE FREELY SUBSTITUTED IN CASE OF BALLED AND BURLAPPED OR CONTAINER GROWN. OTHER SPECIFICATIONS REMAINING UNCHANGED. HEIGHT, SPREAD, AND CALIPER SIZE TO TAKE PRECEDENCE OVER CONTAINER SIZE ON ALL PROPOSED PLANT MATERIAL.
9. ALL PLANTING BEDS SHALL BE HAND WEEDED OR SPRAYED PRIOR TO INSTALLATION OF MULCH.
10. CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLETELY MAINTAINING THE WORK (INCLUDING BUT NOT LIMITED TO: WATERING, MULCHING, SPRAYING, FERTILIZING, ETC) OF ALL PLANTING AREAS ANDLAWNS PER PROJECT SPECS UNTIL TOTAL ACCEPTANCE OF WORK BY OWNER. TO BE PAID FOR WITH THE COST OF THE TREE
11. THE STANDARDS SET FORTH IN THE 'AMERICAN STANDARD FOR NURSERY STOCK' REPRESENT GENERAL GUIDELINE SPECIFICATIONS ONLY AND WILL CONSTITUTE MINIMUM QUALITY REQUIREMENTS FOR PLANT MATERIAL. TREES SHALL BE NO. 1 GRADE SPECIMEN.
12. TREES PLANTED SHALL ALL BE AT LEAST 3" CALIPER, 10' HEIGHT, FULL CANOPY, AND STRAIGHT TRUNK.
13. CONTRACTOR SHALL COMPLETELY GUARANTEE ALL WORK FOR A PERIOD OF ONE (1) YEAR BEGINNING AT THE DATE OF ACCEPTANCE. THE CONTRACTOR SHALL MAKE REPLACEMENTS PROMPTLY AS PER DIRECTION OF OWNER.
14. ALL DECIDUOUS TREES, EXISTING AND PROPOSED SHALL BE PRUNED TO PROVIDE 4' MINIMUM CLEAR TRUNK UNLESS OTHERWISE NOTED.
15. CONTRACTOR TO SUPPLY GATOR BAGS OR EQUAL PRODUCT FOR WATERING TREES TO ESTABLISHMENT & CONTINUED MAINTENANCE. TO BE PAID FOR UNDER THE COST OF THE TREE.

STATE OF LOUISIANA
CHARLEAN J. HORNE
REG. NO. 14335
LICENSED
LANDSCAPE ARCHITECT
10.01.2021

SHEET NUMBER 2g

PARISH	CONTROL SECTION	STATE PROJECT
EAST BATON ROUGE	000-17, 258-33, 450-10	H.012232

DESIGNED	DETAILED	SERIES NUMBER
MFB	TW	8 OF 9
CHECKED	CHECKED	
CMH	MFB	

NO.	DATE	REVISION OR CHANGE ORDER DESCRIPTION	BY

STATE OF LOUISIANA
DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT

TYPICAL SECTIONS & DETAILS

LA 3064 TO LA 1248 PHASE II

BOTD

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STAGE 1

STRIP EXISTING GROUND 10"-18"

STAGE 2

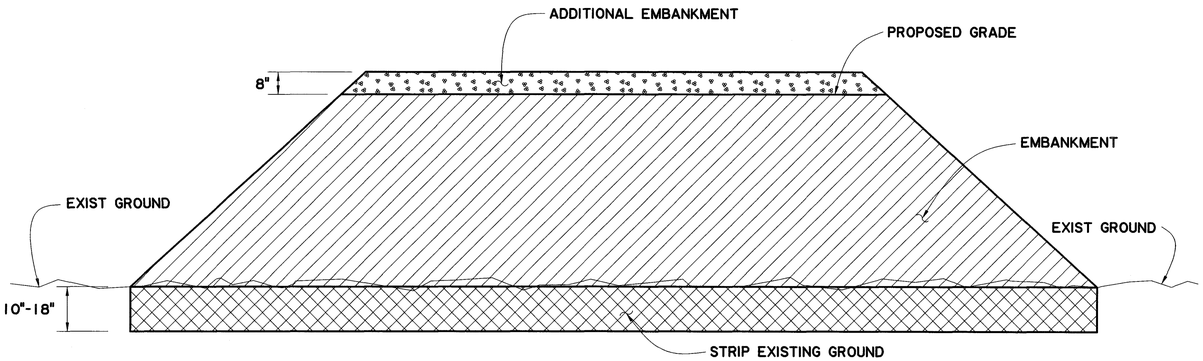
PROOF-ROLL THE EXPOSED SUBGRADE WITH HEAVY RUBBER TIRED VEHICLE WEIGHING BETWEEN 30,000-40,000 LBS (TOTAL VEHICLE WEIGHT). ANY UNSTABLE SUBGRADE IDENTIFIED SHALL BE LIME TREATED TO CREATE A WORKING TABLE FOR SUBSEQUENT FILL PLACEMENT. TREATMENT SHOULD CONSIST OF 9% HYDRATED LIME BY VOLUME MIXED TO 12" OR AS DIRECTED BY THE PROJECT ENGINEER.

STAGE 3

PLACE EMBANKMENT IN MAX 9" LOOSE LIFTS. EACH LIFT TO BE COMPACTED TO 95% OF THE MAXIMUM DRY DENSITY AS DETERMINED BY ASTM D-698 (STANDARD PROCTOR) W/ MOISTURE WITHIN +/-2% OF OPTIMUM. SETTLEMENT SHOULD BE TAKEN INTO ACCOUNT WHEN THE FILL MATERIAL IS PLACED SO THAT EXTRA MATERIAL DOES NOT HAVE TO BE PLACED AFTER THE HOLD TIME.

STAGE 4

SETTLEMENT OF EMBANKMENT IS EXPECTED TO BE BETWEEN 6"-8". THIS IS EXPECTED TO OCCUR OVER A PERIOD OF APPROXIMATELY 30-60 DAYS. SEWER FORCE MAIN, GRAVITY SEWER, AND DRAINAGE STRUCTURES WILL BE CONSTRUCTED AFTER THE EMBANKMENT HAS SETTLED.

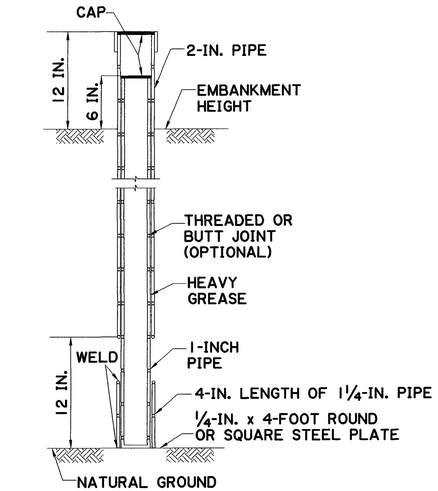


SETTLEMENT PLATE NOTES:

1. CONTRACTOR SHALL INSTALL SETTLEMENT PLATES EVERY 250 FT. IN AREAS WITH MORE THAN 5 FT. OF EMBANKMENT FILL. (SEE SCHEDULE BELOW)
2. SETTLEMENT PLATES SHOULD BE INSTALLED PER LADOTD 2016 STANDARD SPECIFICATIONS.
3. CONTRACTOR IS RESPONSIBLE FOR MONITORING THE PLATES WEEKLY DURING EMBANKMENT INSTALLATION AND AGAIN WEEKLY AFTER COMPLETION OF EMBANKMENT FILL FOR 2 MONTHS OR UNTIL SETTLEMENT HAS OCCURRED, AS DIRECTED BY THE PROJECT ENGINEER. SETTLEMENT DATA SHALL BE FORWARDED TO THE ENGINEER FOR REVIEW ON A WEEKLY BASIS.
4. EMBANKMENT SETTLEMENT PERIODS ARE APPROXIMATE. SETTLEMENT PERIOD MAY BE ADJUSTED AT THE DISCRETION OF THE GEOTECHNICAL ENGINEER WITH CONCURRENCE FROM THE PROJECT ENGINEER.

SETTLEMENT PLATES	
STATION	NUMBER OF PLATES
DIJON DRIVE EXTENSION	
134+00	1
137+50	1
139+00	1
141+50	1
144+00	1
146+50	1
149+00	1
151+50	1
154+00	1
156+50	1
TOTAL (C.S. 000-17)	10

PLATES TO BE PLACED NEAR ROADWAY BASELINE OR AS DIRECTED BY THE PROJECT ENGINEER.



EXAMPLE OF SETTLEMENT PLATE
N.T.S.

STATE OF LOUISIANA
LYNNE E. ROUSSEL
License No. 35152
PROFESSIONAL ENGINEER
9/29/2021

SHEET NUMBER 2h
PARISH EAST BATON ROUGE
CONTROL SECTION 000-17
STATE PROJECT H.012232
DESIGNED SEG
CHECKED GDH
DETAILED NDP
CHECKED MFB
SERIES NUMBER 9 OF 9
REVISION OR CHANGE ORDER DESCRIPTION | NO. | DATE | BY

TYPICAL SECTIONS & DETAILS

LA 3064 TO LA 1248 PHASE II

BOND

Stantec

EARTHWORK			
LOCATION		VOLUME	
		GENERAL EXCAVATION	EMBANKMENT
		CU. YD.	CU. YD.
DIJON DRIVE EXT.			
		4,114	97,518
BERM, LT.			
136+65			1190
DITCH, LT.			
149+85		605	0
ADDTL 18" STRIPPING ⊙			
133+50.00	158+50.00	22,220	22,220
ADDTL 8" SETTLEMENT ⊙			
133+50.00	158+50.00		9,930
SUBTOTAL (C.S. 000-17)		26,939	130,858
BLUEBONNET BLVD.			
813+62.08	817+43.33	148	
817+78.73	822+98.60	324	1
813+14.35	813+31.53	13	
SUBTOTAL (C.S. 258-33)		485	1
I-10 EB EXIT RAMP			
701+03.70	704+65.00	200	300
700+21.55	700+85.27	144	
I-10 EB ENTRANCE RAMP			
901+77.16	903+27.86	185	
I-10 EB ENTRANCE RAMP			
817+73.25	818+06.01	34	
SUBTOTAL (C.S. 450-10)		563	300
TOTAL		27,987	131,159

⊙ AS SUGGESTED BY GEOTECHNICAL REPORT DATED JUNE 6, 2018

RIPRAP & GEOTEXTILE FABRIC					
STA.	DESCRIPTION	LENGTH	WIDTH (FT)	AREA RIPRAP	AREA GEOTEXTILE FABRIC
		FT	FT	SQ. YD.	SQ. YD.
DIJON DRIVE					
149+92	D.S. CD2 OUTFALL	43	50	239	239
150+17	D.S. CD3 OUTFALL	30	30	100	100
156+48	D.S. 813 OUTFALL	6	6	4	4
158+09	D.S. 880 OUTFALL	9	9	9	9
SUBTOTAL (C.S. 000-17)				352	352
TOTAL				352	352

D.S. = DRAINAGE STRUCTURE

HANDICAP CURB RAMPS			
STATION	SIDE CL	DESCRIPTION	HANDICAP RAMP SQ.YD.
DIJON DRIVE			
136+66.00	LT	TYPE 6	34.7
SUBTOTAL (C.S. 000-17)			34.7
TOTAL			34.7

REMOVAL									
	STATION	STATION	DESCRIPTION	LENGTH	WIDTH	AREA	REMOVAL CONCRETE CURBS	REMOVAL CONCRETE WALKS AND DRIVES	REMOVAL OF P.C.C.P.	REMOVAL OF ASPHALT
				FT.	FT.	SQ FT	FT	SQ. YD.	SQ. YD.	SQ. YD.
	DIJON DRIVE									
	149+94.00	150+29.00	BREC PATH	35.0	12.0	420.00		47		
①	158+31.18	164+75.43	PARKING LOT, LT/RT	644.25	VARIES	57339.64		6371		
①	164+75.43	165+08.58	DIJON TURNOUT	33.15	VARIES	2212.37			246	
①	166+35.14	166+61.52	N. MALL DR. MEDIAN	26.38			53			
	SUBTOTAL (C.S. 000-17)						53	6418	246	0
	BLUEBONNET BLVD.									
	808+46.15	812+45.29	BLUEBONNET SEPARATOR	399.14			399			
*	813+05.88	813+07.74	BLUEBONNET BLVD	51.00			51			
*	817+74.46	818+05.89	BLUEBONNET BLVD	89.20			89			
*	817+78.73	822+97.60	BLUEBONNET BLVD	530.70			531			
	SUBTOTAL (C.S. 258-33)						1070	0	0	0
	I-10									
*	700+21.55	700+85.27	I-1O EB EXIT RAMP ISLAND	239.60			240			
①	701+03.70	705+65.00	I-1O EB EXIT RAMP SHLDR	461.30	VARIES				125	
*	901+74.68	903+28.86	I-1O EB ENTRANCE RAMP	326.80			327			
①	709+11.34	709+18.19	I-1O WB ENTRANCE RAMP	6.85	VARIES	125.19				13.9
①	701+48.56	703+60.00	I-1O EB EXIT RAMP	211.44	VARIES	1159.98				128.9
	SUBTOTAL (C.S. 450-10)						567	0	125	142.8
	TOTAL						1690	6418	371	142.8

* CURVES AND TAPERS CONSIDERED
① MEASURED GRAPHICALLY

SAWCUT					
STATION	STATION	DESCRIPTION	LENGTH (FT) *	DEPTH (INCHES)	IN-FT
DIJON DRIVE					
158+28.34	160+17.33	EDGE OF PAVEMENT, LT.	200	6	1198
159+13.40	160+57.35	EDGE OF PAVEMENT, RT. (R&K)	123	6	737
160+53.55	160+78.55	EDGE OF PAVEMENT, LT. (DRIVEWAY)	25	6	150
162+16.48	162+20.88	EDGE OF PAVEMENT, LT.	4	6	26
162+28.48	162+52.48	EDGE OF PAVEMENT, RT. (R&K)	24	6	144
162+27.84	162+70.87	EDGE OF PAVEMENT, LT. (DRIVEWAY)	51	6	306
163+55.00	164+07.00	EDGE OF PAVEMENT, LT. (DRIVEWAY)	88	6	528
164+93.00	165+07.00	BLUEBONNET TURNOUT	173	10	1729
162+93.34	164+68.72	EDGE OF PAVEMENT, RT. (R&K)	175	6	1050
166+35.14	166+61.52	N. MALL DR. MEDIAN	53	10	527
SUBTOTAL (C.S. 000-17)					6395
BLUEBONNET BLVD.					
813+05.88	813+07.74	MEDIAN CURB	59	8	472
817+74.46	818+05.89	ISLAND CURB	103	8	824
817+78.73	822+97.60	MEDIAN CURB	538	8	4304
SUBTOTAL (C.S. 258-33)					5600
I-10 EB ENTRANCE RAMP					
901+74.68	903+27.49	ISLAND CURB	340	10	3400
I-10 EB EXIT RAMP					
700+21.58	700+85.27	LANE WIDENING	248	10	2480
701+03.70	703+65.00	EXISTING SHOULDER	388	10	3880
SUBTOTAL (C.S. 450-10)					9760
TOTAL					21755

* CURVES AND TAPERS CONSIDERED

STATE OF LOUISIANA
MARY FRANCES BRATTON
REG. No. 41444
REGISTERED
PROFESSIONAL ENGINEER
IN
CIVIL ENGINEERING
Mary Bratton
2/1/2023

SHEET NUMBER 3
PARISH: EAST BATON ROUGE
CONTROL SECTION: 000-17, 258-33, 450-10
STATE PROJECT: H.012232
DESIGNED: HLP
CHECKED: MFB
DETAILED: TW
CHECKED: MFB
SERIES NUMBER: 1 OF 6
REVISION OR CHANGE ORDER DESCRIPTION | BY | DATE | NO.

SUMMARY OF ESTIMATED QUANTITITES

LA 3064 TO LA 1248 PHASE II

DOTD | Stantec

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ASPHALT CONCRETE & CLASS II BASE COURSE

	STATION	STATION	DESCRIPTION	LENGTH	ASPHALT CONCRETE						CLASS II BASE COURSE	
					ASPHALT WIDTH	AREA	THICKNESS	ASPHALT CONCRETE WEARING COURSE	THICKNESS	ASPHALT CONCRETE BINDER COURSE, LEVEL 2	BASE COURSE WIDTH	8" CLASS II BASE COURSE
				FT.	FT.	SQ.YD.	IN.	TONS	IN.	TONS	FT.	SQ. YD.
	DIJON											
①	133+50.00	135+60.00	DIJON ROADWAY	210.00	VARIES	1051.83	2	115.7	4	231.4	VARIES	1334.4
	135+60.00	136+75.00	DIJON ROADWAY	115.00	68.0	868.89	2	95.6	4	191.2	74.00	945.6
①	136+75.00	142+00.00	DIJON ROADWAY	525.00	VARIES	3005.36	2	330.6	4	661.2	VARIES	3709.4
	142+00.00	143+00.00	DIJON ROADWAY	100.00	68.0	755.56	2	83.1	4	166.2	74.00	822.2
①	143+00.00	153+00.00	DIJON ROADWAY	1000.00	VARIES	5286.36	2	581.5	4	1163.0	VARIES	6623.5
	153+00.00	154+00.00	DIJON ROADWAY	100.00	68.0	755.56	2	83.1	4	166.2	74.00	822.2
①	154+00.00	155+24.00	DIJON ROADWAY	124.00	VARIES	766.59	2	84.3	4	168.6	VARIES	933.1
①	155+24.00	160+41.05	DIJON ROADWAY	517.05	VARIES	2942.37	2	323.7	4	647.3	VARIES	3632.1
	160+41.05	160+92.05	DIJON ROADWAY	51.00	68.0	385.33	2	42.4	4	84.8	74.00	411.1
①	160+92.05	164+57.41	DIJON ROADWAY	365.36	VARIES	2150.26	2	236.5	4	473.1	VARIES	2642.7
	SUBTOTAL (C.S. 000-17)							1976.5		3953.0		21876.3
	TOTAL							1976.5		3953.0		21876.3

① MEASURED GRAPHICALLY

PERMEABLE BASE DRAINS

STATION	SIDE CL	AVG. LENGTH (FT.) △	NONPLASTIC EMBANKMENT (STONE) (203-04-00300) (CU.YD.) ⊡	GEOTEXTILE FABRIC (203-08-00100) (SQ.YD.) ⊗
I-10 EB EXIT RAMP				
701+10	LT	5.3	1.38	11.71
701+90	LT	5.3	1.38	11.71
702+90	LT	5.3	1.38	11.71
703+90	LT	5.3	1.38	11.71
704+60	LT	5.3	1.38	11.71
SUBTOTAL (C.S. 450-10)			7	59
TOTAL			7	59

LOW POINT APPROXIMATELY STA. 702+90

△ LENGTH TAKEN ALONG VERTICAL CENTER OF BASE DRAIN

⊡ BASE DRAIN IS 10' WIDE. CALCULATION ASSUMES APPROXIMATELY 0.26 C.Y./L.F.

⊗ BASE DRAIN IS 10' WIDE. CALCULATION ASSUMES APPROXIMATELY 2.21 S.Y./L.F.

6" CONCRETE DRIVE

STATION	SIDE CL	LENGTH	WIDTH	AREA ①
		FT.	FT.	SQ. YD.
DIJON DRIVE				
159+06	LT	42	24	140.6
160+66	LT	40	25	99.2
162+50	LT	40	30	199.6
163+81	LT	50	30	103.3
SUBTOTAL (C.S. 000-17)				542.7
TOTAL				542.7

① MEASURED GRAPHICALLY

PORTLAND CEMENT CONCRETE & CLASS II BASE COURSE

	STATION	STATION	DESCRIPTION	LENGTH	PCCP				PCCP SHOULDER		CLASS II BASE COURSE		
					PCCP WIDTH	8" PORTLAND CEMENT CONCRETE PAV'T	9" PORTLAND CEMENT CONCRETE PAV'T	10" PORTLAND CEMENT CONCRETE PAV'T	8" PORTLAND CEMENT CONCRETE SHOULDER PAV'T	10" PORTLAND CEMENT CONCRETE SHOULDER PAV'T	BASE COURSE WIDTH	6" CLASS II BASE COURSE	8-1/2" CLASS II BASE COURSE
				FT.	FT.	SQ.YD.	SQ.YD.	SQ.YD.	SQ. YD.	SQ. YD.	FT.	SQ. YD.	SQ. YD.
	DIJON DRIVE												
①	164+57.41	165+10.68	DIJON ROADWAY @ BLUEBONNET	53.27	91.33^		540.6				93.70^	554.6	
	166+35.14	166+61.52	N. MALL DR. MEDIAN	26.38	3.51^	10.3					3.51^	10.3	
	SUBTOTAL (C.S. 000-17)					10.3	540.6	0.0	0.0	0.0		564.9	0.0
	BLUEBONNET BLVD.												
①	813+14.35	813+31.53	MEDIAN PAVEMENT	17.18	VARIES	32.7					VARIES	35.0	
①	813+62.08	817+43.33	SHOULDER	381.25	9.1^				383.8		10.1^	427.2	
①	817+74.46	818+05.89	ISLAND PAVEMENT	31.43	VARIES	64.9					VARIES	64.9	
①	817+78.74	822+97.60	LANE WIDENING	518.86	VARIES	591.0					VARIES	649.2	
	SUBTOTAL (C.S. 258-33)					688.6	0.0	0.0	383.8	0.0		1176.3	0.0
	I-10 EB EXIT RAMP												
①	700+21.55	700+85.27	ISLAND PAVEMENT	63.72	VARIES			279.7			VARIES		279.7
①	701+03.70	704+65.00	RIGHT TURN LANE	361.30	VARIES			359.6		242.8	VARIES		643.1
	I-10 EB ENTRANCE RAMP												
①	901+74.68	903+28.86	ISLAND PAVEMENT	154.18	VARIES			304.8			VARIES		304.8
	SUBTOTAL (C.S. 450-10)					0.0	0.0	944.1	0.0	242.8		0.0	1227.6
	TOTAL					698.9	540.6	944.1	383.8	242.8		1741.2	1227.6

① MEASURED GRAPHICALLY

^ AVERAGE WIDTH CALCULATED FROM TOTAL AREA

SHOULDER UNDERDRAIN

STATION	STATION	SIDE	SHOULDER UNDERDRAIN
			LIN FT.
DIJON DRIVE			
135+50.00	165+06.98	LT	2957
135+50.00	165+06.98	RT	2957
SUBTOTAL (C.S. 000-17)			5914
TOTAL			5914

TEMPORARY HAY OR STRAW BALES

INLET TYPE	# OF INLETS	BALES PER INLET	TOTAL BALES PER INLET TYPE
CB-01	11	7	77
CB-06	36	7	252
CB-07	2	7	14
CB-08	13	11	143
CB2TOPO2	1	9	9
MH-06	15	9	135
TOTAL (DIJON) (CS. 000-17)			630

STATE OF LOUISIANA
MARY FRANCES BRATTON
REG. No. 41444
REGISTERED
PROFESSIONAL ENGINEER
IN
CIVIL ENGINEERING

Mary Bratton
2/1/2023

SHEET NUMBER 3a

PARISH: EAST BATON ROUGE | CONTROL SECTION: 000-17, 258-33, 450-10 | STATE PROJECT: H.012232

DESIGNED: HLP | CHECKED: MFB | DETAILED: TW | CHECKED: MFB | SERIES NUMBER: 2 OF 6

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

SUMMARY OF ESTIMATED QUANTITITES

LA 3064 TO LA 1248 PHASE II

DOTD | Stantec

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INCIDENTAL CONCRETE PAVING							
STATION	STATION	SIDE	DESCRIPTION	LENGTH FT.	AVG. WIDTH FT.	6" THICK SQ. YD.	10" THICK ① SQ. YD.
DIJON DRIVE							
135+53.35	135+59.00	LT/RT	MEDIAN NOSE	5.65	VAR.		6.5
136+75.00	136+86.16	RT	MEDIAN NOSE	11.16	VAR.		9.1
141+93.34	141+99.00	LT/RT	MEDIAN NOSE	5.66	VAR.		6.5
143+01.00	143+11.20	RT	MEDIAN NOSE	10.20	VAR.		9.1
152+93.35	152+99.00	LT/RT	MEDIAN NOSE	5.65	VAR.		6.5
154+01.00	154+11.16	RT	MEDIAN NOSE	10.16	VAR.		9.1
160+30.05	160+40.05	LT	MEDIAN NOSE	10.00	VAR.		8.9
161+02.05	161+07.70	LT/RT	MEDIAN NOSE	5.65	VAR.		6.5
164+45.29	164+55.29	LT	MEDIAN NOSE	10.00	VAR.		8.9
166+43.98	166+61.50	LT	MEDIAN NOSE	17.52	VAR.	6.2	
SUBTOTAL (C.S. 000-17)						6.2	71.1
I-10 EB ENTRANCE RAMP							
902+97.95	903+27.49	LT	PAVED ISLAND	29.54	VAR.	54.9	
SUBTOTAL (C.S. 450-10)						54.9	0.0
TOTAL						61.1	71.1

① MEASURED GRAPHICALLY

CONCRETE WALK								
STATION	STATION	SIDE	LENGTH (FEET) Φ	AVG. WIDTH (FEET)	4" THICK SQ. FT	4" THICK SQ. YD.	6" THICK SQ. FT	6" THICK SQ. YD.
DIJON DRIVE								
133+50.00	136+51.97	LT.	301.97	10.0			3007.0	334.1
136+79.97	136+94.00	LT.	13.65	VARIES			115.3	12.8
136+57.97	136+76.97	LT.	19	VARIES			426.0	47.3
133+50.00	135+85.28	RT.	223.68	5.0	1118.4	124.3		
136+94.00	154+00.00	LT.	1717.59	5.0	8588.0	954.2		
136+78.35	154+00.00	RT.	1710.96	5.0	8554.8	950.5		
149+93.52	150+29.80	LT.	34.92	12.0			419.1	46.6
154+00.00	164+57.41	RT.	1040.27	5.0	5201.4	577.9		
154+00.00	158+94.33	LT.	511.27	5.0	2556.3	284.0		
159+18.33	160+53.55	LT.	134.70	5.0	672.3	74.7		
160+78.55	162+35.19	LT.	156.01	5.0	778.9	86.5		
162+65.46	164+57.41	LT.	192.45	5.0	957.6	106.4		
SUBTOTAL (C.S. 000-17)						3158.5		440.8
TOTAL						3158.5		440.8

Φ LENGTH VALUE IS AVERAGE SIDEWALK LENGTH

REMOVAL FENCE			
STATION	STATION	SIDE OF CL	REMOVAL OF FENCE FT *
DIJON			
136+42.76	136+49.77	LT/RT	393
140+63.92	141+05.55	LT/RT	205
142+58.11	143+29.64	LT/RT	213
SUBTOTAL (C.S. 000-17)			811
TOTAL			811

* CURVES AND TAPERS CONSIDERED

CONCRETE CURB & GUTTER							
STATION	STATION	SIDE	DESCRIPTION	2' COMBINATION CURB & GUTTER 4" MOUNTABLE LIN FT.*	2' COMBINATION CURB & GUTTER 6" BARRIER LIN FT.*	INTEGRAL CONC. CURB (6" BARRIER) LIN FT.*	INTEGRAL CONC. CURB (4" MOUNTABLE) LIN FT.*
DIJON DRIVE							
133+50.00	164+57.41	LT	EDGE OF PAVT CURB		3129.8		
133+50.00	135+79.83	RT	EDGE OF PAVT CURB		230.9		
136+81.84	164+57.41	RT	EDGE OF PAVT CURB		2752.1		
133+50.00	135+53.35	LT/RT	MEDIAN CURB	408.2			
136+86.16	141+93.34	LT/RT	MEDIAN CURB	1015.2			
143+11.20	152+93.35	LT/RT	MEDIAN CURB	1964.7			
154+11.16	160+30.05	LT/RT	MEDIAN CURB	1237.0			
161+07.70	164+45.29	LT/RT	MEDIAN CURB	677.5			
162+16.55	162+21.39	LT.	EDGE OF PAVT CURB			5.0	
162+93.00	164+69.00	RT	EDGE OF PAVT CURB			175.1	
163+55.00	164+07.00	LT	EDGE OF PAVT CURB			52.0	
164+57.41	164+93.17	LT	TURNOUT CURB			61.2	
164+57.41	164+97.65	RT	TURNOUT CURB			68.2	
SUBTOTAL (C.S. 000-17)				5302.6	6112.8	361.5	0.0
BLUEBONNET BLVD.							
813+05.88	813+13.83	RT	MEDIAN CURB				24.4
817+78.74	822+97.60	RT	MEDIAN CURB				528.6
SUBTOTAL (C.S. 258-33)				0.0	0.0	0.0	553.0
I-10 EASTBOUND ENTRANCE RAMP							
902+95.95	903+27.86	LT	CURB ISLAND				78.4
SUBTOTAL (C.S. 450-10)				0.0	0.0	0.0	78.4
TOTAL				5302.6	6112.8	361.5	631.4

* CURVES AND TAPERS CONSIDERED

PAINTED CURB				
STATION	STATION	SIDE	DESCRIPTION	Length ① LF
DIJON DRIVE				
135+53.35	135+59.00	LT/RT	MEDIAN NOSE	16.0
136+75.00	136+86.16	RT	MEDIAN NOSE	23.0
141+93.34	141+99.00	LT/RT	MEDIAN NOSE	16.0
143+01.00	143+11.20	RT	MEDIAN NOSE	23.0
152+93.35	152+99.00	LT/RT	MEDIAN NOSE	16.0
154+01.00	154+11.16	RT	MEDIAN NOSE	23.0
160+30.05	160+40.05	LT	MEDIAN NOSE	23.0
161+02.05	161+07.70	LT/RT	MEDIAN NOSE	16.0
164+45.29	164+55.29	LT	MEDIAN NOSE	23.0
SUBTOTAL (C.S. 000-17)				179
TOTAL				179

① MEASURED GRAPHICALLY

STATE OF LOUISIANA
MARY FRANCES BRATTON
REG. No. 41444
REGISTERED
PROFESSIONAL ENGINEER
IN
CIVIL ENGINEERING

Mary Bratton
2/1/2023

SHEET NUMBER 3b

PARISH: EAST BATON ROUGE
CONTROL SECTION: 000-17, 258-33, 450-10
STATE PROJECT: H.012232

DESIGNED HLP
CHECKED MFB
DETAILED TW
CHECKED MFB
SERIES NUMBER 3 OF 6

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

STATE OF LOUISIANA

SUMMARY OF ESTIMATED QUANTITITES

LA 3064 TO LA 1248 PHASE II

DOTD | Stantec

02-FEB-2023 16:2

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PLASTIC PAVEMENT STRIPING & PAVEMENT MARKINGS

BEGIN STATION	END STATION	DESCRIPTION	LENGTH	SOLID LINE 4 INCH	SOLID LINE 8 INCH	SOLID LINE 24 INCH	BROKEN 4 INCH	DOTTED 4" (TYPE B)	DOTTED 8" (TYPE B)	REFLECTORIZED PAVEMENT MARKERS	MMA PAVEMENT MARKING (GREEN BIKE CROSSING)	PAV'T LEGEND (ONLY)	PAV'T LEGEND (ARROW STRAIGHT)	PAV'T LEGEND (ARROW-DOUBLE)	PAV'T LEGEND (ARROW- LEFT TURN)	PAV'T LEGEND (ARROW-RIGHT TURN)
			FT	MILE	MILE	LIN. FT.	MILE	MILE	MILE	EACH	SQ.YD.	EACH	EACH	EACH	EACH	EACH
DIJON																
133+50.00	164+59.00	EDGE LINE, LT	3109.0	0.589												
* 164+59.00	164+95.00	EDGE LINE TURNOUT, LT	61.8	0.012												
* 133+50.00	164+58.00	CENTERLINE, LT	2991.7				0.567			76						
136+74.00	138+42.00	LEFT TURN LANE, LT	168.0		0.032					29						
138+42.00	139+50.00	LEFT TURN LANE, LT	108.0						0.020							
143+00.00	144+39.00	LEFT TURN LANE, LT	139.0		0.026					25						
144+39.00	145+45.00	LEFT TURN LANE, LT	106.0						0.020							
154+00.00	155+37.00	LEFT TURN LANE, LT	137.0		0.026					24						
155+37.00	156+45.00	LEFT TURN LANE, LT	108.0						0.020							
* 133+50.00	135+60.00	MEDIAN ISLAND, LT/RT	427.6	0.081												
* 136+75.00	142+00.00	MEDIAN ISLAND, LT/RT	1060.8	0.201												
* 143+00.00	153+00.00	MEDIAN ISLAND, LT/RT	2010.3	0.381												
* 154+00.00	160+41.05	MEDIAN ISLAND, LT/RT	1291.2	0.245												
* 160+91.05	164+56.29	MEDIAN ISLAND, LT/RT	742.8	0.141												
133+50.00	162+52.16	CENTERLINE, RT	2544.4				0.482			65						
159+41.00	159+91.10	LEFT TURN LANE, RT	50.1						0.009							
159+91.10	160+41.05	LEFT TURN LANE, RT	49.9		0.009					10						
* 133+50.00	164+57.41	EDGE LINE, RT	3054.6	0.579												
162+57.85	163+57.41	LEFT TURN EDGE LINE, RT	96.1						0.018							
162+57.85	163+57.41	LEFT TURN/THRU LANE LINE, RT	96.1						0.018							
163+57.41	164+57.41	LEFT TURN EDGE LINE, RT	102.0		0.019					18						
163+57.41	164+57.41	LEFT TURN/THRU LANE LINE, RT	102.0		0.019					18						
* 164+57.41	164+98.29	EDGE LINE TURNOUT, RT	57.4	0.011												
166+11.89	167+69.53	RIGHT TURN LANE, LT (N. MALL DR.)	157.8		0.030					28						
166+35.20	167+69.26	LANE LINE, LT (N. MALL DR)	134.1	0.025												
166+11.00	166+54.00	MEDIAN ISLAND (N. MALL DR.)	63.6		0.012	22				12						
166+04.00	166+25.00	MEDIAN ISLAND (BLUEBONNET	73.9		0.014	10				14						
164+58.00	165+84.83	GUIDING LEFT TURN MOVEMENT	190.6					0.036								
136+84.00	-	LEFT ARROW													1	
135+59.31	-	STOP BAR, RT	26.5			27										
136+60.00	-	BIKE CROSSING, LT/RT	70.0					0.027			24					
136+66.00	-	CROSSWALK, LT/RT	70.0			108										
137+02.00	-	STOP BAR, LT	33.0			33										
138+81.00	-	LEFT ARROW													1	
143+27.00	-	LEFT ARROW													1	
144+77.00	-	LEFT ARROW													1	
154+26.00	-	LEFT ARROW													1	
155+81.00	-	LEFT ARROW													1	
160+07.00	-	LEFT ARROW													1	
162+70.00	-	LEFT ARROW													1	
162+70.00	-	RIGHT ARROW														1
162+70.00	-	ONLY										1				
162+70.00	-	DOUBLE ARROW												1		
164+20.00	-	LEFT ARROW													1	
164+20.00	-	ONLY										1				
164+20.00	-	RIGHT ARROW														1
164+20.00	-	DOUBLE ARROW												1		
166+35.00	-	STOP BAR, LT	17.0			17										
166+56.00	-	STRAIGHT ARROW											1			
166+56.00	-	RIGHT ARROW														1
167+67.00	-	STRAIGHT ARROW											1			
SUBTOTAL THIS SHEET				2.265	0.187	217	1.049	0.063	0.105	319	24	2	2	2	9	3

* CURVES AND TAPERS CONSIDERED

STATE OF LOUISIANA
MARY FRANCES BRATTON
REG. No. 41444
REGISTERED PROFESSIONAL ENGINEER
IN
CIVIL ENGINEERING

Mary Bratton
2/1/2023

SHEET NUMBER 3c

PARISH: EAST BATON ROUGE
CONTROL SECTION: 000-17, 258-33, 450-10
STATE PROJECT: H.012232

DESIGNED: HLP
CHECKED: MFB
DETAILED: TW
CHECKED: MFB
SERIES NUMBER: 4 OF 6

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

STATE OF LOUISIANA DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT

SUMMARY OF ESTIMATED QUANTITITES

LA 3064 TO LA 1248 PHASE II

DOTD

Stantec

PLASTIC PAVEMENT STRIPING & PAVEMENT MARKINGS

	BEGIN STATION	END STATION	DESCRIPTION	LENGTH	SOLID LINE 4 INCH	SOLID LINE 8 INCH	SOLID LINE 24 INCH	BROKEN 4 INCH	DOTTED 4" (TYPE B)	DOTTED 8" (TYPE B)	REFLECTORIZED PAVEMENT MARKERS	MMA PAVEMENT MARKING (GREEN BIKE CROSSING)	PAV'T LEGEND (ONLY)	PAV'T LEGEND (ARROW STRAIGHT)	PAV'T LEGEND (ARROW-DOUBLE)	PAV'T LEGEND (ARROW- LEFT TURN)	PAV'T LEGEND (ARROW-RIGHT TURN)
				FT	MILE	MILE	LIN. FT.	MILE	MILE	MILE	EACH	SQ.YD.	EACH	EACH	EACH	EACH	EACH
	DIJON CONTINUED																
	167+67.00	-	RIGHT ARROW														1
	164+58.00	-	STOP BAR, RT	22.0			22										
	164+95.00	-	STOP BAR, LT	17.0			17										
	165+54.00	-	STOP BAR, RT	60.7			61										
	SUBTOTAL (C.S. 000-17)				2.265	0.187	317	1.049	0.063	0.105	319	24	2	2	2	9	4
	BLUEBONNET BLVD																
	807+75.00	811+23.00	SB EDGE LINE, LT	348.0	0.066												
*	813+58.00	813+63.00	SB EDGELINE TURNOUT, LT	8.0	0.002												
	813+63.00	817+19.00	SB EDGE LINE, LT	356.0	0.067												
*	817+19.00	817+39.00	SB EDGELINE TURNOUT, LT	94.0	0.018												
*	817+65.00	818+67.00	SB EDGELINE TURNOUT, LT	140.6	0.027												
*	818+67.00	825+30.00	SB EDGE LINE, LT	626.3	0.119												
	807+75.00	812+86.00	SB CENTERLINE	1022.0				0.194			27						
	814+02.00	817+14.00	SB CENTERLINE	312.0				0.059			9						
	814+02.00	814+90.00	TURNLANE	88.0		0.017					16					1	
	814+02.00	814+90.00	TURNLANE	88.0		0.017					16					1	
	814+90.00	817+14.00	TURNLANE	224.0						0.042						1	
	814+90.00	817+14.00	TURNLANE	224.0						0.042						1	
*	813+38.00	814+02.00	TURN LANE BEAR TRACKS	112.0					0.021								
	817+84.00	825+30.00	SB CENTERLINE	746.0				0.141			20						
	817+84.00	818+72.00	TURNLANE	88.0		0.017					16					1	
	818+72.00	824+04.00	TURNLANE	532.0						0.101				1	1	1	
	817+84.00	818+72.00	TURNLANE	88.0		0.017					16					1	
	818+72.00	820+10.00	TURNLANE	138.0						0.026						1	
	809+37.00	813+08.00	MEDIAN ISLAND, LT	371.0	0.070												
	811+23.00	813+06.00	NB CENTERLINES	549.0				0.104			15						
	811+23.00	812+23.00	NB TURN LANE	100.0		0.019					18						
*	813+06.00	813+08.00	MEDIAN ISLAND, RT	26.0	0.005												
	814+02.00	816+98.00	MEDIAN ISLAND, LT	296.0	0.056												
*	816+97.00	816+98.00	MEDIAN ISLAND, RT	21.0	0.004												
*	817+78.00	822+94.00	MEDIAN ISLAND, RT	532.0	0.101												
*	822+94.00	824+04.00	MEDIAN TAPER	222.0	0.042		60				24						
	824+04.00	825+30.00	BLUEBONNET CENTERLINE	252.0	0.048						14						
*	817+70.00	818+09.00	ISLAND	122.0		0.023	68				22						
	811+23.00	813+06.00	MEDIAN ISLAND, RT	183.0	0.035												
	811+23.00	812+17.00	NB TURN LANE, EDGE LINE,RT	94.0	0.018												
	814+02.00		SB BLUEBONNET STOP BAR	48.0			48										
	817+84.00		SB BLUEBONNET STOP BAR	48.0			48										
	813+06.00		NB BLUEBONNET STOP BAR	48.0			48										
	SUBTOTAL (C.S. 258-33)				0.678	0.110	272	0.498	0.021	0.211	213	0	0	1	1	8	0
	EXIT RAMP																
	700+30.00	705+45.00	EDGE LINE, RT	515.0	0.098												
	700+30.00	701+18.00	TURNLANE	88.0		0.017					16				1	1	
	701+18.00	702+06.00	TURNLANE	88.0						0.017							
	702+06.00	704+45.00	CENTERLINE	239.0				0.045			7				1	1	
*	700+30.00	700+74.00	ISLAND	119.0		0.023	34				21						
	700+74.00	702+06.00	TURNLANE	132.0		0.025					23						1
	702+06.00	705+45.00	CENTERLINE	339.0				0.064			10						1
*	700+30.00	701+08.00	ISLAND	201.0		0.038	78				35						
	701+08.00	702+08.00	TURNLANE	100.0		0.019					18						1
	702+08.00	703+00.00	TURNLANE	92.0						0.017							1
*	700+30.00	701+31.00	ISLAND	493.0		0.093	328				84						
*	701+31.00	705+45.00	EDGE LINE, LT	419.0	0.079												
	700+30.00		STOP BAR	24.0			24										
	700+35.00		STOP BAR	12.0			12										
	700+40.00		STOP BAR	12.0			12										

* CURVES AND TAPERS CONSIDERED

STATE OF LOUISIANA
MARY FRANCES BRATTON
REG. No. 41444
REGISTERED PROFESSIONAL ENGINEER
IN
CIVIL ENGINEERING

Mary Bratton
2/1/2023

SHEET NUMBER 3d

PARISH: EAST BATON ROUGE
CONTROL SECTION: 000-17, 258-33, 450-10
STATE PROJECT: H.012232

DESIGNED HLP
CHECKED MFB
DETAILED TW
CHECKED MFB
SERIES NUMBER 5 OF 6

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

STATE OF LOUISIANA
DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT

SUMMARY OF ESTIMATED QUANTITITES

LA 3064 TO LA 1248 PHASE II

DOTD

Stantec

PLASTIC PAVEMENT STRIPING & PAVEMENT MARKINGS

	BEGIN STATION	END STATION	DESCRIPTION	LENGTH	SOLID LINE 4 INCH	SOLID LINE 8 INCH	SOLID LINE 24 INCH	BROKEN 4 INCH	DOTTED 4" (TYPE B)	DOTTED 8" (TYPE B)	REFLECTORIZED PAVEMENT MARKERS	MMA PAVEMENT MARKING (GREEN BIKE CROSSING)	PAV'T LEGEND (ONLY)	PAV'T LEGEND (ARROW STRAIGHT)	PAV'T LEGEND (ARROW-DOUBLE)	PAV'T LEGEND (ARROW- LEFT TURN)	PAV'T LEGEND (ARROW-RIGHT TURN)
				FT	MILE	MILE	LIN. FT.	MILE	MILE	MILE	EACH	SQ.YD.	EACH	EACH	EACH	EACH	EACH
	ENTRANCE RAMP																
*	900+17.00	903+32.00	ISLAND	700.0		0.133	278				118						
	900+17.00	903+36.00	CENTERLINE	319.0				0.060			9						
	900+17.00	903+04.50	EDGE LINE, RT	287.5	0.054												
*	902+95.00	903+44.00	ISLAND	264.0		0.050	123				45						
	SUBTOTAL (C.S. 450-10)				0.231	0.398	889	0.169	0.000	0.034	386	0	0	0	2	2	4
	TOTAL				3.174	0.695	1,478	1.716	0.084	0.350	918	24	2	3	5	19	8

* CURVES AND TAPERS CONSIDERED

GRAVITY SEWER

PIPES						MANHOLES		
BEG. STATION	END STATION	12" PVC SEWER PIPE			JACK & BORED CASING INCLUDING CARRIER PIPE	48"		
DIJON DR.		(12.1-16.0)	(16.1-20.0)	(20.1-24.0)	24"	(12.1-16.0)	(16.1-20.0)	(20.1-24.0)
		LIN FT.*	LIN FT.*	LIN FT.*	LIN FT.*	EACH	EACH	EACH
325+26.92	325+75.98	53						
325+77.98	XX						1	
325+79.98	327+25.98		150					
327+27.98	XX						1	
327+29.98	328+75.98		150					
328+77.98	XX						1	
328+79.98	330+25.98		150					
330+27.98	XX						1	
330+29.98	331+76.38		150					
331+78.38	XX						1	
331+80.38	333+26.38		150					
333+28.38	XX						1	
333+30.38	335+26.38		200					
335+28.38	XX						1	
335+30.38	336+46.38		120					
336+48.38	XX						1	
336+50.38	337+76.38		130					
337+78.38	XX						1	
337+80.38	340+76.38			270				
338+15.00	338+45.00				30			
340+78.38	XX							1
340+80.38	343+76.38			300				
343+78.38	XX						1	
343+80.38	344+86.38		110					
344+88.38	XX						1	
344+90.38	345+81.38		95					
345+83.38	XX						1	
345+85.38	347+12.70		96					
345+93.64	346+23.70				35			
347+14.70	XX						1	
347+16.70	347+85.06							
347+87.06	XX	72				1		
TOTAL SEWER (C.S. 000-17)		2196			65	15		

* CURVES AND TAPERS CONSIDERED

NOTE: STATIONING SHOWN IS ALONG GRAVITY SEWER ALIGNMENT.

EXISTING PIPE REMOVAL

STATION	8"	10"	12"	15"	18"	24"	42"	CATCH BASIN
	LN. FT.	LN. FT.	LN. FT.	LN. FT.	LN. FT.	LN. FT.	LN. FT.	EA.
157+50							192	
158+17							46	
158+01								1
159+20					127			
160+10			104					
159+62								1
159+93						15		
160+00								1
160+57								1
161+25						249		
162+25		23						
162+50								1
163+11					121			
163+16	103							
163+71								1
SUBTOTAL (C.S. 000-17)	103	23	104	0	248	264	238	6
TOTAL	103	23	104	0	248	264	238	6

SEWER FORCE MAIN (16")

STATION	STATION	UNRESTRAINED JOINT (FT)	RESTRAINED JOINT (FT)
519+86	544+73	2487	
544+73	546+84		211
TOTAL SEWER (C.S. 000-17)		2487	211

FITTINGS

STATION	DESCRIPTION	WEIGHT (LB)❶
545+67.41	45 DEGREE HORIZONTAL	425
545+77.41	45 DEGREE HORIZONTAL	425
546+83.34	DUCTILE IRON CAP	273
TOTAL SEWER (C.S. 000-17)		1123

❶ WEIGHTS TAKEN FROM AMERICAN DUCTILE IRON FLEX RING FITTINGS.
CONTRACTOR MAY CHOOSE ANY FITTING FROM THE CITY-PARISH QUALIFIED PRODUCTS LIST.

AIR RELEASE VALVES

STATION	DESCRIPTION	EACH
520+97.05	2" CARV	1
531+25.00	2" CARV	1
539+09.05	2" CARV	1
TOTAL SEWER (C.S. 000-17)		3

STATE OF LOUISIANA
MARY FRANCES BRATTON
REG. No. 41444
REGISTERED
PROFESSIONAL ENGINEER
IN
CIVIL ENGINEERING

Mary Bratton
2/1/2023

SHEET NUMBER 3e

PARISH: EAST BATON ROUGE
CONTROL SECTION: 000-17, 258-33, 450-10
STATE PROJECT: H.012232

DESIGNED HLP
CHECKED MFB
DETAILED TW
CHECKED MFB
SERIES NUMBER 6 OF 6

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

SUMMARY OF ESTIMATED QUANTITITES

LA 3064 TO LA 1248 PHASE II

DOTD | Stantec

3/7/2023 10:44:00 AM

FINAL PLANS

SUMMARY OF ESTIMATED QUANTITIES

ITEM	DESCRIPTION	UNIT	Dijon (C.S. 000-17)	Lighting (Dijon) (C.S. 000-17)	Sewer (Dijon) (C.S. 000-17)	Bluebonnet (C.S. 258-33)	I-10 Ramps (C.S. 450-10)	QUANTITY TOTAL				
201-01-00100	Clearing and Grubbing	LUMP	LUMP			LUMP		LUMP				
202-01-00100	Removal of Structures and Obstructions	LUMP	LUMP			LUMP	LUMP	LUMP				
202-02-00010	Removal of Dead End Road Installation	EACH	1					1				
202-02-02020	Removal of Asphalt Pavement	SQYD					142.8	142.8				
202-02-05000	Removal of Building (26,500 SQFT Structure Near Sta. 161+50, Rt.)	EACH	1					1				
202-02-06060	Removal of Concrete Catch Basin	EACH	6					6				
202-02-06100	Removal of Concrete Walks and Drives	SQYD	6,418					6,418				
202-02-06140	Removal of Curbs (Concrete)	LNFT	53			1,070	567	1,690				
202-02-12000	Removal of Fence	LNFT	811					811				
202-02-32140	Removal of Pipe (Storm Drain) (See EXISTING PIPE REMOVAL Table)	LNFT	980					980				
202-02-32500	Removal of Portland Cement Concrete Pavement	SQYD	246				125	371				
202-02-38200	Removal of Signs	EACH	2			5	6	13				
202-02-40100	Removal of Traffic Signal Equipment	LUMP	LUMP				LUMP	LUMP				
203-01-00100	General Excavation	CUYD	26,939			485	563	27,987				
203-03-00100	Embankment	CUYD	130,858			1	300	131,159				
203-04-00300	Nonplastic Embankment (Stone)	CUYD					7	7				
203-08-00100	Geotextile Fabric	SQYD					59	59				
203-11-00100	Settlement Plate Installation and Monitoring	EACH	10					10				
204-02-00100	Temporary Hay Bales	EACH	630					630				
204-05-00100	Temporary Sediment Check Dams (Hay)	EACH	2					2				
204-06-00100	Temporary Silt Fencing	LNFT	7,315			110	460	7,885				
302-02-06070	Class II Base Course (6" Thick) (Crushed Stone or Recycled Portland Cement Concrete)	SQYD	564.9			1,176.3		1,741.2				
302-02-08020	Class II Base Course (8" Thick) (Crushed Stone)	SQYD	21,876.3					21,876.3				
302-02-08570	Class II Base Course (8-1/2" Thick) (Crushed Stone or Recycled Portland Cement Concrete)	SQYD					1,227.6	1,227.6				
304-01-00100	Lime	TON	23.11			16.67	17.41	57.19				
304-05-00100	Lime Treatment (Type E)	SQYD	1,630			1,176	1,228	4,034				
402-03-00100	Non-Mainline Traffic Maintenance Surfacing (Aggregate) (Vehicular Measurement)	CUYD	100					100				
502-01-00100	Asphalt Concrete	TON	5,929.5					5,929.5				
601-01-00100	Portland Cement Concrete Pavement (8" Thick)	SQYD	10.3			688.6		698.9				
601-01-00300	Portland Cement Concrete Pavement (9" Thick)	SQYD	540.6					540.6				
601-01-00500	Portland Cement Concrete Pavement (10" Thick)	SQYD					944.1	944.1				
601-03-00700	Portland Cement Concrete Shoulder (8" Thick)	SQYD				383.8		383.8				
601-03-01100	Portland Cement Concrete Shoulder (10" Thick)	SQYD					242.8	242.8				
701-01-01143	Cross Drain Pipe (72" RCP/RPVCP)	LNFT	522					522				
701-01-02220	Cross Drain Pipe (60" RCP or 72" CMP)	LNFT	120					120				
701-03-01002	Storm Drain Pipe (15" RCP/RPVCP)	LNFT	1,324					1,324				
701-03-01022	Storm Drain Pipe (18" RCP/RPVCP)	LNFT	2,696					2,696				
701-03-01042	Storm Drain Pipe (24" RCP/RPVCP)	LNFT	427					427				
701-03-01062	Storm Drain Pipe (30" RCP/RPVCP)	LNFT	145					145				
701-03-01082	Storm Drain Pipe (36" RCP/RPVCP)	LNFT	308					308				
701-03-01092	Storm Drain Pipe (42" RCP/RPVCP)	LNFT	511					511				
701-03-01120	Storm Drain Pipe (54" RCP)	LNFT	218					218				
701-03-01160	Storm Drain Pipe (72" RCP)	LNFT	323					323				
701-03-02140	Storm Drain Pipe (Outfall) (54" CMP)	LNFT	28					28				
701-04-01100	Storm Drain Pipe Arch (42" Equiv. RCPA)	LNFT	107					107				
701-04-02040	Storm Drain Pipe Arch (Outfall) (24" Equiv. CMPA)	LNFT	46					46				
701-07-00100	Yard Drain Pipe (4")	LNFT	518					518				

SHEET NUMBER 3f

PARISH	CONTROL SECTION	STATE PROJECT
EAST BATON ROUGE		H.012232.6

DATE 3/7/23
SHEET 1 OF 5

SUMMARY OF ESTIMATED QUANTITIES

DOTD ROAD DESIGN

SUMMARY OF ESTIMATED QUANTITIES

ITEM	DESCRIPTION	UNIT	Dijon (C.S. 000-17)	Lighting (Dijon) (C.S. 000-17)	Sewer (Dijon) (C.S. 000-17)	Bluebonnet (C.S. 258-33)	I-10 Ramps (C.S. 450-10)	QUANTITY TOTAL				
701-14-00100	Cleaning Existing Pipes	LNFT	570					570				
701-17-00100	Trench Excavation Safety Protection (Depth >5 feet)	LNFT	6,775		2,261			9,036				
702-02-00100	Manholes (MH-06)	EACH	15					15				
702-03-00100	Catch Basins (CB-01)	EACH	11					11				
702-03-00500	Catch Basins (CB-06)	EACH	36					36				
702-03-00600	Catch Basins (CB-07)	EACH	2					2				
702-03-00700	Catch Basins (CB-08)	EACH	13					13				
702-03-01000	Catch Basins (CB-2TOP02)	EACH	1					1				
702-04-00200	Adjusting Catch Basins	EACH	1					1				
702-04-01000	Capping Existing Catch Basin or Manhole	EACH	1					1				
703-01-00100	Shoulder Underdrain Systems	LNFT	5,914					5,914				
706-01-00100	Concrete Walk (4" Thick)	SQYD	3,158.5					3,158.5				
706-01-00300	Concrete Walk (6" Thick)	SQYD	440.8					440.8				
706-02-00200	Concrete Drive (6" Thick)	SQYD	542.7					542.7				
706-03-00300	Incidental Concrete Paving (6" Thick)	SQYD	6.2				54.9	61.1				
706-03-00700	Incidental Concrete Paving (10" Thick)	SQYD	71.1					71.1				
706-04-00110	Curb Ramps (Type 6)	SQYD	34.7					34.7				
707-01-00100	Concrete Curb	LNFT	361.5			553	78.4	992.9				
707-03-00100	Combination Concrete Curb and Gutter	LNFT	11,415.4					11,415.4				
708-01-00100	Right-of-Way Monument	EACH	32					32				
711-01-05000	Riprap (130 lb, 24" Thick)	SQYD	352					352				
711-04-00100	Geotextile Fabric	SQYD	352					352				
713-01-00100	Temporary Signs and Barricades	LUMP	LUMP			LUMP	LUMP	LUMP				
713-02-00100	Temporary Pavement Markings (4" Width)	LNFT	158					158				
713-02-00500	Temporary Pavement Markings (24" Width)	LNFT	24					24				
714-01-00100	Slab Sodding (Bermuda Grass)	SQYD	3,281					3,281				
717-01-00100	Seeding	LB	192			12	2	206				
718-01-00100	Fertilizer	LB	6,413			397	75	6,885				
719-01-01080	Plants (Tree) (Balled and Burlapped) (3 inch cal) (Live Oak)	EACH	30					30				
719-01-01080	Plants (Tree) (Balled and Burlapped) (3 inch cal) (Nutall Oak)	EACH	22					22				
719-01-01080	Plants (Tree) (Balled and Burlapped) (3 inch cal) (Sweetbay Magnolia)	EACH	18					18				
719-01-01080	Plants (Tree) (Balled and Burlapped) (3 inch cal) (Wilow Oak)	EACH	27					27				
722-01-00100	Project Site Laboratory	EACH	1					1				
726-01-00100	Bedding Material	CUYD	1,324.9					1,324.9				
727-01-00100	Mobilization	LUMP	LUMP	LUMP	LUMP	LUMP	LUMP	LUMP				
729-01-00100	Sign (Type A)	SQFT	196			127.7	140.8	464.5				
729-01-00101	Sign (Type A)(Install)	SQFT	86				44	130				
729-04-00100	Sign (Type D)	SQFT	95				45.2	140.2				
729-06-00100	Sign (Overhead Mounted)	SQFT				70		70				
729-08-00100	Mounting (2 1/2" Size Post)	EACH	7			2	2	11				
729-08-00200	Mounting (3 1/2" Size Post)	EACH				4		4				
729-08-00600	Mounting (W6 x 12 Size Post)	EACH					8	8				
729-08-00700	Mounting (W8 x 18 Size Post)	EACH	2					2				
729-13-00100	Mounting (Bridge Fascia Mounted)	EACH				1		1				
729-22-00100	Square Tubing Post with 2-1/4" Anchor	EACH	6			1		7				

SHEET NUMBER 3g

PARISH	CONTROL SECTION	STATE PROJECT
EAST BATON ROUGE		H.012232.6

DATE 3/7/23
SHEET 2 OF 5

SUMMARY OF ESTIMATED QUANTITIES

DOTD ROAD DESIGN

SUMMARY OF ESTIMATED QUANTITIES

ITEM	DESCRIPTION	UNIT	Dijon (C.S. 000-17)	Lighting (Dijon) (C.S. 000-17)	Sewer (Dijon) (C.S. 000-17)	Bluebonnet (C.S. 258-33)	I-10 Ramps (C.S. 450-10)	QUANTITY TOTAL				
731-02-00100	Reflectorized Raised Pavement Markers	EACH	319			213	386	918				
732-01-02080	Plastic Pavement Striping (24" Width) (Thermoplastic 125 mil)	LNFT	317			272	889	1,478				
732-02-02000	Plastic Pavement Striping (Solid Line) (4" Width) (Thermoplastic 90 mil)	MILE	2.265			0.678	0.231	3.174				
732-02-02040	Plastic Pavement Striping (Solid Line) (8" Width) (Thermoplastic 90 mil)	MILE	0.187			0.11	0.398	0.695				
732-03-02000	Plastic Pavement Striping (Broken Line) (4" Width) (Thermoplastic 90 mil)	MILE	1.049			0.498	0.169	1.716				
732-03-02010	Plastic Pavement Striping (Dotted Line)(4" W)(2' L)(Thermo 90 mil)	MILE	0.063			0.021		0.084				
732-03-02030	Plastic Pavement Striping (Dotted Line)(8" W)(2' L)(Thermo 90 mil)	MILE	0.105			0.211	0.034	0.35				
732-04-01020	Plastic Pavement Legends and Symbols (Arrow - Straight)	EACH	2			1		3				
732-04-01040	Plastic Pavement Legends and Symbols (Arrow - Double)	EACH	2			1	2	5				
732-04-01080	Plastic Pavement Legends and Symbols (Arrow - Left Turn)	EACH	9			8	2	19				
732-04-01100	Plastic Pavement Legends and Symbols (Arrow - Right Turn)	EACH	4				4	8				
732-04-15020	Plastic Pavement Legends and Symbols (ONLY)	EACH	2					2				
732-05-00100	Removal of Existing Markings	MILE	0.06			0.027		0.087				
736-01-00100	Trenching and Backfilling	LNFT	2,280				485	2,765				
736-03-00100	Jacking or Boring for Conduit	LNFT	2,225				1,020	3,245				
736-04-00001	Signal Pole (Pedestal Pole)	EACH	1					1				
736-05-30000	Signal Heads (3 Section, 12 inch Led Lens, R, Y, G)	EACH	8				12	20				
736-05-30004	Signal Heads (3 Section, 12 inch Led Lens, R, R, Y)	EACH	5					5				
736-05-31001	Signal Heads (3 Sec, 12 inch Led Lens, LT. R, LT. Y, LT. G)	EACH	4				6	10				
736-05-35001	Signal Heads (3 Sec, 12 inch Led Lens, RT. R, RT. Y, RT. G)	EACH					3	3				
736-05-41000	Signal Heads (4 Section, 12" Led Lens, R, Y, LT. G, G)	EACH	1				2	3				
736-05-55000	Signal Heads (5 Section, 12 inch Led Lens, R, Y, RT. Y, G, RT. G)	EACH	3					3				
736-06-00100	Signal Service	EACH					1	1				
736-06-00300	Signal Service With Separate Disconnect for Street Lights	EACH	1					1				
736-06-00500	Signal Service Pedestal Disconnect	EACH	1				1	2				
736-08-00102	Signal Controller (980 ATC, Type 2)(Furnish & Install)	EACH	2				1	3				
736-10-00200	Underground Junction Box (Type E)	EACH	1					1				
736-10-00300	Underground Junction Box (Type F)	EACH	13				9	22				
736-10-00400	Underground Junction Box (Type G)	EACH	2				1	3				
736-10-00600	Underground Junction Box (Type I)	EACH	8					8				
736-10-00700	Underground Junction Box (Type J)	EACH	1				2	3				
736-11-00200	Conduit (2" HDPE, Schedule 80)	LNFT	3,360					3,360				
736-11-00300	Conduit (3" HDPE, Schedule 80)	LNFT	1,600				2,600	4,200				
736-12-02006	Conductor (2c, #6 awg)	LNFT	250					250				
736-12-02014	Conductor (2c, #14 awg)	LNFT	170					170				
736-12-03006	Conductor (3c, 6 gauge / #6 awg)	LNFT	395				370	765				
736-12-06014	Conductor (6c, #14 awg)	LNFT	1,915				1,025	2,940				
736-12-10014	Conductor (10c, #14 awg)	LNFT	2,365				6,860	9,225				
736-15-02400	Signal Support (Foundation, 24 inch Minimum Diameter)	EACH	1					1				
736-21-00000	LED Pedestrian Countdown Signal Head	EACH	2					2				
737-05-00002	Painted Curbs	LNFT	179					179				
740-01-00100	Construction Layout	LUMP	LUMP	LUMP	LUMP	LUMP	LUMP	LUMP				
822-01-00100	Trenching and Backfilling	LNFT		6,676				6,676				
822-02-00300	Conduit w Conductors (PVC/HDPE) (1-1/4") (3#8 AWG XHHW-2 Conductors, 1#8 Bare Stranded Ground) (Underground)	LNFT		3,403				3,403				
822-02-00400	Conduit w Conductors (PVC/HDPE) (1-1/2") (3#4 AWG XHHW-2 Conductors, 1#4 Bare Stranded Ground) (Underground)	LNFT		1,812				1,812				
822-02-00500	Conduit w Conductors (PVC/HDPE) (2") 3#2 AWG XHHW-2 Conductors, 1#2 Bare Stranded Ground) (Underground)	LNFT		5,832				5,832				
822-02-00600	Conduit w Conductors (PVC/HDPE) (2-1/2") (3#1/0 AWG XHHW-2 Conductors) (Underground)	LNFT		150				150				

SHEET NUMBER 3h

EAST BATON ROUGE | PARISH | CONTROL SECTION | STATE PROJECT H.012232.6

DATE 3/7/23 | SHEET 3 OF 5

SUMMARY OF ESTIMATED QUANTITIES

DOTD ROAD DESIGN

SUMMARY OF ESTIMATED QUANTITIES

ITEM	DESCRIPTION	UNIT	Dijon (C.S. 000-17)	Lighting (Dijon) (C.S. 000-17)	Sewer (Dijon) (C.S. 000-17)	Bluebonnet (C.S. 258-33)	I-10 Ramps (C.S. 450-10)	QUANTITY TOTAL				
822-02-02300	Conduit w Conductors (Rigid Galv Steel) (1-1/4") (3#8 AWG XHHW-2	LNFT		20				20				
	Conductors, 1#8 Bare Stranded Ground) (On Structure)											
822-02-02500	Conduit w Conductors (Rigid Galv Steel) (2") (3#1/0 AWG XHHW-2	LNFT		30				30				
	Conductors, 1#2 Green Ground) (On Structure)											
822-02-02500	Conduit w Conductors (Rigid Galv Steel) (2") (3#2 AWG XHHW-2	LNFT		80				80				
	Conductors, 1#2 Bare Stranded Ground) (On Structure)											
822-02-02600	Conduit w Conductors (Rigid Galv Steel) (2-1/2") (3#1/0 AWG XHHW-2	LNFT		20				20				
	Conductors) (On Structure)											
822-04-00200	Jacked or Bored Casing (6" Dia) (PVC/HDPE)	LNFT		628				628				
822-05-02100	Light Pole (Aluminum, 35 Foot Mnt. Ht., 8' Single Truss Arm, Aluminum	EACH		36				36				
	Break. Trans. Base, Conc. Drill Shaft, Conc. Mowing Apron)											
822-07-02800	Luminaire (Lowmast, 180 Watt LED, 120 Volt, IES Medium, Cutoff, Type	EACH		36				36				
	II Roadway Distribution, Single Fusing, UL Listed Grey)											
822-08-00200	Electrical Service Point (Structure)	EACH		1				1				
822-15-02100	Relocate Light Poles	EACH				1		1				
822-16-00100	Underground Junction Box (12" x 12")	EACH		36				36				
822-16-00300	Underground Junction Box (13" x 24")	EACH		8				8				
822-16-00400	Underground Junction Box (17" x 30")	EACH		2				2				
822-16-00400	Underground Junction Box (30" x 30")	EACH		1				1				
822-19-00100	Modular Breakaway Cable System	EACH		36				36				
822-20-00100	Disconnect (Service) (Fused)	EACH		1				1				
822-21-00100	Duct Marker (Concrete)	EACH		10				10				
822-22-00300	Underground Marker Tape (6")(Detectable)	LNFT		6,676				6,676				
NS-600-00220	Saw Cutting Portland Cement Concrete Pavement	INLF	6,395			5,600	9,760	21,755				
NS-736-00001	GPS	EACH	2				1	3				
NS-736-00003	Managed Ethernet Switch	EACH	2				1	3				
NS-736-00130	TS-2 Traffic Signal Cabinet (Ground Mounted)	EACH	2				1	3				
NS-736-00133	Battery Back-up System for Traffic Signals	EACH	2				1	3				
NS-736-00135	2-Wire Accessible Pedestrian Pushbutton Detectors	EACH	2					2				
NS-736-00136	2-Wire Accessible Pedestrian Pushbutton Cabinet Control	EACH	1					1				
NS-DEV-73280	MMA Pavement Marking (Green Bike Lanes/Bike Boxes)	SQYD	24					24				
NS-ITS-01121	CCTV Camera Assembly, Furnish and Install with PTZ, Digital	EACH					1	1				
NS-ITS-04020	Fiber Optic Cable, SM, Furnish & Install, 13-48 Fibers	LNFT	3,440					3,440				
NS-ITS-04035	Fiber Optic Fan Out Kits, SM, 12 Strand, Furnish & Install	EACH	2				2	4				
NS-ITS-04180	Fiber Optic Connection, Install, Splice	EACH	60				8	68				
NS-ITS-04200	Fiber Optic Connection, Termination, Furnish & Install	EACH	24				24	48				
NS-ITS-04250	Fiber Optic Drop Cable, SM, 12 Strand, Furnish & Install	LNFT	540				580	1,120				
NS-ITS-04290	Fiber Optic Patch Cord, SM, 2 Strand, Furnish & Install	EACH	4				2	6				
NS-ITS-04360	Fiber Optic Connection Splice Tray, Furnish & Install	EACH	5				2	7				
NS-ITS-04425	Fiber Optic Connection Patch Panel, Outdoor, Furnish & Install	EACH	2				2	4				
NS-ITS-05025	Splice Closure, Outdoor, Furnish & Install	EACH	1				1	2				
NS-ITS-12000	Communications System Integration	LUMP	LUMP				LUMP	LUMP				
NS-ITS-13200	As-Builts	LUMP	LUMP					LUMP				
TS-203-00006	Exploratory Excavation for Traffic Signal Foundation	EACH	4				5	9				
TS-702-00126	48" Sanitary Sewer Manhole	EACH			15			15				
TS-736-10300	Signal Support (Mast Arm Standard w/ 30 ft arm)	EACH	2					2				
TS-736-10450	Signal Support (Mast Arm Standard w/ 45 ft arm)	EACH	1					1				
TS-736-10500	Signal Support (Mast Arm Standard w/ 50 ft arm)	EACH					1	1				
TS-736-10550	Signal Support (Mast Arm Standard w/ 55 ft arm)	EACH	2				2	4				
TS-736-10600	Signal Support (Mast Arm Standard w/ 60 ft arm)	EACH	1				1	2				
TS-736-10700	Signal Support (Mast Arm Standard w/ 70 ft arm)	EACH					1	1				
TS-736-11250	Additional Mast Arm (25 ft. arm)	EACH	1					1				
TS-736-11350	Additional Mast Arm (35 ft. arm)	EACH					1	1				
TS-736-11450	Additional Mast Arm (45 ft. arm)	EACH					1	1				
TS-736-12008	Luminaire Arm w/LED Luminaire (8 ft. arm)	EACH	2					2				
TS-736-15002	GPS Based Traffic Signal Preemption System (With Existing Fiber	EACH	1				1	2				
	Communication)											
TS-736-36200	Video Detection System (6 Camera System)	EACH					1	1				

SHEET NUMBER 31

PARISH	CONTROL SECTION	STATE PROJECT
EAST BATON ROUGE		H.012232.6

DATE 3/7/23
SHEET 4 OF 5

SUMMARY OF ESTIMATED QUANTITIES

DOTD ROAD DESIGN

SUMMARY OF ESTIMATED QUANTITIES

ITEM	DESCRIPTION	UNIT	Dijon (C.S. 000-17)	Lighting (Dijon) (C.S. 000-17)	Sewer (Dijon) (C.S. 000-17)	Bluebonnet (C.S. 258-33)	I-10 Ramps (C.S. 450-10)	QUANTITY TOTAL				
TS-736-36200	Video Detection System (7 Camera System)	EACH	1					1				
TS-742-60010	Fittings	LB			1,123			1,123				
TS-742-60011	Air Release/Vacuum Valve (2")	EACH			3			3				
TS-742-60012	Unrestrained Joint Sewer Force Main (16")	LNFT			2,487			2,487				
TS-742-60013	Restrained Joint Sewer Force Main (16")	LNFT			211			211				
TS-742-60014	24" Jacked and Bored Casing Pipe Including Carrier Pipe	LNFT			65			65				
TS-742-60024	Force Main Tie-in (16")	EACH			1			1				
TS-742-61006	Sanitary Sewer Pipe (12") (PVC)	LNFT			2,196			2,196				
TS-742-80109	Sand-Aggregate for Secondary Backfill	CUYD			610			610				

SHEET NUMBER 3j

PARISH	CONTROL SECTION	STATE PROJECT
EAST BATON ROUGE		H.012232.6

DATE	SHEET
3/7/23	5 OF 5

SUMMARY OF ESTIMATED QUANTITIES

DOTD ROAD DESIGN

02-FEB-2023 14:44

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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

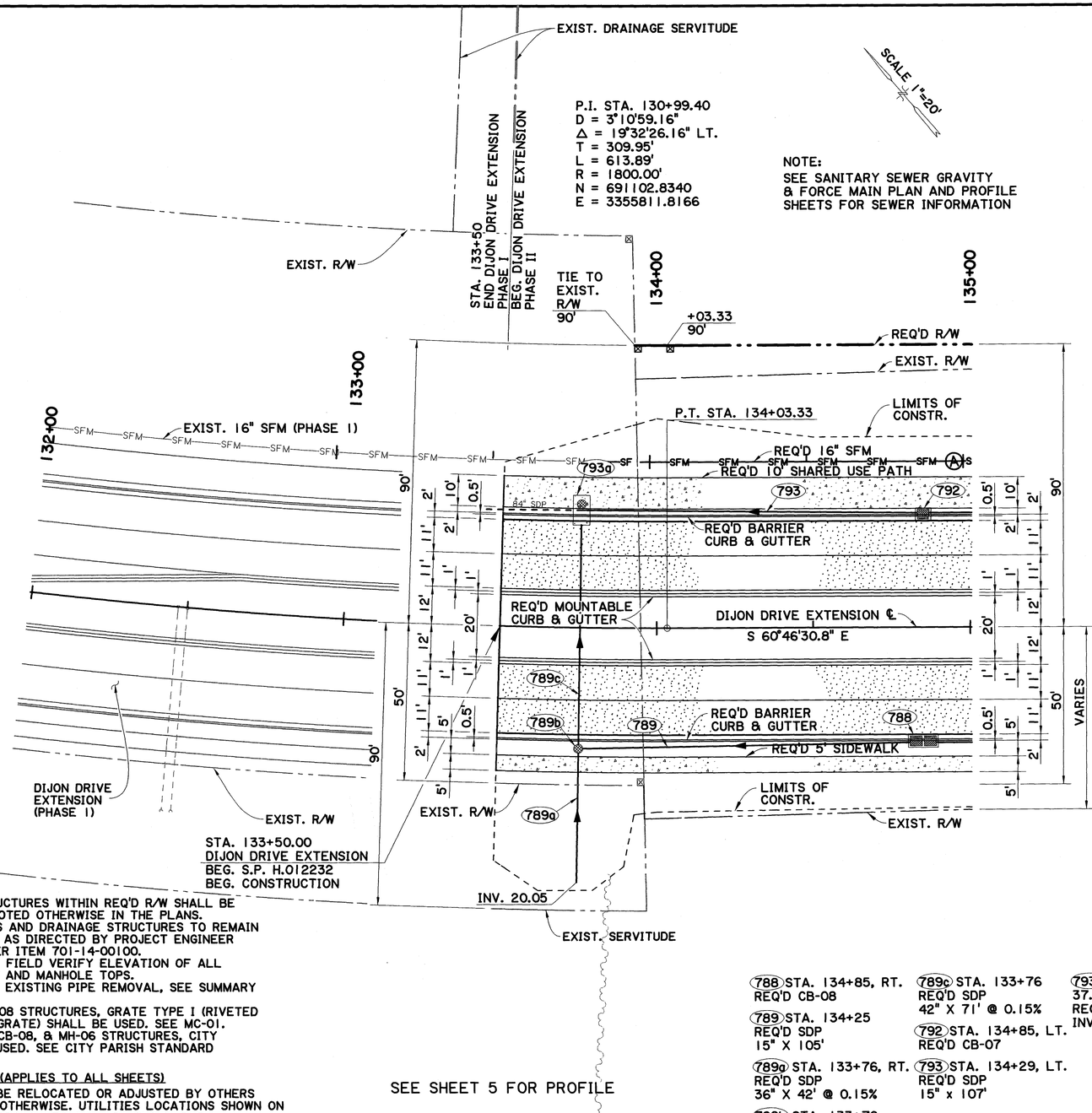
GAS LINE
GAS METER
GAS SERVICE (NO METER)
GAS REGULATOR
GAS RISER
GAS TEST BOX
GAS VALVE
GAS LINE/CASING
GAS VENT
RAILROAD MILEPOST
RAILROAD SIGNAL
RAILROAD SWITCH
RAILROAD TRACK
RR TRAFFIC SIGNAL BOX
SEWER LINE
SEWER MANHOLE TOP
SEWER BLOWOUT VALVE
SEWER CLEANOUT
SEPTIC TANK
SEWER PUMP (PRIVATE)
SEWER 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

PROPOSED LEGEND

EXISTING PAVEMENT TO REMAIN
PAVEMENT REMOVAL
DRIVEWAY REMOVAL
ASPHALT CONSTRUCTION
CONCRETE CONSTRUCTION
SANITARY SEWER FORCE MAIN
SANITARY GRAVITY SEWER
SANITARY GRAVITY SEWER MANHOLE
REQUIRED DITCH

GENERAL NOTES

1. FULL DEPTH SAWCUTS WILL BE REQUIRED AT LIMITS OF PAVEMENT, PARKING, DRIVEWAY AND SIDEWALK REMOVAL AND AS SPECIFIED IN PLANS.
2. REMOVAL OF CONCRETE PAVEMENT INCLUDES REMOVAL OF CONCRETE CURB WHERE APPLICABLE.
3. CONTRACTOR IS RESPONSIBLE FOR COORDINATING CONSTRUCTION ACTIVITIES WITH PROPERTY OWNERS, DEPARTMENT OF PUBLIC WORKS, LADOTD, AND UTILITY COMPANIES.
4. EXISTING TRAFFIC SIGNAL EQUIPMENT TO BE REMOVED SHALL BE DELIVERED TO DOTD TRAFFIC OPERATIONS SECTION LOCATED AT 7686 TOM DRIVE BATON ROUGE, LA 70806. THE DISPOSAL OF ANY EQUIPMENT NOT DEEMED SALVAGEABLE SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
5. CLEARING AND GRUBBING SHALL ONLY EXTEND TO THE LIMITS OF CONSTRUCTION. A 50' BUFFER ZONE FROM THE EXISTING DRAINAGE SERVITUDE NEAR WARD'S CREEK MUST BE LEFT UNDISTURBED ON BATON ROUGE GENERAL'S PROPERTY. REFER TO DEPARTMENT OF ARMY PERMIT NO MVN-2001-02659-CC & MVN-2016-00849-CM FOR INFORMATION.
6. REFER TO THE DIJON/MARGARET ANN ROAD PROJECT PHASE II GEOTECH REPORT DATED JUNE 6, 2018 AND THE MEMORANDUM TO THIS REPORT DATED JUNE 18, 2018 FOR GEOTECH INFORMATION. ADDITIONAL GEOTECH WAS ANALYZED FOR THE GRAVITY SEWER IN THE CONSTANTIN/DIJON AVE. PHASE II AND PUMP STATION REPORT DATED MAY 12, 2021. THE LOCATIONS OF THE SOIL BORINGS CAN BE FOUND IN THESE REPORTS.



DRAINAGE NOTES:
1. ALL DRAINAGE STRUCTURES WITHIN REQ'D R/W SHALL BE REMOVED UNLESS NOTED OTHERWISE IN THE PLANS.
2. ALL EXISTING PIPES AND DRAINAGE STRUCTURES TO REMAIN SHALL BE CLEANED AS DIRECTED BY PROJECT ENGINEER AND PAID FOR UNDER ITEM 701-14-00100.
3. CONTRACTOR SHALL FIELD VERIFY ELEVATION OF ALL CATCH BASIN INLET AND MANHOLE TOPS.
4. FOR A SUMMARY OF EXISTING PIPE REMOVAL, SEE SUMMARY SHEETS
5. FOR CB-07 AND CB-08 STRUCTURES, GRATE TYPE I (RIVETED RETICULINE DRAIN GRATE) SHALL BE USED. SEE MC-01.
6. FOR CB-06, CB-07, CB-08, & MH-06 STRUCTURES, CITY COVERS SHALL BE USED. SEE CITY PARISH STANDARD PLAN 702-99.

UTILITIES NOTICE (APPLIES TO ALL SHEETS)

UTILITIES ARE TO BE RELOCATED OR ADJUSTED BY OTHERS UNLESS INDICATED OTHERWISE. UTILITIES LOCATIONS SHOWN ON ANY SHEET ARE APPROXIMATE AND ARE SHOWN FOR INFORMATION PURPOSES ONLY. OTHER UTILITIES MAY EXIST IN THE AREA. CONTRACTOR IS REQUIRED TO REACH LOUISIANA ONE CALL IN ACCORDANCE WITH SUBSECTION 105.06 OF THE SPECIFICATIONS.
CONTRACTOR SHALL CONTACT CITY, PARISH, AND OTHER LOCAL AUTHORITIES FOR ASSISTANCE IN LOCATING EXISTING UTILITIES PRIOR TO DOING ANY EXCAVATION. CONTRACTOR SHALL CONTACT LADOTD TO LOCATE TRAFFIC SIGNAL CABLES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT LOCATION OF UTILITY LINES. IF NECESSARY, BURIED UTILITY LINES SHALL BE EXPOSED BY THE CONTRACTOR. FOR SIGNAL POLE INSTALLATION PAY ITEM TS-203-00006 (EXPLORATORY EXCAVATION FOR TRAFFIC SIGNAL FOUNDATIONS) IS TO BE USED TO EXPOSE UTILITIES. THE COST OF EXPOSING ALL OTHER UTILITY LINES IS INCLUDED IN PAY ITEM 740-01-00100 (CONSTRUCTION LAYOUT).

SEE SHEET 5 FOR PROFILE

(788) STA. 134+85, RT.
REQ'D CB-08

(789) STA. 134+25
REQ'D SDP
15" X 105'

(789a) STA. 133+76, RT.
REQ'D SDP
36" X 42' @ 0.15%

(789b) STA. 133+76
38.5' RT.
REQ'D MH-06

(789c) STA. 133+76
REQ'D SDP
42" X 71' @ 0.15%

(792) STA. 134+85, LT.
REQ'D CB-07

(793) STA. 134+29, LT.
REQ'D SDP
15" x 107'

(793a) STA. 133+76
37.5' LT.
REQ'D MH-06
INV. 19.88

STATE OF LOUISIANA
MARY FRANCES BRATTON
REG. No. 41444
REGISTERED PROFESSIONAL ENGINEER
IN
CIVIL ENGINEERING
Mary Bratton
9/23/2022

SHEET NUMBER 4

PARISH	CONTROL SECTION	STATE PROJECT
EAST BATON ROUGE	000-17	H.012232

DESIGNED	CHECKED	DETAILED	CHECKED	SERIES NUMBER
MFB	GDH	TW	MFB	1 OF 22

NO.	DATE	REVISION OR CHANGE ORDER DESCRIPTION	BY

PLAN SHEET W/ DRAINAGE
(DIJON DRIVE EXTENSION)
LA 3064 TO LA 1248 PHASE II

DOTD
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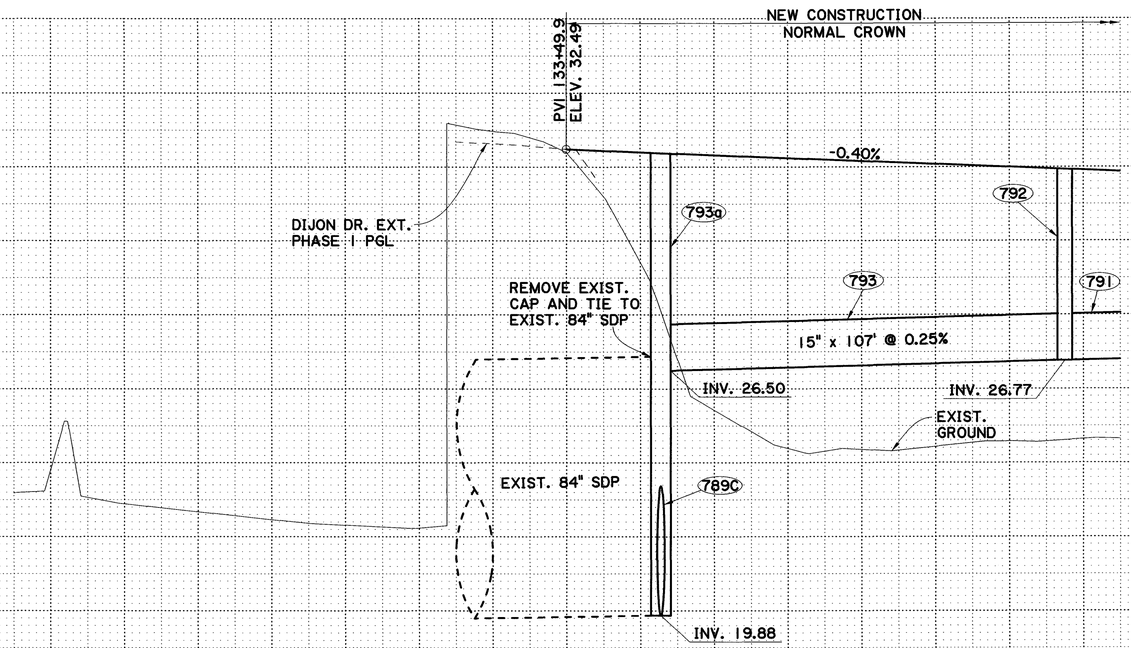

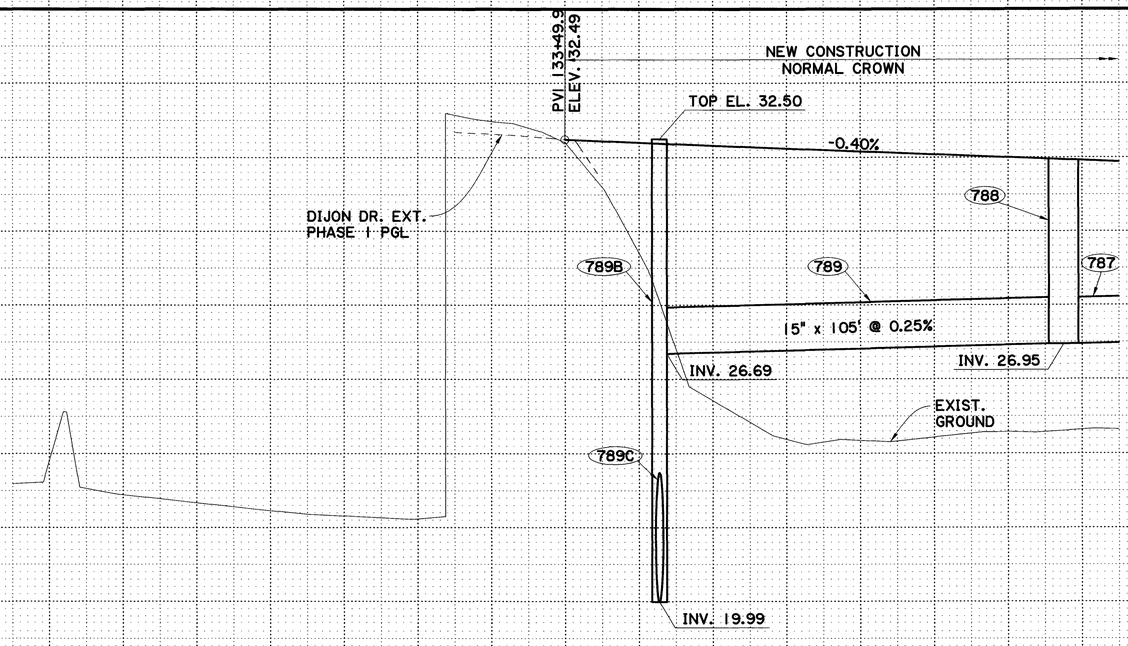

34	32	30	28	26	24	22	20	18	16

33.15	32.81	31.21 32.45	26.83 32.37	24.85 32.29	24.31 32.21	24.34 32.13	24.54 32.04	24.58 31.96	24.65 31.88

132+00 133+00 134+00 135+00

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CIVIL ENGINEERING

Mary Bratton
9/23/2022

SHEET NUMBER	5

PARISH	CONTROL SECTION	STATE PROJECT
EAST BATON ROUGE	000-17	H.012232

DESIGNED / CHECKED	DETAILED / CHECKED	SERIES NUMBER
MFB / GDH	TW / MFB	2 OF 22

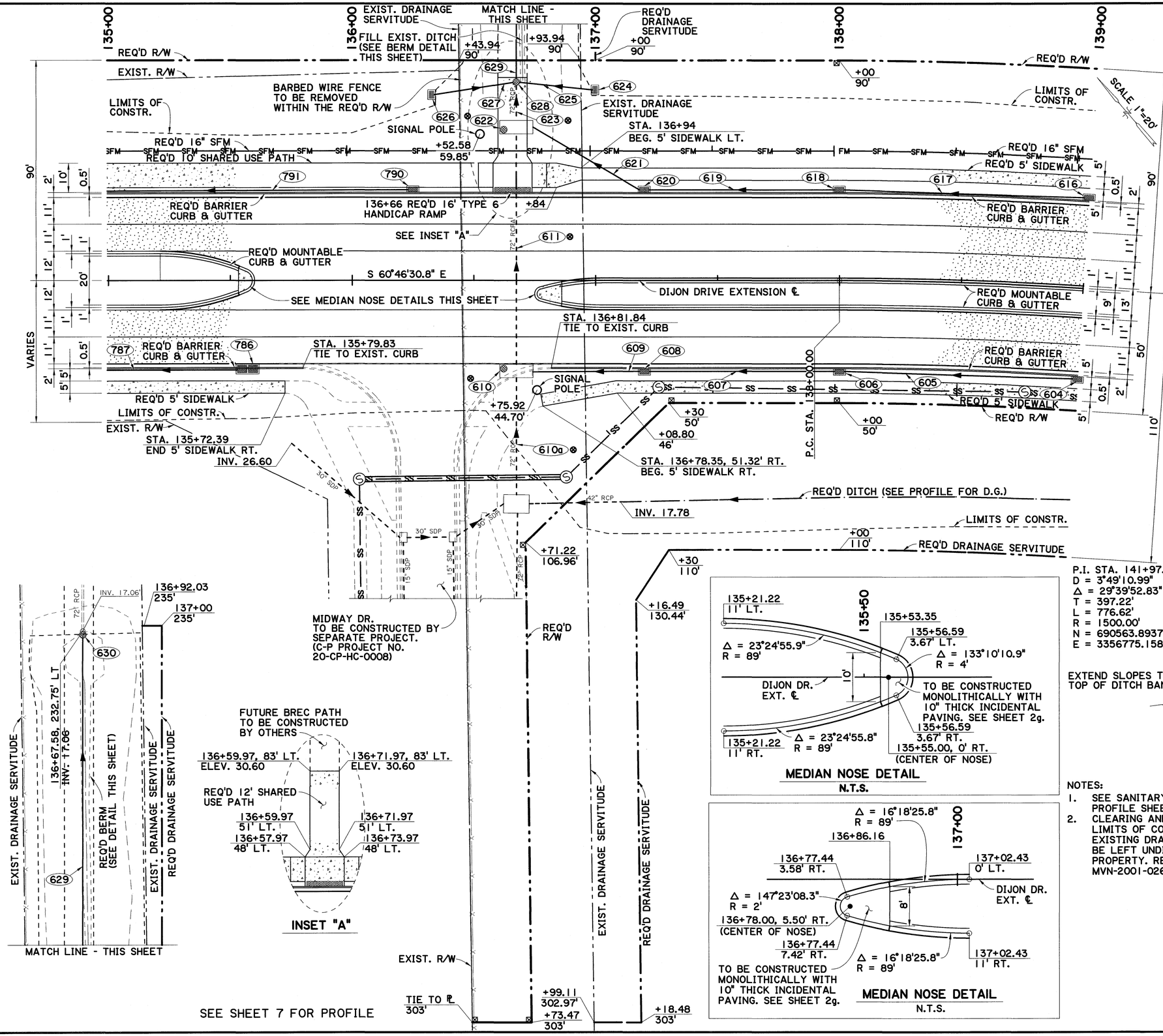
NO.	DATE	REVISION DESCRIPTION	BY

PROFILE SHEET W/ DRAINAGE
(DIJON DRIVE EXTENSION)

LA 3064 TO LA 1248 PHASE II

BOD

Stantec



604 STA. 139+00, RT.
REQ'D CB-06

605 STA. 138+50, RT.
REQ'D SDP
18" x 95'

606 STA. 138+00, RT.
REQ'D CB-06

607 STA. 137+60, RT.
REQ'D SDP
18" x 77'

608 STA. 137+20, RT.
REQ'D CB-06

609 STA. 136+96, RT.
REQ'D SDP
24" x 43'

616 STA. 139+00, LT.
REQ'D CB-06

617 STA. 138+50, LT.
REQ'D SDP
18" x 100'

618 STA. 138+00, LT.
REQ'D CB-06

619 STA. 137+60, LT.
REQ'D SDP
18" x 77'

620 STA. 137+20, LT.
REQ'D CB-06

621 STA. 136+99, LT.
REQ'D SDP
24" x 52'

624 STA. 137+00
78' LT.
REQ'D CB-01
TYPE "C" GRATE
TOP EL. 21.6
INV. 17.36

625 STA. 136+77, LT.
REQ'D SDP
24" x 31' @ 0.25%

626 STA. 136+33
78' LT.
REQ'D CB-01
TYPE "C" GRATE
TOP EL. 21.9
INV. 17.37

627 STA. 136+58, LT.
REQ'D SDP
24" x 34' @ 0.25%

628 STA. 136+67
81' LT.
REQ'D MH-06
TOP EL. 30.62
INV. 17.28

629 STA. 136+67, LT.
REQ'D SDP
72" x 148' @ 0.15%

630 STA. 136+68
234' LT.
REQ'D MH-06
TOP EL. 24.5
INV. 17.06

786 STA. 135+57, RT.
REQ'D CB-08

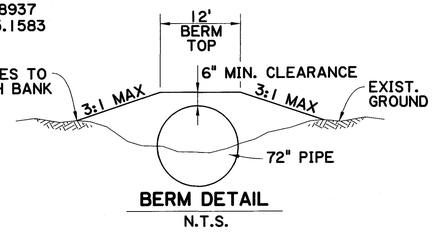
787 STA. 135+21, RT.
REQ'D SDP
15" x 65'

790 STA. 136+25, LT.
REQ'D CB-06

791 STA. 136+56, LT.
REQ'D SDP
15" x 135'

⊗ STRUCTURES TO REMAIN. TO BE CONSTRUCTED BY SEPARATE PROJECT. (C-P PROJECT NO. 20-CP-HC-0008)

P.I. STA. 141+97.22
D = 3°49'10.99"
Δ = 29°39'52.83" RT.
T = 397.22'
L = 776.62'
R = 1500.00'
N = 690563.8937
E = 3356775.1583



NOTES:
1. SEE SANITARY SEWER GRAVITY & FORCE MAIN PLAN AND PROFILE SHEETS FOR SEWER INFORMATION.
2. CLEARING AND GRUBBING SHALL ONLY EXTEND TO THE LIMITS OF CONSTRUCTION. A 50' BUFFER ZONE FROM THE EXISTING DRAINAGE SERVITUDE NEAR WARD'S CREEK MUST BE LEFT UNDISTURBED ON BATON ROUGE GENERAL'S PROPERTY. REFER TO DEPARTMENT OF ARMY PERMIT NO. MVN-2001-02659-CC & MVN-2016-00849-CM FOR INFORMATION.

STATE OF LOUISIANA
MARY FRANCES BRATTON
REG. No. 41444
REGISTERED PROFESSIONAL ENGINEER
IN
CIVIL ENGINEERING
Mary Bratton
2/1/2023

SHEET NUMBER 6
PARISH EAST BATON ROUGE
CONTROL SECTION 000-17
STATE PROJECT H.012232
DESIGNED MFB
CHECKED GDH
DETAILED TW
CHECKED MFB
SERIES NUMBER 3 OF 22
NO. DATE REVISION OR CHANGE ORDER DESCRIPTION BY

PLAN SHEET W/ DRAINAGE (DIJON DRIVE EXTENSION)

LA 3064 TO LA 1248 PHASE II

DOTD

Stantec

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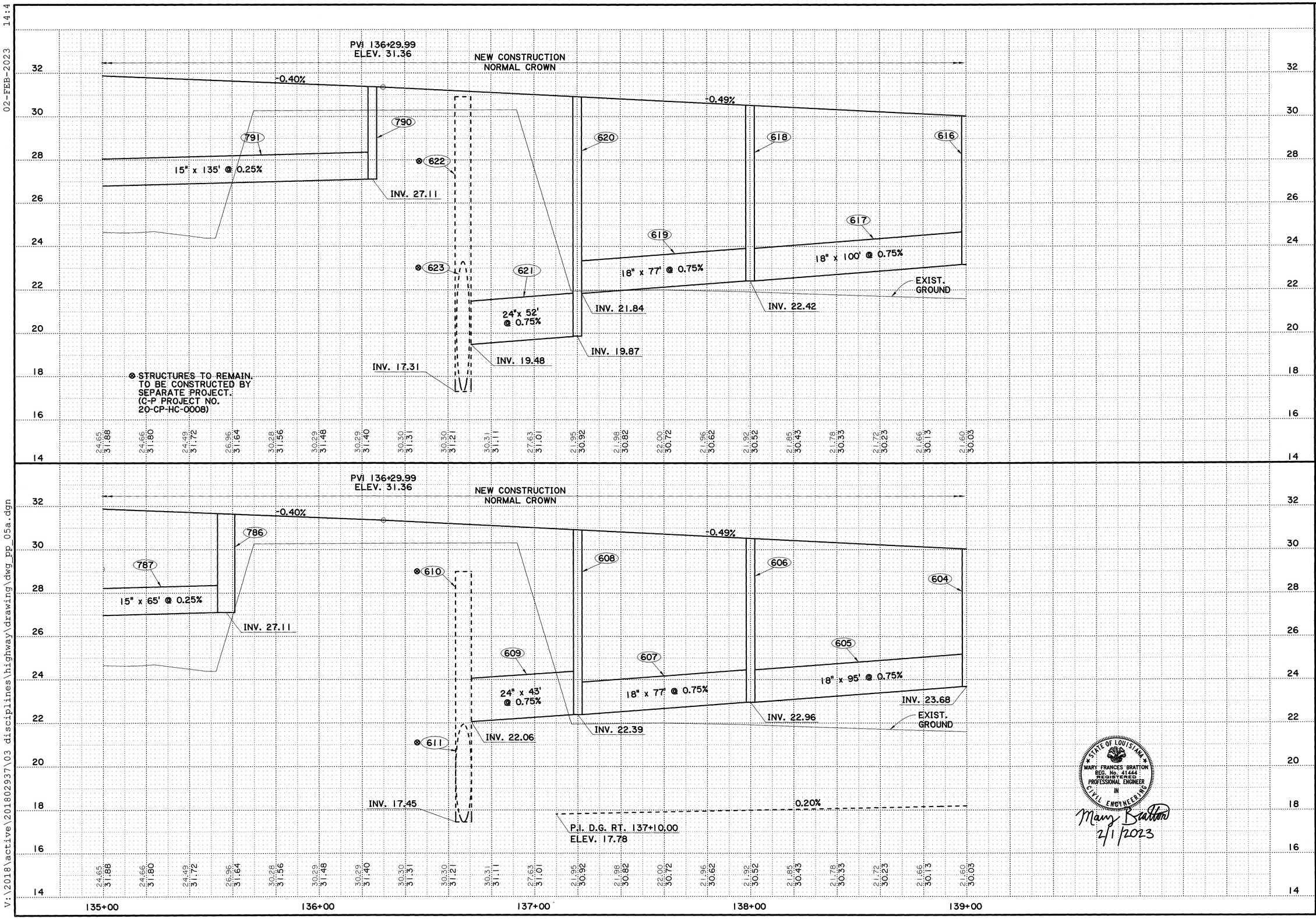

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SHEET NUMBER 7

PARISH	CONTROL SECTION	STATE PROJECT
EAST BATON ROUGE	000-17	H.012232

DESIGNED	CHECKED	DETAILED	CHECKED	SERIES	NUMBER
MFB	GDH	TW	MFB	4 OF 22	

REVISION DESCRIPTION | BY | NO. | DATE

STATE OF LOUISIANA
MARY FRANCES BRATTON
REG. No. 41444
REGISTERED PROFESSIONAL ENGINEER
IN
CIVIL ENGINEERING

Mary Bratton
2/1/2023

PROFILE SHEET W/ DRAINAGE (DIJON DRIVE EXTENSION)

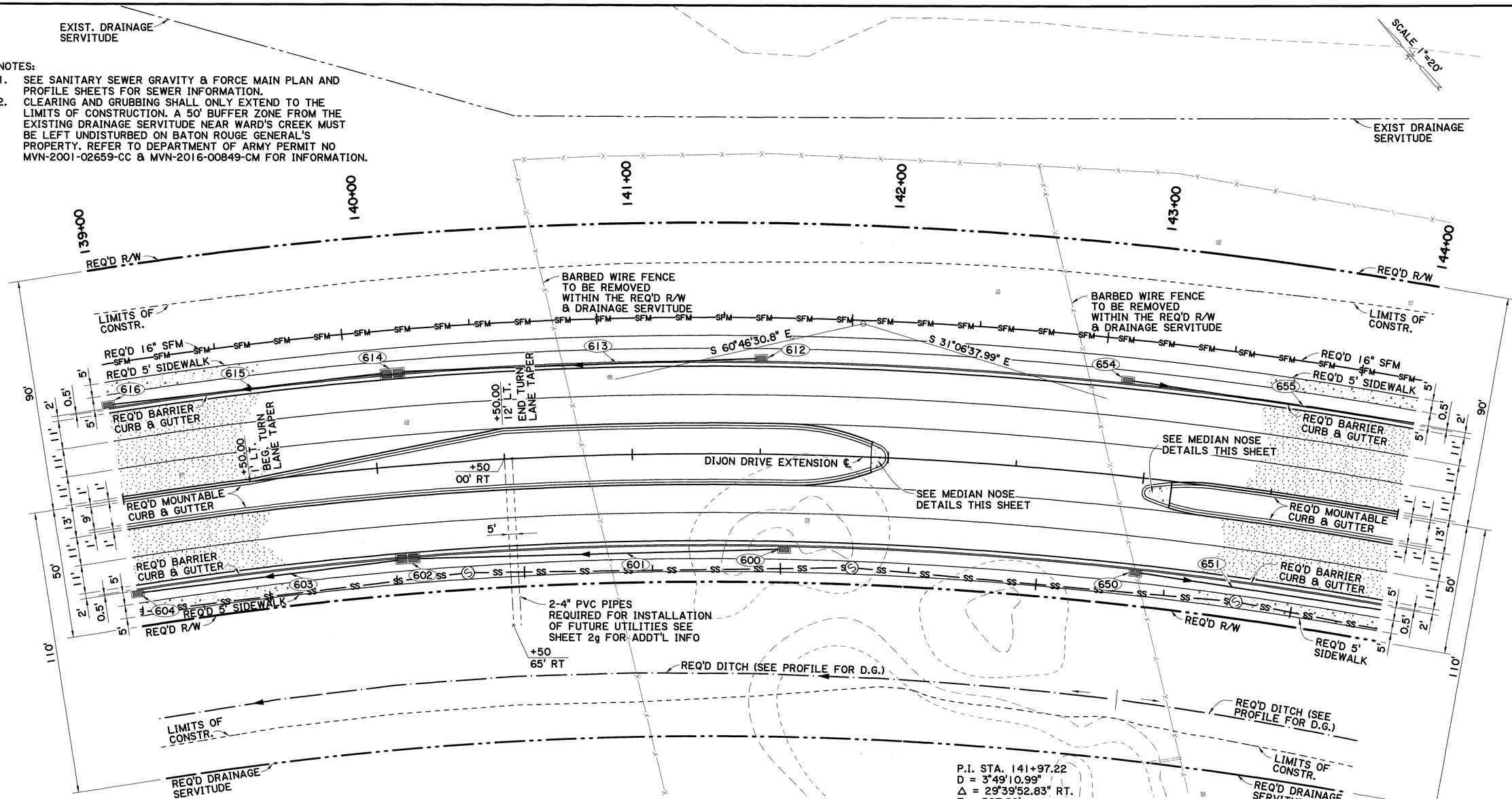
LA 3064 TO LA 1248 PHASE II

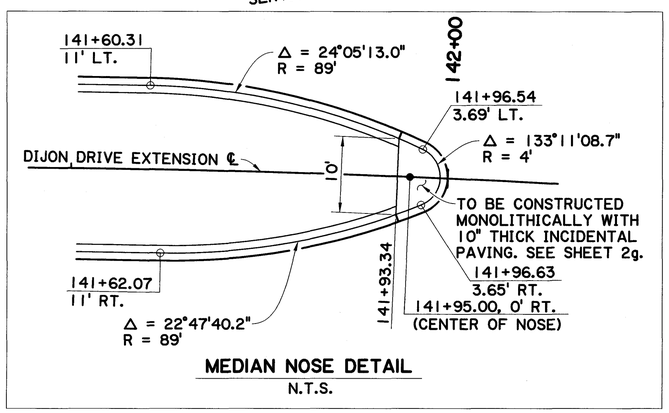
DOTD

Stantec

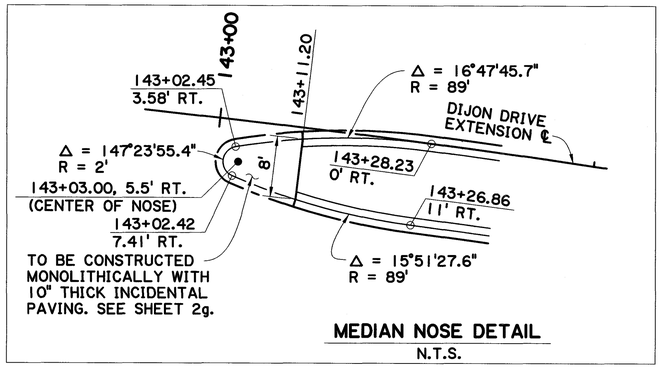
NOTES:

1. SEE SANITARY SEWER GRAVITY & FORCE MAIN PLAN AND PROFILE SHEETS FOR SEWER INFORMATION.
2. CLEARING AND GRUBBING SHALL ONLY EXTEND TO THE LIMITS OF CONSTRUCTION. A 50' BUFFER ZONE FROM THE EXISTING DRAINAGE SERVITUDE NEAR WARD'S CREEK MUST BE LEFT UNDISTURBED ON BATON ROUGE GENERAL'S PROPERTY. REFER TO DEPARTMENT OF ARMY PERMIT NO MVN-2001-02659-CC & MVN-2016-00849-CM FOR INFORMATION.





MEDIAN NOSE DETAIL
N.T.S.



MEDIAN NOSE DETAIL
N.T.S.

P.I. STA. 141+97.22
D = 3°49'10.99"
Δ = 29°39'52.83" RT.
T = 397.22'
L = 776.62'
R = 1500.00'
N = 690563.8937
E = 3356775.1583

600	STA. 141+60, RT. REQ'D CB-06	614	STA. 140+09, LT. REQ'D CB-08
601	STA. 140+85, RT. REQ'D SDP 18" x 142'	615	STA. 139+53, LT. REQ'D SDP 18" x 107'
602	STA. 140+09, RT. REQ'D CB-08	650	STA. 143+01, RT. REQ'D CB-06
603	STA. 139+51, RT. REQ'D SDP 18" x 101'	651	STA. 143+63, RT. REQ'D SDP 18" x 118'
612	STA. 141+50, LT. REQ'D CB-06	654	STA. 142+90, LT. REQ'D CB-06
613	STA. 140+81, LT. REQ'D SDP 18" x 139'	655	STA. 143+58, LT. REQ'D SDP 18" x 135'

SEE SHEET 9 FOR PROFILE

STATE OF LOUISIANA
MARY FRANCES BRATTON
REG. No. 41444
REGISTERED PROFESSIONAL ENGINEER
IN
CIVIL ENGINEERING
Mary Bratton
2/1/2023

SHEET NUMBER	8
PARISH	EAST BATON ROUGE
CONTROL SECTION	000-17
STATE PROJECT	H.012232
DESIGNED MFB CHECKED GDH	
DETAILED TW CHECKED MFB	
SERIES NUMBER	5 OF 22

NO.	DATE	REVISION OR CHANGE ORDER DESCRIPTION	BY

PLAN SHEET W/ DRAINAGE
(DIJON DRIVE EXTENSION)

LA 3064 TO LA 1248 PHASE II

DOTD

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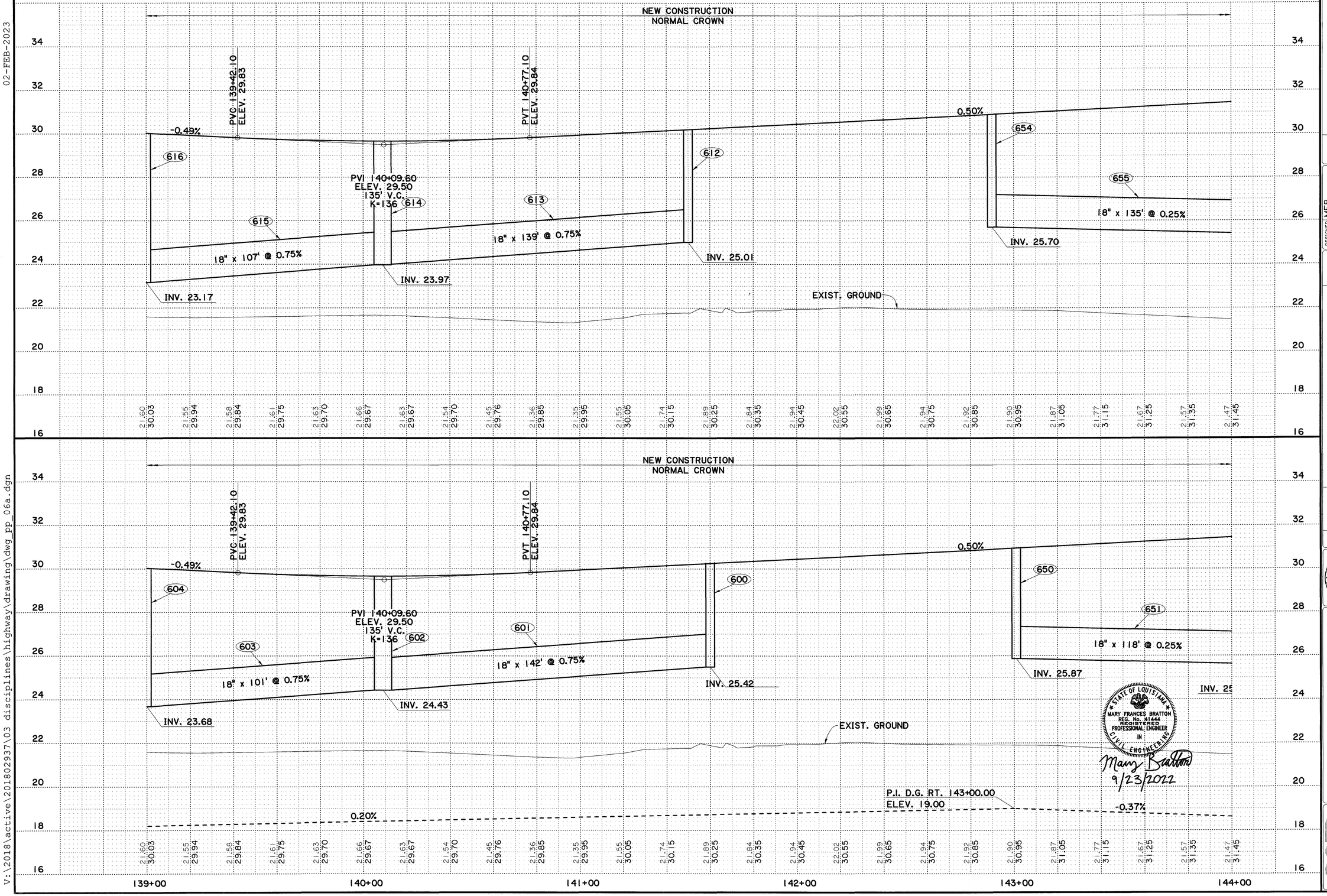


SHEET NUMBER	9
PARISH	EAST BATON ROUGE
CONTROL SECTION	000-17
STATE PROJECT	H.012232
DESIGNED	MFB
CHECKED	GDH
DETAILED	TW
CHECKED	MFB
SERIES NUMBER	6 OF 22

NO.	REVISION DESCRIPTION	BY	DATE

STATE OF LOUISIANA
DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT

PROFILE SHEET W/ DRAINAGE
(DIJON DRIVE EXTENSION)

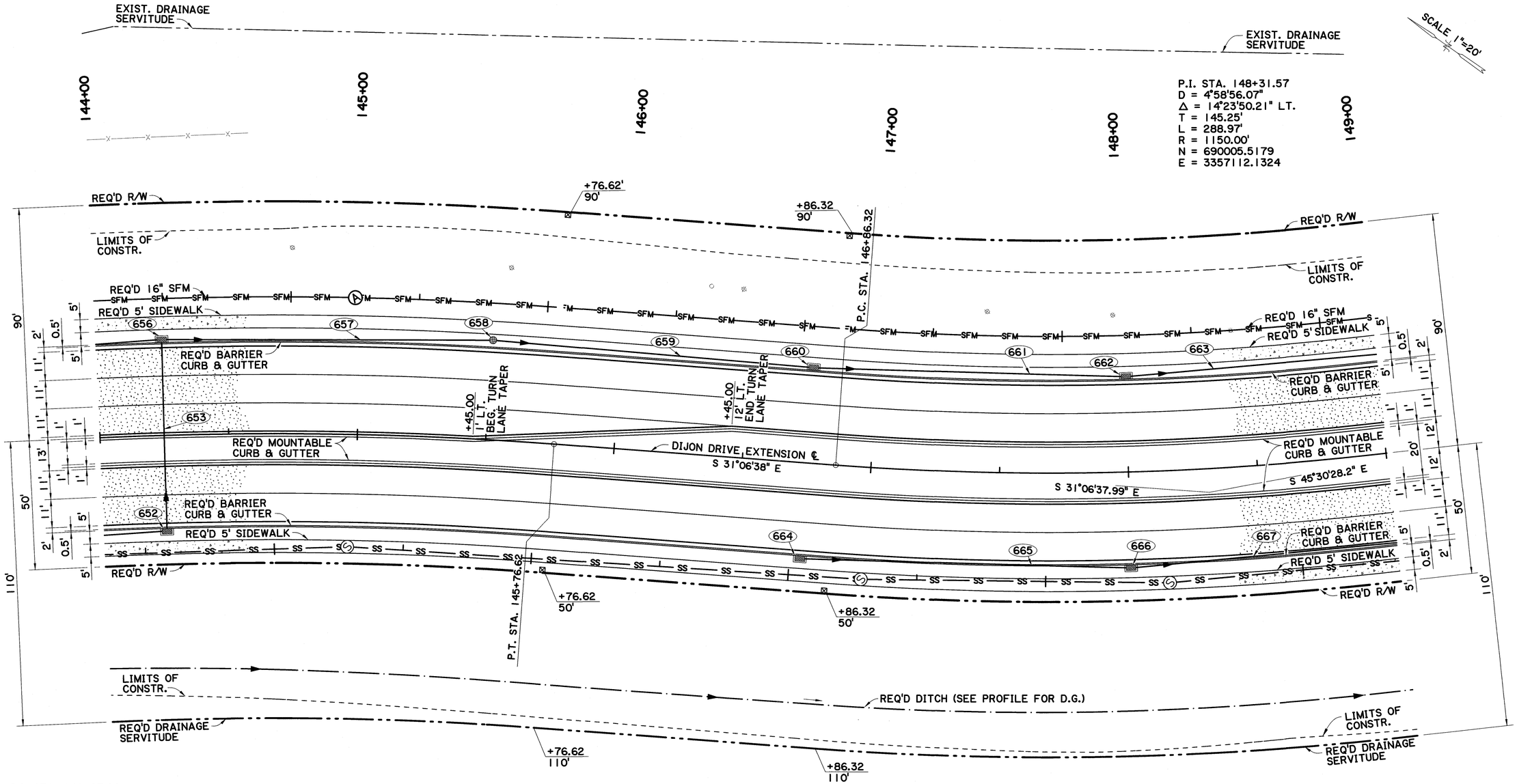
LA 3064 TO LA 1248 PHASE II

POTD

Stantec

STATE OF LOUISIANA
MARY FRANCES BRATTON
REG. No. 41444
REGISTERED
PROFESSIONAL ENGINEER
IN
CIVIL ENGINEERING

Mary Bratton
9/23/2022



P.I. STA. 141+97.22
D = 3°49'10.99"
Δ = 29°39'52.83" RT.
T = 397.22'
L = 776.62'
R = 1500.00'
N = 690563.8937
E = 3356775.1583

652 STA. 144+25, RT.
REQ'D CB-06

653 STA. 144+25
REQ'D SDP
18" x 73' @ 0.25%

656 STA. 144+25, LT.
REQ'D CB-06

657 STA. 144+88, LT.
REQ'D SDP
18" x 127'

658 STA. 145+51
39' LT.
REQ'D MH-06
TOP EL. 31.45

659 STA. 146+12, LT.
REQ'D SDP
18" x 123'

660 STA. 146+75, LT.
REQ'D CB-06

661 STA. 147+37, LT.
REQ'D SDP
18" x 118'

662 STA. 148+00, LT.
REQ'D CB-06

663 STA. 148+72, LT.
REQ'D SDP
18" x 138'

664 STA. 146+75, RT.
REQ'D CB-06

665 STA. 147+38, RT.
REQ'D SDP
18" x 126'

666 STA. 148+00, RT.
REQ'D CB-06

667 STA. 148+72, RT.
REQ'D SDP
18" x 146'

NOTES:
1. SEE SANITARY SEWER GRAVITY & FORCE MAIN PLAN AND PROFILE SHEETS FOR SEWER INFORMATION.
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STATE OF LOUISIANA
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IN
CIVIL ENGINEERING
Mary Bratton
9/23/2022

SEE SHEET 11 FOR PROFILE

SHEET NUMBER 10

PARISH: EAST BATON ROUGE
CONTROL SECTION: 000-17
STATE PROJECT: H.012232
DESIGNED: MFB
CHECKED: GDH
DETAILED: TW
CHECKED: MFB
SERIES NUMBER: 7 OF 22

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

PLAN SHEET W/ DRAINAGE
(DIJON DRIVE EXTENSION)

LA 3064 TO LA 1248 PHASE II

BOTD
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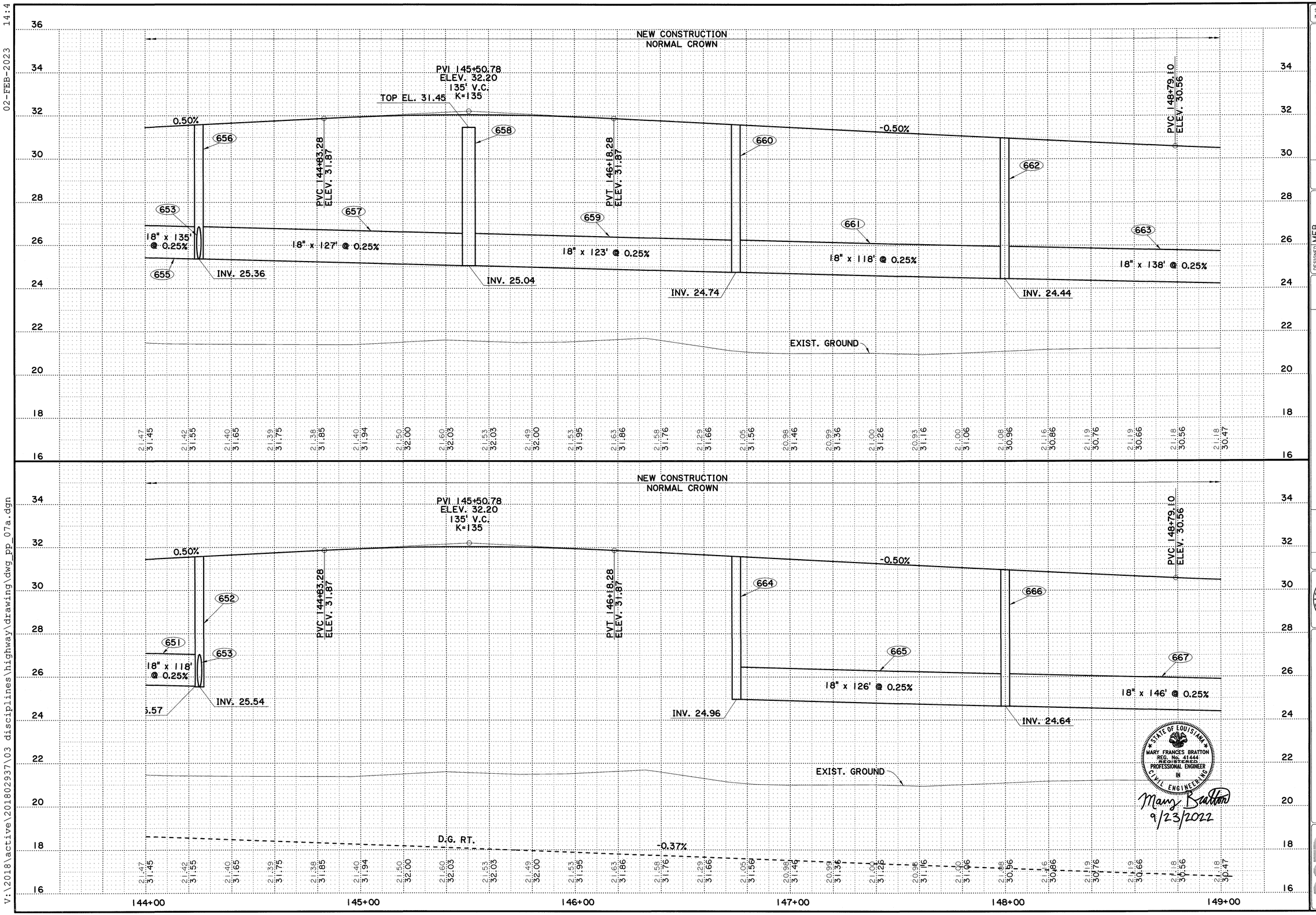

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Mary Bratton
9/23/2022

SHEET NUMBER	11
PARISH	EAST BATON ROUGE
CONTROL SECTION	000-17
STATE PROJECT	H.012232
DESIGNED MFB / CHECKED GDH	
DETAILED TW / CHECKED MFB	
SERIES NUMBER	8 OF 22

NO.	DATE	REVISION DESCRIPTION	BY

PROFILE SHEET W/ DRAINAGE
(DIJON DRIVE EXTENSION)

LA 3064 TO LA 1248 PHASE II

DOTD

Stantec

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P.I. STA. 148+31.57
D = 4°58'56.07"
Δ = 14°23'50.21" LT.
T = 145.25'
L = 288.97'
R = 1150.00'
N = 690005.5179
E = 3357112.1324

149+00 150+00 151+00 152+00 153+00 154+00

SCALE 1"=20'

REQ'D 30' x 30' x 24" OF 130 LB RIPRAP

+40 TIE TO EXIST. SERVITUDE

+16.8, 173' LT INV. 10.15

CD3

REMOVE AND REPLACE BREC MULTI-USE PATH IN-KIND TO BE PAID FOR UNDER PAY ITEM 706-02-00200 6" CONCRETE WALK (LxW=35' X 12')

EXIST. DRAINAGE SERVITUDE

REQ'D DRAINAGE SERVITUDE

REQ'D DITCH SEE DETAIL THIS SHEET

+15.92 TIE TO EXIST PROPERTY LINE

+50 TIE TO EXIST PROPERTY LINE

+16.00 TIE TO EXIST PROP. LINE

+91.56, 87' LT. INV. 15.12

+03.6, 135' LT INV. 10.55

REQ'D DRAINAGE SERVITUDE

+40 90'

+75.29 90'

+50 90'

REQ'D R/W

LIMITS OF CONSTR.

REQ'D 43' x 50' x 24" OF 130 LB RIPRAP

EXIST. DRAINAGE SERVITUDE

EXIST. PROPERTY LINE

NOTES:
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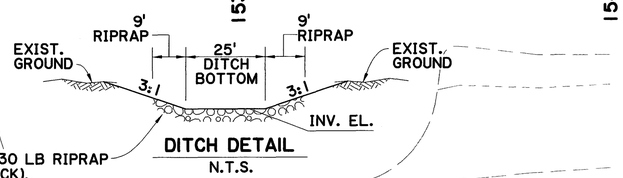
2. CLEARING AND GRUBBING SHALL ONLY EXTEND TO THE LIMITS OF CONSTRUCTION. A 50' BUFFER ZONE FROM THE EXISTING DRAINAGE SERVITUDE NEAR WARD'S CREEK MUST BE LEFT UNDISTURBED ON BATON ROUGE GENERAL'S PROPERTY. REFER TO DEPARTMENT OF ARMY PERMIT NO. MVN-2001-02659-CC & MVN-2016-00849-CM FOR INFORMATION.



DITCH DETAIL
N.T.S.

REQ'D 130 LB RIPRAP (24" THICK)

NOTE: SEE TYPICAL SECTION FOR ROADSIDE DITCH.

REQ'D 16" SFM
REQ'D 5' SIDEWALK
REQ'D BARRIER CURB & GUTTER
REQ'D MOUNTABLE CURB & GUTTER
REQ'D R/W
LIMITS OF CONSTR.
REQ'D DRAINAGE SERVITUDE
REQ'D DITCH (SEE PROFILE FOR D.G.)
REQ'D MH-06
REQ'D CB-06
REQ'D SDP
REQ'D CDP
P.T. STA. 149+75.29

672 671 670 668 669 669A 688 687 686 685 684 683A 683 682 681 680 800

DIJON DRIVE EXTENSION ℄
S 45°30'28.2" E

CD2

SEE MEDIAN NOSE DETAIL ON THIS SHEET

+50 00'

2-4" PVC PIPES REQUIRED FOR INSTALLATION OF FUTURE UTILITIES SEE SHEET 2g FOR ADDT'L INFO

+75.29 50'

+75.29 110'

+90.27, 86' RT. INV. 15.56

668 STA. 149+47, RT. REQ'D CB-08

669 STA. 149+65, RT. REQ'D SDP 24" x 31'

669A STA. 149+82 38' RT. REQ'D MH-06 TOP EL. 30.32

670 STA. 149+47, LT. REQ'D CB-07

671 STA. 149+71, LT. REQ'D SDP 24" x 32'

672 STA. 149+82, 38' LT REQ'D MH-06 TOP EL. 30.30

680 STA. 151+75, RT. REQ'D CB-06

681 STA. 151+13, RT. REQ'D SDP 18" x 122'

682 STA. 150+50, RT. REQ'D CB-06

683 STA. 150+25, RT. REQ'D SDP 24" x 48'

683A STA. 150+00 38' RT. REQ'D MH-06 TOP EL. 30.38

684 STA. 151+75, LT. REQ'D CB-06

685 STA. 151+13, LT. REQ'D SDP 18" x 122'

686 STA. 150+50, LT. REQ'D CB-06

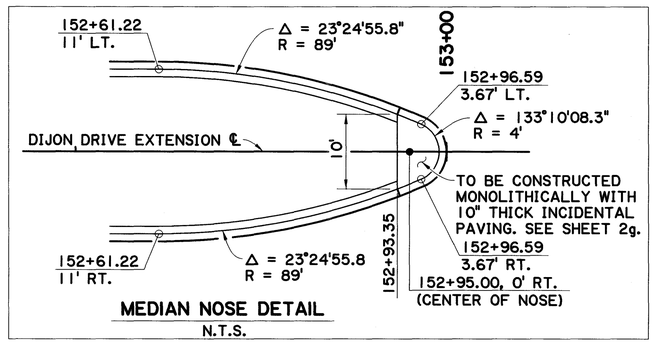
687 STA. 150+20, LT. REQ'D SDP 24" x 47'

688 STA. 150+00 38' LT. REQ'D MH-06 TOP EL. 30.33

800 STA. 153+75, LT. REQ'D CB-06

CD2 STA. 149+91, REQ'D CDP 3- 72" x 174' @ 0.25%

CD3 STA. 150+10, REQ'D CDP 3- 72" CMP x 40' @ 1.0%



MEDIAN NOSE DETAIL
N.T.S.

SEE SHEET 13 FOR PROFILE

STATE OF LOUISIANA
MARY FRANCES BRATTON
REG. No. 41444
REGISTERED
PROFESSIONAL ENGINEER
IN
CIVIL ENGINEERING
Mary Bratton
2/1/2023

SHEET NUMBER	12
PARISH	EAST BATON ROUGE
CONTROL SECTION	000-17
STATE PROJECT	H.012232
DESIGNED	MFB
CHECKED	GDH
DETAILED	TW
CHECKED	MFB
SERIES NUMBER	9 OF 22

NO. DATE BY REVISION OR CHANGE ORDER DESCRIPTION

PLAN SHEET W/ DRAINAGE
(DIJON DRIVE EXTENSION)

LA 3064 TO LA 1248 PHASE II

POD

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TOP EL. 30.30
TOP EL. 30.33
PVT 150+14.1
ELEV. 30.56
NEW CONSTRUCTION
NORMAL CROWN
PVI 153+28.53
ELEV. 32.13
150' V.C.
K=74
0.50%
-1.80%
PVI 149+46.60
ELEV. 30.22
135' V.C.
K=136
PVC 152+53.53
ELEV. 31.76
672
688
686
684
670
687
685
800
801
663
671
24" x 47'
@ 0.15%
18" x 122' @ 0.15%
15" x 135'
@ 1.50%
18" x 138' @ 0.25%
24" x 32'
@ 0.25%
INV. 26.42
INV. 25.01
INV. 25.08
INV. 25.27
INV. 24.10
INV. 24.02
CD2
EXIST. GROUND
INV. 15.24
REQ'D BEDDING
MATERIAL
(24" THICK)

TOP EL. 30.32
TOP EL. 30.38
PVT 150+14.1
ELEV. 30.56
NEW CONSTRUCTION
NORMAL CROWN
PVI 153+28.53
ELEV. 32.13
150' V.C.
K=74
0.50%
-1.80%
669A
683A
682
680
PVI 149+46.60
ELEV. 30.22
135' V.C.
K=136
668
683
681
PVC 152+53.53
ELEV. 31.76
667
669
24" x 48'
@ 0.15%
18" x 122' @ 0.15%
18" x 146' @ 0.25%
24" x 31'
@ 0.25%
INV. 25.12
INV. 25.19
INV. 25.38
INV. 24.28
INV. 24.20
CD2
EXIST. GROUND
0.74%
P.I. D.G. RT. 149+90.00
ELEV. 16.43
-0.37%
INV. 15.43
REQ'D BEDDING
MATERIAL (24" THICK)

32 30 28 26 24 22 20 18 16 14

149+00 150+00 151+00 152+00 153+00 154+00

STATE OF LOUISIANA
MARY FRANCES BRATTON
REG. No. 41444
REGISTERED
PROFESSIONAL ENGINEER
IN
CIVIL ENGINEERING
Mary Bratton
9/23/2022

SHEET NUMBER	13
PARISH	EAST BATON ROUGE
CONTROL SECTION	000-17
STATE PROJECT	H.012232
DESIGNED MFB / CHECKED GDH	
DETAILED TW / CHECKED MFB	
SERIES NUMBER	10 OF 22

NO. | REVISION DESCRIPTION | BY | DATE

PROFILE SHEET W/ DRAINAGE
(DIJON DRIVE EXTENSION)
LA 3064 TO LA 1248 PHASE II

POTP

Stantec

EXIST. DRAINAGE SERVITUDE
PROPERTY LINE
154+00
155+00
156+00
157+00
158+00
159+00
SCALE 1"=20'
42" CMP
42" RCP
54" STEEL PIPE
24" RCP
INV. 12.00'
INV. 15.41'
+20
90'
REQ'D R/W
LIMITS OF CONSTR.
+37, 80.5' LT.
INV. 19.24
EXIST. PIPE TO REMAIN
REQ'D 6'X6'X24" OF 130 LB RIPRAP
062
813
REQ'D 16" SFM
REQ'D 5' SIDEWALK
802
801
812
803
REQ'D BARRIER CURB & GUTTER
REQ'D 9'X9'X24" OF 130 LB RIPRAP
+08.27, 76' LT
INV. 15.14
LIMITS OF CONSTR.
TIE TO ℄
121.29'
TIE TO ℄
71'
TIE TO ℄
66'
REQ'D CONSTR. SERVITUDE
EXIST. PIPE AND INLET TO REMAIN
CONCRETE
+49.04
71'
+79.33
71.00'
+49.04
66'
+79.33
83.00'
EXIST PIPE TO BE REMOVED & PLUGGED @ REQ'D CONSTR. SERVITUDE. TO BE PAID FOR UNDER PAY ITEM 202-02 -32140 REMOVAL OF PIPE (STORM DRAIN)
18" RCP
SEE MEDIAN NOSE DETAIL THIS SHEET
DIJON DRIVE EXTENSION ℄
S 45°30'28.2" E
+44.29, 1' LT.
BEG. TURN LANE TAPER
+45.51, 12' LT.
END TURN LANE TAPER
REQ'D MOUNTABLE CURB & GUTTER
811
875
880
876
879
878
877
REQ'D BARRIER CURB & GUTTER
REQ'D 5' SIDEWALK
861
874
804
REQ'D BARRIER CURB & GUTTER
805
806
807
810
809
808
+30
60'
061
REQ'D 5' SIDEWALK
REQ'D R/W
+24
50'
+41.04, 12' RT.
BEG. TURN LANE TAPER
S 22°56'02.8" E
873
872
871
INV. 15.68
INV. 15.74
+49.04
50'
REQ'D R/W
+97.26
50'
P.C. STA. 155+24.00
REQ'D DITCH (SEE PROFILE FOR D.G.)
P.I. STA. 156+88.65
D = 6°56'41.8"
Δ = 22°34'25.4" RT.
T = 164.65'
L = 325.04'
R = 825.00'
N = 689403.7943
E = 3357724.6182
+30
65'
2-4" PVC PIPES REQUIRED FOR INSTALLATION OF FUTURE UTILITIES SEE SHEET 2g FOR ADDT'L INFO
P.T. STA. 158+49.04
060
+49.04
110'
LIMITS OF CONSTR.
REQ'D DRAINAGE SERVITUDE
+24
110'
LIMITS OF CONSTR.
REQ'D DRAINAGE SERVITUDE
EXIST. PIPE TO REMAIN
42" RCP
SEE SHEET 15 FOR PROFILE

060 STA. 158+34
99.0' RT.
REQ'D MH-06 TO BE BUILT ON TOP OF EXIST. 42" PIPE
TOP ELEV. 21.53
INV. 15.78

061 STA. 157+46
REQ'D SDP
42" x 243'

062 STA. 156+75
85.0' RT.
REQ'D MH-06 TO BE BUILT ON TOP OF EXIST. 42" PIPE
TOP ELEV. 21.08
INV. 15.45

801 STA. 154+38, LT.
REQ'D SDP
15" x 135'

802 STA. 155+15, LT.
REQ'D CB-08

803 STA. 155+75, LT.
REQ'D SDP
15" x 135'

804 STA. 154+10, RT.
REQ'D CB-06

805 STA. 154+61, RT.
REQ'D SDP
15" x 100'

806 STA. 155+15, RT.
REQ'D CB-08

807 STA. 155+74, RT.
REQ'D SDP
15" x 135'

808 STA. 157+25, RT.
REQ'D CB-06

809 STA. 156+88, RT.
REQ'D SDP
15" x 70'

810 STA. 156+50, RT.
REQ'D CB-06

811 STA. 156+50
REQ'D SDP
18" x 73' @ 0.25%

812 STA. 156+50, LT.
REQ'D CB-06

813 STA. 156+43, LT.
REQ'D SDPA (OUTFALL)
24" EQUIV. x 46' @ 0.25%

871 STA. 158+98
38.5' RT.
REQ'D MH-06
TOP ELEV. 27.34
INV. 16.65

872 STA. 158+69, RT.
REQ'D SDP
42" x 55'

873 STA. 158+39.54, RT.
REQ'D CB-08

874 STA. 158+39
REQ'D SDP
42" x 69' @ 0.25%

875 STA. 157+25, LT.
REQ'D CB-06

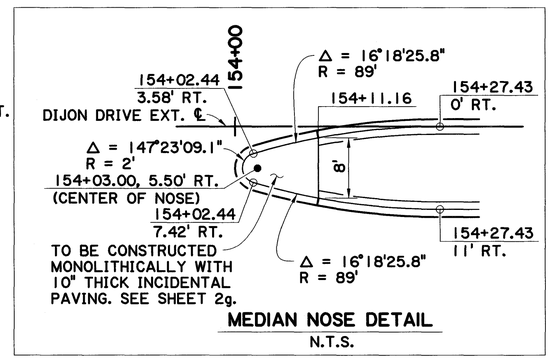
876 STA. 157+80, LT.
REQ'D SDP
15" x 116'

877 STA. 158+39.54, LT.
REQ'D CB-08

878 STA. 158+33
43.7' LT.
REQ'D SDP
54" x 16' @ 0.43%

879 STA. 158+27
50.3' LT.
REQ'D MH-06 TO BE BUILT ON TOP OF EXIST. 18" PIPE
TOP ELEV. 26.33
INV. 15.26

880 STA. 158+19
61.8' LT.
REQ'D SDP (OUTFALL)
54" X 28' @ 0.43%



MEDIAN NOSE DETAIL
N.T.S.

NOTES:
1. SEE SANITARY SEWER GRAVITY & FORCE MAIN PLAN AND PROFILE SHEETS FOR SEWER INFORMATION.
2. CLEARING AND GRUBBING SHALL ONLY EXTEND TO THE LIMITS OF CONSTRUCTION. A 50' BUFFER ZONE FROM THE EXISTING DRAINAGE SERVITUDE NEAR WARD'S CREEK MUST BE LEFT UNDISTURBED ON BATON ROUGE GENERAL'S PROPERTY. REFER TO DEPARTMENT OF ARMY PERMIT NO. MVN-2001-02659-CC & MVN-2016-00849-CM FOR INFORMATION.

STATE OF LOUISIANA
MARY FRANCES BRATTON
REG. No. 41444
REGISTERED
PROFESSIONAL ENGINEER
IN
CIVIL ENGINEERING
2/1/2023

SHEET NUMBER 14
EAST BATON ROUGE PARISH
000-17 CONTROL SECTION
H.012232 STATE PROJECT
DESIGNED MFB
CHECKED GDH
DETAILED TW
CHECKED MFB
SERIES NUMBER 11 OF 22
REVISION OR CHANGE ORDER DESCRIPTION | BY | NO. | DATE

PLAN SHEET W/ DRAINAGE
(DIJON DRIVE EXTENSION)
LA 3064 TO LA 1248 PHASE II

POTP
Stantec

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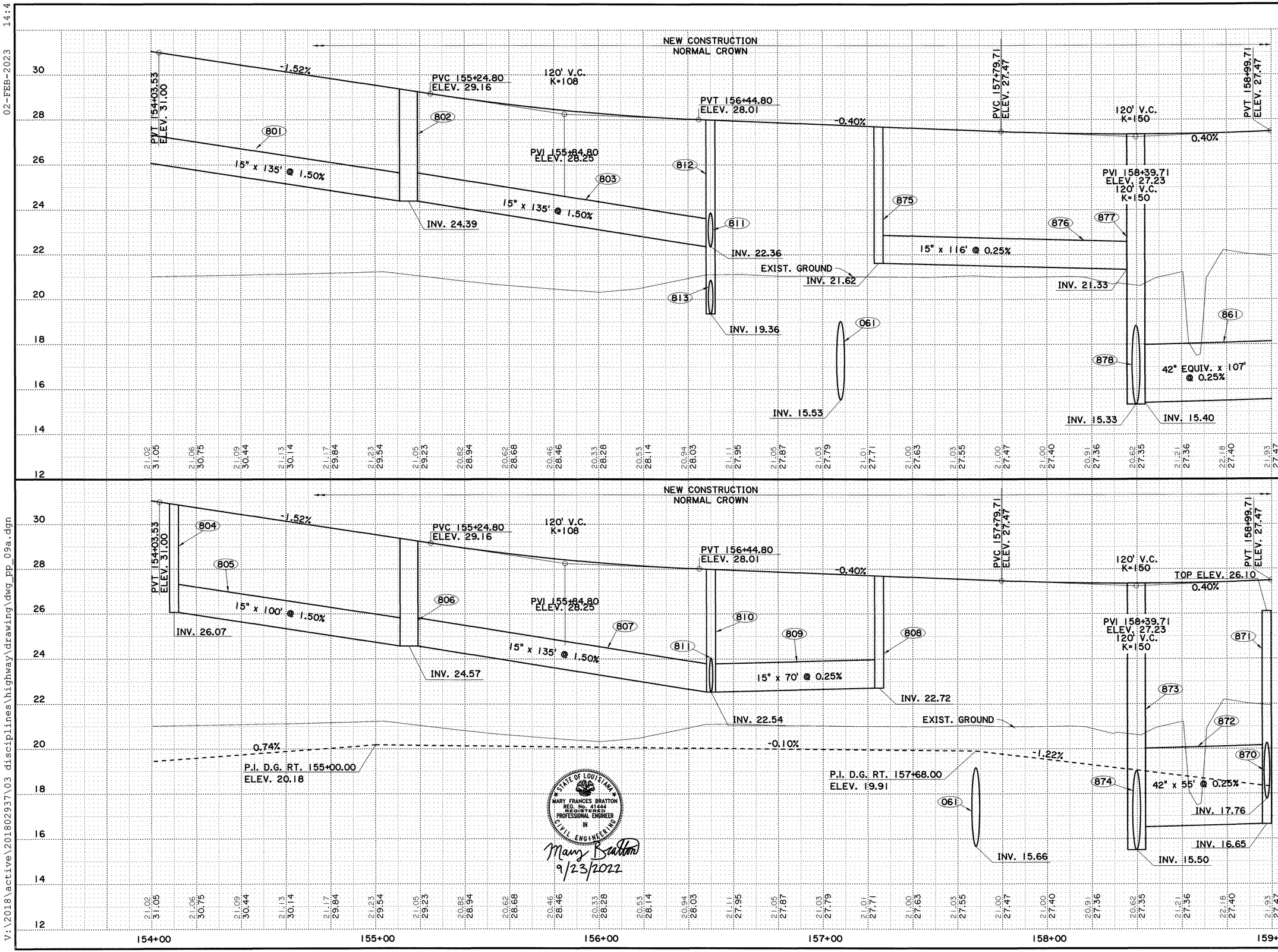

STATE OF LOUISIANA
MARY FRANCES BRATTON
REG. No. 41444
REGISTERED
PROFESSIONAL ENGINEER
IN
CIVIL ENGINEERING

Mary Bratton
9/23/2022

SHEET NUMBER	15
PARISH	EAST BATON ROUGE
CONTROL SECTION	000-17
STATE PROJECT	H.012232
DESIGNED	MFB
CHECKED	GDH
DETAILED	TW
CHECKED	MFB
SERIES NUMBER	12 OF 22

NO.	DATE	BY	REVISION DESCRIPTION

STATE OF LOUISIANA
DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT

PROFILE SHEET W/ DRAINAGE
(DIJON DRIVE EXTENSION)

LA 3064 TO LA 1248 PHASE II

DOTD

Stantec

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(072) STA. 163+79
70' LT.
REQ'D CB-01
TYPE "C" GRATE TO BE BUILT ON TOP OF EXIST. 15" PIPE
TOP ELEV. 25.33
INV. 21.92

(073) STA. 162+50
66' LT.
REQ'D CB-01
TYPE "C" GRATE
TOP ELEV. 24.7
INV. 19.25

(074) STA. 162+00, LT.
REQ'D SDP
15" X 95' @ 0.25%

(075) STA. 161+54
59' LT.
REQ'D MH-06
TOP ELEV. 25.6
INV. 19.01

*(076) STA. 161+54
REQ'D SDP
15" X 10' @ 0.25%

(080) STA. 160+77
63' LT.
REQ'D CB-01
TYPE "C" GRATE
TOP ELEV. 25.67
INV. 15.06

(081) STA. 160+00
REQ'D SDP
15" X 86' @ 0.25%

(082) STA. 159+89
61' LT.
REQ'D MH-06 TO BE BUILT ON TOP OF EXIST. 24" PIPE
TOP ELEV. 22.5
INV. 14.84

(083) STA. 159+83
68' LT.
REQ'D CB-01
TYPE "C" GRATE TO BE BUILT ON TOP OF EXIST. 24" PIPE
TOP ELEV. 21.6
INV. 14.81

(835) STA. 163+78, RT.
REQ'D SDP
18" x 62'

(836) STA. 163+18
59' RT.
REQ'D CB-2TOP02
TOP ELEV. 23.85'
INV. 18.53

(837) STA. 163+32, RT.
REQ'D SDP
18" x 26' @ 0.25%

(838) STA. 163+46
59' RT.
REQ'D CB-01
TYPE "C" GRATE
TOP ELEV. 23.96'
INV. 18.47

(839) STA. 163+46, RT.
REQ'D SDP
18" x 28' @ 0.25%

(840) STA. 163+46, RT.
REQ'D CB-06

(841) STA. 163+46
REQ'D SDP
30" x 73' @ 0.25%

(845) STA. 163+78, LT.
REQ'D SDP
24" x 62'

(846) STA. 163+46, LT.
REQ'D CB-06

(847) STA. 163+25, LT.
REQ'D SDP
30" x 40'

(848) STA. 163+03, LT.
REQ'D CB-06

(848a) STA. 163+04, LT.
REQ'D SDP
18" x 17' @ 0.25%

(848b) STA. 163+05
54' LT.
REQ'D CB-01
TYPE "C" GRATE
TOP ELEV. 25.10'
INV. 18.91

(849) STA. 162+42, LT.
REQ'D SDP
36" x 121'

(852) STA. 161+80
54' LT.
REQ'D CB-01
TYPE "C" GRATE
TOP ELEV. 23.26
INV. 17.84

STA. 159+06
REQ'D 24' CONC. COMM. DRIVE
SEE DETAIL ON SHEET 2g AND GEOMETRIC DETAIL SHEETS.

STA. 160+66
REQ'D 25' CONC. COMM. DRIVE
SEE GEOMETRIC DETAIL SHEETS.

STA. 162+42
REQ'D 30' CONC. COMM. DRIVE
SEE GEOMETRIC DETAIL SHEETS.

REQ'D CONSTR. SERV.
TIE TO ℄ 71'
TIE TO ℄ 70'
TIE TO ℄ 66'
REQ'D R/W
DETAIL "A"

BRICK HOTEL

STATE OF LOUISIANA
MARY FRANCES BRATTON
REG. No. 41444
REGISTERED PROFESSIONAL ENGINEER
IN
CIVIL ENGINEERING
Mary Bratton
9/23/2022

SCALE 1"=20'

REQ'D 6" CONC. DRIVE PAV'T. SEE GRAPHICAL GRADE SHEET FOR ELEVATIONS. TO BE PAID FOR UNDER 706-02-00200

REQ'D BARRIER CURB STA. 163+55 TO STA. 164+07 OFFSET 68' BOC L=52' TIE TO EXIST. CURB

REQ'D CONSTR. SERVITUDE

REQ'D CONSTR. SERVITUDE

SEE DETAIL "A"

TIE TO ℄ 56'

REQ'D R/W

LIMITS OF CONSTR.

REQ'D 5' SIDEWALK

LIMITS OF CONSTR.

REQ'D R/W

REQ'D BARRIER CURB & GUTTER

REQ'D MOUNTABLE CURB & GUTTER

SEE MEDIAN NOSE DETAIL ON SHEET 18

S 22°56'02.8" E

DIJON DRIVE EXTENSION ℄

+41.16, 1' RT. END TURN LANE TAPER

+58.18' 10' RT.

+58.29, 12' RT. BEG. TURN LANE TAPER

+58.29, 1' RT. END TURN LANE TAPER

REQ'D BARRIER CURB & GUTTER

REQ'D MOUNTABLE CURB & GUTTER

REQ'D BARRIER CURB & GUTTER

2-4" PVC PIPES REQUIRED FOR INSTALLATION OF FUTURE UTILITIES SEE SHEET 2g FOR ADDT'L INFO.

REQ'D 5' SIDEWALK

+20.90, 64' RT. INV. 18.00

LIMITS OF CONSTR.

REQ'D R/W

LIMITS OF CONSTR.

REQ'D R/W

REQ'D CONSTR. SERVITUDE

BRICK RESTAURANT

CONCRETE

GRADE TO DRAIN

GRADE TO DRAIN

GRADE TO DRAIN

REQ'D BARRIER CURB STA. 162+93 TO STA. 164+69 OFFSET 51' (L=176') SEE HALF SECTION B ON SHEET 2b

(L=24')

BUILDING & APPURTENANCES TO BE REMOVED. TO BE PAID FOR UNDER PAY ITEM 202-02-05000.

*ANY DAMAGE TO EXIST. PAV'T OR CURB FOR PIPE TIE IN TO BE PAID FOR UNDER THE PIPE PAY ITEM

TIE TO ℄ 110'

SEE SHEET 17 FOR PROFILE

⊙ EXIST. PIPE TO BE REMOVED UP TO NEW MANHOLE
⚠ REQ'D FULL DEPTH SAWCUT
LIGHT POLE TO REMAIN
⊡ REQ'D 1' WIDE BERM (STA. 160+78 - 164+45). CONTRACTOR TO WRAP BERM AROUND DRIVEWAY AND TERMINATE AT THE S/W. SEE SHEET 2b FOR DETAILS
⚠ REQ'D BARRIER CURB OFFSET 68' (L=5') TIE TO EXIST. CURB.

NOTES:
1. EXISTING LIGHT POLES WITHIN REQ'D R/W SHALL BE REMOVED BY OTHERS PRIOR TO THE START OF CONSTRUCTION.
2. CONTRACTOR TO CUT THE EXISTING PIPE IN LOCAITONS WHERE DRAINAGE STRUCTURES ARE REQUIRED TO BE BUILT AROUND THESE PIPES
3. SEE SHEETS 180-196 FOR GRAVITY AND SFM INFORMATION.
4. SEE GEOMETRIC DETAIL SHEET FOR DRIVE PROFILES AND GEOMETRY.
5. CONTRACTOR TO TAKE CAUTION WHEN CONSTRUCTING AROUND THE HYATT'S EXISTING DRAINAGE SYSTEM.

(853) STA. 161+78, LT.
REQ'D SDP
24" x 12' @ 0.25%

(854) STA. 161+77.87, LT.
REQ'D CB-08

(855) STA. 161+54, LT.
REQ'D SDP
36" x 40'

(856) STA. 161+33, LT.
REQ'D CB-06

(857) STA. 160+79, LT.
REQ'D SDP
36" x 105'

(858) STA. 160+25, LT.
REQ'D CB-06

(859) STA. 159+88, LT.
REQ'D SDP
42" x 73'

(860) STA. 159+50, LT.
REQ'D CB-06

(861) STA. 159+10, LT.
REQ'D SDPA
42" EQUIV. x 107'

(862) STA. 161+77.87, RT.
REQ'D CB-08

(863) STA. 161+22, RT.
REQ'D SDP
18" x 103'

(864) STA. 160+70, RT.
REQ'D CB-06

(865) STA. 160+21, RT.
REQ'D SDP
18" x 94'

(866) STA. 159+61
66' RT.
REQ'D CB-01
TYPE "C" GRATE
TOP ELEV. 21.70
INV. 18.26

(867) STA. 159+66, RT.
REQ'D SDP
15" x 30' @ 0.25%

(868) STA. 159+72, RT.
REQ'D CB-06

(869) STA. 159+35, RT.
REQ'D SDP
18" x 72'

(870) STA. 159+09, RT.
52' RT.
REQ'D SDP
30" x 32' @ 0.75%

SHEET NUMBER	16
PARISH	EAST BATON ROUGE
CONTROL SECTION	000-17
STATE PROJECT	H.012232
DESIGNED	MFB
CHECKED	GDH
DETAILED	TW
CHECKED	MFB
SERIES NUMBER	13 OF 22

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

PLAN SHEET W/ DRAINAGE
(DIJON DRIVE EXTENSION)
LA 3064 TO LA 1248 PHASE II

BOYD
Stantec

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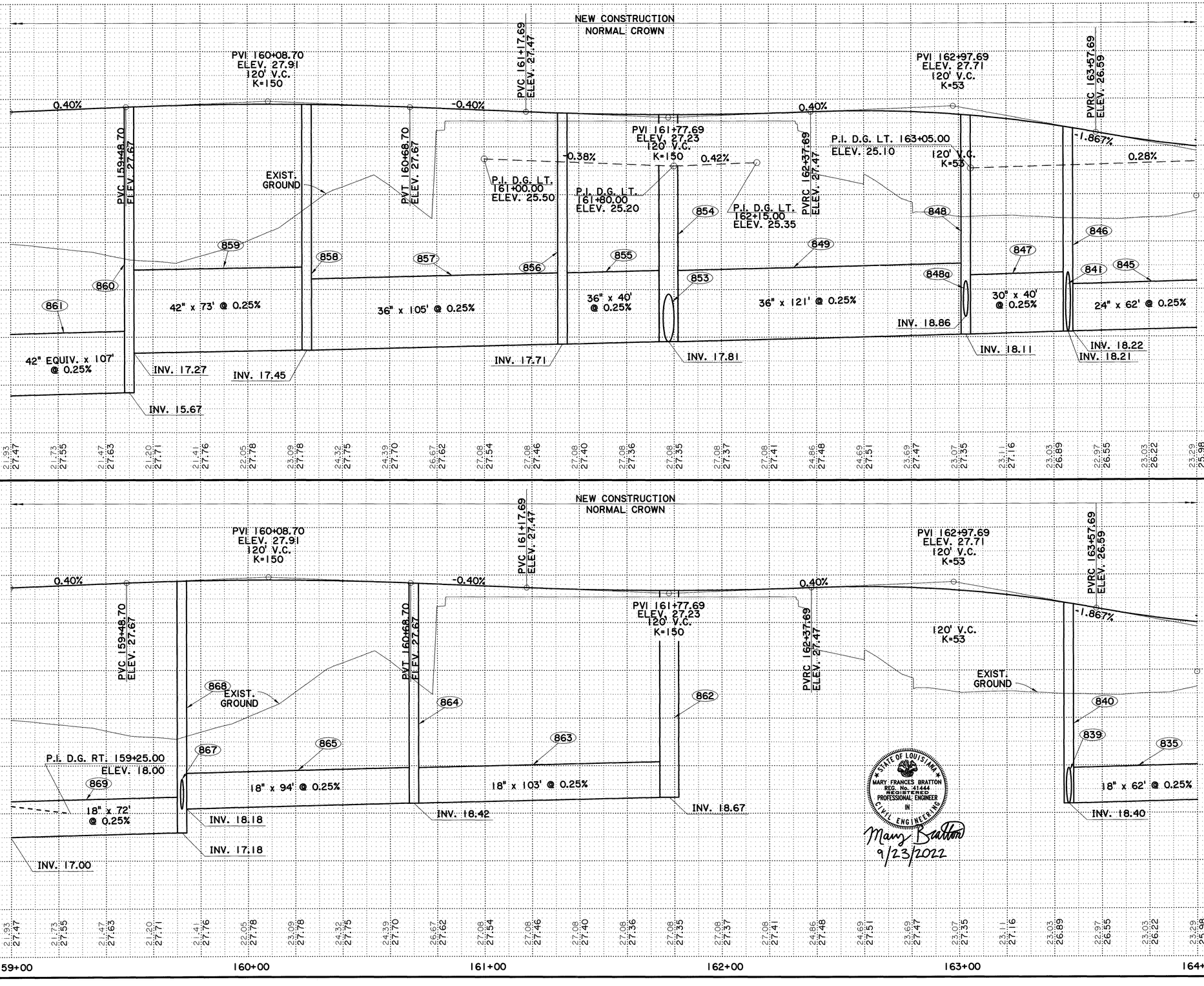

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SHEET NUMBER 17

PARISH: EAST BATON ROUGE
CONTROL SECTION: 000-17
STATE PROJECT: H.012232

DESIGNED: MFB
CHECKED: GDH
DETAILED: TW
CHECKED: MFB
SERIES NUMBER: 14 OF 22

REVISION DESCRIPTION | BY | NO. | DATE

PROFILE SHEET W/ DRAINAGE
(DIJON DRIVE EXTENSION)
LA 3064 TO LA 1248 PHASE II

DOTD
Stantec

090 STA. 165+00, RT.
CAP EXIST. INLET
IMMEDIATELY ABOVE
CROWN OF EXIST. PIPE

091 STA. 166+50, LT.
ADJUST CATCH
BASIN TOP

832 STA. 164+50.38, RT.
REQ'D CB-08

833 STA. 164+36, RT.
REQ'D SDP
18" x 35'

834 STA. 164+10, RT.
REQ'D CB-06

842 STA. 164+50.38, LT.
REQ'D CB-08

843 STA. 164+39, LT.
REQ'D SDP
24" x 35'

844 STA. 164+10, LT.
REQ'D CB-06

SCALE 1"=20'

164+00 165+00 166+00 167+00 168+00

806+00 805+00 804+00

BLUEBONNET BLVD ℄

CONCRETE

18" RCP 36" RCP 15" RCP 2" RCP

TFO

+09 90'
+09 70'
INV. 22.00'

REQ'D CONSTR. SERVITUDE

TIE TO ℄ 70'

LIMITS OF CONSTR.

TIE TO ℄ 56'

REQ'D 5' SIDEWALK

REQ'D R/W

+93.02, 75.13' LT.
TIE TO EXIST. CURB

+07.63
75.89' LT.

+81, 50' LT.
REQ'D SIGNAL POLE

166+22, 70.5' LT
REQ'D SIGNAL POLE

REQ'D SIGNAL CONTROLLER

REQ'D INTEGRAL BARRIER CURB

STA. 165+06.98
DIJON DRIVE EXTENSION
END P.C.C. CONSTRUCTION

STA. 165+63.83
DIJON DRIVE EXTENSION =
STA. 804+90.49
BLUEBONNET BLVD

LIMITS OF CONSTR.

091 SEE N. MALL MEDIAN DETAIL THIS SHEET

LIMITS OF CONSTR.

REQ'D BARRIER CURB & GUTTER

REQ'D MOUNTABLE CURB & GUTTER

SEE MEDIAN NOSE DETAIL NEXT SHEET

S 22°56'02.8" E

REMOVE INCIDENTAL PAVING

090

834 REQ'D BARRIER CURB & GUTTER 832

833

TIE TO ℄ EXIST R/W 65'

REQ'D 5' SIDEWALK

REQ'D R/W LIMITS OF CONSTR.

REQ'D CONSTR. SERVITUDE

TIE TO EXIST R/W 75'

REQ'D INTEGRAL BARRIER CURB

+82, 52' RT.
REQ'D SIGNAL POLE

165+44, 43' RT.
REQ'D SIGNAL POLE

P.C. STA. 804+05.53

+96.31
80.44' RT.

+97.15, 80.53' RT.
TIE TO EXIST. CURB

STA. 168+00
DIJON DRIVE EXTENSION
END S.P. NO. H.012232

164+57.41
END ASPHALT CONSTRUCTION
END LT. & RT. CURB & GUTTER
END 5' S/W (LT. & RT.)
BEG. P.C.C. CONSTRUCTION
BEG. INTEGRAL BARRIER CURB

(A) Δ=96°30'23.6"
R=40'

(B) Δ=103°3'59.45"
R=40'

MEDIAN NOSE DETAIL
N.T.S.

160+00

TO BE CONSTRUCTED MONOLITHICALLY WITH 10" THICK INCIDENTAL PAVING. SEE SHEET 2g.

160+13.62
11' LT.
Δ = 16°18'25.9"
R = 89'

160+38.05, 5.50' LT.
(CENTER OF NOSE)
160+38.61
7.42' LT.
Δ: 147°23'9.15"
R: 4'
160+38.61
3.58' LT.

7.94'

160+13.62
0' LT.
Δ = 16°18'25.9"
R = 89'

160+30.05
DIJON DRIVE EXTENSION ℄

MEDIAN NOSE DETAIL
N.T.S.

161+00

161+06.05, 0' RT.
(CENTER OF NOSE)
161+04.46
3.67' LT.
Δ:133°10'08.3"
R: 4'
161+04.46
3.67' RT.

161+39.83
11' LT.
Δ = 23°24'55.9"
R = 89'
Δ = 23°24'55.9"
R = 89'
161+39.83
11' RT.

10'

DIJON DRIVE EXTENSION ℄

161+07.70

TO BE CONSTRUCTED MONOLITHICALLY WITH 10" THICK INCIDENTAL PAVING. SEE SHEET 2g.

MEDIAN NOSE DETAIL
N.T.S.

NOTES:

1. FOR TYPICAL SECTION OF TURNOUT AT BLUEBONNET SEE SHEET 2c.

2. FOR PROPOSED TRAFFIC SIGNAL DETAILS SEE SIGNAL LAYOUT SHEETS.

3. ALL DRAINAGE STRUCTURES ALONG BLUEBONNET BLVD TO REMAIN

⚠ REQ'D FULL DEPTH SAWCUT

⊗ GRADE TO DRAIN

REMOVE EXISTING SIGNAL POLE (REMOVE FOUNDATION 1' BELOW GRADE AND ABANDON IN PLACE)

LIGHT POLE TO REMAIN

⊡ REQ'D 1' WIDE BER. (STA. 160+78 - 164+45). CONTRACTOR TO WRAP BERM AROUND DRIVEWAY AND TERMINATE AT THE S/W. SEE SHEET 2b FOR DETAILS

REQ'D FULL DEPTH SAWCUT ALONG FACE OF CURB. (L=26') CONTRACTOR TO TAKE CAUTION WHEN CUTTING NEAR CATCH BASIN.

Δ: 178°22'26.23"
R: 1.5'

091

A

STA: 166+61
OFF: 4.7'

STA. 166+35.35
OFF

STA. 166+35.35
OFF

REQ'D FULL DEPTH SAWCUT ALONG FACE OF CURB (L=27')

166+45, 7.3'
(CENTER OF NOSE)

A

STA: 166+62
OFF: 8.2'

N. MALL DR. MEDIAN DETAIL
N.T.S.

SEE SHEET 19 FOR PROFILE

VARIES

6" MONOLITHIC MEDIAN NOSE

#3 BAR

FULL DEPTH SAWCUT

FULL DEPTH SAWCUT

EXISTING ROADWAY

EXISTING ROADWAY

4 3 1 2 4

FOR TIE BAR SPACING AND DETAILS SEE STANDARD PLAN CP-01

LEGEND

1. 8" PORTLAND CEMENT CONCRETE PAVEMENT
2. 6" STONE BASE COURSE
3. GEOTEXTILE FABRIC (CLASS D) BETWEEN SUBGRADE AND BASE COURSE. INCLUDED IN STONE BASE COURSE PAY ITEM.
4. LONGITUDINAL BUTT JOINT (LBJ)

SECTION A-A
N.T.S.

STATE OF LOUISIANA
MARY FRANCES BRATTON
REG. No. 41444
REGISTERED PROFESSIONAL ENGINEER
IN
CIVIL ENGINEERING
Mary Bratton
2/1/2023

SHEET NUMBER	18
PARISH	EAST BATON ROUGE
CONTROL SECTION	000-17
STATE PROJECT	H.012232
DESIGNED MFB	
CHECKED GDH	
DETAILED TW	
CHECKED MFB	
SERIES NUMBER	15 OF 22

NO.	DATE	REVISION OR CHANGE ORDER DESCRIPTION	BY

PLAN SHEET W/ DRAINAGE
(DIJON DRIVE EXTENSION)

LA 3064 TO LA 1248 PHASE II

BOYD

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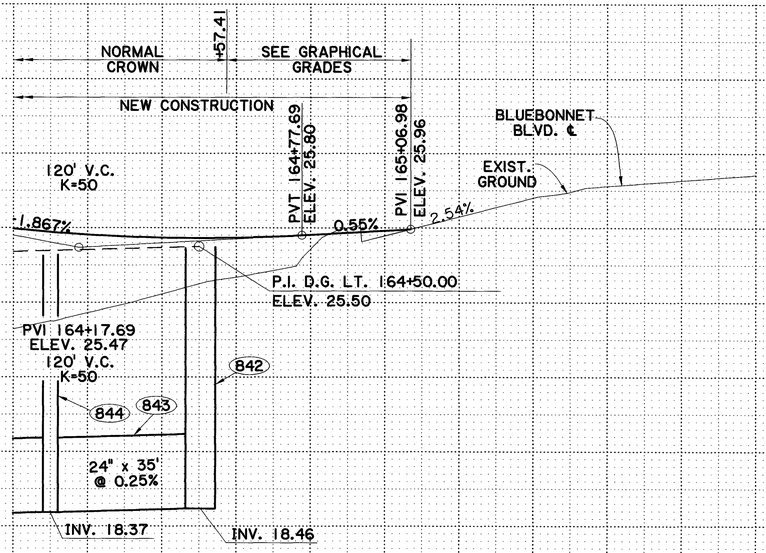
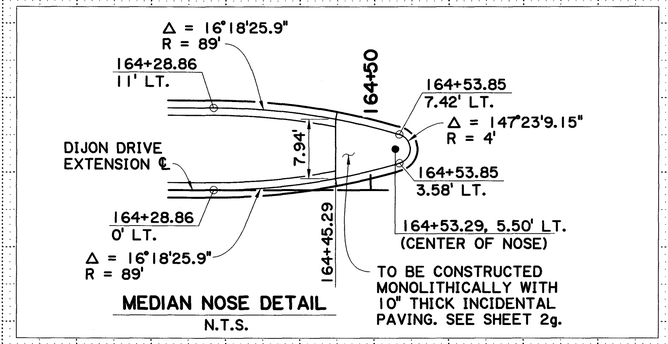
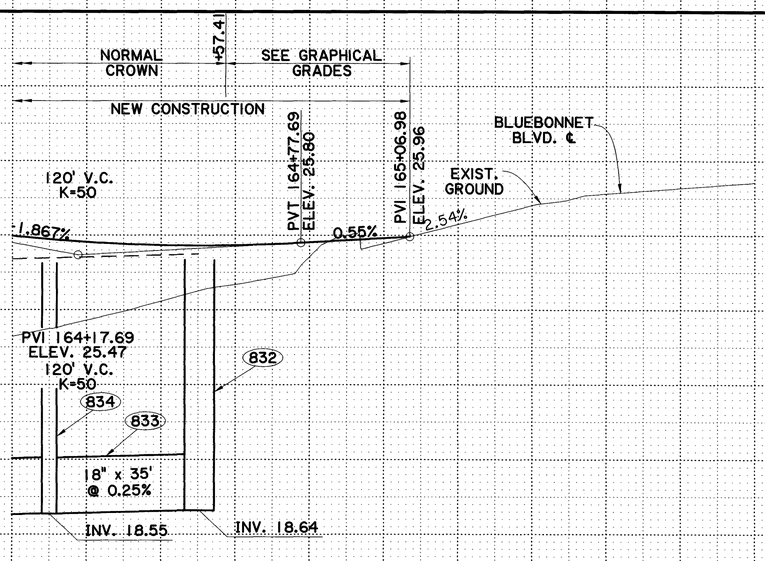




MEDIAN NOSE DETAIL
N.T.S.



164+00 165+00

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SHEET NUMBER	19
PARISH	EAST BATON ROUGE
CONTROL SECTION	000-17
STATE PROJECT	H.012232
DESIGNED MFB	
CHECKED GDH	
DETAILED TW	
CHECKED MFB	
SERIES NUMBER	16 OF 22

NO.	DATE	REVISION DESCRIPTION	BY

STATE OF LOUISIANA
MARY FRANCES BRATTON
REG. No. 41444
REGISTERED PROFESSIONAL ENGINEER IN CIVIL ENGINEERING

Mary Bratton
2/1/2023

PROFILE SHEET W/ DRAINAGE (DIJON DRIVE EXTENSION)

LA 3064 TO LA 1248 PHASE II

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P.I. STA. 806+51.33
D = 5°52'35.36"
Δ = 28°17'57.81" LT.
T = 245.80'
L = 481.57'
R = 975.00'
N = 688634.85
E = 3358223.00

808+00

809+00

810+00

811+00

SCALE 1"=20'

STA. 808+47.83 TO STA. 812+45.29
REMOVE SEPARATOR CURB.
SEE DETAIL ON TYPICAL SECTION SHT. 2f.

LIMITS OF CONSTRUCTION

46.15
37.81' LT.

12.0'

2.0' TYP.

R = 500'
Δ = 8°25'50"

TANGENT 1076.25' AT N45°29'25"E

P.C. STA. 808+50.56', 26.5' LT.
(LANE LINE)

LIMITS OF CONSTRUCTION

15.3'

N45°38'04"E

BLUEBONNET BLVD. ℄

P.T. STA. 808+87.10

EXISTING LANES

12.0' 12.0' 12.0' 15.8'

STA. 807+75.00
BEGIN CONSTRUCTION
BLUEBONNET BLVD.

STATE OF LOUISIANA
DEBORAH C. SHEETS
REG. No. 23087
REGISTERED
PROFESSIONAL ENGINEER
IN
CIVIL ENGINEERING

Deborah C. Sheets
9/23/2022

SHEET NUMBER	20
PARISH	EAST BATON ROUGE
CONTROL SECTION	258-33
STATE PROJECT	H.012232
DESIGNED / CHECKED	DCS / DMP
DETAILED / CHECKED	DCS / MFB
SERIES NUMBER	17 OF 22

NO.	DATE	REVISION OR CHANGE ORDER DESCRIPTION	BY

PLAN SHEET
(BLUEBONNET BLVD.)

LA 3064 TO LA 1248 PHASE II

DOTD

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811+00 812+00 813+00 814+00 815+00 816+00

SCALE 1"=20'

LIMITS OF CONSTRUCTION

+45.29
50.37' LT.

I-10 EASTBOUND EXIT RAMP ℄
N48°16'29"W

+62.08, 60.49' LT.
BEG. LT. PCC SHOULDER

STA. 813+49.68
BLUEBONNET BLVD. ℄=
STA. 699+71.48
I-10 EASTBOUND EXIT RAMP ℄

LIMITS OF CONSTRUCTION

GRADE TO DRAIN

REMOVE SEPARATOR CURB

REQ'D SIGNAL POLE
+93, 0' LT

+07.74
6.79' LT. (BOC)

REQ'D SIGNAL POLE
+08, 0.6' LT

TANGENT 1076.25' AT N45°29'25"E

9.5' 15.8' 12.0' 12.0' 12.0' 12.0'

5.1' 12.0' 12.0' 12.0' 8.0'

Δ = 166°36'49.5"
R = 7.4'
(BOC)

Δ = 93°54'33.2"

N45°38'04"E

N45°38'04"E

BLUEBONNET BLVD. ℄

REQ'D MOUNTABLE INTEGRAL CURB

+05.88
7.78 RT. (BOC)

Δ = 85°49'42.1"

BLUEBONNET BLVD. ℄

LIMITS OF CONSTRUCTION

I-10 EASTBOUND ENTRANCE RAMP ℄
N 48°32'14"W

STA. 813+33.59
BLUEBONNET BLVD. ℄=
STA. 903+99.95
I-10 EASTBOUND ENTRANCE RAMP ℄

MATCH EXISTING LANES

LIMITS OF CONSTRUCTION

STA. 813+14.35 TO STA. 813+31.53
REMOVE EXISTING CURB, MODIFY ISLAND NOSE,
AND CONSTRUCT NEW PCC PAVEMENT.
SEE TYPICAL ON SHEET 2f .

REQ'D SIGNAL POLE
+90, 77' RT

⊗ REQ'D FULL DEPTH SAWCUT
1'-0" FROM FACE OF CURB

NOTE:
1. FOR ADDITIONAL TRAFIC SIGNAL INFO, SEE SIGNAL LAYOUT SHEETS.
2. SEE I-10 EB EXIT AND ENTRANCE PLAN SHEETS FOR ADDITIONAL DETAILS.
3. MATCH EXISTING JOINTS.

STATE OF LOUISIANA
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IN
CIVIL ENGINEERING
Deborah C. Sheets
9/23/2022

SHEET NUMBER 21

PARISH	CONTROL SECTION	STATE PROJECT
EAST BATON ROUGE	258-33	H.012232

DESIGNED	CHECKED	DETAILED	CHECKED	SERIES NUMBER
DCS	DMP	DCS	MFB	18 OF 22

NO.	REVISION OR CHANGE ORDER DESCRIPTION	BY	DATE

STATE OF LOUISIANA
DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT

PLAN SHEET
(BLUEBONNET BLVD.)

LA 3064 TO LA 1248 PHASE II

DOTD

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816+00 817+00 818+00 819+00 820+00 821+00

+43.33, 83.67' LT.
END LT. PCC SHOULDER

I-10 WESTBOUND ENTRANCE RAMP

6'

R = 20.00'
Δ = 93°7'29.3"

3.3'

REMOVE ASPHALT SHOULDER

LIMITS OF CONSTRUCTION

+20.14
61.39' LT.

VARIES

+73.25

REQ'D SIGNAL POLE
+08, 67.4' LT.

+18.75
53.39' LT.

+06.01

STA. 817+74.46 TO STA. 818+05.89
REMOVE EXISTING CURB AND CONSTRUCT
PCC PAVEMENT. SEE TYPICAL
ON SHEET 2f.

P.I. STA. 821+82.21
D = 9°14'28.52"
Δ = 49°10'38.60" LT.
T = 283.71'
L = 532.15'
R = 620.00'
N = 689712.30
E = 3359324.59

+66.81
53.76' LT.

P.C. STA. 818+98.50

LIMITS OF CONSTRUCTION

12.0' 12.0' 12.0' 2.0'

12.0' 12.0' 12.0' 8.0'

TANGENT= 1076.25' N45°29'25"E

P.C. STA. 819+29.28', 29.2' LT.
(LANE LINE)

Δ = 35°24'47.7"
R = 574'
L = 354.78'

RELOCATE
LIGHT POLE

VARIES

Δ = 93°7'39.6"
R = 4'
(BOC)

REQ'D. MOUNTABLE INTEGRAL CURB

N 45°38'04" E

5.1'

BLUEBONNET BLVD. ℄

BLUEBONNET BLVD. ℄

LIMITS OF CONSTRUCTION

REQ'D SIGNAL POLE
+88, 1.0' RT

+78.74, 0.85' RT.
BEGIN PCC PAVEMENT
WIDENING

+83.62
3.55' LT. (BOC)

+28.05
3.21' LT. (BOC)

+9.29
0.28' RT. (BOC)
BEGIN TAPER
LANE

P.T. STA. 820+09.67, 13.71' LT.
(LANE LINE)

R = 600.00'
Δ = 7°44'49.42"

I-10 WESTBOUND EXIT RAMP

SCALE 1"=20'

NOTE:
1. FOR ADDITIONAL NEW TRAFFIC SIGNAL INFO. SEE SIGNAL LAYOUT SHEETS.
2. MATCH EXISTING JOINTS.
3. CLEAR AND GRUB MEDIAN ONLY AS NEEDED FOR CONSTRUCTION OF MEDIAN.

-TFO- -TFO- -TFO- -TFO- -TFO- -TFO-

⊗ REQ'D FULL DEPTH SAWCUT
1' FROM FACE OF CURB

⊡ RELOCATED LIGHT POLE
STA 819+42, 2' RT.
CONTRACTOR SHALL LOCATE EXISTING UNDERGROUND LIGHTING CIRCUIT AND RECONNECT RELOCATED LIGHT POLE TO PRESERVE THE INTEGRITY OF THE EXISTING CIRCUIT. INSTALL SPLICE AND TAP CONNECTORS IN A NEW UNDERGROUND JUNCTION BOX (JB-1) WITHIN THE MEDIAN. CONDUIT AND CONDUCTOR SIZE, TYPE AND QUANTITY SHALL MATCH EXISTING. ALL LABOR, MATERIALS, AND TESTING RELATED TO THE REMOVAL, REINSTALLATION, AND RECONNECTION OF THE RELOCATED LIGHT POLE SHALL BE INCLUDED IN PAY ITEM 822-15-02100.

STATE OF LOUISIANA
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Deborah C Sheets
9/23/2022

SHEET NUMBER 22

PARISH	CONTROL SECTION	STATE PROJECT
EAST BATON ROUGE	258-33	H.012232

DESIGNED DCS
CHECKED DMP
DETAILED DCS
CHECKED MFB
SERIES NUMBER 19 OF 22

NO.	DATE	REVISION OR CHANGE ORDER DESCRIPTION	BY

PLAN SHEET
(BLUEBONNET BLVD.)

LA 3064 TO LA 1248 PHASE II

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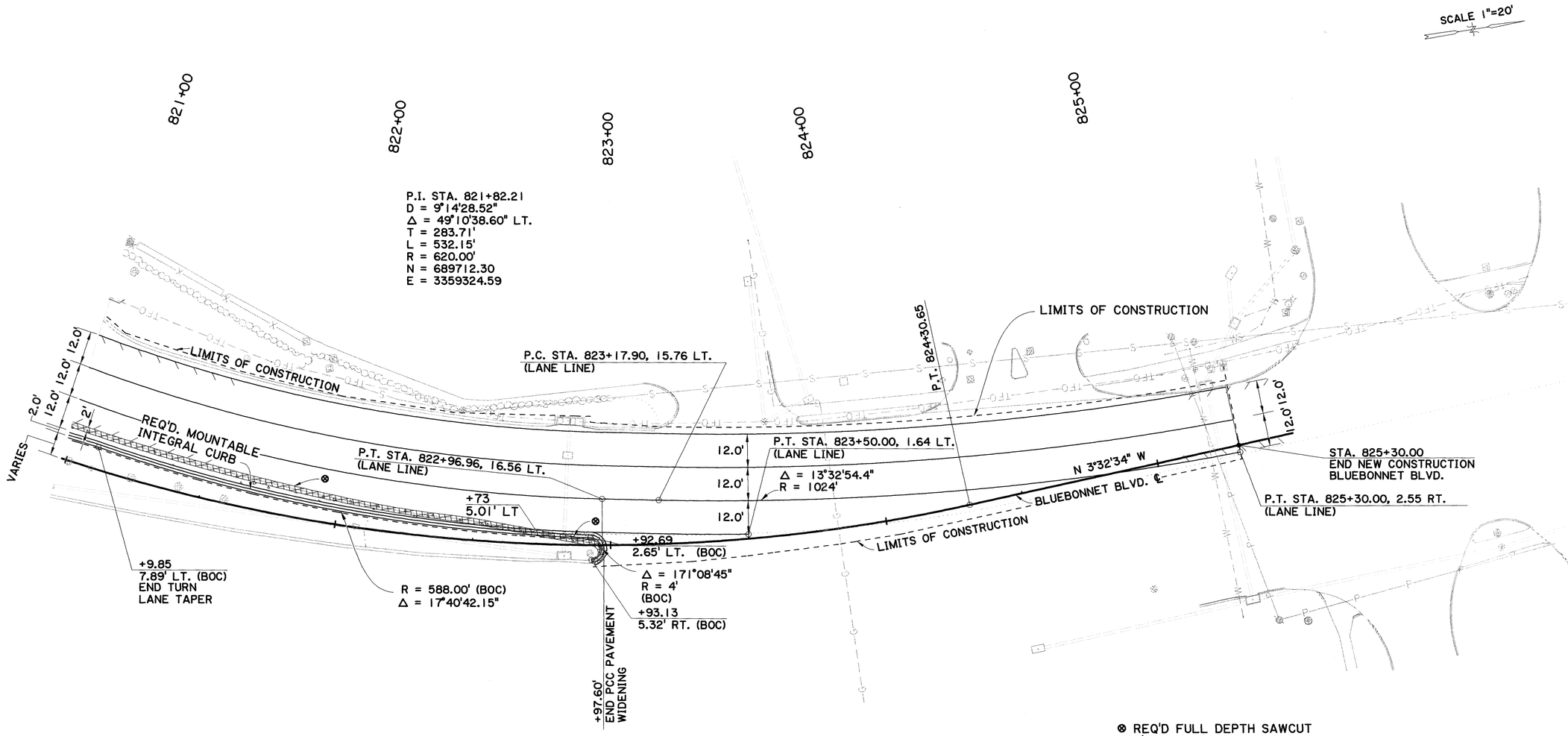

⊗ REQ'D FULL DEPTH SAWCUT
1' FROM FACE OF CURB

NOTE:
1. MATCH EXISTING JOINTS.
2. CLEAR AND GRUB MEDIAN ONLY AS NEEDED FOR CONSTRUCTION OF MEDIAN.

STATE OF LOUISIANA
DEBORAH C. SHEETS
REG. No. 25087
REGISTERED
PROFESSIONAL ENGINEER
IN
CIVIL ENGINEERING

Deborah C. Sheets
9/23/2022

SHEET NUMBER 23

PARISH	CONTROL SECTION	STATE PROJECT
EAST BATON ROUGE	258-33	H.012232

DESIGNED / CHECKED	DETAILED / CHECKED	SERIES NUMBER
DCS / DMP	DCS / MFB	20 OF 22

NO.	DATE	REVISION OR CHANGE ORDER DESCRIPTION	BY

PLAN SHEET
(BLUEBONNET BLVD.)

LA 3064 TO LA 1248 PHASE II

DOTD

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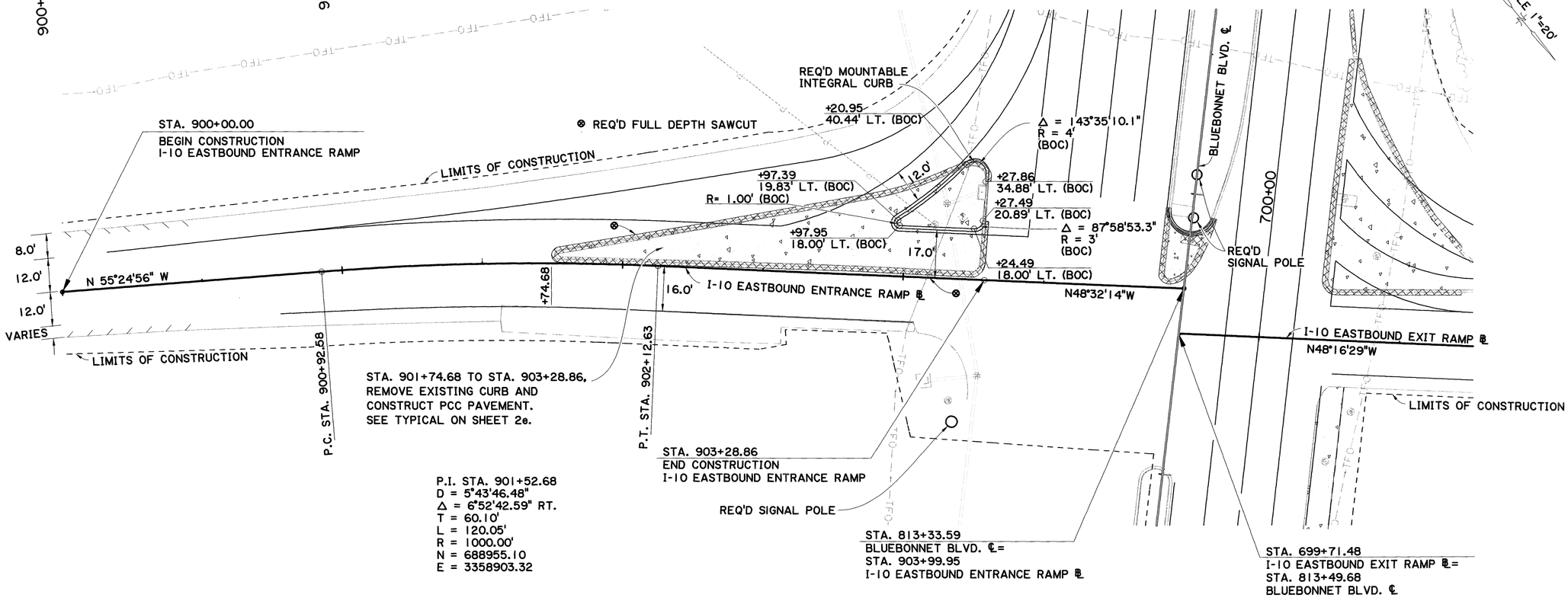

NOTES:

1. FOR NEW TRAFFIC SIGNAL LOCATIONS SEE SIGNAL LAYOUT SHEETS.
2. MATCH EXISTING JOINTS.

⊗ REQ'D FULL DEPTH SAWCUT
1' FROM FACE OF CURB

STATE OF LOUISIANA
DEBORAH C. SHEETS
REG. No. 23087
REGISTERED
PROFESSIONAL ENGINEER
IN
CIVIL ENGINEERING
Deborah C Sheets
9/23/2022

SHEET NUMBER 24

PARISH	CONTROL SECTION	STATE PROJECT
EAST BATON ROUGE	450-10	H.012232

DESIGNED	CHECKED	DETAILED	CHECKED	SERIES NUMBER
DCS	DMP	DCS	MFB	21 OF 22

NO.	DATE	REVISION OR CHANGE ORDER DESCRIPTION	BY

PLAN SHEET
(I-10 EB ENTRANCE RAMP)

LA 3064 TO LA 1248 PHASE II

DOTD

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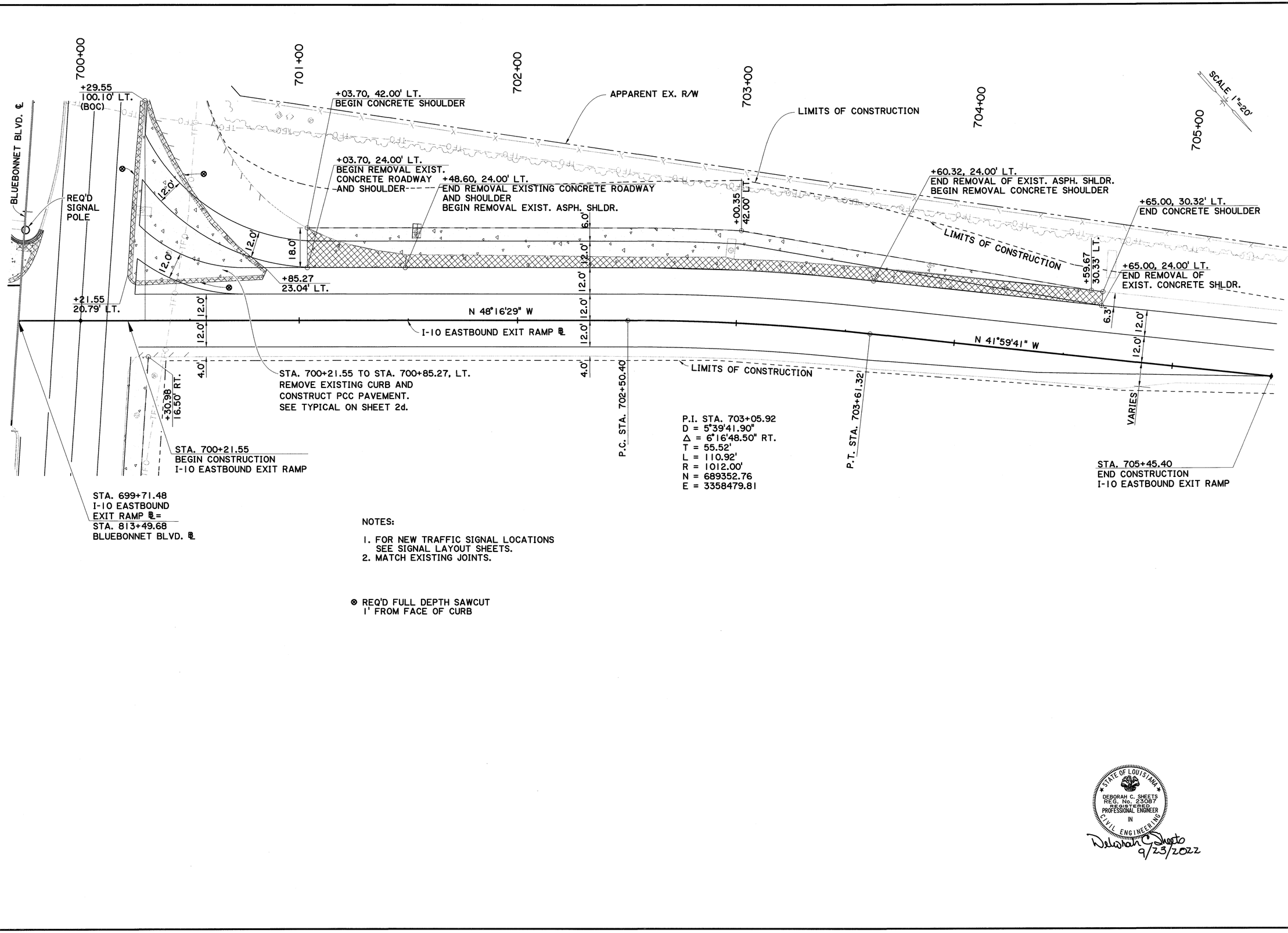

NOTES:

1. FOR NEW TRAFFIC SIGNAL LOCATIONS SEE SIGNAL LAYOUT SHEETS.
2. MATCH EXISTING JOINTS.

⊗ REQ'D FULL DEPTH SAWCUT 1' FROM FACE OF CURB

STATE OF LOUISIANA
DEBORAH C. SHEETS
REG. No. 23087
REGISTERED PROFESSIONAL ENGINEER
IN
CIVIL ENGINEERING
Deborah C Sheets 9/23/2022

SHEET NUMBER 25

PARISH	CONTROL SECTION	STATE PROJECT
EAST BATON ROUGE	450-10	H.012232

DESIGNED / CHECKED	DETAILED / CHECKED	SERIES NUMBER
DCS / DMP	DCS / MFB	22 OF 22

NO.	REVISION OR CHANGE ORDER DESCRIPTION	BY	DATE

PLAN SHEET
(I-10 EB EXIT RAMP)

LA 3064 TO LA 1248 PHASE II

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STA. 133+50
DIJON DRIVE EXTENSION
BEGIN S.P. NO. H.012232
BEGIN CONSTRUCTION

130+00
135+00
140+00
145+00
150+00
155+00
160+00
165+00

℄ DIJON DRIVE EXTENSION

I-10

WARD CREEK

SCALE 1"=200'

D.A. = 9.1 AC
D.A. = 12.0 AC
D.A. = 89.4 AC
D.A. = 9.4 AC
D.A.=0.5
D.A.=0.2
D.A.=0.1
D.A.=0.5
D.A.=0.5
D.A.=0.5
D.A.=1.3
D.A.=1.1
D.A.=0.7

STA. 168+00
DIJON DRIVE EXTENSION
END S.P. NO. H.012232

SUMMA AVE.

SUMMA CT.

BUTTER CREEK LANE

D.A. = 4.9 AC
D.A. = 3.6 AC

PEYTON AVE.

PICARDY AVE.

PICARDY AVE.

BLUEBONNET BLVD.

NOTE:
DRAINAGE AREAS MEASURED IN ACRES

STATE OF LOUISIANA
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9/23/2022

SHEET NUMBER	26
PARISH	EAST BATON ROUGE
CONTROL SECTION	000-17
STATE PROJECT	H.012232
DESIGNED	MEN
CHECKED	CMH
DETAILED	TW
CHECKED	MFB
SERIES NUMBER	1 OF 1

NO.	DATE	BY	REVISION OR CHANGE ORDER DESCRIPTION

STATE OF LOUISIANA
DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT

EXISTING DRAINAGE MAP

LA 3064 TO LA 1248 PHASE II

DOTD

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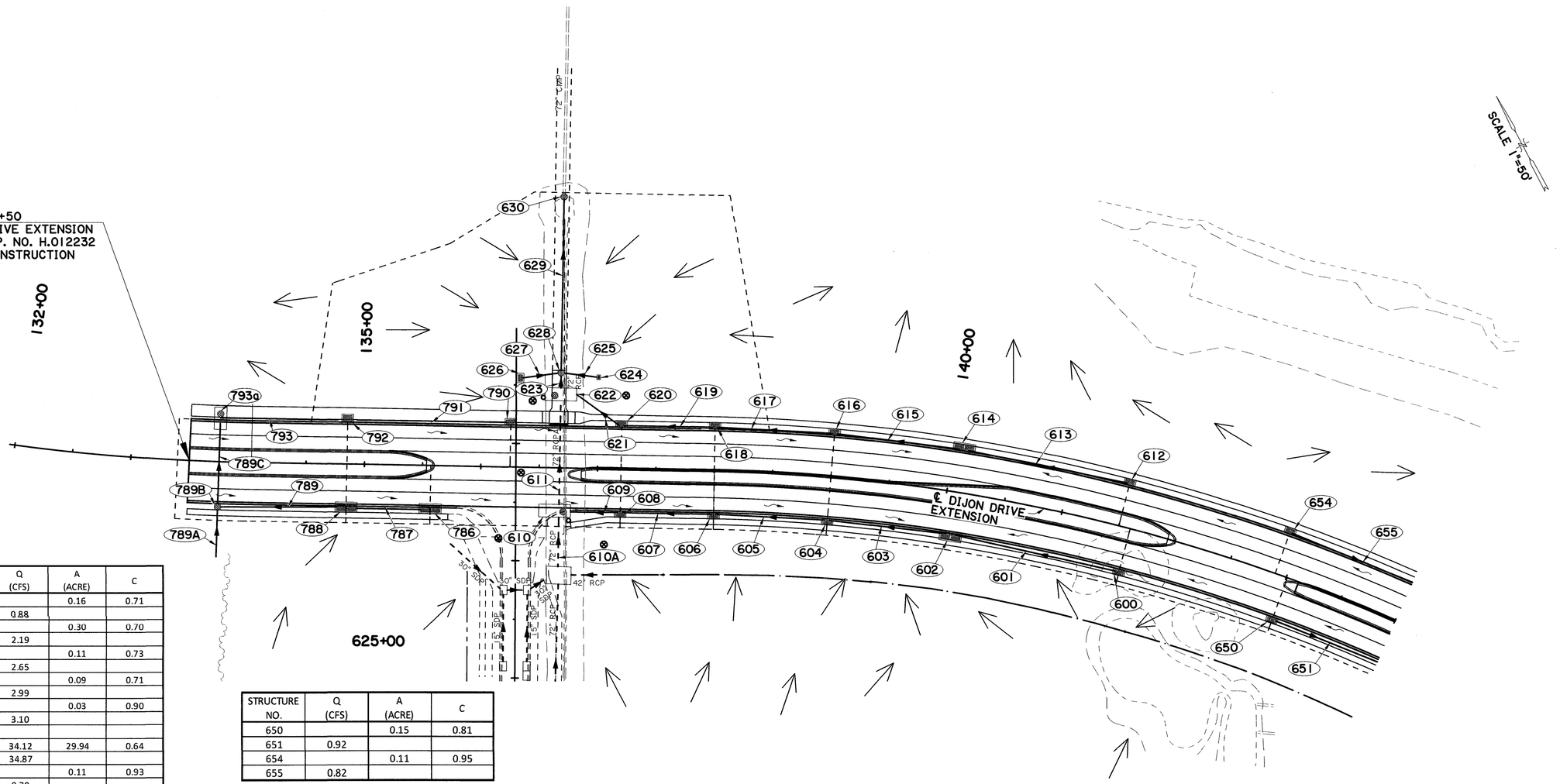
STORM SEWER DESIGN CRITERIA

1. Q = CIA cfs
2. A = DRAINAGE AREA (ACRES)
3. RAINFALL REGION I
4. C = 0.95 (PAVEMENT) &
   C = 0.35 (OPEN LAND)
5. DESIGN YEAR = 10 YR. STORM

LEGEND

- DRAINAGE AREA BOUNDARY
- EXISTING DRAINAGE STRUCTURE
- EXISTING DRAINAGE FLOW PATTERN
- DESIGN DRAINAGE FLOW PATTERN



STRUCTURE NO.	Q (CFS)	A (ACRE)	C
600		0.16	0.71
601	0.88		
602		0.30	0.70
603	2.19		
604		0.11	0.73
605	2.65		
606		0.09	0.71
607	2.99		
608		0.03	0.90
609	3.10		
⊗ 610			
⊗ 610a	34.12	29.94	0.64
⊗ 611	34.87		
612		0.11	0.93
613	0.79		
614		0.20	0.87
615	1.85		
616		0.08	0.95
617	2.26		
618		0.07	0.89
619	2.58		
620		0.08	0.93
621	2.98		
⊗ 622			
⊗ 623	35.50		
624		0.73	0.35
625	1.45		
626		0.75	0.35
627	1.50		
628			
629	36.37		
630			

STRUCTURE NO.	Q (CFS)	A (ACRE)	C
650		0.15	0.81
651	0.92		
654		0.11	0.95
655	0.82		

STRUCTURE NO.	Q (CFS)	A (ACRE)	C
786		0.08	0.75
787	0.48		
788		0.16	0.71
789	1.28		
789A	19.79	3.50	0.85
789B			
789C	20.81		
790		0.11	0.89
791	0.79		
792		0.12	0.75
793	1.36		

NOTE:
610A ACCEPTS FLOW FROM MIDWAY DR. SUBSURFACE STORM DRAIN SYSTEM TO BE CONSTRUCTED BY SEPARATE PROJECT. (C-P PROJECT NO. 20-CP-HC-0008)

⊗ TO BE CONSTRUCTED BY SEPARATE PROJECT. (C-P PROJECT NO. 20-CP-HC-0008)

STATE OF LOUISIANA
MARY FRANCES BRATTON
REG. No. 41444
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Mary Bratton
2/1/2023

SHEET NUMBER 27

PARISH	CONTROL SECTION	STATE PROJECT
EAST BATON ROUGE	000-17	H.012232

DESIGNED	CHECKED	DETAILED	CHECKED	SERIES NUMBER
MEN	CMH	TW	MFB	1 OF 3

NO.	DATE	REVISION OR CHANGE ORDER DESCRIPTION	BY

STATE OF LOUISIANA
DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT

DESIGN DRAINAGE MAP

LA 3064 TO LA 1248 PHASE II

DOTD

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STORM SEWER DESIGN CRITERIA

1. Q = CIA cfs
2. A = DRAINAGE AREA (ACRES)
3. RAINFALL REGION I
4. C = 0.95 (PAVEMENT) &
   C = 0.35 (OPEN LAND)
5. DESIGN YEAR = 10 YR. STORM

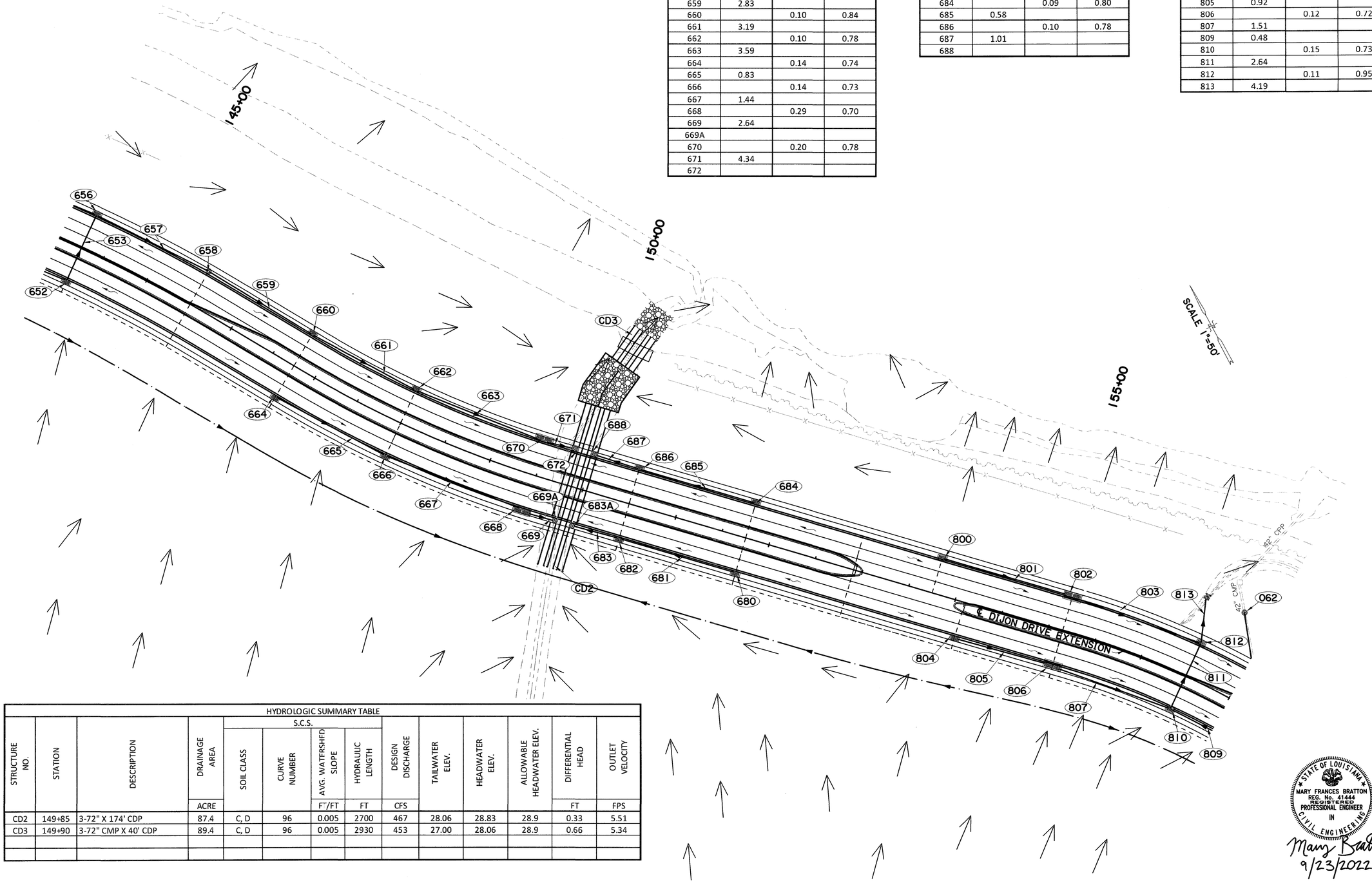
LEGEND

- DRAINAGE AREA BOUNDARY
- EXISTING DRAINAGE STRUCTURE
- EXISTING DRAINAGE FLOW PATTERN
- DESIGN DRAINAGE FLOW PATTERN

STRUCTURE NO.	Q (CFS)	A (ACRE)	C
652		0.14	0.81
653	1.55		
656		0.10	0.95
657	2.83		
658			
659	2.83		
660		0.10	0.84
661	3.19		
662		0.10	0.78
663	3.59		
664		0.14	0.74
665	0.83		
666		0.14	0.73
667	1.44		
668		0.29	0.70
669	2.64		
669A			
670		0.20	0.78
671	4.34		
672			

STRUCTURE NO.	Q (CFS)	A (ACRE)	C
680		0.14	0.69
681	0.76		
682		0.14	0.73
683	1.37		
683A			
684		0.09	0.80
685	0.58		
686		0.10	0.78
687	1.01		
688			

STRUCTURE NO.	Q (CFS)	A (ACRE)	C
800		0.07	0.93
801	0.52		
802		0.11	0.95
803	1.17		
804		0.14	0.81
805	0.92		
806		0.12	0.72
807	1.51		
809	0.48		
810		0.15	0.73
811	2.64		
812		0.11	0.95
813	4.19		



HYDROLOGIC SUMMARY TABLE

STRUCTURE NO.	STATION	DESCRIPTION	DRAINAGE AREA	S.C.S. SOIL CLASS	S.C.S. CURVE NUMBER	AVG. WATERSHED SLOPE	HYDRAULIC LENGTH	DESIGN DISCHARGE	TAILWATER ELEV.	HEADWATER ELEV.	ALLOWABLE HEADWATER ELEV.	DIFFERENTIAL HEAD	OUTLET VELOCITY
			ACRE			F'/FT	FT	CFS				FT	FPS
CD2	149+85	3-72" X 174' CDP	87.4	C, D	96	0.005	2700	467	28.06	28.83	28.9	0.33	5.51
CD3	149+90	3-72" CMP X 40' CDP	89.4	C, D	96	0.005	2930	453	27.00	28.06	28.9	0.66	5.34

STATE OF LOUISIANA
MARY FRANCES BRATTON
REG. No. 41444
REGISTERED
PROFESSIONAL ENGINEER
IN
CIVIL ENGINEERING

Mary Bratton
9/23/2022

SHEET NUMBER 28

PARISH: EAST BATON ROUGE
CONTROL SECTION: 000-17
STATE PROJECT: H.012232

DESIGNED MEN
CHECKED CMH
DETAILED TW
CHECKED MFB
SERIES NUMBER 2 OF 3

NO.	DATE	REVISION OR CHANGE ORDER DESCRIPTION	BY

STATE OF LOUISIANA
DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT

DESIGN DRAINAGE MAP

LA 3064 TO LA 1248 PHASE II

DOTD
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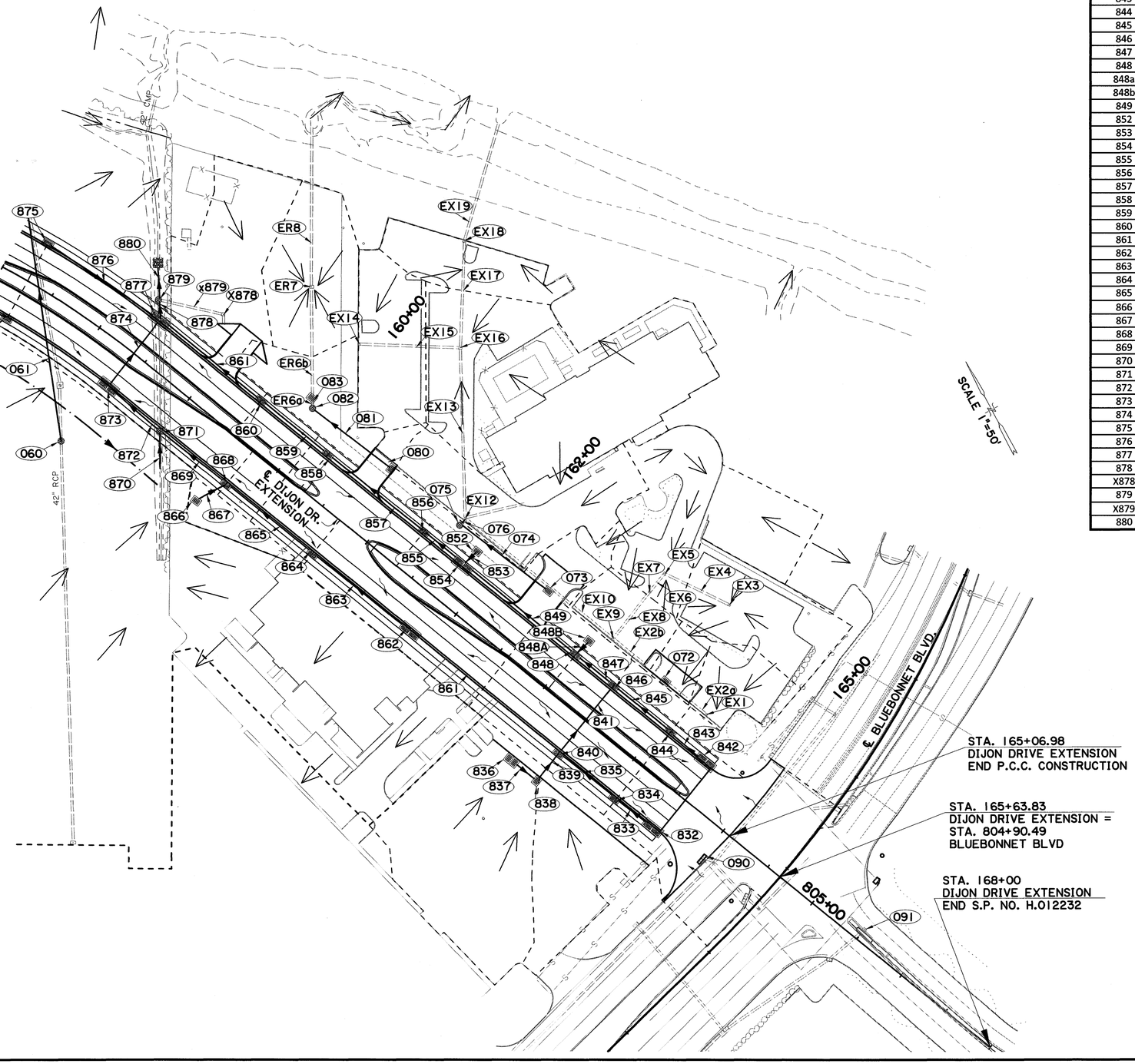
STORM SEWER DESIGN CRITERIA

1. Q = CIA cfs
2. A = DRAINAGE AREA (ACRES)
3. RAINFALL REGION I
4. C = 0.95 (PAVEMENT) &
   C = 0.35 (OPEN LAND)
5. DESIGN YEAR = 10 YR. STORM

LEGEND

- DRAINAGE AREA BOUNDARY
- EXISTING DRAINAGE STRUCTURE
- EXISTING DRAINAGE FLOW PATTERN
- DESIGN DRAINAGE FLOW PATTERN



STRUCTURE NO.	Q (CFS)	A (ACRE)	C
EX1		0.11	0.83
EX2a	0.72		
072		0.05	0.83
EX2b	1.00		
EX3		0.22	0.85
EX4	1.45		
EX5		0.38	0.85
EX6	3.87		
EX7			
EX8	3.87		
EX9		0.10	0.83
EX10	5.38		
073		0.10	0.83
074	0.64		
075			
076	0.64		
EX12		0.28	0.83
EX13	7.42		
EX14		0.19	0.85
EX15	1.32		
EX16		0.69	0.85
EX17	12.43		
EX18		0.14	0.85
EX19	13.05		
080		0.04	0.85
081	0.25		
082			
ER6a	0.25		
083		0.15	0.85
ER6b	1.00		
ER7		0.23	0.85
ER8	2.01		
808		0.09	0.67
832		0.22	0.91
833	1.61		
834		0.08	0.85
835	2.12		
836		0.48	0.95
837	3.63		
838		0.22	0.95
839	5.25		

STRUCTURE NO.	Q (CFS)	A (ACRE)	C
840		0.11	0.78
841	7.86		
842		0.23	0.84
843	1.56		
844		0.07	0.77
845	1.93		
846		0.05	0.66
847	9.63		
848		0.05	0.68
848a	0.27		
848b		0.12	0.40
849	7.37		
852		0.10	0.40
853	0.24		
854		0.13	0.72
855	7.79		
856		0.11	0.83
857	8.17		
858		0.02	0.65
859	8.17		
860		0.06	0.77
861	8.17		
862		0.23	0.72
863	1.32		
864		0.07	0.83
865	1.66		
866		0.04	0.95
867	0.33		
868		0.04	0.88
869	2.13		
870	39.82	8.15	0.85
871			
872	41.49		
873		0.26	0.77
874	42.45		
875		0.06	0.90
876	0.43		
877		0.22	0.75
878	43.33		
X878		0.28	0.95
879			
X879	2.13		
880	44.49		

STATE OF LOUISIANA
MARY FRANCES BRATTON
REG. No. 41444
REGISTERED
PROFESSIONAL ENGINEER
IN
CIVIL ENGINEERING
Mary Bratton
9/23/2022

SHEET NUMBER 29

PARISH	CONTROL SECTION	STATE PROJECT
EAST BATON ROUGE	000-17	H.012232

DESIGNED	CHECKED	DETAILED	CHECKED	SERIES NUMBER
MEN	CMH	TW	MFB	3 OF 3

NO.	DATE	REVISION OR CHANGE ORDER DESCRIPTION	BY

DESIGN DRAINAGE MAP

LA 3064 TO LA 1248 PHASE II

POTP

Stantec

30-SEP-2022 12:5

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SUMMARY OF DRAINAGE STRUCTURES

STRUCTURE NO.	STATION	REMARKS	PLAN	TYPE	STORM DRAIN PIPE (TYPE 3 JOINTS) LIN. FT.									STORM DRAIN PIPE (OUTFALL) (TYPE 3 JOINTS) LIN. FT.		CROSS DRAIN PIPE (TYPE 3 JOINTS) LIN. FT.		CATCH BASINS/MANHOLES						CAP DRAINAGE STRUCTURE	ADJUST CATCH BASIN	BEDDING MATERIAL
					15"	18"	24"	30"	36"	42"	42" EQUIV.	54"	72"	24" EQUIV.	54"	72"	72" CMP	CB-01	CB-06	CB-07	CB-08	MH-06	CB-2TOP02			
																		EA.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	CY
060	158+34	MANHOLE, RT.	MH-06	MH																	1				1.4
061	157+46	STORM DRAIN PIPE, 42" X 243'		SDP						243															32.6
062	156+75	MANHOLE, LT.	MH-06	MH																	1				1.4
072	163+79	CATCH BASIN, LT. (TYPE C)	CB-01	CB														1							0.8
073	162+50	CATCH BASIN, LT. (TYPE C)	CB-01	CB														1							0.8
074	162+00	STORM DRAIN PIPE, 15" X 95', LT.		SDP	95																				8.1
075	161+54	MANHOLE, LT.	MH-06	MH																	1				1.4
076	161+54	STORM DRAIN PIPE, 15" X 10', LT.		SDP	10																				0.9
080	160+77	CATCH BASIN, LT. (TYPE C)	CB-01	CB														1							0.8
081	160+00	STORM DRAIN PIPE, 15" X 86', LT.		SDP	86																				7.4
082	159+89	MANHOLE, LT.	MH-06	MH																	1				1.4
083	159+83	CATCH BASIN, LT. (TYPE C)	CB-01	CB														1							0.8
090	165+00	CAP CATCH BASIN, RT.		CB - CAP																				1		0.0
091	166+50	ADJUST CATCH BASIN TOP, LT.		CB - ADJ.																					1	0.0
600	141+60	CATCH BASIN, RT.	CB-06	CB															1							1.0
601	140+85	STORM DRAIN PIPE, 18" X 142', RT.		SDP		142																				12.9
602	140+09	CATCH BASIN, RT. (TYPE I)	CB-08	CB																		1				1.8
603	139+51	STORM DRAIN PIPE, 18" X 101', RT.		SDP		101																				9.2
604	139+00	CATCH BASIN, RT.	CB-06	CB															1							1.0
605	138+50	STORM DRAIN PIPE, 18" X 95', RT.		SDP		95																				8.6
606	138+00	CATCH BASIN, RT.	CB-06	CB															1							1.0
607	137+60	STORM DRAIN PIPE, 18" X 77', RT.		SDP		77																				7.0
608	137+20	CATCH BASIN, RT.	CB-06	CB															1							1.0
609	136+96	STORM DRAIN PIPE, 24" X 43', RT.		SDP			43																			4.4
612	141+50	CATCH BASIN, LT.	CB-06	CB															1							1.0
613	140+81	STORM DRAIN PIPE, 18" X 139', LT.		SDP		139																				12.7
614	140+09	CATCH BASIN, LT. (TYPE I)	CB-08	CB																		1				1.8
615	139+53	STORM DRAIN PIPE, 18" X 107', LT.		SDP		107																				9.7
616	139+00	CATCH BASIN, LT.	CB-06	CB															1							1.0
617	138+50	STORM DRAIN PIPE, 18" X 100', LT.		SDP		100																				9.1
618	138+00	CATCH BASIN, LT.	CB-06	CB															1							1.0
619	137+60	STORM DRAIN PIPE, 18" X 77', LT.		SDP		77																				7.0
SUBTOTAL THIS SHEET					191	838	43	0	0	243	0	0	0	0	0	0	0	4	7	0	2	4	0	1	1	149

STATE OF LOUISIANA
MARY FRANCES BRATTON
REG. No. 41444
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CIVIL ENGINEERING

Mary Bratton
2/1/2023

SHEET NUMBER 30

PARISH	CONTROL SECTION	STATE PROJECT
EAST BATON ROUGE	000-17	H.012232

DESIGNED	DETAILED	SERIES NUMBER
MEN	TW	1 OF 5
CHECKED	CHECKED	
CMH	MFB	

NO.	REVISION OR CHANGE ORDER DESCRIPTION	DATE	BY

SUMMARY OF DRAINAGE STRUCTURES

LA 3064 TO LA 1248 PHASE II

BOTD

Stantec

SUMMARY OF DRAINAGE STRUCTURES

STRUCTURE NO.	STATION	REMARKS	PLAN	TYPE	STORM DRAIN PIPE (TYPE 3 JOINTS) LIN. FT.									STORM DRAIN PIPE (OUTFALL) (TYPE 3 JOINTS) LIN. FT.		CROSS DRAIN PIPE (TYPE 3 JOINTS) LIN. FT.		CATCH BASINS/MANHOLES						CAP DRAINAGE STRUCTURE	ADJUST CATCH BASIN	BEDDING MATERIAL
					15"	18"	24"	30"	36"	42"	42" EQUIV.	54"	72"	24" EQUIV.	54"	72"	72" CMP	CB-01	CB-06	CB-07	CB-08	MH-06	CB-2TOP02			
																		EA.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	CY
620	137+20	CATCH BASIN, LT.	CB-06	CB															1							1.0
621	136+99	STORM DRAIN PIPE, 24" X 52', LT.		SDP			52																			5.3
624	137+00	CATCH BASIN, LT. (TYPE C)	CB-01	CB														1								0.8
625	136+77	STORM DRAIN PIPE, 24" X 31', LT.		SDP			31																			3.2
626	136+52	CATCH BASIN, LT. (TYPE C)	CB-01	CB														1								0.8
627	136+33	STORM DRAIN PIPE, 24" X 34', LT.		SDP			34																			3.5
628	136+67	MANHOLE, LT.	MH-06	MH																		1				1.4
629	136+67	STORM DRAIN PIPE, 72" X 148', LT.		SDP									148													27.9
630	136+68	MANHOLE, LT.	MH-06	MH																		1				1.4
650	143+01	CATCH BASIN, RT.	CB-06	CB															1							1.0
651	143+63	STORM DRAIN PIPE, 18" X 118', RT.		SDP		118																				10.7
652	144+25	CATCH BASIN, RT.	CB-06	CB															1							1.0
653	144+25	STORM DRAIN PIPE, 18" X 73'		SDP		73																				6.6
654	142+90	CATCH BASIN, LT.	CB-06	CB															1							1.0
655	143+58	STORM DRAIN PIPE, 18" X 135', LT.		SDP		135																				12.3
656	144+25	CATCH BASIN, LT.	CB-06	CB															1							1.0
657	144+88	STORM DRAIN PIPE, 18" X 127', LT.		SDP		127																				11.6
658	145+51	MANHOLE, LT.	MH-06	MH																		1				1.4
659	146+12	STORM DRAIN PIPE, 18" X 123', LT.		SDP		123																				11.2
660	146+75	CATCH BASIN, LT.	CB-06	CB															1							1.0
661	147+37	STORM DRAIN PIPE, 18" X 118', LT.		SDP		118																				10.7
662	148+00	CATCH BASIN, LT.	CB-06	CB															1							1.0
663	148+72	STORM DRAIN PIPE, 18" X 138', LT.		SDP		138																				12.6
664	146+75	CATCH BASIN, RT.	CB-06	CB															1							1.0
665	147+38	STORM DRAIN PIPE, 18" X 126', RT.		SDP		126																				11.5
666	148+00	CATCH BASIN, RT.	CB-06	CB															1							1.0
667	148+72	STORM DRAIN PIPE, 18" X 146', RT.		SDP		146																				13.3
668	149+47	CATCH BASIN, RT. (TYPE I)	CB-08	CB																	1					1.9
669	149+65	STORM DRAIN PIPE, 24" X 31', RT.		SDP			31																			3.2
669A	149+82	MANHOLE, RT.	MH-06	MH																		1				1.4
SUBTOTAL THIS SHEET					0	1104	148	0	0	0	0	0	148	0	0	0	0	2	9	0	1	4	0	0	0	161.7

STATE OF LOUISIANA
MARY FRANCES BRATTON
REG. No. 41444
REGISTERED PROFESSIONAL ENGINEER
IN
CIVIL ENGINEERING

Mary Bratton
2/1/2023

SHEET NUMBER	31
PARISH	EAST BATON ROUGE
CONTROL SECTION	000-17
STATE PROJECT	H.012232
DESIGNED	MEN
CHECKED	CMH
DETAILED	TW
CHECKED	MFB
SERIES NUMBER	2 OF 5

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

STATE OF LOUISIANA DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT

SUMMARY OF DRAINAGE STRUCTURES

LA 3064 TO LA 1248 PHASE II

DOTD

Stantec

SUMMARY OF DRAINAGE STRUCTURES

STRUCTURE NO.	STATION	REMARKS	PLAN	TYPE	STORM DRAIN PIPE (TYPE 3 JOINTS) LIN. FT.									STORM DRAIN PIPE (OUTFALL) (TYPE 3 JOINTS) LIN. FT.		CROSS DRAIN PIPE (TYPE 3 JOINTS) LIN. FT.		CATCH BASINS/MANHOLES						CAP DRAINAGE STRUCTURE	ADJUST CATCH BASIN	BEDDING MATERIAL
					15"	18"	24"	30"	36"	42"	42" EQUIV.	54"	72"	24" EQUIV.	54"	72"	72" CMP	CB-01	CB-06	CB-07	CB-08	MH-06	CB-2TOP02			
																		EA.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	CY
670	149+47	CATCH BASIN, LT. (TYPE I)	CB-07	CB																1						1.3
671	149+71	STORM DRAIN PIPE, 24" X 32', LT.		SDP			32																			3.3
672	149+82	MANHOLE, LT.	MH-06	MH																		1				1.4
680	151+75	CATCH BASIN, RT.	CB-06	CB															1							1.0
681	151+13	STORM DRAIN PIPE, 18" X 122', RT.		SDP		122																				11.1
682	150+50	CATCH BASIN, RT.	CB-06	CB															1							1.0
683	150+25	STORM DRAIN PIPE, 24" X 48', RT.		SDP			48																			4.9
683A	150+00	MANHOLE, RT.	MH-06	MH																		1				1.4
684	151+75	CATCH BASIN, LT.	CB-06	CB															1							1.0
685	151+13	STORM DRAIN PIPE, 18" X 122', LT.		SDP		122																				11.1
686	150+50	CATCH BASIN, LT.	CB-06	CB															1							1.0
687	150+20	STORM DRAIN PIPE, 24" X 47', LT.		SDP			47																			4.8
688	150+00	MANHOLE, LT.	MH-06	MH																		1				1.0
786	135+57	CATCH BASIN, RT. (TYPE I)	CB-08	CB																	1					3.0
787	135+21	STORM DRAIN PIPE, 15" X 65', RT.		SDP	65																					5.6
788	134+85	CATCH BASIN, RT. (TYPE I)	CB-08	CB																	1					3.0
789	134+25	STORM DRAIN PIPE, 15" X 105', RT.		SDP	105																					9.0
789A	133+76	STORM DRAIN PIPE, 36" X 42', RT.		SDP					42																	5.2
789B	133+76	MANHOLE, RT.	MH-06	MH																		1				1.0
789C	133+76	STORM DRAIN PIPE, 42" X 71'		SDP						71																9.5
790	136+25	CATCH BASIN, LT.	CB-06	CB															1							1.0
791	136+56	STORM DRAIN PIPE, 15" X 135', LT.		SDP	135																					11.6
792	134+85	CATCH BASIN, LT. (TYPE I)	CB-07	CB																1						1.3
793A	133+76	MANHOLE, LT.	MH-06	MH																		1				1.4
793	134+29	STORM DRAIN PIPE, 24" X 107', LT.		SDP	107																					9.2
800	153+75	CATCH BASIN, LT.	CB-06	CB															1							1.0
801	154+38	STORM DRAIN PIPE, 15" X 135', LT.		SDP	135																					11.6
802	155+15	CATCH BASIN, LT. (TYPE I)	CB-08	CB																	1					3.0
803	155+75	STORM DRAIN PIPE, 15" X 135', LT.		SDP	135																					11.6
804	154+10	CATCH BASIN, RT.	CB-06	CB															1							1.0
805	154+61	STORM DRAIN PIPE, 15" X 100', RT.		SDP	100																					8.6
806	155+15	CATCH BASIN, RT. (TYPE I)	CB-08	CB																	1					3.0
807	155+74	STORM DRAIN PIPE, 15" X 135', RT.		SDP	135																					11.6
SUBTOTAL THIS SHEET					917	244	127	0	42	71	0	0	0	0	0	0	0	0	7	2	4	5	0	0	0	156.5

STATE OF LOUISIANA
MARY FRANCES BRATTON
REG. No. 41444
REGISTERED
PROFESSIONAL ENGINEER
IN
CIVIL ENGINEERING

Mary Bratton
2/1/2023

SHEET NUMBER 32

PARISH	CONTROL SECTION	STATE PROJECT
EAST BATON ROUGE	000-17	H.012232

DESIGNED	CHECKED	DETAILED	CHECKED	SERIES NUMBER
MEN	CMH	TW	MFB	3 OF 5

NO.	DATE	REVISION OR CHANGE ORDER DESCRIPTION	BY

STATE OF LOUISIANA
DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT

SUMMARY OF DRAINAGE STRUCTURES

LA 3064 TO LA 1248 PHASE II

DOTD

Stantec

SUMMARY OF DRAINAGE STRUCTURES

STRUCTURE NO.	STATION	REMARKS	PLAN	TYPE	STORM DRAIN PIPE (TYPE 3 JOINTS) LIN. FT.									STORM DRAIN PIPE (OUTFALL) (TYPE 3 JOINTS) LIN. FT.		CROSS DRAIN PIPE (TYPE 3 JOINTS) LIN. FT.		CATCH BASINS/MANHOLES						CAP DRAINAGE STRUCTURE	ADJUST CATCH BASIN	BEDDING MATERIAL
					15"	18"	24"	30"	36"	42"	42" EQUIV.	54"	72"	24" EQUIV.	54"	72"	72" CMP	CB-01 EA.	CB-06 EA.	CB-07 EA.	CB-08 EA.	MH-06 EA.	CB-2TOPO2 EA.	EA.	EA.	CY
808	157+25	CATCH BASIN, RT.	CB-06	CB															1							1.0
809	156+88	STORM DRAIN PIPE, 15" X 70', RT.		SDP	70																					6.0
810	156+50	CATCH BASIN, RT.	CB-06	CB															1							1.0
811	156+50	STORM DRAIN PIPE, 18" X 73'		SDP		73																				6.6
812	156+50	CATCH BASIN, LT.	CB-06	CB															1							1.0
813	156+43	STORM DRAIN PIPE ARCH, 24" EQUIV. X 46' (OUTFALL), LT.		SDP										46												5.0
832	164+50	CATCH BASIN, RT. (TYPE I)	CB-08	CB																	1					1.8
833	164+36	STORM DRAIN PIPE, 18" X 35', RT.		SDP		35																				3.2
834	164+10	CATCH BASIN, RT.	CB-06	CB														1								0.8
835	163+78	STORM DRAIN PIPE, 18" X 62', RT.		SDP		62																				5.6
836	163+18	CATCH BASIN, RT.	CB-2TOPO2	CB																			1			0.9
837	163+32	STORM DRAIN PIPE, 18" X 26', RT.		SDP		26																				2.4
838	163+46	CATCH BASIN, RT. (TYPE C)	CB-01	CB														1								0.8
839	163+46	STORM DRAIN PIPE, 18" X 28', RT.		SDP		28																				2.5
840	163+46	CATCH BASIN, RT	CB-06	CB															1							1.0
841	163+46	STORM DRAIN PIPE, 30" X 73'		SDP				73																		8.2
842	164+50	CATCH BASIN, LT. (TYPE I)	CB-08	CB																	1					1.8
843	164+39	STORM DRAIN PIPE, 24" X 35', LT.		SDP			35																			3.6
844	164+10	CATCH BASIN, LT.	CB-06	CB															1							1.0
845	163+78	STORM DRAIN PIPE, 24" X 62', LT.		SDP			62																			6.3
846	163+46	CATCH BASIN, LT.	CB-06	CB															1							1.0
847	163+25	STORM DRAIN PIPE, 30" X 40', LT.		SDP				40																		4.5
848	163+03	CATCH BASIN, LT.	CB-06	CB															1							1.0
848a	163+04	STORM DRAIN PIPE, 18" X 17', LT.		SDP		17																				1.5
848b	163+05	CATCH BASIN, LT. (TYPE C)	CB-01	CB														1								0.8
849	162+42	STORM DRAIN PIPE, 36" X 121', LT.		SDP					121																	14.9
852	161+80	CATCH BASIN, LT. (TYPE C)	CB-01	MH														1								0.8
853	161+78	STORM DRAIN PIPE, 24" X 12', LT.		SDP			12																			1.2
854	161+78	CATCH BASIN, LT. (TYPE I)	CB-08	CB																	1					1.8
855	161+54	STORM DRAIN PIPE, 36" X 40', LT.		SDP					40																	4.9
856	161+33	CATCH BASIN, LT.	CB-06	CB															1							1.0
857	160+79	STORM DRAIN PIPE, 36" X 105', LT.		SDP					105																	13.0
SUBTOTAL THIS SHEET					70	241	109	113	266	0	0	0	0	46	0	0	0	4	8	0	3	0	1	0	0	106.9

STATE OF LOUISIANA
MARY FRANCES BRATTON
REG. No. 41444
REGISTERED
PROFESSIONAL ENGINEER
IN
CIVIL ENGINEERING

Mary Bratton
2/1/2023

SHEET NUMBER 33

PARISH	CONTROL SECTION	STATE PROJECT
EAST BATON ROUGE	000-17	H.012232

DESIGNED / CHECKED	DETAILED / CHECKED	SERIES NUMBER
MEN / CMH	TW / MFB	4 OF 5

NO.	DATE	REVISION OR CHANGE ORDER DESCRIPTION	BY

STATE OF LOUISIANA DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT

SUMMARY OF DRAINAGE STRUCTURES

LA 3064 TO LA 1248 PHASE II

DOTD Stantec

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SUMMARY OF DRAINAGE STRUCTURES

STRUCTURE NO.	STATION	REMARKS	PLAN	TYPE	STORM DRAIN PIPE (TYPE 3 JOINTS) LIN. FT. 15"	18"	24"	30"	36"	42"	42" EQUIV.	54"	72"	STORM DRAIN PIPE (OUTFALL) (TYPE 3 JOINTS) LIN. FT. 24" EQUIV.	54"	CROSS DRAIN PIPE (TYPE 3 JOINTS) LIN. FT. 72"	72" CMP	CATCH BASINS/MANHOLES CB-01 EA.	CB-06 EA.	CB-07 EA.	CB-08 EA.	MH-06 EA.	CB-2TOP02 EA.	CAP DRAINAGE STRUCTURE EA.	ADJUST CATCH BASIN EA.	BEDDING MATERIAL CY
858	160+25	CATCH BASIN, LT.	CB-06	CB															1							1.0
859	159+88	STORM DRAIN PIPE, 42" X 73', LT.		SDP						73																9.8
860	159+50	CATCH BASIN, LT.	CB-06	CB															1							1.0
861	159+10	STORM DRAIN PIPE ARCH, 42" EQUIV. X 107', LT.		SDPA							107															15.9
862	161+78	CATCH BASIN, RT. (TYPE I)	CB-08	CB																		1				1.8
863	161+22	STORM DRAIN PIPE, 18" X 103', RT.		SDP		103																				9.4
864	160+70	CATCH BASIN, RT.	CB-06	CB															1							1.0
865	160+21	STORM DRAIN PIPE, 18" X 94', RT.		SDP		94																				8.6
866	159+61	CATCH BASIN, RT. (TYPE C)	CB-01	CB														1								0.8
867	159+66	STORM DRAIN PIPE, 15" X 30', RT.		SDP	30																					2.6
868	159+72	CATCH BASIN, RT.	CB-06	CB															1							1.0
869	159+35	STORM DRAIN PIPE, 18" X 72', RT.		SDP		72																				6.6
870	159+09	STORM DRAIN PIPE, 30" X 32', RT.		SDP				32																		3.6
871	158+98	MANHOLE, RT.	MH-06	MH																			1			1.4
872	158+69	STORM DRAIN PIPE, 42" X 55', RT.		SDP						55																7.4
873	158+40	CATCH BASIN, RT. (TYPE I)	CB-08	CB																		1				1.8
874	158+39	STORM DRAIN PIPE, 42" X 69'		SDP						69																9.3
875	157+25	CATCH BASIN, LT.	CB-06	CB															1							1.0
876	157+80	STORM DRAIN PIPE, 15" X 116', LT.		SDP	116																					9.9
877	158+40	CATCH BASIN, LT. (TYPE I)	CB-08	CB																		1				1.8
878	158+33	STORM DRAIN PIPE, 54" X 16', LT.		SDP								16														2.5
879	158+27	MANHOLE, LT.	MH-06	MH																			1			1.4
880	158+19	STORM DRAIN PIPE, 54" X 28" (OUTFALL), LT.		SDP											28											4.4
CD2	149+91	CROSS DRAIN PIPE, 3-72" X 174'		CDP												522										393.1
CD3	150+10	CROSS DRAIN PIPE, 3-72" CMP X 40'		CDP													120									90.4
T10	149+90	STORM DRAIN PIPE, 72" X 175'		SDP									175													131.8
T20	158+70	STORM DRAIN PIPE, 54" X 202'		SDP								202														31.5
SUBTOTAL THIS SHEET					146	269	0	32	0	197	107	218	175	0	28	522	120	1	5	0	3	2	0	0	0	750.8
PROJECT TOTAL					1324	2696	427	145	308	511	107	218	323	46	28	522	120	11	36	2	13	15	1	1	1	1324.9

* SEE SEQUENCE SHEETS 52 & 53 FOR STRUCTURES T10 & T20

MATERIAL TYPE ABBREVIATIONS

- RCP — REINFORCED CONCRETE PIPE
- RCPA — REINFORCED CONCRETE PIPE ARCH
- SDP — STORM DRAIN PIPE
- SDPA — STORM DRAIN PIPE ARCH
- SD — SIDE DRAIN
- SDA — SIDE DRAIN ARCH
- SET — SAFETY END TREATMENT
- RPVCP — RIBBED POLY-VINYL CHLORIDE PIPE
- BCCSPA — BITUMINOUS COATED CORRUGATED STEEL PIPE ARCH
- CAPA — CORRUGATED ALUMINUM PIPE ARCH
- CSPA — CORRUGATED STEEL PIPE
- CMP — CORRUGATED METAL PIPE

NOTES:

1. ALL PIPE DIAMETERS ARE IN INCHES.
2. ALL PIPE LENGTHS ARE IN LINEAR FEET.
3. ALLOWABLE MATERIALS FOR STORM DRAIN AND CROSS DRAIN PIPES INCLUDE: RCP(A) & RPVCP. CD3 TO BE CMP. MINIMUM DESIGN SERVICE LIFE OF 70 YEARS.
4. ALLOWABLE MATERIALS FOR STORM DRAIN PIPE OUTFALLS INCLUDE: BCCSP(A), CAP(A), CSP(A), & RPVCP. MINIMUM DESIGN SERVICE LIFE OF 50 YEARS.
5. ALL CB GRATES SHALL BE TYPE C AND MH GRATES SHALL BE TYPE K1 AS DETAILED ON STANDARD PLAN MC-01 UNLESS OTHERWISE INDICATED.
6. REQUIRED GAGE FOR METAL PIPE ALTERNATE IS FROM SAM-01
7. FOR PIPES LARGER THAN 48", A MIN. OF 1' OF BEDDING MATERIAL IS REQUIRED.

STATE OF LOUISIANA
MARY FRANCES BRATTON
REG. No. 41444
REGISTERED
PROFESSIONAL ENGINEER
IN
CIVIL ENGINEERING

Mary Bratton
2/1/2023

NOTE:

COMPLETED PH ANALYSIS IN THIS AREA YIELDS PH RANGE FROM 7.37 TO 7.76.
COMPLETED RESISTIVITY ANALYSIS YIELDS RESISTIVITY RANGE FROM 1552 OHM-CM TO 2134 OHM-CM.

SHEET NUMBER 34

PARISH EAST BATON ROUGE
CONTROL SECTION 000-17
STATE PROJECT H.012232

DESIGNED MEN
CHECKED CWH
DETAILED TW
CHECKED MFB
SERIES NUMBER 5 OF 5

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

STATE OF LOUISIANA DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT

SUMMARY OF DRAINAGE STRUCTURES

LA 3064 TO LA 1248 PHASE II

POD

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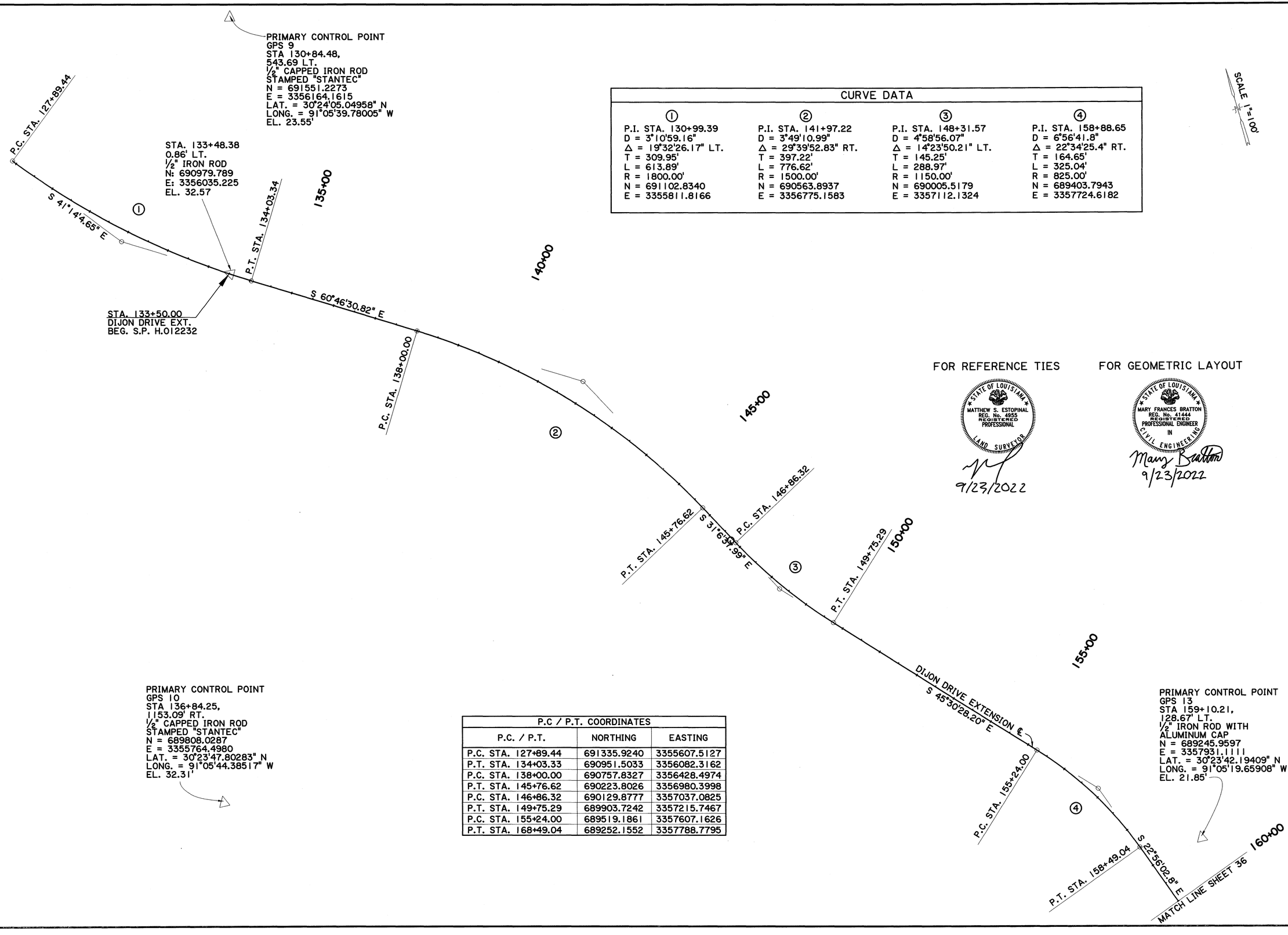

SCALE 1"=100'

CURVE DATA			
①	②	③	④
P.I. STA. 130+99.39	P.I. STA. 141+97.22	P.I. STA. 148+31.57	P.I. STA. 158+88.65
D = 3°10'59.16"	D = 3°49'10.99"	D = 4°58'56.07"	D = 6°56'41.8"
Δ = 19°32'26.17" LT.	Δ = 29°39'52.83" RT.	Δ = 14°23'50.21" LT.	Δ = 22°34'25.4" RT.
T = 309.95'	T = 397.22'	T = 145.25'	T = 164.65'
L = 613.89'	L = 776.62'	L = 288.97'	L = 325.04'
R = 1800.00'	R = 1500.00'	R = 1150.00'	R = 825.00'
N = 691102.8340	N = 690563.8937	N = 690005.5179	N = 689403.7943
E = 3355811.8166	E = 3356775.1583	E = 3357112.1324	E = 3357724.6182

P.C / P.T. COORDINATES		
P.C. / P.T.	NORTHING	EASTING
P.C. STA. 127+89.44	691335.9240	3355607.5127
P.T. STA. 134+03.33	690951.5033	3356082.3162
P.C. STA. 138+00.00	690757.8327	3356428.4974
P.T. STA. 145+76.62	690223.8026	3356980.3998
P.C. STA. 146+86.32	690129.8777	3357037.0825
P.T. STA. 149+75.29	689903.7242	3357215.7467
P.C. STA. 155+24.00	689519.1861	3357607.1626
P.T. STA. 168+49.04	689252.1552	3357788.7795

FOR REFERENCE TIES

STATE OF LOUISIANA
MATTHEW S. ESTOPINAL
REG. No. 4955
REGISTERED
PROFESSIONAL
LAND SURVEYOR
9/23/2022

FOR GEOMETRIC LAYOUT

STATE OF LOUISIANA
MARY FRANCES BRATTON
REG. No. 41444
REGISTERED
PROFESSIONAL ENGINEER
IN
CIVIL ENGINEERING
Mary Bratton
9/23/2022

SHEET NUMBER	35
PARISH	EAST BATON ROUGE
CONTROL SECTION	000-17
STATE PROJECT	H.012232
DESIGNED MSE / CHECKED GDH	
DETAILED TW / CHECKED MFB	
SERIES NUMBER	1 OF 2

NO.	REVISION OR CHANGE ORDER DESCRIPTION	DATE	BY

OVERALL GEOMETRIC LAYOUT

LA 3064 TO LA 1248 PHASE II

POTD

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P.C / P.T. COORDINATES		
P.C. / P.T.	NORTHING	EASTING
P.C. STA. 702+50.40	689315.8123	3358521.2436
P.T. STA. 703+61.33	689394.0240	3358442.6635
P.C. STA. 799+99.85	688427.0835	3357607.6838
P.T. STA. 802+14.77	688514.0312	3357803.4924
P.C. STA. 804+05.53	688566.8224	3357986.7989
P.T. STA. 808+87.10	688806.7203	3358398.7235
P.C. STA. 818+98.50	689513.9244	3359121.7671
P.T. STA. 824+30.65	689995.4719	3359307.0578
P.C. STA. 900+92.59	688920.9899	3358952.8029
P.T. STA. 902+12.64	688994.8961	3358858.2876

CURVE DATA

⑤
P.I. STA. 801+07.99
D = 7°19'49.23"
Δ = 15°45'16.10" RT.
T = 108.14'
L = 214.92'
R = 781.63'
N = 688484.1030
E = 3357699.5732

⑥
P.I. STA. 806+51.33
D = 5°52'35.36"
Δ = 28°17'57.81" LT.
T = 245.80'
L = 481.57'
R = 975.00'
N = 688634.8473
E = 3358223.0009

⑦
P.I. STA. 821+82.21
D = 9°14'28.52"
Δ = 49°10'38.60" LT.
T = 283.71'
L = 532.15'
R = 620.00'
N = 689712.3039
E = 3359324.59

⑧
P.I. STA. 703+05.92
D = 5°39'41.90"
Δ = 6°16'48.50" RT.
T = 55.52'
L = 110.92'
R = 1012.00'
N = 689352.7627
E = 3358479.8082

⑨
P.I. STA. 901+52.68
D = 5°43'46.48"
Δ = 6°52'42.59" RT.
T = 60.10'
L = 120.05'
R = 1000.00'
N = 688955.1029
E = 3358903.3244

SCALE 1"=100'

TBM C
BRASS DISK SET IN CONCRETE
N = 688321.7760
E = 3357378.8430
LAT. = 30°23'33.06" N
LONG. = 91°05'25.99" W
EL. 31.96'

PRIMARY CONTROL POINT
GPS 14
STA. 801+90.81
2.20' LT.
1/2" IRON ROD WITH
ALUMINUM CAP
N = 688513.0751
E = 3357779.6886
LAT. = 30°23'34.94" N
LONG. = 91°05'21.41" W
EL. 28.75'

MATCH LINE - SHEET 35

160+00

800+00

DIJON DRIVE EXTENSION ℄
S 22°56'02.8" E

805+00

P.C. STA. 804+05.53

P.T. STA. 799+99.85

⑤

P.T. STA. 802+14.77

N 73°56'02.04" E

STA. 807+75
BLUEBONNET BLVD. ℄
N = 688733.1111
E = 3358314.2596

⑥

165+00

STA. 168+00
DIJON DRIVE EXT.
END S.P. H.012232
N = 688376.3621
E = 3358159.3438

STA. 165+63.83
DIJON DRIVE EXT. =
STA. 804+90.49
BLUEBONNET BLVD
N = 688593.8608
E = 3358067.3161

P.T. STA. 808+87.10

810+00

700+00

PRIMARY CONTROL POINT
GPS 16
STA 811+80.34
1/2" IRON ROD WITH
ALUMINUM CAP
N = 689013.8046
E = 3358606.3624
LAT. = 30°23'39.88" N
LONG. = 91°05'11.95" W
EL. 30.35'

903+00

902+00

TBM B
STA. 807+89.52, 11.49' RT.
NORTH BOLT ON CATCH BASIN
N=688733.1101
E=3358332.8410
EL. 29.28'

901+00

900+00

705+00

I-10 EASTBOUND EXIT RAMP ℄

STA. 705+45.40
I-10 EASTBOUND EXIT RAMP ℄
N = 689530.8289
E = 3358319.5072

P.T. STA. 703+61.32

⑧

P.C. STA. 702+50.40

815+00

STA. 699+71.48
I-10 EASTBOUND EXIT RAMP ℄=
STA. 813+49.68
BLUEBONNET BLVD ℄
N = 689130.1706
E = 3358729.4183

P.C. STA. 818+98.50

820+00

N 45°38'04.22" E

BLUEBONNET BLVD. ℄

STA. 903+99.95
I-10 EASTBOUND
ENTRANCE RAMP ℄=
STA. 813+33.59
BLUEBONNET BLVD. ℄
N =689118.9226
E =3358717.9183

P.T. STA. 902+12.63

⑨

P.C. STA. 900+92.58

I-10 EASTBOUND ENTRANCE RAMP ℄

STA. 900+00.00
I-10 EASTBOUND ENTRANCE RAMP ℄
N = 688868.4360
E = 3359029.0286

PRIMARY CONTROL POINT
GPS 17
STA 822+07.85,
0.57' LT.
1/2" IRON ROD WITH
ALUMINUM CAP
N = 689775.5693
E = 3359280.4544
LAT. = 30°23'47.41" N
LONG. = 91°05'04.24" W
EL. 31.87'

825+00

P.T. STA. 824+30.65

⑦

N 3°32'34.38" W

STA. 825+30.00
BLUEBONNET BLVD.
N = 690135.2005
E = 3359359.2098

STATE OF LOUISIANA
DEBORAH C. SHEETS
REG. No. 23087
REGISTERED
PROFESSIONAL ENGINEER
IN
CIVIL ENGINEERING
Deborah C Sheets
9/23/2022

SHEET NUMBER 36

PARISH	CONTROL SECTION	STATE PROJECT
EAST BATON ROUGE	000-17, 258-33, 450-10	H.012232

DESIGNED / CHECKED	DETAILED / CHECKED	SERIES NUMBER
MFB / GDH	TW / MFB	2 OF 2

NO.	DATE	REVISION OR CHANGE ORDER DESCRIPTION	BY

OVERALL GEOMETRIC LAYOUT

LA 3064 TO LA 1248 PHASE II

DOTD

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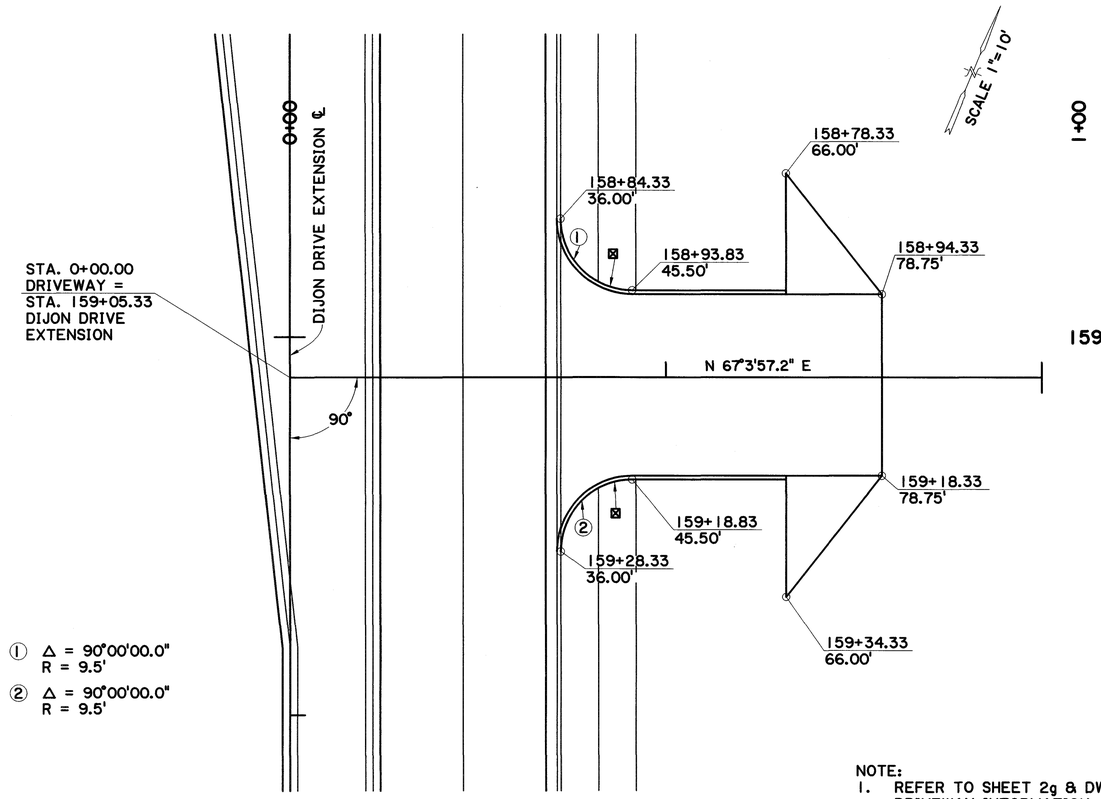
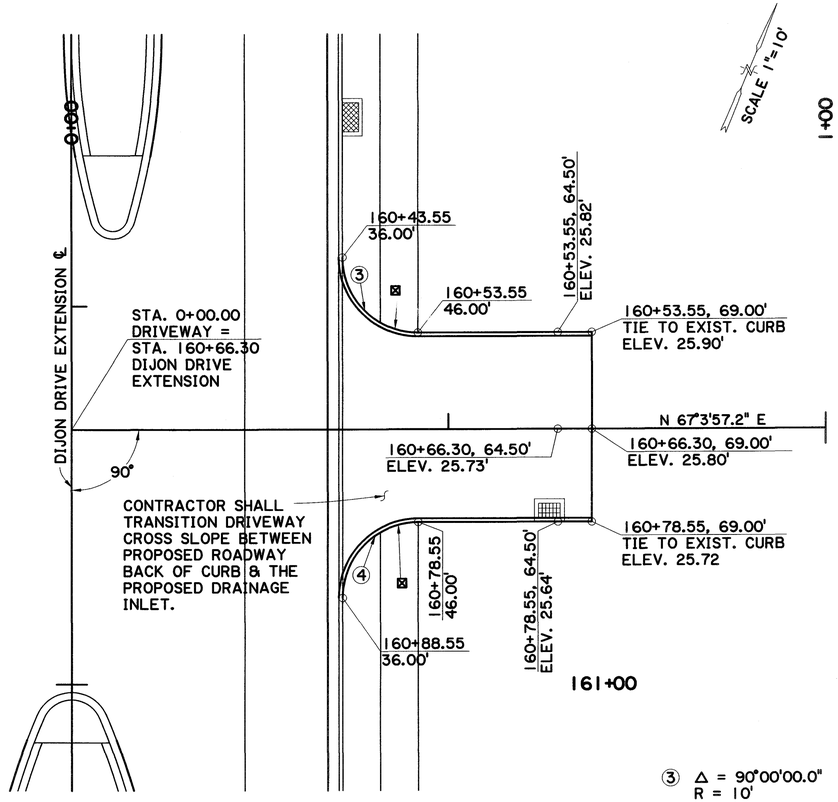
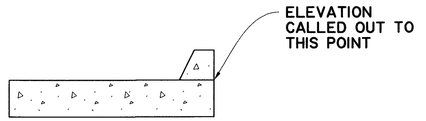


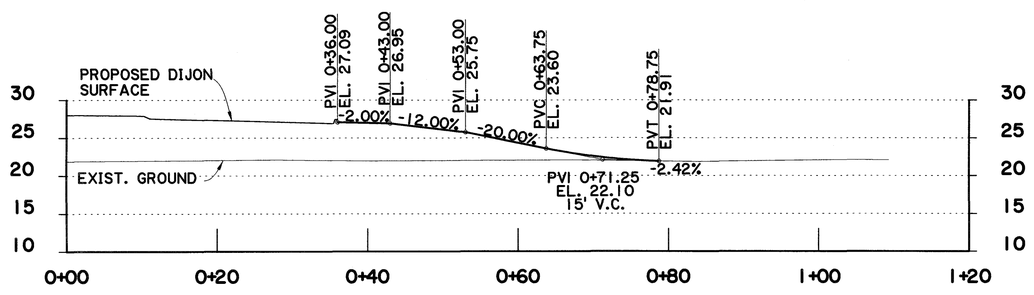
NOTE:
1. REFER TO SHEET 2g & DW-01 FOR ADDITIONAL DRIVEWAY INFORMATION

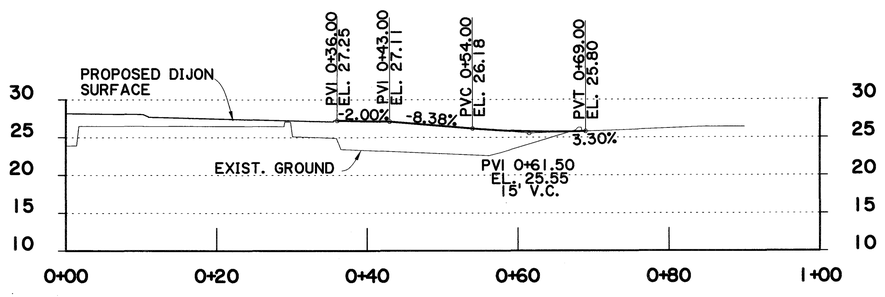


⊠ CURB HEIGHT TO BE FLUSH W/ SIDEWALK

STATE OF LOUISIANA
MARY FRANCES BRATTON
REG. No. 41444
REGISTERED
PROFESSIONAL ENGINEER
IN
CIVIL ENGINEERING
Mary Bratton
9/23/2022







SHEET NUMBER 37

PARISH	CONTROL SECTION	STATE PROJECT
EAST BATON ROUGE	000-17	H.012232

DESIGNED	CHECKED	DETAILED	CHECKED	SERIES NUMBER
MFB	GDH	TW	MFB	1 OF 2

NO.	DATE	REVISION OR CHANGE ORDER DESCRIPTION	BY

GEOMETRIC DETAILS
(DRIVEWAYS)

LA 3064 TO LA 1248 PHASE II

DOTD

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① Δ = 90°00'00.0"
R = 10'

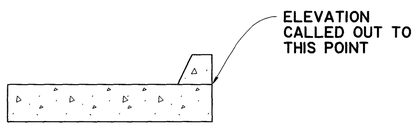
② Δ = 75°21'11.1"
R = 10'

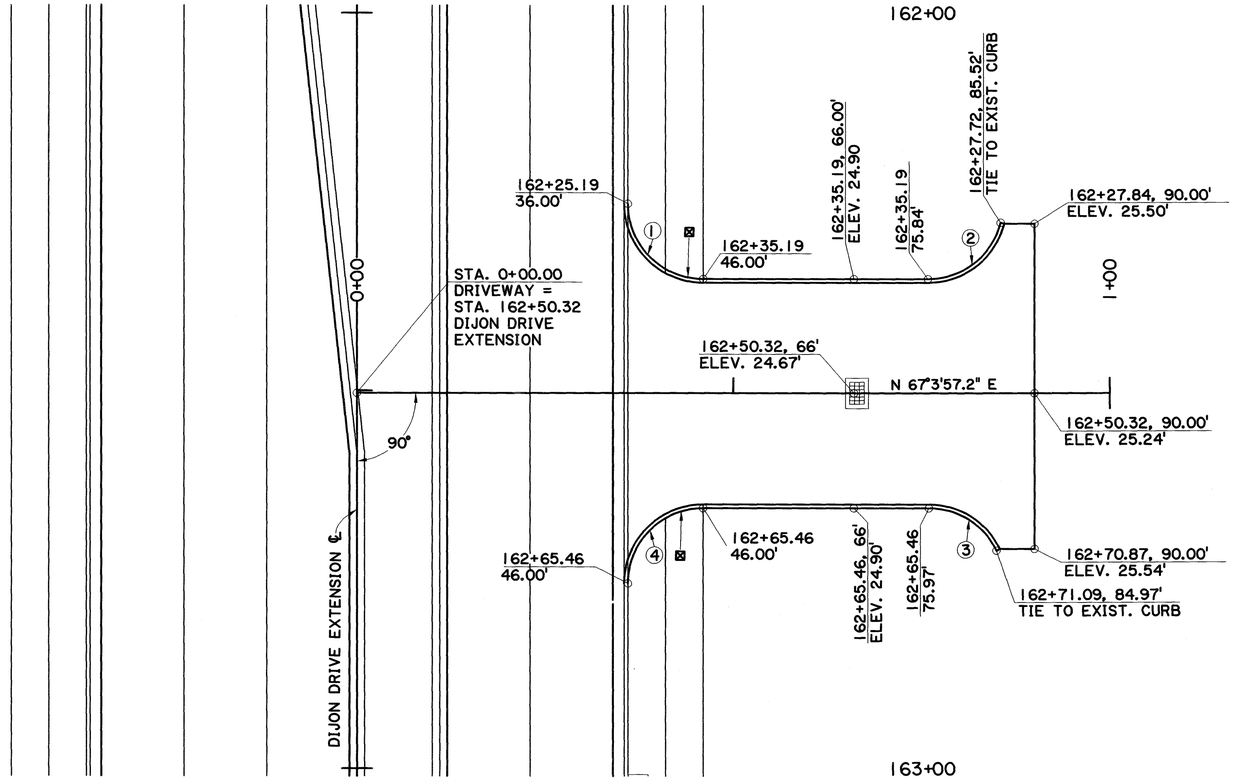
③ Δ = 64°03'32.2"
R = 10'

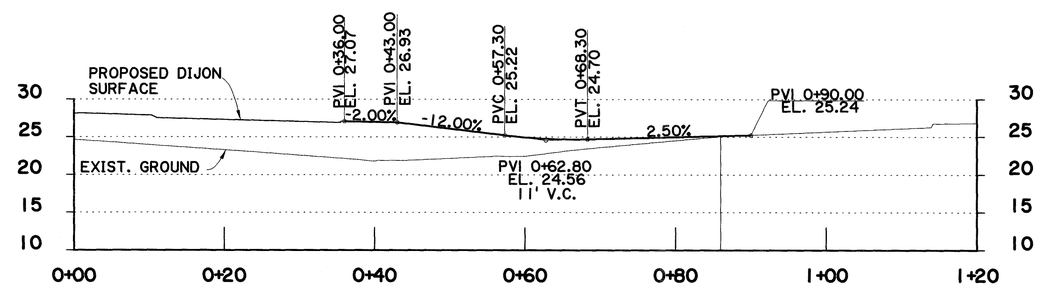
④ Δ = 90°00'00.0"
R = 10'

⊠ CURB HEIGHT TO BE FLUSH W/ SIDEWALK

NOTE:
1. CONTRACTOR SHALL TRANSITION DRIVEWAY CROSS SLOPE BETWEEN PROPOSED ROADWAY BACK OF CURB & THE PROPOSED DRAINAGE INLET.
2. REFER TO SHEET DW-01 FOR ADDITIONAL DRIVEWAY INFORMATION







SCALE 1"=10'

SHEET NUMBER	38
PARISH	EAST BATON ROUGE
CONTROL SECTION	000-17
STATE PROJECT	H.012232
DESIGNED	MFB
CHECKED	GDH
DETAILED	TW
CHECKED	MFB
SERIES NUMBER	2 OF 2

NO.	DATE	REVISION OR CHANGE ORDER DESCRIPTION	BY

STATE OF LOUISIANA
MARY FRANCES BRATTON
REG. No. 41444
REGISTERED
PROFESSIONAL ENGINEER
IN
CIVIL ENGINEERING

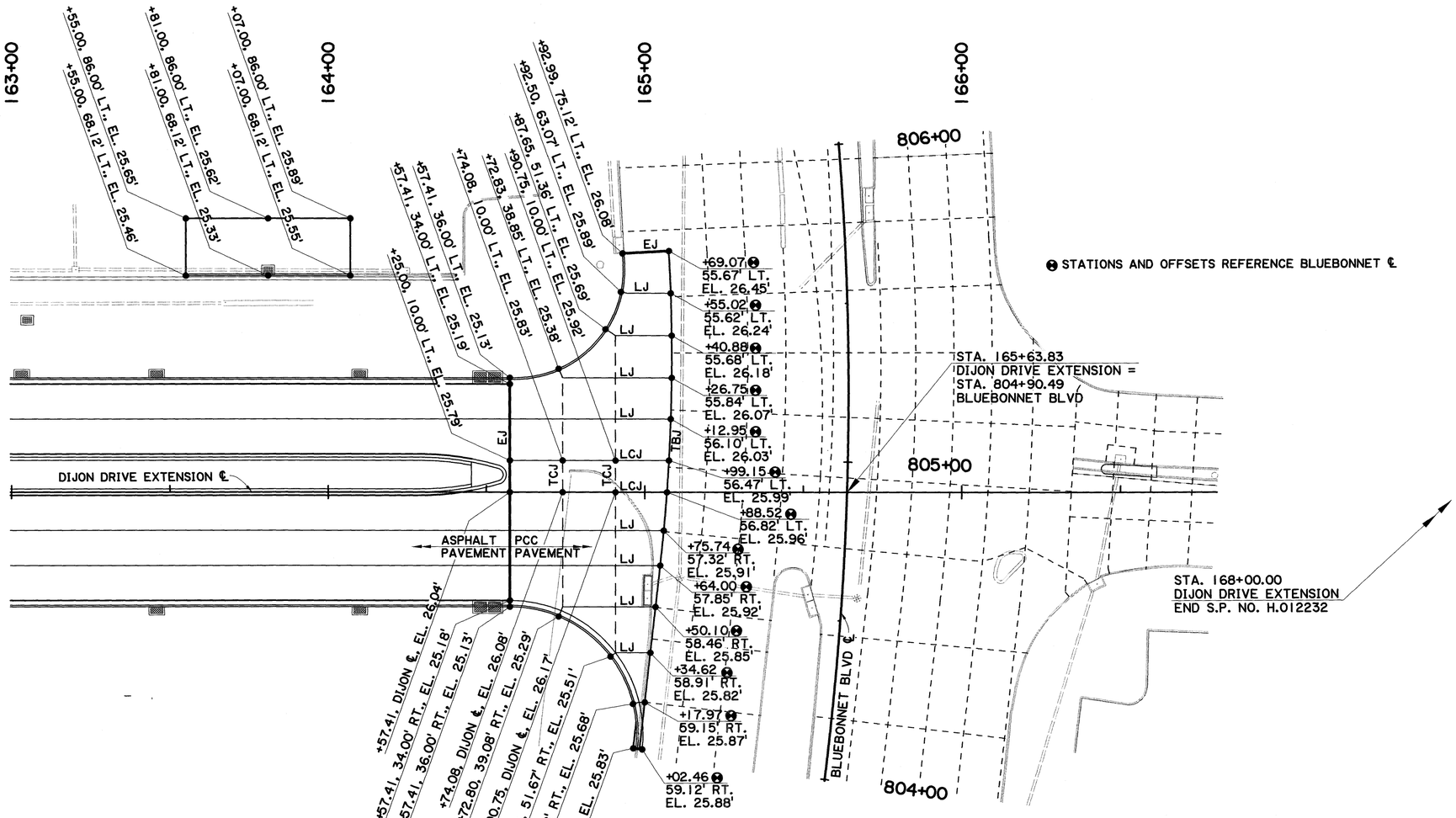
Mary Bratton
9/23/2022

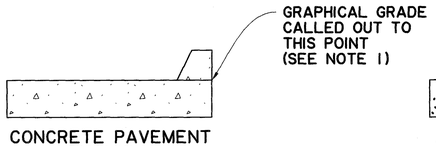
GEOMETRIC DETAILS
(DRIVEWAY)

LA 3064 TO LA 1248 PHASE II

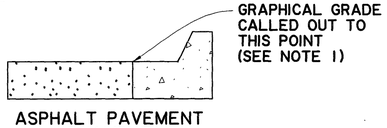
DOTD

Stantec





CONCRETE PAVEMENT EXAMPLE



ASPHALT PAVEMENT EXAMPLE

NOTES:

1. ELEVATIONS ARE SHOWN AT THE GUTTERLINE ALONG ASPHALT PAVEMENT AND TO THE TOP OF SLAB (EXCLUDING CURB) ALONG CONCRETE PAVEMENT.
2. ALL STATIONS AND OFFSETS REFERENCE THE DIJON ℄ UNLESS OTHERWISE NOTED.
3. EXISTING JOINT LOCATIONS ALONG BLUEBONNET BLVD. ARE APPROXIMATE ONLY. CONTRACTOR TO VERIFY EXISTING JOINT LOCATIONS TO COINCIDE WITH REQUIRED LONGITUDINAL JOINTS ALONG DIJON EXTENSION.
4. SEE OVERALL GEOMETRIC SHEETS AND PLAN PROFILE SHEETS FOR ADDITIONAL HORIZONTAL LAYOUT INFORMATION.

LEGEND:

- EJ - TRANSVERSE EXPANSION JOINT
- LCJ - LONGITUDINAL CONSTRUCTION JOINT
- LJ - LONGITUDINAL JOINT
- DJ, CJ - TRANSVERSE CONSTRUCTION JOINT
- TBJ - TRANSVERSE BUTT JOINT
- EXISTING JOINT

STATE OF LOUISIANA
MARY FRANCES BRATTON
REG. No. 41444
REGISTERED
PROFESSIONAL ENGINEER
IN
CIVIL ENGINEERING

Mary Bratton
9/23/2022

SHEET NUMBER	39
PARISH	EAST BATON ROUGE
CONTROL SECTION	000-17
STATE PROJECT	H.012232
DESIGNED HPK CHECKED MFB	DETAILED HPK CHECKED MFB
SERIES NUMBER	1 OF 1

NO.	DATE	REVISION OR CHANGE ORDER DESCRIPTION	BY

STATE OF LOUISIANA DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT

GRAPHICAL GRADES & JOINT LAYOUT

LA 3064 TO LA 1248 PHASE II

DOTD

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GENERAL SIGNING NOTES:

SEE ROADSIDE SIGNING STANDARD PLAN SHEETS 1-10 FOR ROADSIDE MOUNTING DETAILS.

SEE OVERHEAD TRAFFIC SIGN SPECIAL DETAILS SHEETS 1-4 & 15-16 FOR OVERHEAD MOUNTING DETAILS.

ALL EXISTING GUIDE SIGNS AND/OR STRUCTURES MUST REMAIN UNTIL THE PROPOSED NEW SIGN AND/OR STRUCTURE IS COMPLETELY INSTALLED AT THE PROPOSED LOCATION, EXCEPT THE LOCATIONS WHERE THE ROADWAY IS BEING REMOVED.

FOR ALL OVERHEAD SIGNS: THE DATE OF FABRICATION, SIZE AND SHEETING MANUFACTURER CODE SHALL BE LOCATED AT THE LOWER LEFT CORNER ON THE BACK OF THE SIGN. SEE OVERHEAD SIGN DETAILS.

FIELD MEASUREMENTS FOR ALL SIGN LOCATIONS SHALL BE REQUIRED BY THE CONTRACTOR TO DETERMINE THE MOUNTING POST LENGTH AS DETAILED ON THE TRAFFIC SIGNS - ROADSIDE MOUNTED SUPPORTS - MISC. DETAILS SHEET.

PRIOR TO SIGN FABRICATION, THE CONTRACTOR SHALL PROVIDE SIGN SHOP DRAWINGS TO THE PROJECT ENGINEER FOR DOTD TRAFFIC ENGINEERING, SECTION 27 AND TRAFFIC SERVICES, SECTION 45 REVIEW AND APPROVAL. ONCE APPROVAL IS PROVIDED BY DOTD TRAFFIC ENGINEERING SECTION 27 AND TRAFFIC SERVICES SECTION 45 SIGNS MAY BE FABRICATED.

ALL OVERHEAD SIGNS SHALL BE LOCATED OVER THE APPLICABLE LANE OR LANES AT THE DIRECTION OF THE PROJECT ENGINEER.

FOR STANDARD SIGN DETAILS, REFER TO THE "STANDARD HIGHWAY SIGNS" MANUAL, 2004 EDITION & 2012 SUPPLEMENT BY THE GOVERNMENT PRINTING OFFICE (GPO). SUPERINTENDENT OF DOCUMENTS, P.O. BOX 371954, PITTSBURG, PA 15250-7954.

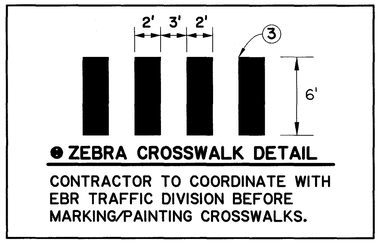
FOR 2 1/2" AND 3 1/2" SINGLE POST SIGN SUPPORTS, THE BREAKAWAY SHALL BE MULTIDIRECTIONAL.

REFER TO PLAN PROFILE SHEETS FOR ADDITIONAL GEOMETRIC INFO.

NOTE:
DEAD END ROAD INSTALLATION NEAR 133+50 TO BE REMOVED AND PAID FOR UNDER PAY ITEM 202-02-00010 (REMOVAL OF DEAD END ROAD INSTALLATION). DEAD END AHEAD SIGN ALONG DIJON NEAR MANCUSO TO BE REMOVED UNDER PAY ITEM 202-02-38200 (REMOVAL OF SIGNS).

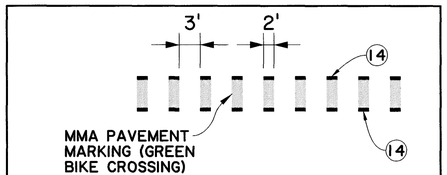
SIGNING LEGEND

- A REQUIRED NEW SIGN AND BREAKAWAY POST
- B REQUIRED NEW SIGN (MOUNT AS INDICATED)
- C INTENTIONALLY LEFT BLANK
- D REQUIRED NEW SIGN. MOUNT TO EXIST POST

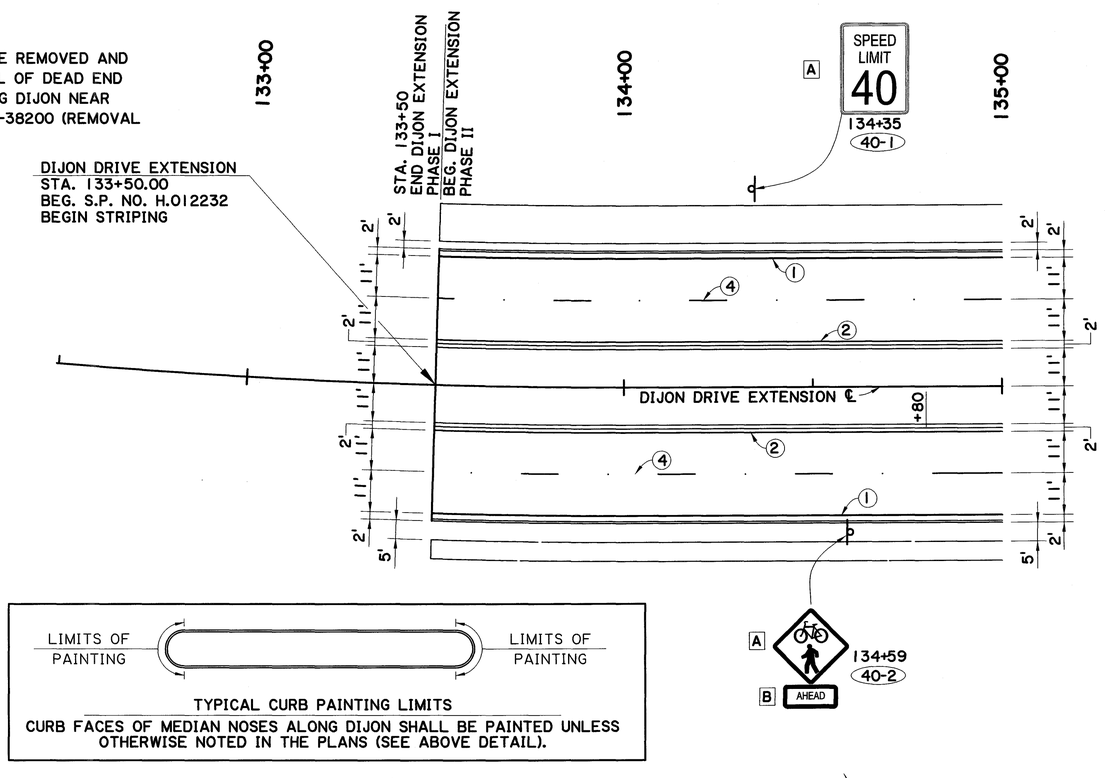


● ZEBRA CROSSWALK DETAIL

CONTRACTOR TO COORDINATE WITH EBR TRAFFIC DIVISION BEFORE MARKING/PAINTING CROSSWALKS.

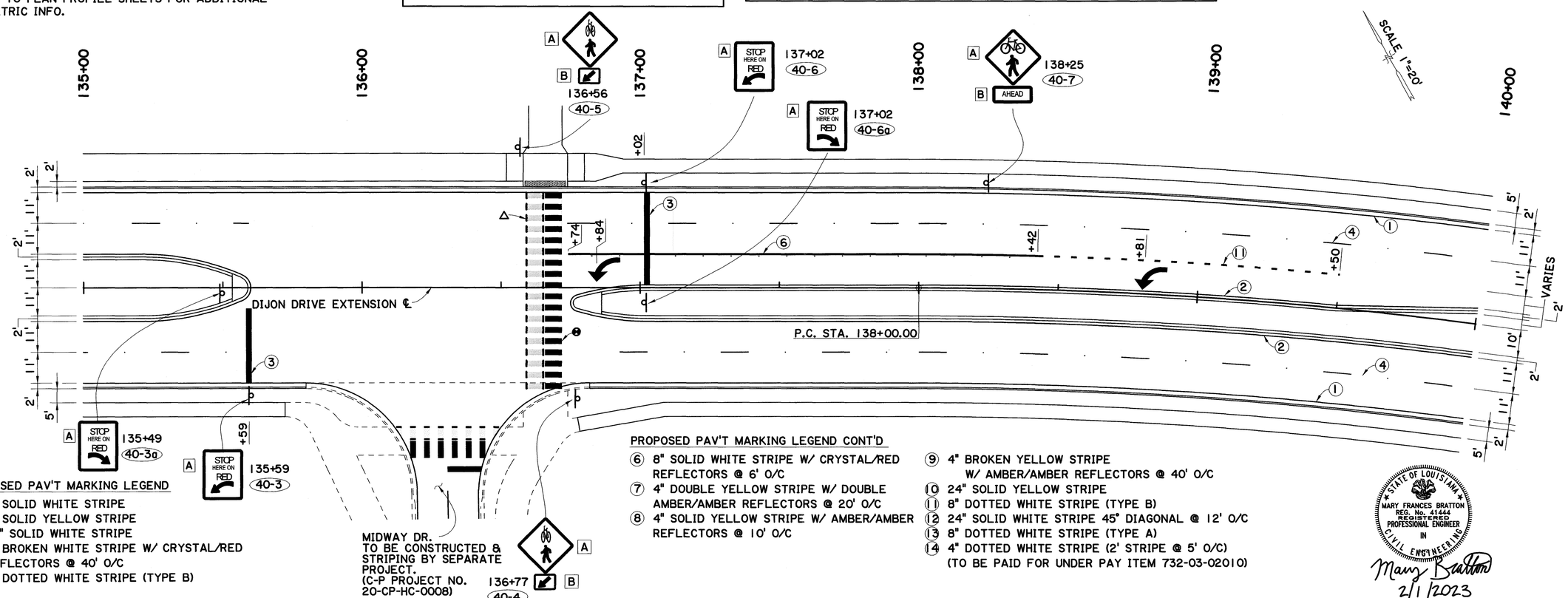


△ BIKE CROSSWALK DETAIL



TYPICAL CURB PAINTING LIMITS

CURB FACES OF MEDIAN NOSES ALONG DIJON SHALL BE PAINTED UNLESS OTHERWISE NOTED IN THE PLANS (SEE ABOVE DETAIL).



PROPOSED PAV'T MARKING LEGEND

1. 4" SOLID WHITE STRIPE
2. 4" SOLID YELLOW STRIPE
3. 24" SOLID WHITE STRIPE
4. 4" BROKEN WHITE STRIPE W/ CRYSTAL/RED REFLECTORS @ 40' O/C
5. 4" DOTTED WHITE STRIPE (TYPE B)

PROPOSED PAV'T MARKING LEGEND CONT'D

6. 8" SOLID WHITE STRIPE W/ CRYSTAL/RED REFLECTORS @ 6' O/C
7. 4" DOUBLE YELLOW STRIPE W/ DOUBLE AMBER/AMBER REFLECTORS @ 20' O/C
8. 4" SOLID YELLOW STRIPE W/ AMBER/AMBER REFLECTORS @ 10' O/C
9. 4" BROKEN YELLOW STRIPE W/ AMBER/AMBER REFLECTORS @ 40' O/C
10. 24" SOLID YELLOW STRIPE
11. 8" DOTTED WHITE STRIPE (TYPE B)
12. 24" SOLID WHITE STRIPE 45° DIAGONAL @ 12' O/C
13. 8" DOTTED WHITE STRIPE (TYPE A)
14. 4" DOTTED WHITE STRIPE (2' STRIPE @ 5' O/C) (TO BE PAID FOR UNDER PAY ITEM 732-03-02010)

STATE OF LOUISIANA
MARY FRANCES BRATTON
REG. No. 41444
REGISTERED PROFESSIONAL ENGINEER
IN
CIVIL ENGINEERING

Mary Bratton
2/1/2023

SHEET NUMBER	40
PARISH	EAST BATON ROUGE
CONTROL SECTION	000-17
STATE PROJECT	H.012232
DESIGNED MFB / CHECKED CMH	
DETAILED TW / CHECKED MFB	
SERIES NUMBER	1 OF 10

STRIPING & SIGNING LAYOUT

LA 3064 TO LA 1248 PHASE II

Stantec

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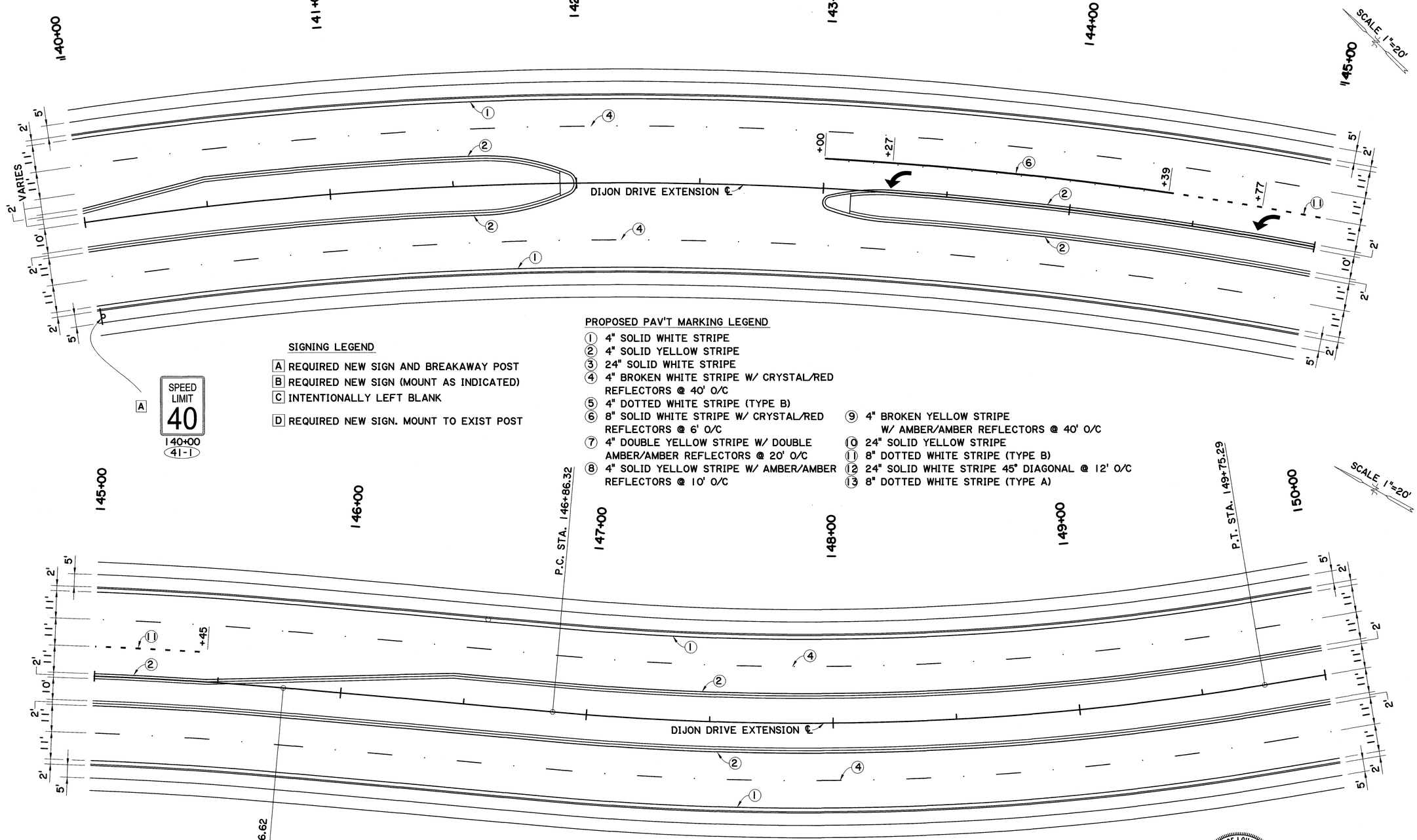


SIGNING LEGEND

- A REQUIRED NEW SIGN AND BREAKAWAY POST
- B REQUIRED NEW SIGN (MOUNT AS INDICATED)
- C INTENTIONALLY LEFT BLANK
- D REQUIRED NEW SIGN. MOUNT TO EXIST POST

PROPOSED PAV'T MARKING LEGEND

1. 4" SOLID WHITE STRIPE
2. 4" SOLID YELLOW STRIPE
3. 24" SOLID WHITE STRIPE
4. 4" BROKEN WHITE STRIPE W/ CRYSTAL/RED REFLECTORS @ 40' O/C
5. 4" DOTTED WHITE STRIPE (TYPE B)
6. 8" SOLID WHITE STRIPE W/ CRYSTAL/RED REFLECTORS @ 6' O/C
7. 4" DOUBLE YELLOW STRIPE W/ DOUBLE AMBER/AMBER REFLECTORS @ 20' O/C
8. 4" SOLID YELLOW STRIPE W/ AMBER/AMBER REFLECTORS @ 10' O/C
9. 4" BROKEN YELLOW STRIPE W/ AMBER/AMBER REFLECTORS @ 40' O/C
10. 24" SOLID YELLOW STRIPE
11. 8" DOTTED WHITE STRIPE (TYPE B)
12. 24" SOLID WHITE STRIPE 45° DIAGONAL @ 12' O/C
13. 8" DOTTED WHITE STRIPE (TYPE A)

STATE OF LOUISIANA
MARY FRANCES BRATTON
REG. No. 41444
REGISTERED PROFESSIONAL ENGINEER
IN
CIVIL ENGINEERING
Mary Bratton
9/23/2022

SHEET NUMBER	41
PARISH	EAST BATON ROUGE
CONTROL SECTION	000-17
STATE PROJECT	H.012232
DESIGNED	MFB
CHECKED	CMH
DETAILED	TW
CHECKED	MFB
SERIES NUMBER	2 OF 10

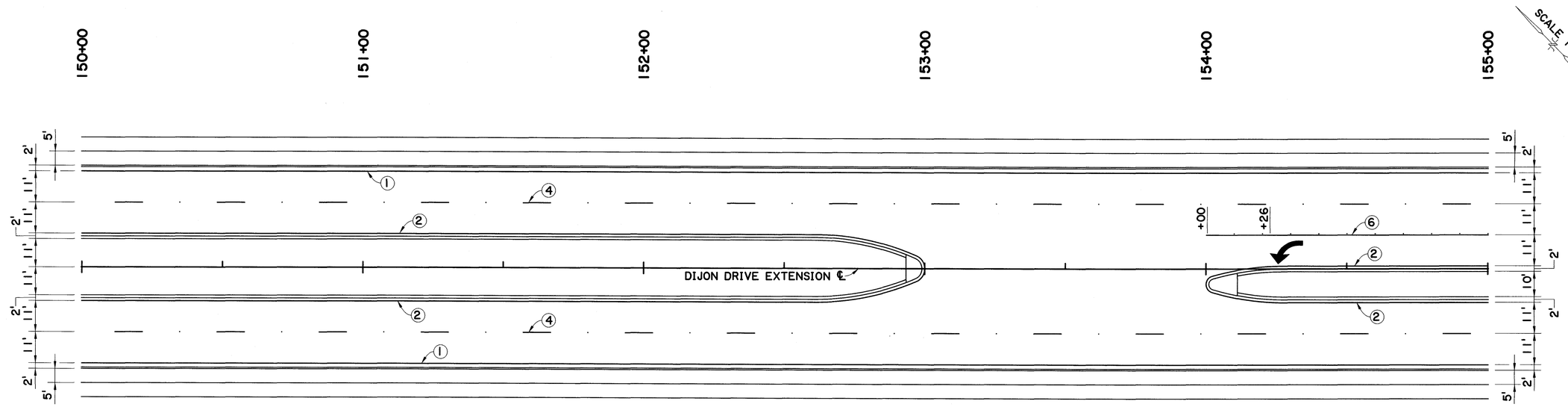
NO.	DATE	REVISION OR CHANGE ORDER DESCRIPTION	BY

STRIPING & SIGNING LAYOUT

LA 3064 TO LA 1248 PHASE II

DOTD

Stantec



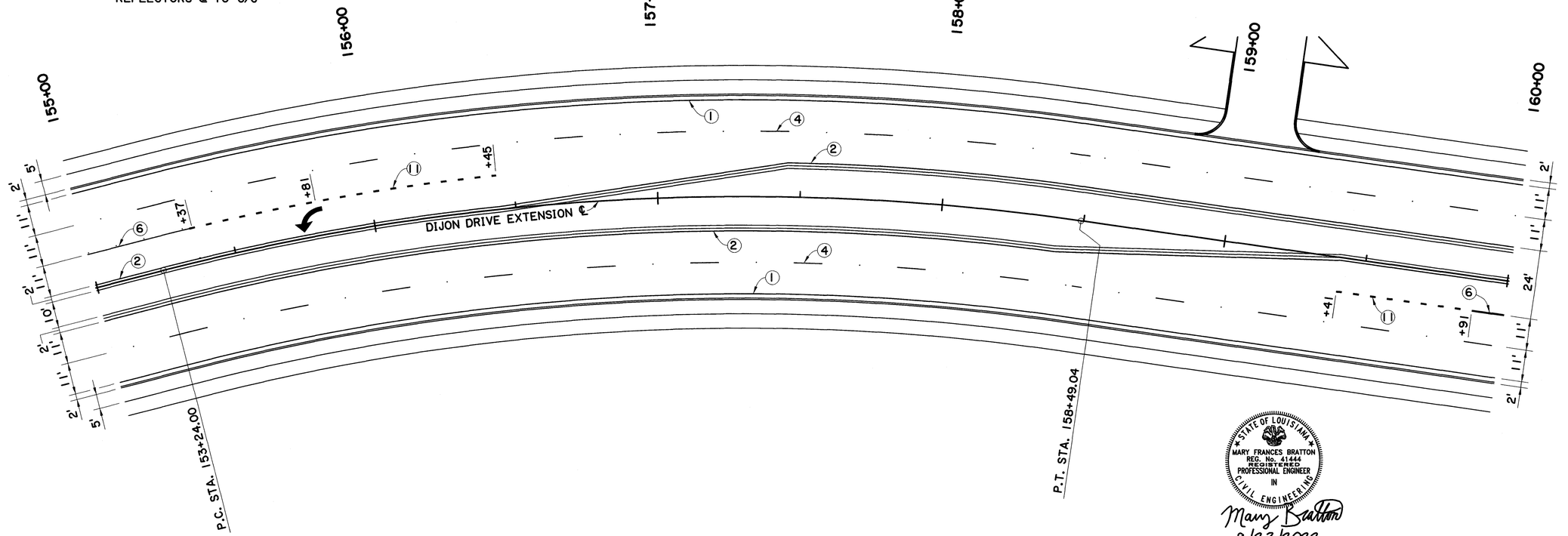
PROPOSED PAV'T MARKING LEGEND

1. 4" SOLID WHITE STRIPE
2. 4" SOLID YELLOW STRIPE
3. 24" SOLID WHITE STRIPE
4. 4" BROKEN WHITE STRIPE W/ CRYSTAL/RED REFLECTORS @ 40' O/C
5. 4" DOTTED WHITE STRIPE (TYPE B)
6. 8" SOLID WHITE STRIPE W/ CRYSTAL/RED REFLECTORS @ 6' O/C
7. 4" DOUBLE YELLOW STRIPE W/ DOUBLE AMBER/AMBER REFLECTORS @ 20' O/C
8. 4" SOLID YELLOW STRIPE W/ AMBER/AMBER REFLECTORS @ 10' O/C
9. 4" BROKEN YELLOW STRIPE W/ AMBER/AMBER REFLECTORS @ 40' O/C
10. 24" SOLID YELLOW STRIPE
11. 8" DOTTED WHITE STRIPE (TYPE B)
12. 24" SOLID WHITE STRIPE 45° DIAGONAL @ 12' O/C
13. 8" DOTTED WHITE STRIPE (TYPE A)

SIGNING LEGEND

- A REQUIRED NEW SIGN AND BREAKAWAY POST
- B REQUIRED NEW SIGN (MOUNT AS INDICATED)
- C INTENTIONALLY LEFT BLANK
- D REQUIRED NEW SIGN. MOUNT TO EXIST POST

SCALE 1"=20'



STATE OF LOUISIANA
MARY FRANCES BRATTON
REG. No. 41444
REGISTERED
PROFESSIONAL ENGINEER
IN
CIVIL ENGINEERING

Mary Bratton
9/23/2022

SHEET NUMBER	42
PARISH	EAST BATON ROUGE
CONTROL SECTION	000-17
STATE PROJECT	H.012232
DESIGNED / CHECKED	MFB / CMH
DETAILED / CHECKED	TW / MFB
SERIES NUMBER	3 OF 10

NO.	DATE	REVISION OR CHANGE ORDER DESCRIPTION	BY

STATE OF LOUISIANA DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT

DOTD Stantec

STRIPING & SIGNING LAYOUT

LA 3064 TO LA 1248 PHASE II

SCALE 1"=20'

160+00 161+00 162+00 163+00 164+00

A SPEED LIMIT 40
163+50
43-2

DIJON DRIVE EXTENSION ℄

+07 +41 +58 +70 +58

A RIGHT LANE MUST TURN RIGHT
161+61
43-1

806+00 805+00 804+00

164+00 165+00 166+00 167+00 168+00

805+69.01
TIE TO EXIST. STRIPING

BLUEBONNET BLVD. ℄

STA. 165+63.83
DIJON DRIVE EXTENSION =
STA. 804+90.49
BLUEBONNET BLVD

D ONLY ONLY
166+73
43-3
166+73
43-4

A
167+35
43-5

165+86
45.8'

166+13
39.6'

166+11
21.6'

R=58'

+35 +56 166+54
19.6'

+67

DIJON DRIVE EXTENSION
STA. 168+00
END S.P. NO. H.012232

DIJON DRIVE EXTENSION ℄

165+40
6.2'

R=50'

166+08
22.9'

166+21
22.9'

REMOVE EXIST. STOP BAR

REMOVE EXIST. YIELD PAV'T MARKINGS

R=40'

166+04
51.2'

165+54
53.5'

804+02.46
TIE TO EXIST. STRIPING

YIELD
EXIST. SIGN TO BE REMOVED

+20 +58

ONLY

SIGNING LEGEND

- A REQUIRED NEW SIGN AND BREAKAWAY POST
- B REQUIRED NEW SIGN (MOUNT AS INDICATED)
- C INTENTIONALLY LEFT BLANK
- D REQUIRED NEW SIGN. MOUNT TO EXIST POST

PROPOSED PAV'T MARKING LEGEND

1. 4" SOLID WHITE STRIPE
2. 4" SOLID YELLOW STRIPE
3. 24" SOLID WHITE STRIPE
4. 4" BROKEN WHITE STRIPE W/ CRYSTAL/RED REFLECTORS @ 40' O/C
5. 4" DOTTED WHITE STRIPE (TYPE B)
6. 8" SOLID WHITE STRIPE W/ CRYSTAL/RED REFLECTORS @ 6' O/C
7. 4" DOUBLE YELLOW STRIPE W/ DOUBLE AMBER/AMBER REFLECTORS @ 20' O/C
8. 4" SOLID YELLOW STRIPE W/ AMBER/AMBER REFLECTORS @ 10' O/C
9. 4" BROKEN YELLOW STRIPE W/ AMBER/AMBER REFLECTORS @ 40' O/C
10. 24" SOLID YELLOW STRIPE
11. 8" DOTTED WHITE STRIPE (TYPE B)
12. 24" SOLID WHITE STRIPE 45° DIAGONAL @ 12' O/C
13. 8" DOTTED WHITE STRIPE (TYPE A)

STRIPING NOTE:

1. ALL EXISTING STRIPING IN CONFLICT WITH PROPOSED SHALL BE REMOVED UNDER PAY ITEM NO. 732-05-00100.

STATE OF LOUISIANA
MARY FRANCES BRATTON
REG. No. 41444
REGISTERED PROFESSIONAL ENGINEER
IN CIVIL ENGINEERING
Mary Bratton
9/23/2022

SHEET NUMBER	43
PARISH: EAST BATON ROUGE	CONTROL SECTION: 000-17	STATE PROJECT: H.012232
DESIGNED MFB CHECKED CMH	DETAILED TW CHECKED MFB	SERIES NUMBER 4 OF 10

NO.	DATE	REVISION OR CHANGE ORDER DESCRIPTION	BY

STRIPING & SIGNING LAYOUT

LA 3064 TO LA 1248 PHASE II

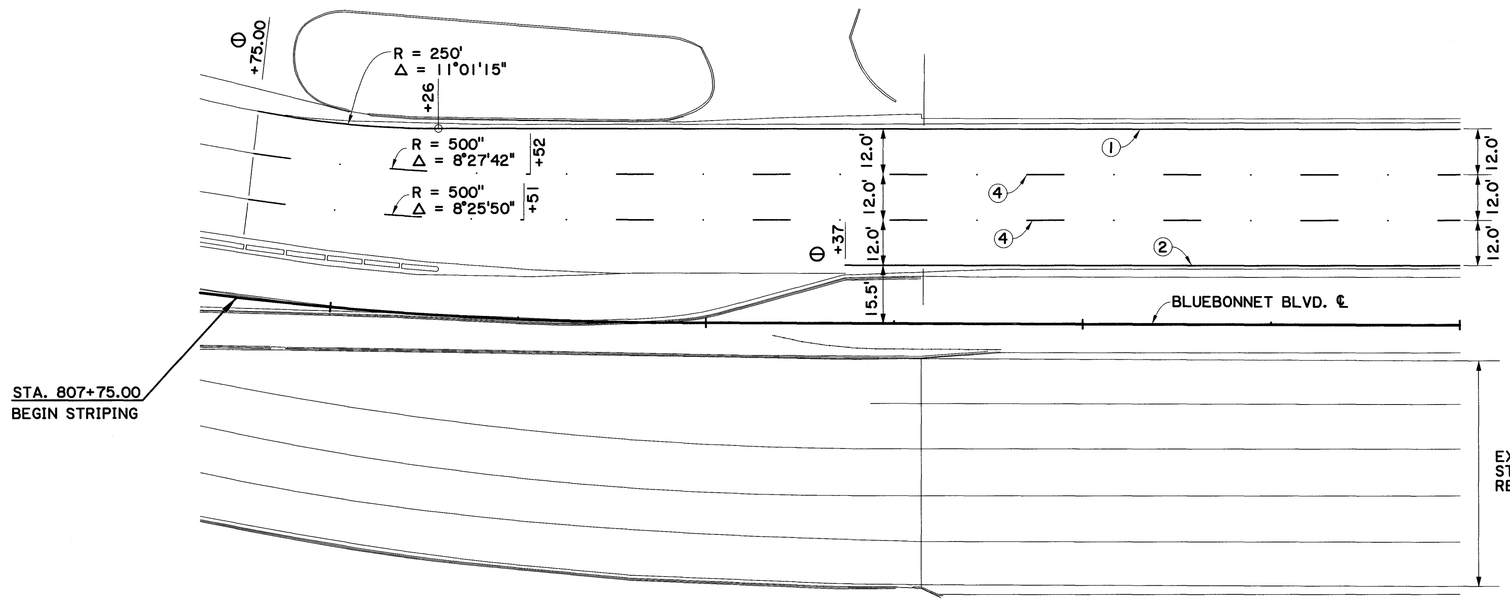
DOTD

Stantec

SCALE 1"=20'

808+00 809+00 810+00 811+00

⊖ TIE INTO EXISTING STRIPING



STRIPING NOTES:

1. REFER TO PLAN & PROFILE SHEETS FOR ADDITIONAL GEOMETRIC INFORMATION ON LANE STRIPING.
2. ALL EXISTING STRIPING IN CONFLICT WITH PROPOSED SHALL BE REMOVED UNDER PAY ITEM NO. 732-05-00100.

SIGNING NOTES:

1. ALL EXISTING SIGNAGE, SIGNS ASSEMBLIES, AND CONCRETE PADS IN CONFLICT WITH PROPOSED IMPROVEMENTS SHALL BE REMOVED UNDER PAY ITEM 202-02-38200

SIGNING LEGEND

- [A] REQUIRED NEW SIGN AND BREAKAWAY POST
- [B] REQUIRED NEW SIGN (MOUNT AS INDICATED)
- [C] RELOCATE EXISTING SIGN AS SHOWN
- [D] REMOVE EXISTING SIGN

PROPOSED PAV'T MARKING LEGEND

- (1) 4" SOLID WHITE STRIPE
- (2) 4" SOLID YELLOW STRIPE
- (3) 24" SOLID WHITE STRIPE
- (4) 4" BROKEN WHITE STRIPE W/ CRYSTAL/RED REFLECTORS @ 40' O/C
- (5) 4" DOTTED WHITE STRIPE (TYPE B)
- (6) 8" SOLID WHITE STRIPE W/ CRYSTAL/RED REFLECTORS @ 6' O/C
- (7) 4" DOUBLE YELLOW STRIPE W/ AMBER/AMBER REFLECTORS @ 20' O/C
- (8) 4" SOLID YELLOW STRIPE W/ AMBER/AMBER REFLECTORS @ 10' O/C
- (9) 4" BROKEN YELLOW STRIPE W/ AMBER/AMBER REFLECTORS @ 40' O/C
- (10) 24" SOLID YELLOW STRIPE
- (11) 8" DOTTED WHITE STRIPE (TYPE B)
- (12) 24" SOLID WHITE STRIPE 45° DIAGONAL @12'O/C
- (13) 8" DOTTED WHITE STRIPE (TYPE A)

STATE OF LOUISIANA
DEBORAH C. SHEETS
REG. No. 23087
REGISTERED PROFESSIONAL ENGINEER
IN
CIVIL ENGINEERING
Deborah C Sheets 9/23/2022

SHEET NUMBER	44
PARISH	EAST BATON ROUGE
CONTROL SECTION	258-33
STATE PROJECT	H.012232
DESIGNED / CHECKED	DP / CMH
DETAILED / CHECKED	DS / DP
SERIES NUMBER	5 OF 10

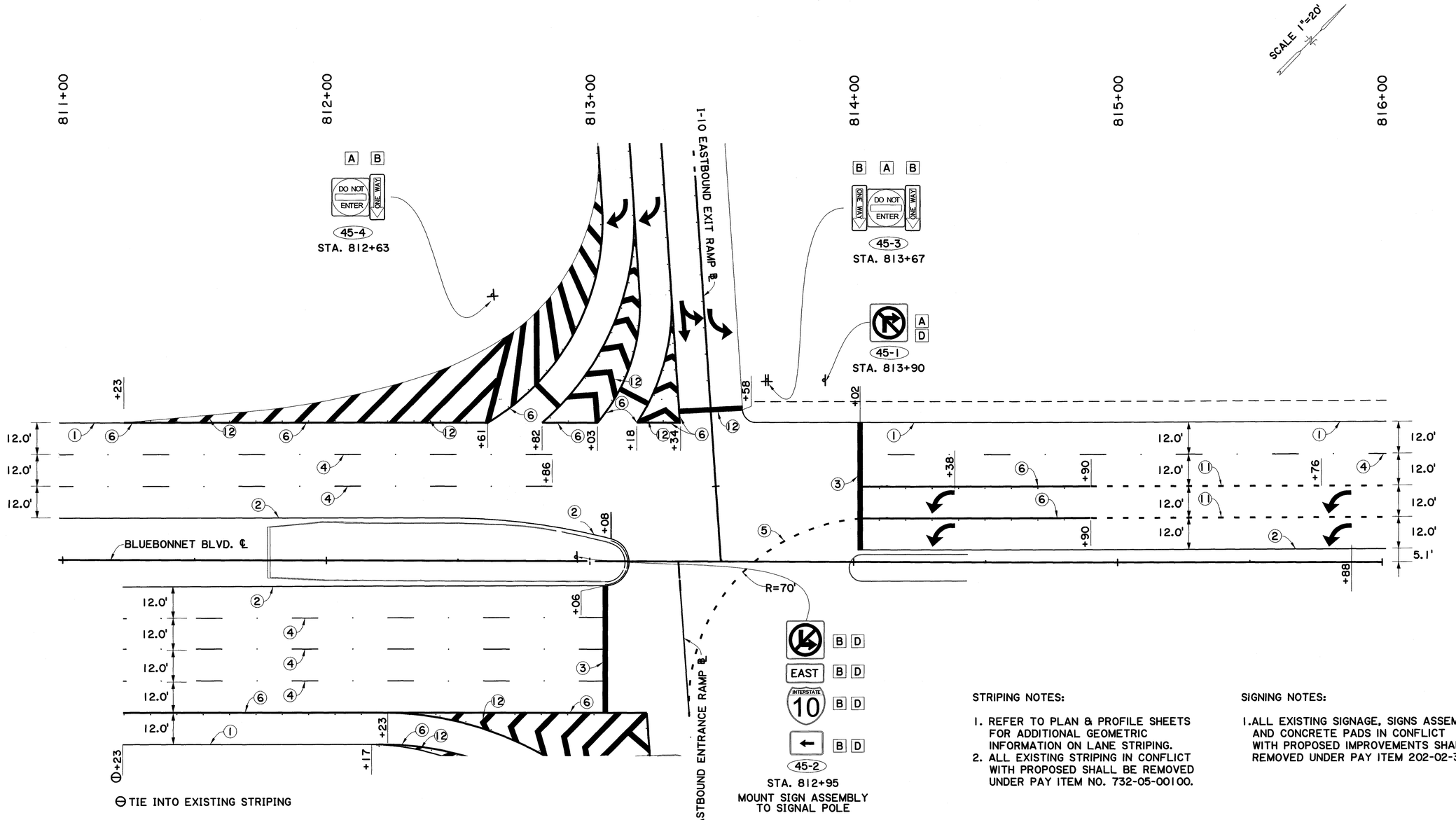
NO. | DATE | REVISION OR CHANGE ORDER DESCRIPTION | BY

STATE OF LOUISIANA DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT

STRIPING AND SIGNING LAYOUT

LA 3064 TO LA 1248 PHASE II

DOTD Stantec



SIGNING LEGEND

- A REQUIRED NEW SIGN AND BREAKAWAY POST
- B REQUIRED NEW SIGN (MOUNT AS INDICATED)
- C RELOCATE EXISTING SIGN AS SHOWN
- D REMOVE EXISTING SIGN

PROPOSED PAV'T MARKING LEGEND

1. 4" SOLID WHITE STRIPE
2. 4" SOLID YELLOW STRIPE
3. 24" SOLID WHITE STRIPE
4. 4" BROKEN WHITE STRIPE W/ CRYSTAL/RED REFLECTORS @ 40' O/C
5. 4" DOTTED WHITE STRIPE (TYPE B)
6. 8" SOLID WHITE STRIPE W/ CRYSTAL/RED REFLECTORS @ 6' O/C
7. 4" DOUBLE YELLOW STRIPE W/ AMBER/AMBER REFLECTORS @ 20' O/C
8. 4" SOLID YELLOW STRIPE W/ AMBER/AMBER REFLECTORS @ 10' O/C
9. 4" BROKEN YELLOW STRIPE W/ AMBER/AMBER REFLECTORS @ 40' O/C
10. 24" SOLID YELLOW STRIPE
11. 8" DOTTED WHITE STRIPE (TYPE B)
12. 24" SOLID WHITE STRIPE 45° DIAGONAL @12' O/C
13. 8" DOTTED WHITE STRIPE (TYPE A)

STRIPING NOTES:

1. REFER TO PLAN & PROFILE SHEETS FOR ADDITIONAL GEOMETRIC INFORMATION ON LANE STRIPING.
2. ALL EXISTING STRIPING IN CONFLICT WITH PROPOSED SHALL BE REMOVED UNDER PAY ITEM NO. 732-05-00100.

SIGNING NOTES:

1. ALL EXISTING SIGNAGE, SIGNS ASSEMBLIES, AND CONCRETE PADS IN CONFLICT WITH PROPOSED IMPROVEMENTS SHALL BE REMOVED UNDER PAY ITEM 202-02-38200

STATE OF LOUISIANA
DEBORAH C. SHEETS
REG. No. 23087
REGISTERED PROFESSIONAL ENGINEER
IN
CIVIL ENGINEERING
9/23/2022

SHEET NUMBER	45
PARISH	EAST BATON ROUGE
CONTROL SECTION	258-33
STATE PROJECT	H.012232
DESIGNED / CHECKED	DP / CMH
DETAILED / CHECKED	DS / DP
SERIES NUMBER	6 OF 10

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

STRIPING AND SIGNING LAYOUT

LA 3064 TO LA 1248 PHASE II

Stantec

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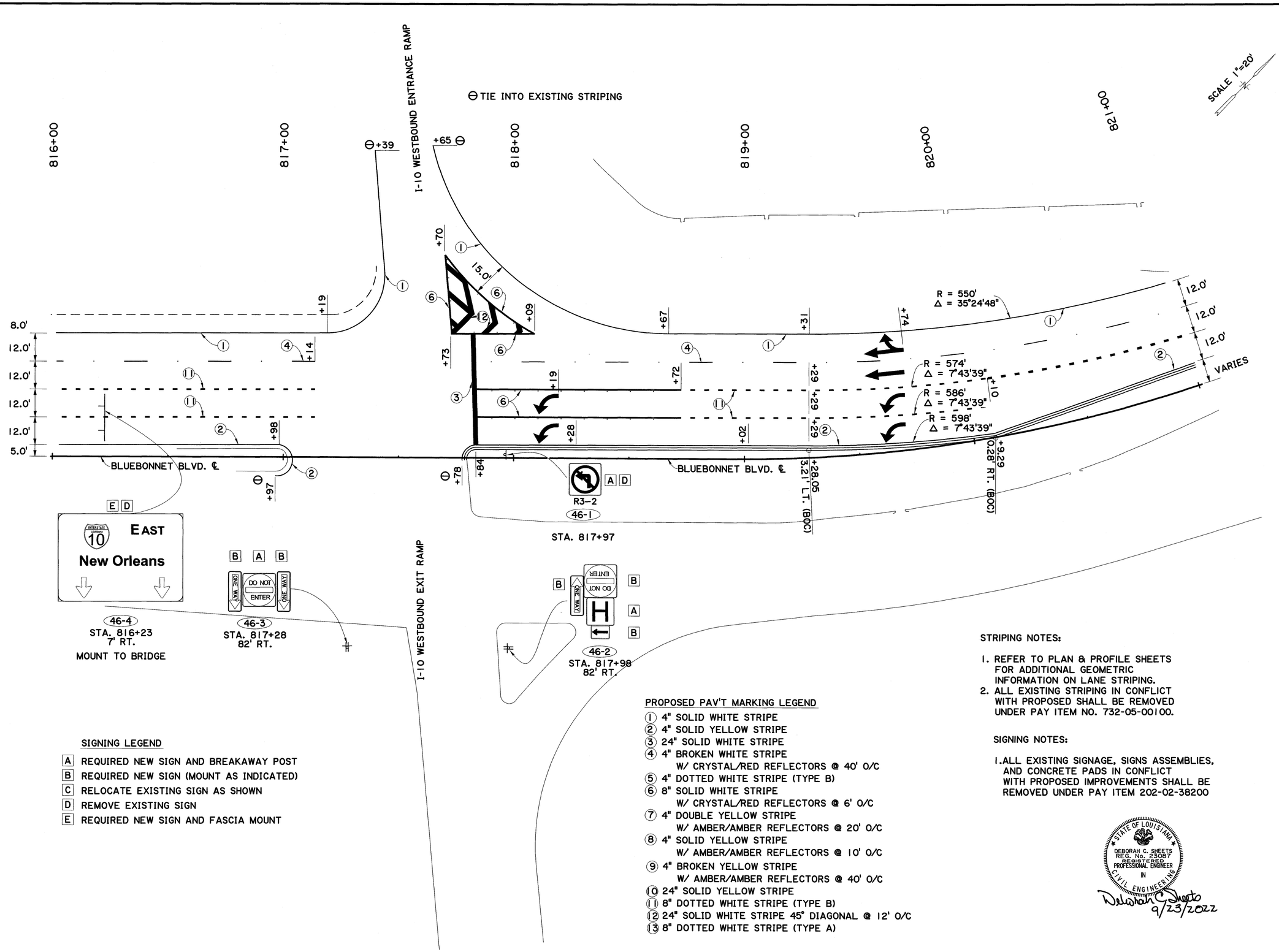


SIGNING LEGEND

- A REQUIRED NEW SIGN AND BREAKAWAY POST
- B REQUIRED NEW SIGN (MOUNT AS INDICATED)
- C RELOCATE EXISTING SIGN AS SHOWN
- D REMOVE EXISTING SIGN
- E REQUIRED NEW SIGN AND FASCIA MOUNT

PROPOSED PAV'T MARKING LEGEND

1. 4" SOLID WHITE STRIPE
2. 4" SOLID YELLOW STRIPE
3. 24" SOLID WHITE STRIPE
4. 4" BROKEN WHITE STRIPE W/ CRYSTAL/RED REFLECTORS @ 40' O/C
5. 4" DOTTED WHITE STRIPE (TYPE B)
6. 8" SOLID WHITE STRIPE W/ CRYSTAL/RED REFLECTORS @ 6' O/C
7. 4" DOUBLE YELLOW STRIPE W/ AMBER/AMBER REFLECTORS @ 20' O/C
8. 4" SOLID YELLOW STRIPE W/ AMBER/AMBER REFLECTORS @ 10' O/C
9. 4" BROKEN YELLOW STRIPE W/ AMBER/AMBER REFLECTORS @ 40' O/C
10. 24" SOLID YELLOW STRIPE
11. 8" DOTTED WHITE STRIPE (TYPE B)
12. 24" SOLID WHITE STRIPE 45° DIAGONAL @ 12' O/C
13. 8" DOTTED WHITE STRIPE (TYPE A)

STRIPING NOTES:

1. REFER TO PLAN & PROFILE SHEETS FOR ADDITIONAL GEOMETRIC INFORMATION ON LANE STRIPING.
2. ALL EXISTING STRIPING IN CONFLICT WITH PROPOSED SHALL BE REMOVED UNDER PAY ITEM NO. 732-05-00100.

SIGNING NOTES:

1. ALL EXISTING SIGNAGE, SIGNS ASSEMBLIES, AND CONCRETE PADS IN CONFLICT WITH PROPOSED IMPROVEMENTS SHALL BE REMOVED UNDER PAY ITEM 202-02-38200

STATE OF LOUISIANA
DEBORAH C. SHEETS
REG. No. 23087
REGISTERED PROFESSIONAL ENGINEER
IN
CIVIL ENGINEERING
Deborah C Sheets 9/23/2022

SHEET NUMBER	46
PARISH	EAST BATON ROUGE
CONTROL SECTION	258-33
STATE PROJECT	H.012232
DESIGNED / CHECKED	DP / CMH
DETAILED / CHECKED	DS / DP
SERIES NUMBER	7 OF 10

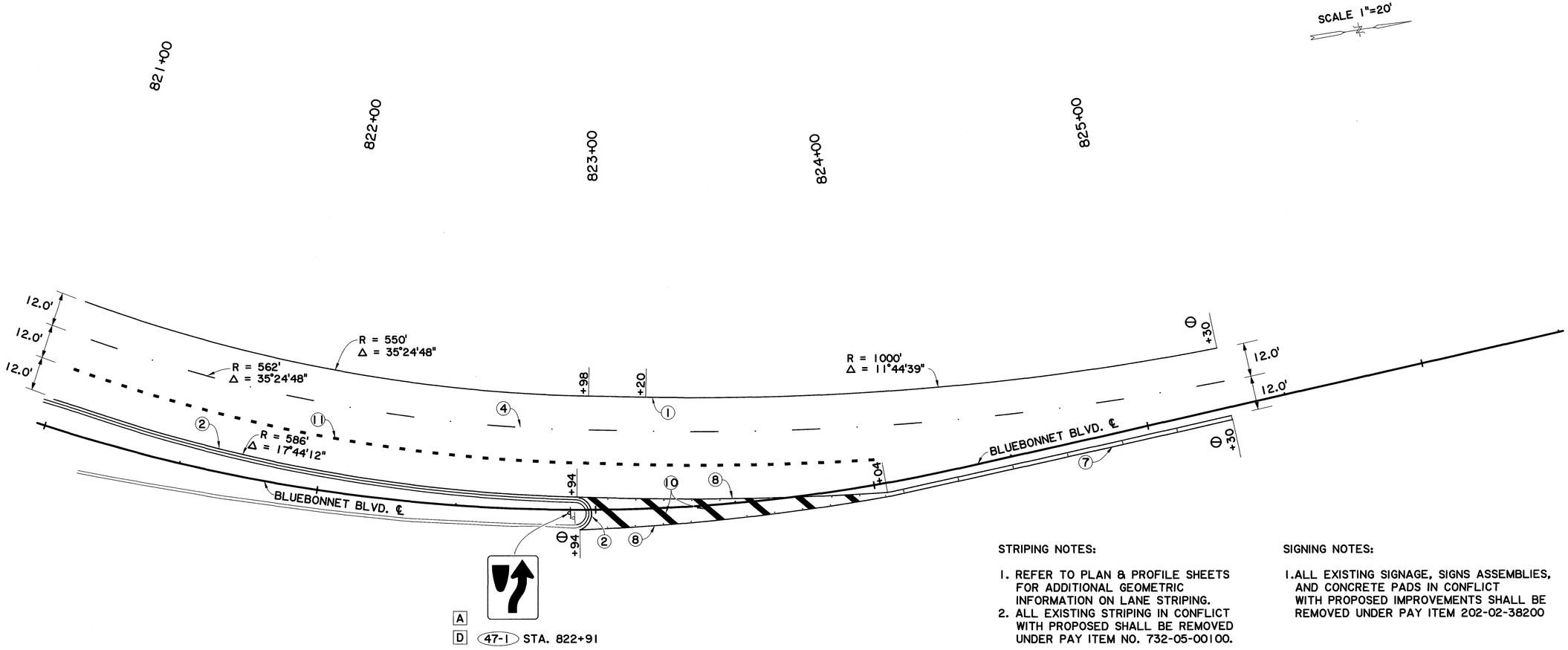
NO.	DATE	REVISION OR CHANGE ORDER DESCRIPTION	BY

STRIPING AND SIGNING LAYOUT

LA 3064 TO LA 1248 PHASE II

DOTD

Stantec



STRIPING NOTES:

1. REFER TO PLAN & PROFILE SHEETS FOR ADDITIONAL GEOMETRIC INFORMATION ON LANE STRIPING.
2. ALL EXISTING STRIPING IN CONFLICT WITH PROPOSED SHALL BE REMOVED UNDER PAY ITEM NO. 732-05-00100.

SIGNING NOTES:

1. ALL EXISTING SIGNAGE, SIGNS ASSEMBLIES, AND CONCRETE PADS IN CONFLICT WITH PROPOSED IMPROVEMENTS SHALL BE REMOVED UNDER PAY ITEM 202-02-38200

⊖ TIE INTO EXISTING STRIPING

SIGNING LEGEND

- A REQUIRED NEW SIGN AND BREAKAWAY POST
- B REQUIRED NEW SIGN (MOUNT AS INDICATED)
- C RELOCATE EXISTING SIGN AS SHOWN
- D REMOVE EXISTING SIGN

PROPOSED PAV'T MARKING LEGEND

1. 4" SOLID WHITE STRIPE
2. 4" SOLID YELLOW STRIPE
3. 24" SOLID WHITE STRIPE
4. 4" BROKEN WHITE STRIPE W/ CRYSTAL/RED REFLECTORS @ 40' O/C
5. 4" DOTTED WHITE STRIPE (TYPE B)
6. 8" SOLID WHITE STRIPE W/ CRYSTAL/RED REFLECTORS @ 6' O/C
7. 4" DOUBLE YELLOW STRIPE W/ DOUBLE AMBER/AMBER REFLECTORS @ 20' O/C
8. 4" SOLID YELLOW STRIPE W/ AMBER/AMBER REFLECTORS @ 10' O/C
9. 4" BROKEN YELLOW STRIPE W/ AMBER/AMBER REFLECTORS @ 40' O/C
10. 24" SOLID YELLOW STRIPE
11. 8" DOTTED WHITE STRIPE (TYPE B)
12. 24" SOLID WHITE STRIPE 45° DIAGONAL @ 12' O/C
13. 8" DOTTED WHITE STRIPE (TYPE A)

STATE OF LOUISIANA
DEBORAH C. SHEETS
REG. No. 23087
REGISTERED
PROFESSIONAL ENGINEER
IN
CIVIL ENGINEERING
Deborah C Sheets
9/23/2022

SHEET NUMBER	47
PARISH	EAST BATON ROUGE
CONTROL SECTION	258-33
STATE PROJECT	H.012232
DESIGNED / CHECKED	DP / CMH
DETAILED / CHECKED	DS / DP
SERIES NUMBER	8 OF 10

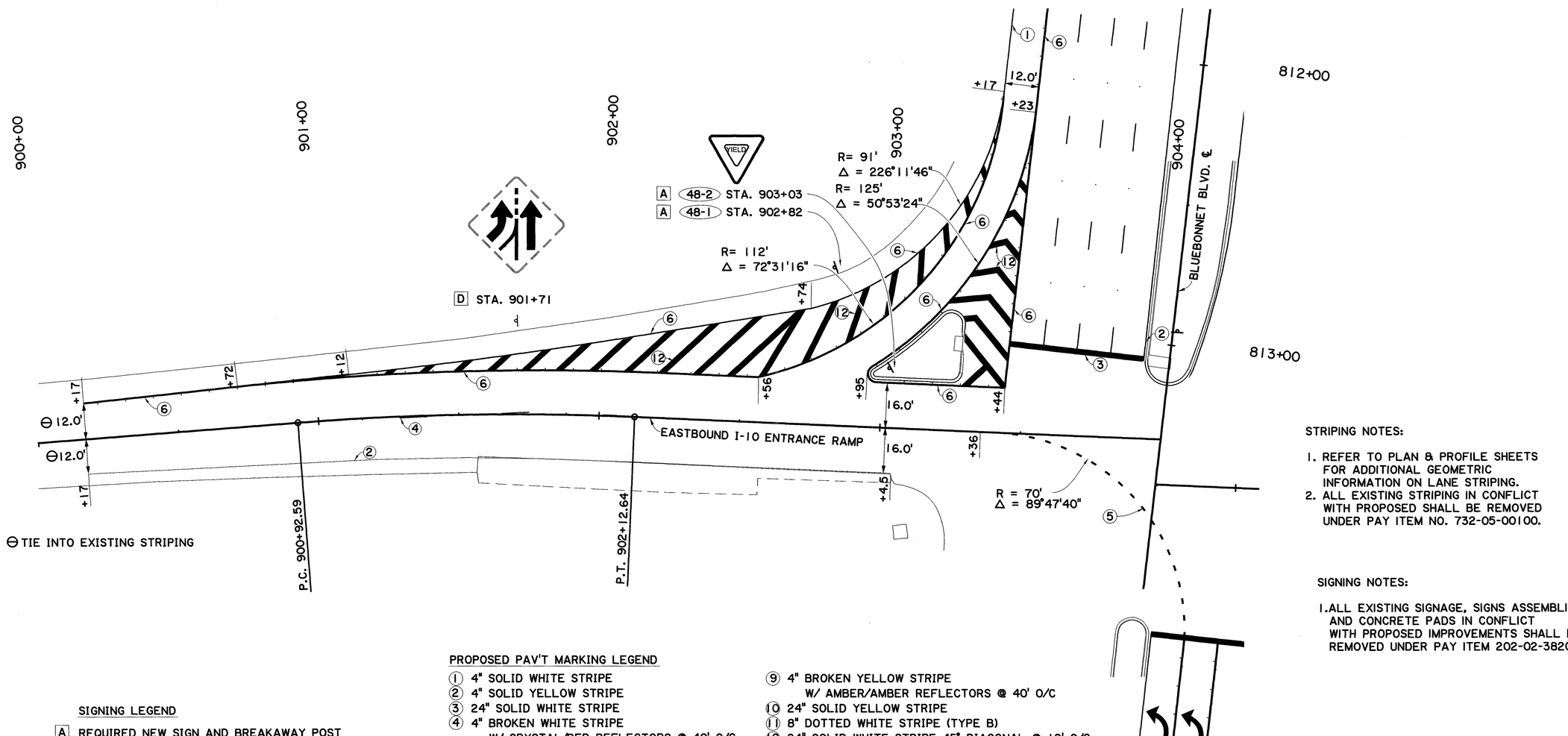
NO.	DATE	REVISION OR CHANGE ORDER DESCRIPTION	BY

STRIPING AND SIGNING LAYOUT

LA 3064 TO LA 1248 PHASE II

DOTD

Stantec



STRIPING NOTES:

1. REFER TO PLAN & PROFILE SHEETS FOR ADDITIONAL GEOMETRIC INFORMATION ON LANE STRIPING.
2. ALL EXISTING STRIPING IN CONFLICT WITH PROPOSED SHALL BE REMOVED UNDER PAY ITEM NO. 732-05-00100.

SIGNING NOTES:

1. ALL EXISTING SIGNAGE, SIGNS ASSEMBLIES, AND CONCRETE PADS IN CONFLICT WITH PROPOSED IMPROVEMENTS SHALL BE REMOVED UNDER PAY ITEM 202-02-38200

SIGNING LEGEND

- A REQUIRED NEW SIGN AND BREAKAWAY POST
- B REQUIRED NEW SIGN (MOUNT AS INDICATED)
- C RELOCATE EXISTING SIGN AS SHOWN
- D REMOVE EXISTING SIGN

PROPOSED PAV'T MARKING LEGEND

1. 4" SOLID WHITE STRIPE
2. 4" SOLID YELLOW STRIPE
3. 24" SOLID WHITE STRIPE
4. 4" BROKEN WHITE STRIPE W/ CRYSTAL/RED REFLECTORS @ 40' O/C
5. 4" DOTTED WHITE STRIPE (TYPE B)
6. 8" SOLID WHITE STRIPE W/ CRYSTAL/RED REFLECTORS @ 6' O/C
7. 4" DOUBLE YELLOW STRIPE W/ AMBER/AMBER REFLECTORS @ 20' O/C
8. 4" SOLID YELLOW STRIPE W/ AMBER/AMBER REFLECTORS @ 10' O/C
9. 4" BROKEN YELLOW STRIPE W/ AMBER/AMBER REFLECTORS @ 40' O/C
10. 24" SOLID YELLOW STRIPE
11. 8" DOTTED WHITE STRIPE (TYPE B)
12. 24" SOLID WHITE STRIPE 45° DIAGONAL @ 12' O/C
13. 8" DOTTED WHITE STRIPE (TYPE A)

STATE OF LOUISIANA
DEBORAH C. SHEETS
REG. No. 23087
REGISTERED
PROFESSIONAL ENGINEER
IN
CIVIL ENGINEERING
Deborah C. Sheets
9/23/2022

SHEET NUMBER	48
PARISH	EAST BATON ROUGE
CONTROL SECTION	450-10
STATE PROJECT	H.012232
DESIGNED / CHECKED	DP / CMH
DETAILED / CHECKED	DS / DP
SERIES NUMBER	9 OF 10

NO.	DATE	REVISION OR CHANGE ORDER DESCRIPTION	BY

STATE OF LOUISIANA DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT

STRIPING AND SIGNING LAYOUT

LA 3064 TO LA 1248 PHASE II

DOTD

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△ LADOTD AND THE CITY OF BATON ROUGE TO DETERMINE THE DISPOSITION OF EXISTING "SPECIFIC SERVICE" SIGNS LOCATED WITHIN THE PROJECT LIMITS.
LOUISIANA INTERSTATE LOGOS, L.L.C. NEEDS TO BE INVITED TO THE PRECONSTRUCTION MEETING. THEY WILL BE RESPONSIBLE FOR REMOVING AND RE-INSTALLING THE LOGO SIGNS AT THE BEGINNING AND END OF THE PROJECT, RESPECTIVELY.

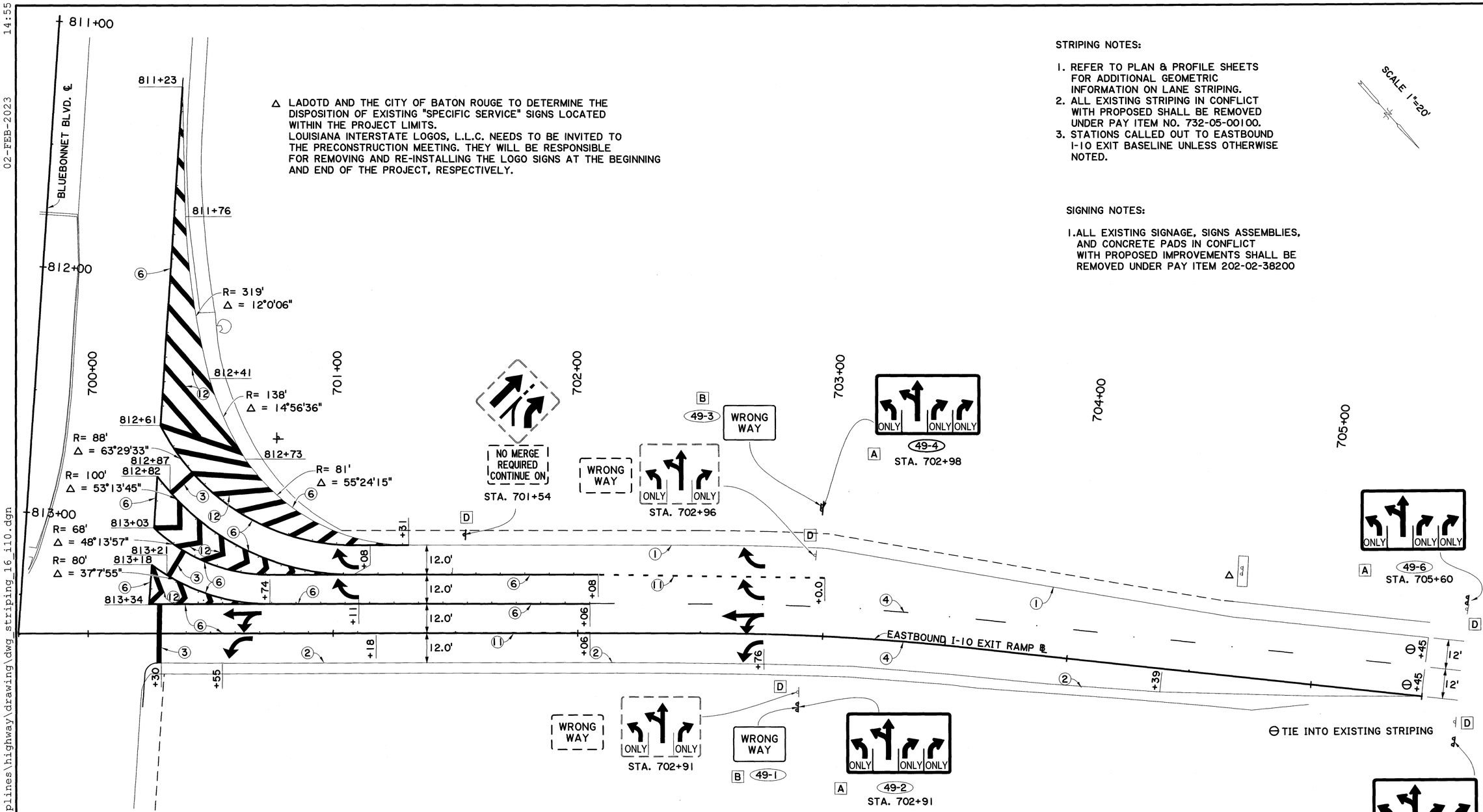
STRIPING NOTES:

1. REFER TO PLAN & PROFILE SHEETS FOR ADDITIONAL GEOMETRIC INFORMATION ON LANE STRIPING.
2. ALL EXISTING STRIPING IN CONFLICT WITH PROPOSED SHALL BE REMOVED UNDER PAY ITEM NO. 732-05-00100.
3. STATIONS CALLED OUT TO EASTBOUND I-10 EXIT BASELINE UNLESS OTHERWISE NOTED.

SIGNING NOTES:

1. ALL EXISTING SIGNAGE, SIGNS ASSEMBLIES, AND CONCRETE PADS IN CONFLICT WITH PROPOSED IMPROVEMENTS SHALL BE REMOVED UNDER PAY ITEM 202-02-38200

SCALE 1"=20'



SIGNING LEGEND

- A REQUIRED NEW SIGN AND BREAKAWAY POST
- B REQUIRED NEW SIGN (MOUNT AS INDICATED)
- C RELOCATE EXISTING SIGN AS SHOWN
- D REMOVE EXISTING SIGN

PROPOSED PAV'T MARKING LEGEND

1. 4" SOLID WHITE STRIPE
2. 4" SOLID YELLOW STRIPE
3. 24" SOLID WHITE STRIPE
4. 4" BROKEN WHITE STRIPE W/ CRYSTAL/RED REFLECTORS @ 40' O/C
5. 4" DOTTED WHITE STRIPE (TYPE B)
6. 8" SOLID WHITE STRIPE W/ CRYSTAL/RED REFLECTORS @ 6' O/C
7. 4" DOUBLE YELLOW STRIPE W/ AMBER/AMBER REFLECTORS @ 20' O/C
8. 4" SOLID YELLOW STRIPE W/ AMBER/AMBER REFLECTORS @ 10' O/C
9. 4" BROKEN YELLOW STRIPE W/ AMBER/AMBER REFLECTORS @ 40' O/C
10. 24" SOLID YELLOW STRIPE
11. 8" DOTTED WHITE STRIPE (TYPE B)
12. 24" SOLID WHITE STRIPE 45° DIAGONAL @ 12' O/C
13. 8" DOTTED WHITE STRIPE (TYPE A)

STATE OF LOUISIANA
DEBORAH C. SHEETS
REG. No. 23087
REGISTERED PROFESSIONAL ENGINEER
IN
CIVIL ENGINEERING
Deborah C Sheets
9/23/2022

SHEET NUMBER	49
PARISH	EAST BATON ROUGE
CONTROL SECTION	450-10
STATE PROJECT	H.012232
DESIGNED / CHECKED	DP / CMH
DETAILED / CHECKED	DS / DP
SERIES NUMBER	10 OF 10

NO.	DATE	REVISION OR CHANGE ORDER DESCRIPTION	BY

STATE OF LOUISIANA DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT

STRIPING AND SIGNING LAYOUT

LA 3064 TO LA 1248 PHASE II

DOTD

Stantec

PLAN SHEET NO.	SIGN ASSEMBLY NUMBER	STATION	REMARKS	SIGN CATALOG NUMBER	SIGN SIZE		MOUNTING LOCATIONS FT.-IN.		SIGN	SIGN	SIGN	BRIDGE FASCIA MOUNT 729-13-00100	ITEM 729-08-00100 2 1/2" POST	ITEM 729-08-00200 3 1/2" POST	ITEM 729-22-00100 SQUARE TUBING POST WITH 2-1/4" ANCHOR	ITEM 729-08-00600 W6 x 12 POST
					HORIZ.	VERT.	HEIGHT	INSIDE EDGE OF SIGN*	TYPE "A" ITEM 729-01-00100	TYPE "D" ITEM 729-04-00100	OVERHEAD 729-06-00100					
					INCHES	INCHES			(SQ. FT.)	(SQ. FT.)	SQ. FT.	EACH	EACH	EACH	EACH	EACH
DIJON																
40	40-1	134+35	A	R2-1	30	36	7'-0"	12'-0"	7.5				1			
	40-2	134+59	A	W11-15	36	36	8'-1"	2'-0"	9.0				1			
	40-2	134+59	B	W16-9P	24	12	7'-0"		2.0							
	40-3	135+49	A	R10-6a	24	30	7'-0"	2'-0"	5.0						1	
	40-3a	135+59	A	R10-6a	24	30	7'-0"	2'-0"	5.0						1	
	40-4	136+77	A	W11-15	36	36	8'-1"	2'-0"	9.0				1			
	40-4	136+77	B	W16-7P	24	12	7'-0"		2.0							
	40-5	136+56	A	W11-15	36	36	8'-1"	12'-0"	9.0				1			
	40-5	136+56	B	W16-7P	24	12	7'-0"		2.0							
	40-6	137+02	A	R10-6a	24	30	7'-0"	2'-0"	5.0						1	
	40-6a	137+02	A	R10-6a	24	30	7'-0"	2'-0"	5.0						1	
	40-7	138+25	A	W11-15	36	36	8'-1"	2'-0"	9.0				1			
	40-7	138+25	B	W16-9P	24	12	7'-0"		2.0							
41	41-1	140+00	A	R2-1	30	30	7'-0"	2'-0"	6.3						1	
43	43-1	161+61	A	R3-7R	36	36	7'-0"	2'-0"	9.0				1			
	43-2	163+50	A	R2-1	30	36	7'-0"	2'-0"	7.5				1			
	43-3	166+73	D	R3-8	24	36	7'-0"	2'-0"	6.0							
	43-4	166+73	D	R3-8	24	36	7'-0"	2'-0"	6.0							
	43-5	167+35	A	R3-2	24	24	7'-0"	2'-0"	4.0						1	
SUBTOTAL (DIJON)									110.3	0.0	0.0	0	7	0	6	0
BLUEBONNET BLVD																
45	45-1	813+90	A,D	R3-1	36	36	7'-0"	6'-0"	9.0				1			
	45-2	812+95	B,D	R3-2	36	36	6'-4"		9.0							
	45-2	812+95	B,D	M3-2 (I)	24	12	8'-5"		2.0							
	45-2	812+95	B,D	M1-1	24	24	6'-4"		4.0							
	45-2	812+95	B,D	M6-1L (I)	21	15	5'-0"		2.2							
	45-3	812+63	A	R5-1	36	36	7'-0"	14'-0"	9.0							
	45-3	812+63	B	R6-1R	54	18	5'-0"		6.8					1		
	45-3	812+63	B	R6-1L	54	18	5'-0"		6.8							
	45-4	813+67	A	R5-1	36	36	7'-0"	32'-0"	9.0							
	45-4	813+67	B	R6-1L	54	18	5'-0"		6.8					1		
46	46-1	817+97	A,D	R3-2	36	36	7'-0"	2'-6"	9.0				1			
	46-2	817+98	A	D9-2	30	30	7'-0"		6.3							
	46-2	817+98	B	M6-1L (I)	30	21	5'-0"		4.4							
	46-2	817+98	B	R5-1	36	36	7'-0"		9.0					1		
	46-2	817+98	B	R6-1L	54	18	5'-0"		6.8							
	46-3	817+28	A	R5-1	36	36	7'-0"		9.0							
	46-3	817+28	B	R6-1R	54	18	5'-0"		6.8					1		
	46-3	817+28	B	R6-1L	54	18	5'-0"		6.8							
	46-4	816+23	D,E		120	84	18'-0"				70.0	1				
47	47-1	822+91	A,D	R4-7	24	30	7'-0"	2'-6"	5.0						1	
SUBTOTAL (BLUEBONNET) (C.S. 258-33)									127.7	0.0	70.0	1	2	4	1	0
I-10 RAMPS																
48	48-1	902+82	A	R1-2	48X48X48		7'-0"	2'-6"	6.9				1			
	48-2	903+03	A	R1-2	48X48X48		7'-0"	2'-6"	6.9				1			
49	49-1	702+91	B	R5-1a	36	24	7'-0"		6.0							2
	49-2	702+91	A	R3-8a Mod	54	30		6'-0"		11.3						
	49-3	702+98	B	R5-1a	36	24	7'-0"		6.0							2
	49-4	702+98	A	R3-8a Mod	54	30	7'-0"	6'-0"		11.3						
	49-5	705+61	A	R3-8a Mod	54	30	7'-0"	6'-0"		11.3						2
	49-6	705+60	A	R3-8a Mod	54	30	7'-0"	6'-0"		11.3						2
SUBTOTAL (I-10) (C.S. 450-10)									25.8	45.2	0	0	2	0	0	8
TOTAL									263.8	45.2	70.0	1.0	11	4	7	8

*DIMENSION IS MEASURED FROM FACE OF THE CURB OR EDGE OF TRAVEL LANE TO INSIDE EDGE OF SIGN. SEE ROADSIDE TRAFFIC SIGN DETAILS.

SIGNING LEGEND (DIJON)

- A REQUIRED NEW SIGN AND BREAKAWAY POST
- B REQUIRED NEW SIGN (MOUNT AS INDICATED)
- C INTENTIONALLY LEFT BLANK
- D REQUIRED NEW SIGN. MOUNT TO EXIST POST

SIGNING LEGEND (BLUEBONNET & I-10)

- A REQUIRED NEW SIGN AND BREAKAWAY POST
- B REQUIRED NEW SIGN (MOUNT AS INDICATED)
- C RELOCATE EXISTING SIGN AS SHOWN
- D REMOVE EXISTING SIGN

STATE OF LOUISIANA
MARY FRANCES BRATTON
REG. No. 41444
REGISTERED PROFESSIONAL ENGINEER
IN
CIVIL ENGINEERING

Mary Bratton
2/1/2023

SHEET NUMBER 50

PARISH: EAST BATON ROUGE | CONTROL SECTION: 000-17, 258-33, 450-10 | STATE PROJECT: H.012232

DESIGNED MFB | CHECKED GDH | DETAILED TW | CHECKED MFB | SERIES NUMBER 1 OF 1

NO.	DATE	REVISION OR CHANGE ORDER DESCRIPTION	BY

STATE OF LOUISIANA DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT

SIGN SUMMARY

LA 3064 TO LA 1248 PHASE II

DOTD | Stantec

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GENERAL NOTES

1. LANE WIDTH OF 10 FT. IS TO BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION UNLESS OTHERWISE NOTED OR APPROVED. PROTECT ANY DROP- OFFS WITH THE APPLICABLE CHANNELIZING DEVICES (SEE STANDARD PLANS TTC-00 (A-D) FOR APPLICATION OF DEVICES UNLESS OTHERWISE SPECIFIED BY THE DISTRICT TRAFFIC OPERATIONS ENGINEER).

2. ALL EDGE LINES, LANE LINES, AND CENTERLINES SHALL BE MARKED WITH THE APPROPRIATE COLOR MARKINGS. TEMPORARY MARKINGS SHALL BE REMOVABLE TAPE ON NEW PAVEMENT SURFACES AND EXISTING PAVEMENT SURFACES TO REMAIN UNLESS DIRECTED OTHERWISE BY PROJECT ENGINEER.

3. ANY EXISTING STRIPING IN CONFLICT WITH TEMPORARY AND PERMANENT STRIPING SHALL BE REMOVED. ANY CONFLICTING PERMANENT OR TEMPORARY SIGNING SHALL BE COVERED DURING CONSTRUCTION.

4. FOR ADDITIONAL INFORMATION SEE STANDARD PLANS TTC-00 (A - D), TTC-01, TTC-02, TTC-09, TTC-18 & TTC-19.

5. TRAFFIC IS TO BE MAINTAINED AT ALL TIMES. THE CLOSING OF DRIVES PROVIDING ACCESS WILL BE ALLOWED FOR SHORT DURATIONS BUT MUST BE COORDINATED BY THE CONTRACTOR WITH THE OCCUPANT UNDER THE DIRECTION OF THE PROJECT ENGINEER. MAINTENANCE AGGREGATE SHALL BE USED TO MAINTAIN ACCESS TO ADJACENT PROPERTIES.

6. EROSION PROTECTION FOR THE PROPOSED DRAINAGE INLETS SHALL BE INSTALLED IMMEDIATELY AFTER THE NEW INLETS ARE IN PLACE.

7. TEMPORARY EROSION CONTROL MEASURES SHALL BE PLACED IN ACCORDANCE WITH STANDARD PLAN EC-01. CONTRACTOR SHALL SUBMIT AN EROSION CONTROL PLAN TO THE PROJECT ENGINEER AT THE PRE CONSTRUCTION CONFERENCE FOR REVIEW AND APPROVAL.

8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING POSITIVE DRAINAGE DURING CONSTRUCTION. TEMPORARY DRAINAGE STRUCTURES TO BE PAID FOR UNDER ITEM NO. 701-03-01120 "STORM DRAIN PIPE (54" RCP/RPVCP)" AND ITEM NO. 701-03-01160 "STORM DRAIN PIPE (72" RCP/RPVCP)". REMOVAL OF TEMPORARY DRAINAGE STRUCTURES TO BE PAID FOR UNDER ITEM NO. 202-01-00100 "REMOVAL OF STRUCTURES AND OBSTRUCTIONS."

9. CONTRACTOR SHALL COORDINATE ROADWAY WORK WITH UTILITY RELOCATION WORK.

10. IMPROVEMENTS AT I-10 ENTRANCE AND EXIT RAMPS AND BLUEBONNET BLVD. SHALL START AFTER COMPLETION OF THE CONSTRUCTION OF DIJON DRIVE EXTENSION.

11. IF A NEW TRAFFIC SIGNAL IS CONSTRUCTED PRIOR TO THE COMPLETION OF THE ROADWAY CONSTRUCTION AT BLUEBONNET AND I-10 RAMPS, THE NEW SIGNAL HEADS (INCLUDING THE YELLOW RETROREFLECTIVE BACKPLATES) NOT IN USE ARE TO BE COVERED IN ACCORDANCE WITH MUTCD CHAPTER 4D.

STATE OF LOUISIANA
MARY FRANCES BRATTON
REG. No. 41444
REGISTERED
PROFESSIONAL ENGINEER
IN
CIVIL ENGINEERING

Mary Bratton
9/23/2022

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SHEET NUMBER 51

PARISH: EAST BATON ROUGE
CONTROL SECTION: 000-17, 258-33, 450-10
STATE PROJECT: H.012232

DESIGNED MEN
CHECKED NDP
DETAILED TW
CHECKED MFB
SERIES NUMBER 1 OF 9

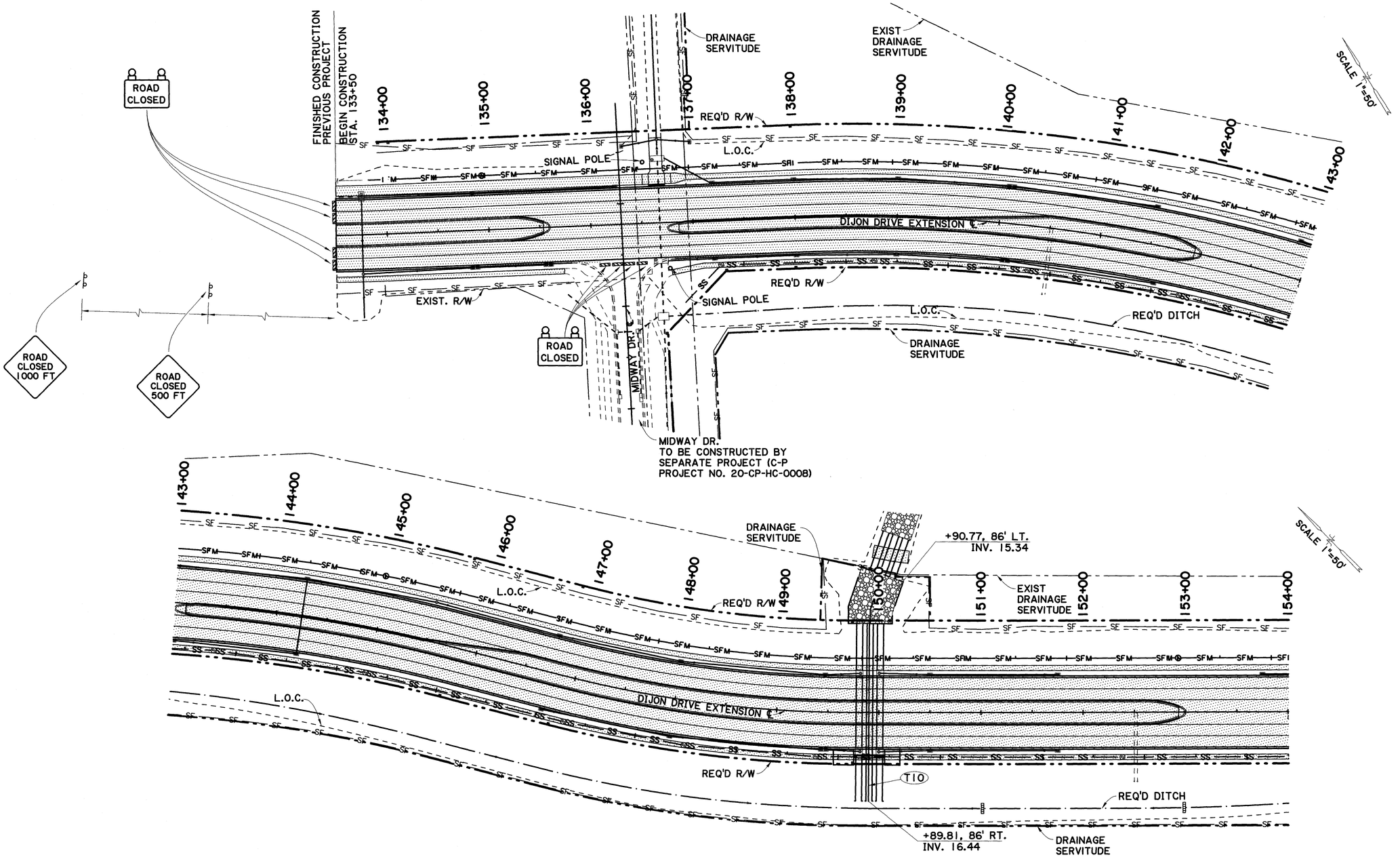
NO. | DATE | REVISION OR CHANGE ORDER DESCRIPTION | BY

SUGGESTED SEQUENCE OF CONSTRUCTION (DIJON DRIVE EXTENSION)

LA 3064 TO LA 1248 PHASE II

DOTD

Stantec



DIJON DRIVE EXTENSION - PHASE I

1. INSTALL ALL EROSION CONTROL DEVICES, CONSTRUCTION SIGNAGE, AND TEMPORARY TRAFFIC CONTROL DEVICES.
2. BEGIN INSTALLATION OF SIGNAL POLES AND ORDER TRAFFIC SIGNAL POLES FOR DIJON DR., BLUEBONNET BLVD, AND THE I-10 RAMP INTERSECTIONS.
3. PLACE EMBANKMENT AND TEMPORARY DRAINAGE STRUCTURES T10 & T20. AFTER THE SETTLEMENT PERIOD HAS ENDED, CONSTRUCT THE GRAVITY SEWER. NEXT REMOVE TEMPORARY DRAINAGE, CONSTRUCT THE PERMANENT DRAINAGE, AND THEN THE SEWER FORCE MAIN.
4. CONSTRUCT DIJON ROADWAY, SIDEWALK, SHARED USE PATH, DRIVEWAYS, LIGHTING, INTERCONNECT FIBER, AND PERMANENT SIGNAGE FROM STA. 133+50.00 TO STA. 162+00.00. CONSTRUCT ONLY THE EAST BOUND LANES FROM STA. 162+00.00 TO 165+06.98 AS SHOWN. THE NEW SIGNAL POLES AT THE DIJON/BLUEBONNET INTERSECTION MUST BE INSTALLED PRIOR TO CONSTRUCTION OF DIJON'S CONCRETE TURNOUT AT BLUEBONNET. THE NEW SIGNALS FOR SB BLUEBONNET AND WB N. MALL DRIVE MUST BE TURNED ON BEFORE THE TURNOUT IS CONSTRUCTED. THE EXISTING SIGNALS FOR EB DIJON TRAFFIC TO REMAIN IN USE THIS PHASE.

(T10) STA. 149+90, REQ'D SDP 72" x 175' @ 0.63%

STATE OF LOUISIANA
MARY FRANCES BRATTON
REG. No. 41444
REGISTERED PROFESSIONAL ENGINEER
IN
CIVIL ENGINEERING

Mary Bratton
2/1/2023

LEGEND

- REMOVAL THIS PHASE
- CONSTRUCTION THIS PHASE
- DETOUR PAVEMENT THIS PHASE
- TRAVEL ARROWS
- TYPE 3 BARRICADES
- CHANNELIZING DEVICE
- SF — REQ'D SILT FENCE
- REQ'D SEDIMENT CHECK DAM
- TRAFFIC CONTROL SIGN

SHEET NUMBER 52

PARISH	CONTROL SECTION	STATE PROJECT
EAST BATON ROUGE	000-17	H.012232

DESIGNED	CHECKED	DETAILED	CHECKED	SERIES NUMBER
MAN	GDH	TW	MFB	2 OF 9

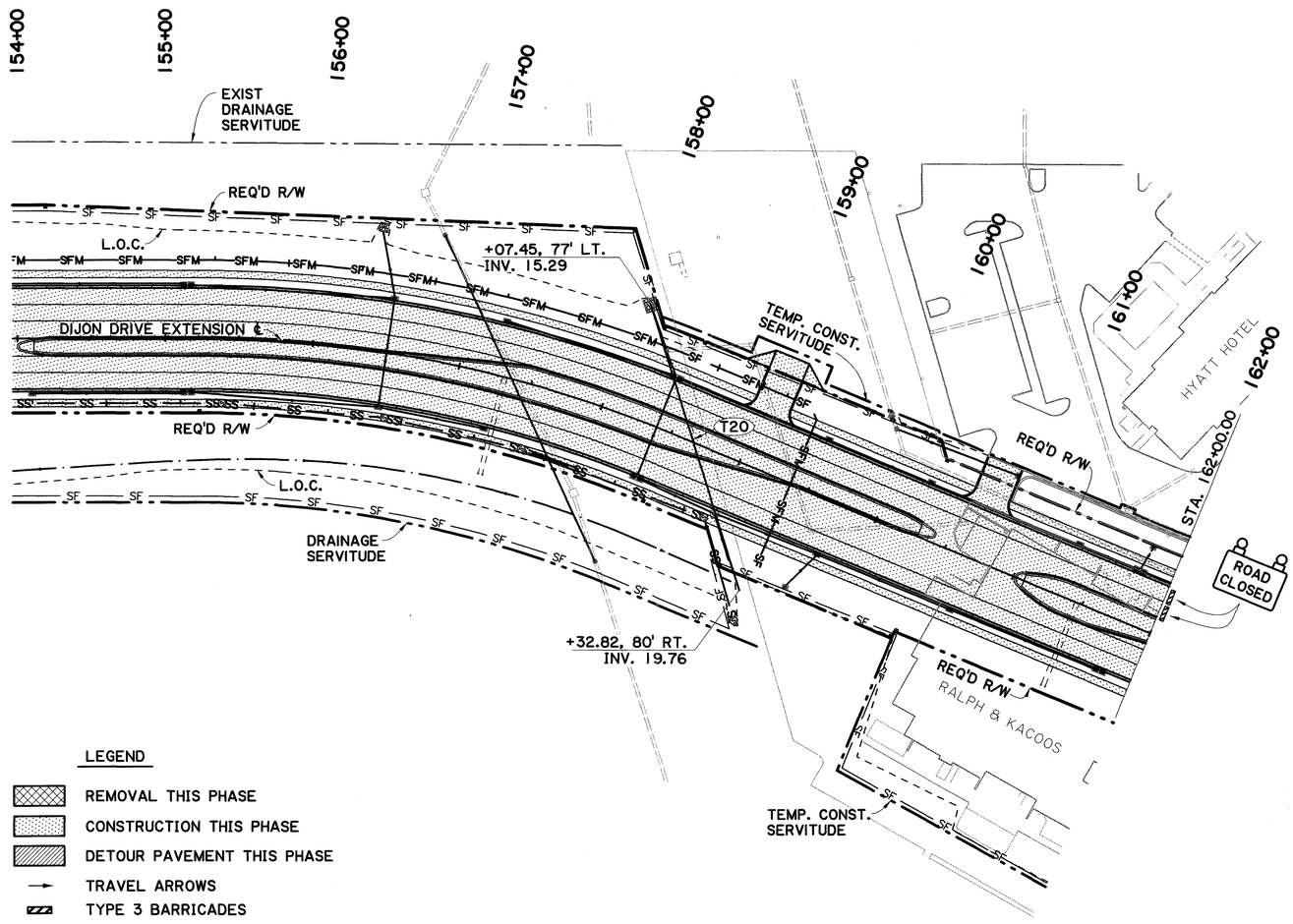
NO.	DATE	REVISION OR CHANGE ORDER DESCRIPTION	BY

STATE OF LOUISIANA DOTD

Stantec

SUGGESTED SEQUENCE OF CONSTRUCTION (DIJON DRIVE EXTENSION)

LA 3064 TO LA 1248 PHASE II



LEGEND

- REMOVAL THIS PHASE
- CONSTRUCTION THIS PHASE
- DETOUR PAVEMENT THIS PHASE
- TRAVEL ARROWS
- TYPE 3 BARRICADES
- CHANNELIZING DEVICE
- — SF — REQ'D SILT FENCE
- TRAFFIC CONTROL SIGN

(T20) STA. 158+70,
REQ'D SDP
54" x 202' @ 2.21%

DIJON DRIVE EXTENSION - PHASE I

1. INSTALL ALL EROSION CONTROL DEVICES, CONSTRUCTION SIGNAGE, AND TEMPORARY TRAFFIC CONTROL DEVICES.
2. BEGIN INSTALLATION OF SIGNAL POLES AND ORDER TRAFFIC SIGNAL POLES FOR DIJON DR., BLUEBONNET BLVD, AND THE I-10 RAMP INTERSECTIONS.
3. PLACE EMBANKMENT AND TEMPORARY DRAINAGE STRUCTURES T10 & T20. AFTER THE SETTLEMENT PERIOD HAS ENDED, CONSTRUCT THE GRAVITY SEWER. NEXT REMOVE TEMPORARY DRAINAGE, CONSTRUCT THE DRAINAGE, AND THEN THE SEWER FORCE MAIN.
4. CONSTRUCT DIJON ROADWAY, SIDEWALK, SHARED USE PATH, DRIVEWAYS, LIGHTING, AND PERMANENT SIGNAGE FROM STA. 133+50.00 TO STA. 162+00.00. CONSTRUCT ONLY THE EAST BOUND LANES FROM STA. 162+00.00 TO 165+06.98 AS SHOWN. THE NEW SIGNAL POLES AT THE DIJON/BLUEBONNET INTERSECTION MUST BE INSTALLED PRIOR TO CONSTRUCTION OF DIJON'S CONCRETE TURNOUT AT BLUEBONNET. THE NEW SIGNALS FOR SB BLUEBONNET AND WB N. MALL DRIVE MUST BE TURNED ON BEFORE THE TURNOUT IS CONSTRUCTED. THE EXISTING SIGNALS FOR EB DIJON TRAFFIC TO REMAIN IN USE THIS PHASE.

STATE OF LOUISIANA
MARY FRANCES BRATTON
REG. No. 41444
REGISTERED
PROFESSIONAL ENGINEER
IN
CIVIL ENGINEERING
Mary Bratton
9/23/2022

SHEET NUMBER	53
PARISH	EAST BATON ROUGE
CONTROL SECTION	000-17
STATE PROJECT	H.012232
DESIGNED MAN / CHECKED GDH	
DETAILED TW / CHECKED MFB	
SERIES NUMBER	3 OF 9

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

SUGGESTED SEQUENCE OF CONSTRUCTION (DIJON DRIVE EXTENSION)

LA 3064 TO LA 1248 PHASE II

DOTD | Stantec

DIJON DRIVE EXTENSION - PHASE I

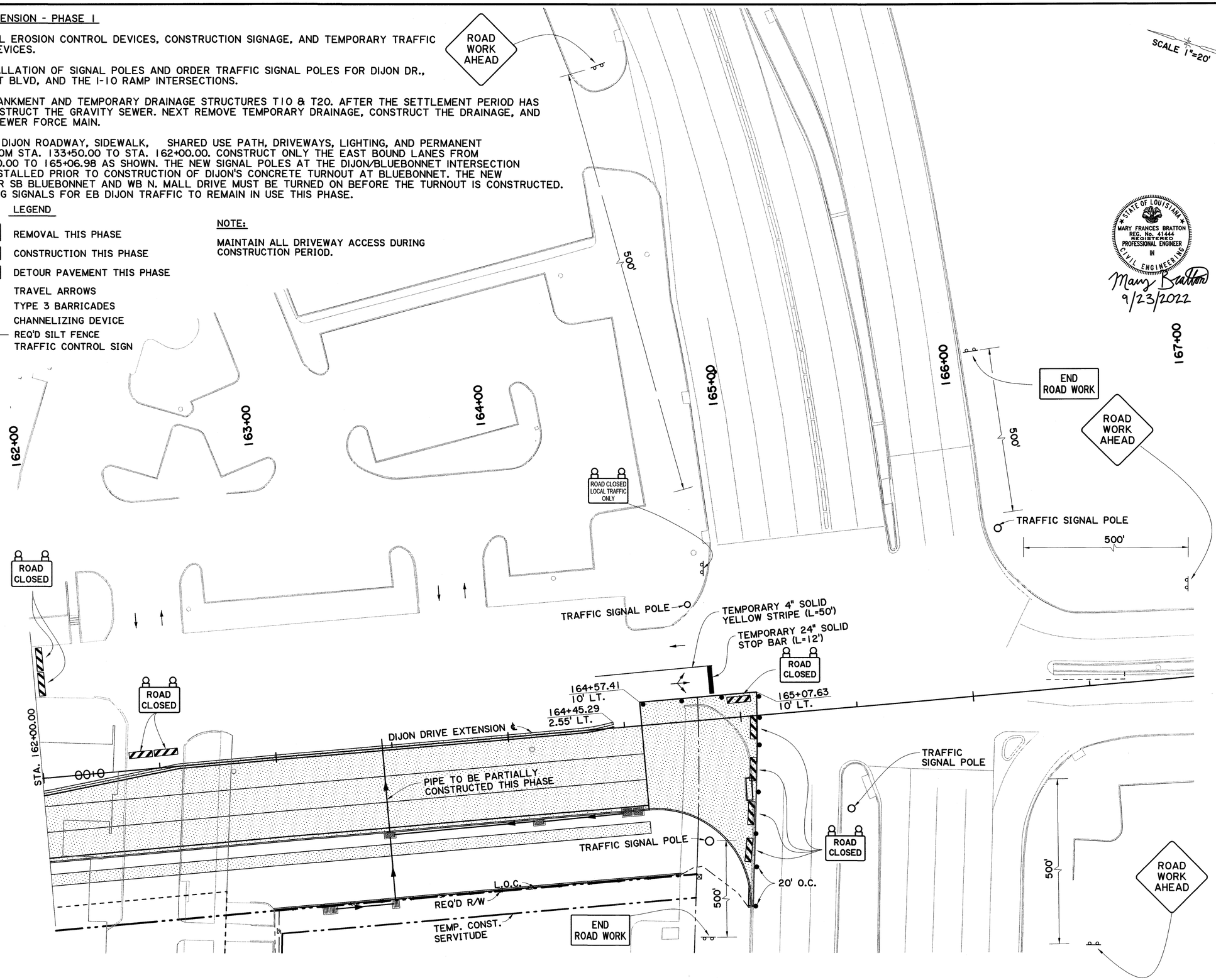
1. INSTALL ALL EROSION CONTROL DEVICES, CONSTRUCTION SIGNAGE, AND TEMPORARY TRAFFIC CONTROL DEVICES.
2. BEGIN INSTALLATION OF SIGNAL POLES AND ORDER TRAFFIC SIGNAL POLES FOR DIJON DR., BLUEBONNET BLVD, AND THE I-10 RAMP INTERSECTIONS.
3. PLACE EMBANKMENT AND TEMPORARY DRAINAGE STRUCTURES T10 & T20. AFTER THE SETTLEMENT PERIOD HAS ENDED, CONSTRUCT THE GRAVITY SEWER. NEXT REMOVE TEMPORARY DRAINAGE, CONSTRUCT THE DRAINAGE, AND THEN THE SEWER FORCE MAIN.
4. CONSTRUCT DIJON ROADWAY, SIDEWALK, SHARED USE PATH, DRIVEWAYS, LIGHTING, AND PERMANENT SIGNAGE FROM STA. 133+50.00 TO STA. 162+00.00. CONSTRUCT ONLY THE EAST BOUND LANES FROM STA. 162+00.00 TO 165+06.98 AS SHOWN. THE NEW SIGNAL POLES AT THE DIJON/BLUEBONNET INTERSECTION MUST BE INSTALLED PRIOR TO CONSTRUCTION OF DIJON'S CONCRETE TURNOUT AT BLUEBONNET. THE NEW SIGNALS FOR SB BLUEBONNET AND WB N. MALL DRIVE MUST BE TURNED ON BEFORE THE TURNOUT IS CONSTRUCTED. THE EXISTING SIGNALS FOR EB DIJON TRAFFIC TO REMAIN IN USE THIS PHASE.

LEGEND

- REMOVAL THIS PHASE
- CONSTRUCTION THIS PHASE
- DETOUR PAVEMENT THIS PHASE
- TRAVEL ARROWS
- TYPE 3 BARRICADES
- CHANNELIZING DEVICE
- SF — REQ'D SILT FENCE
- TRAFFIC CONTROL SIGN

NOTE:

MAINTAIN ALL DRIVEWAY ACCESS DURING CONSTRUCTION PERIOD.



STATE OF LOUISIANA
MARY FRANCES BRATTON
REG. No. 41444
REGISTERED PROFESSIONAL ENGINEER
IN
CIVIL ENGINEERING

Mary Bratton
9/23/2022

SUGGESTED SEQUENCE OF CONSTRUCTION (DIJON DRIVE EXTENSION)

LA 3064 TO LA 1248 PHASE II

SHEET NUMBER	54
PARISH	EAST BATON ROUGE
CONTROL SECTION	000-17
STATE PROJECT	H.012232
DESIGNED	MAN
CHECKED	GDH
DETAILED	TW
CHECKED	MFB
SERIES NUMBER	4 OF 9

NO.	DATE	REVISION OR CHANGE ORDER DESCRIPTION	BY

Stantec

30-SEP-2022 13:0

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DIJON DRIVE ENTENSION PHASE 2

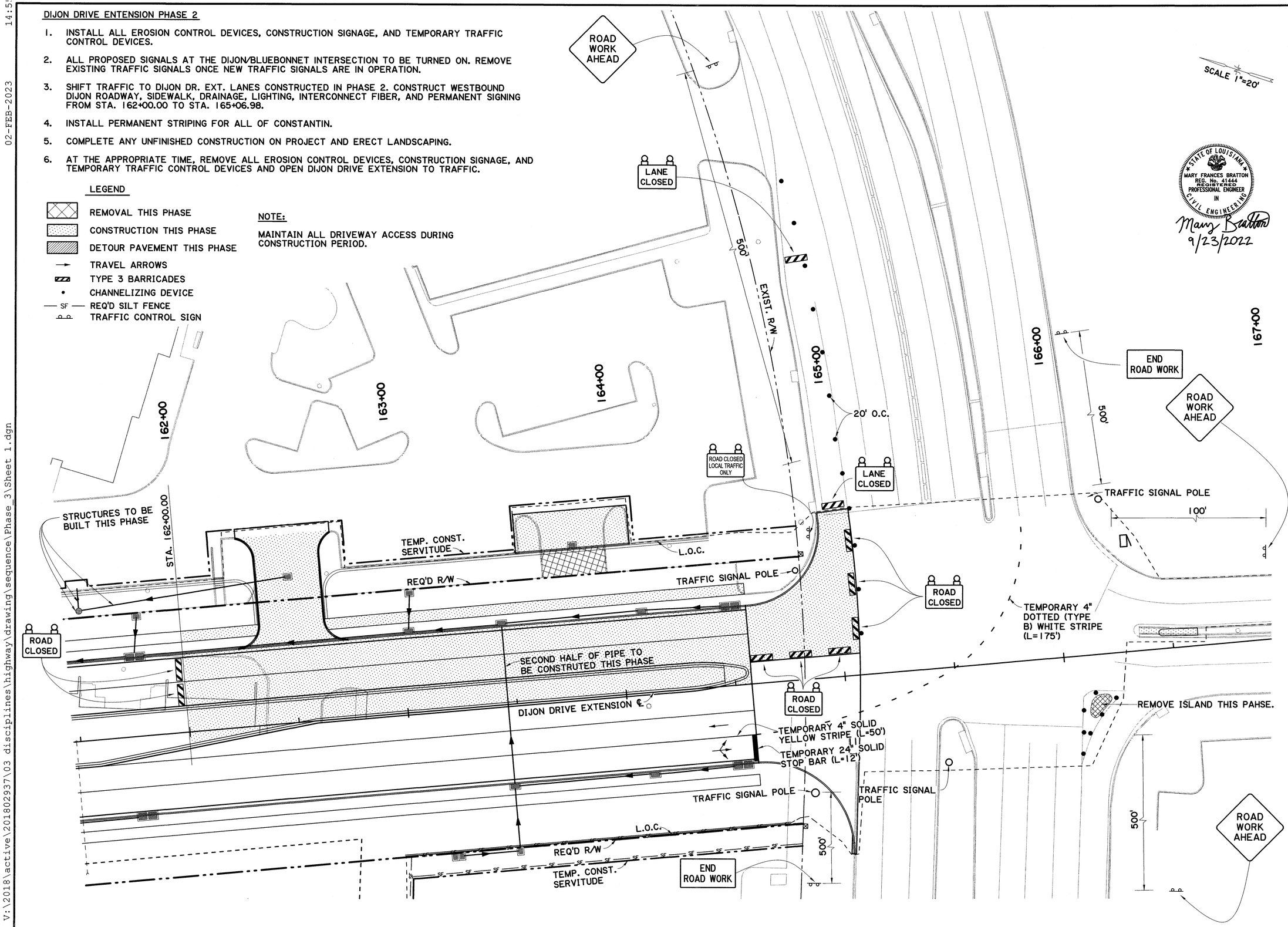
1. INSTALL ALL EROSION CONTROL DEVICES, CONSTRUCTION SIGNAGE, AND TEMPORARY TRAFFIC CONTROL DEVICES.
2. ALL PROPOSED SIGNALS AT THE DIJON/BLUEBONNET INTERSECTION TO BE TURNED ON. REMOVE EXISTING TRAFFIC SIGNALS ONCE NEW TRAFFIC SIGNALS ARE IN OPERATION.
3. SHIFT TRAFFIC TO DIJON DR. EXT. LANES CONSTRUCTED IN PHASE 2. CONSTRUCT WESTBOUND DIJON ROADWAY, SIDEWALK, DRAINAGE, LIGHTING, INTERCONNECT FIBER, AND PERMANENT SIGNING FROM STA. 162+00.00 TO STA. 165+06.98.
4. INSTALL PERMANENT STRIPING FOR ALL OF CONSTANTIN.
5. COMPLETE ANY UNFINISHED CONSTRUCTION ON PROJECT AND ERECT LANDSCAPING.
6. AT THE APPROPRIATE TIME, REMOVE ALL EROSION CONTROL DEVICES, CONSTRUCTION SIGNAGE, AND TEMPORARY TRAFFIC CONTROL DEVICES AND OPEN DIJON DRIVE EXTENSION TO TRAFFIC.

LEGEND

- REMOVAL THIS PHASE
- CONSTRUCTION THIS PHASE
- DETOUR PAVEMENT THIS PHASE
- TRAVEL ARROWS
- TYPE 3 BARRICADES
- CHANNELIZING DEVICE
- SF — REQ'D SILT FENCE
- TRAFFIC CONTROL SIGN

NOTE:

MAINTAIN ALL DRIVEWAY ACCESS DURING CONSTRUCTION PERIOD.



STATE OF LOUISIANA
MARY FRANCES BRATTON
REG. No. 41444
REGISTERED PROFESSIONAL ENGINEER
IN
CIVIL ENGINEERING
Mary Bratton
9/23/2022

SHEET NUMBER	55
PARISH	EAST BATON ROUGE
CONTROL SECTION	000-17
STATE PROJECT	H.012232
DESIGNED / CHECKED	MAN / GDH
DETAILED / CHECKED	TW / MFB
SERIES NUMBER	5 OF 9

NO.	DATE	REVISION OR CHANGE ORDER DESCRIPTION	BY

SUGGESTED SEQUENCE OF CONSTRUCTION (DIJON DRIVE EXTENSION)

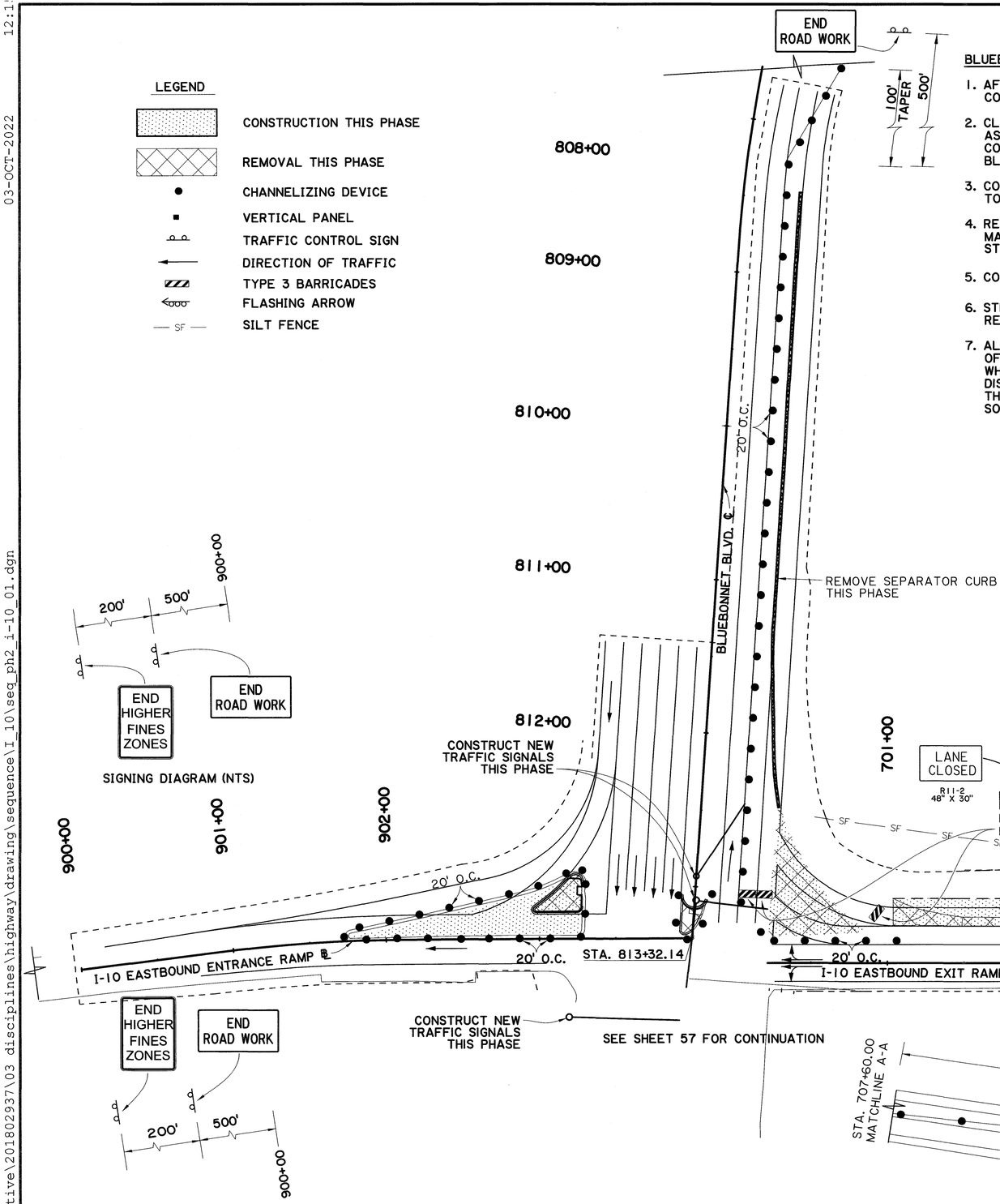
LA 3064 TO LA 1248 PHASE II

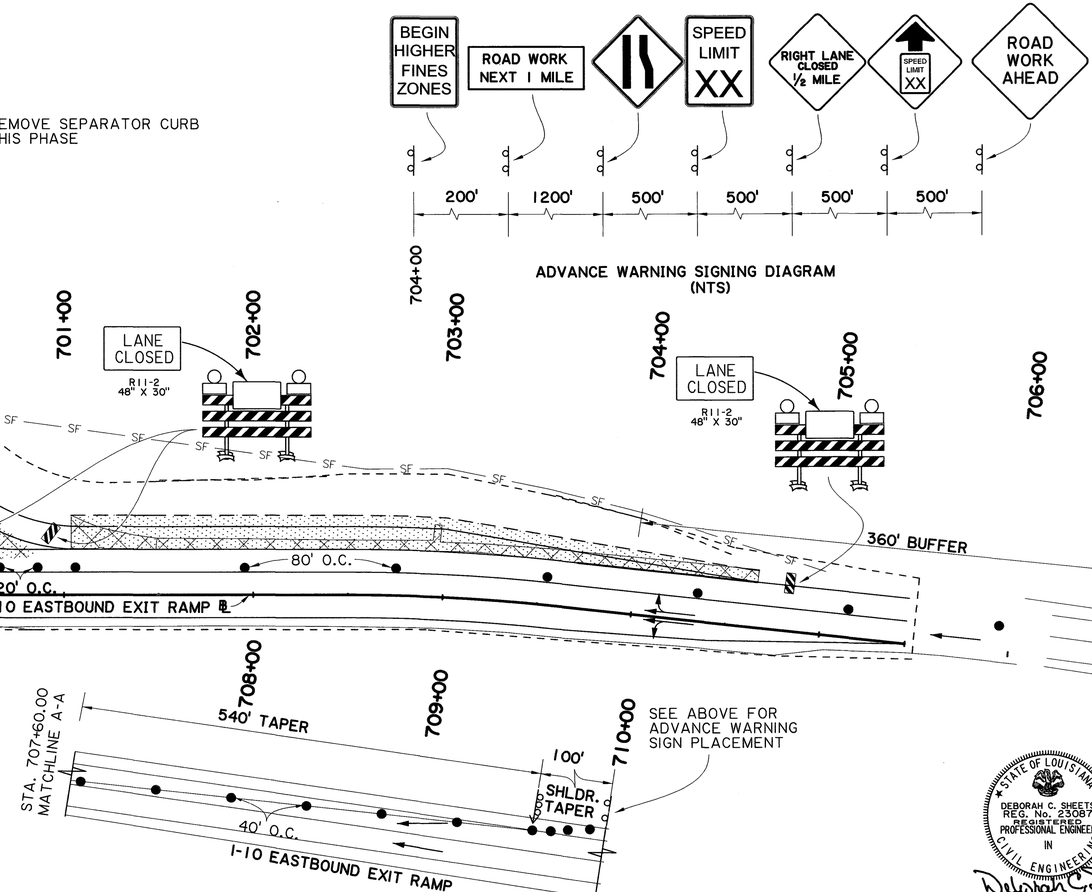
DOTD

Stantec

LEGEND

- CONSTRUCTION THIS PHASE
- REMOVAL THIS PHASE
- CHANNELIZING DEVICE
- VERTICAL PANEL
- TRAFFIC CONTROL SIGN
- DIRECTION OF TRAFFIC
- TYPE 3 BARRICADES
- FLASHING ARROW
- SF — SILT FENCE





ADVANCE WARNING SIGNING DIAGRAM (NTS)

SCALE 1"=40'

BLUEBONNET BLVD. & EB RAMPS - PHASE I

1. AFTER COMPLETION OF THE DIJON DRIVE EXTENSION CONSTRUCTION, INSTALL ALL EROSION CONTROL DEVICES, CONSTRUCTION SIGNAGE, AND TEMPORARY TRAFFIC CONTROL DEVICES.
2. CLOSE RIGHT LANE OF I-10 EASTBOUND EXIT RAMP AND CLOSE LANES ON BLUEBONNET AS SHOWN. REMOVE ISLAND CURBING ON I-10 EASTBOUND EXIT RAMP, GRADE AREA, AND CONSTRUCT PCCP TO MATCH EXISTING PAVEMENT. REMOVE SEPARATOR CURB ON BLUEBONNET BLVD. FROM STA. 808+47.83 TO 812+45.29. REOPEN SECOND SB THROUGH LANE AS SOON AS POSSIBLE.
3. CONSTRUCT NEW RIGHT TURN LANE AND SHOULDER ON I-10 EASTBOUND EXIT RAMP FROM STA. 701+03.70 TO STA. 704+65.00.
4. REMOVE ISLAND CURBING ON I-10 EASTBOUND ENTRANCE RAMP, GRADE AREA, AND CONSTRUCT PCC TO MATCH EXISTING PAVEMENT. REMOVE MEDIAN CURBING ON BLUEBONNET BLVD. ADD NEW CURBING NEAR STA. 813+32.
5. COMPLETE NEW TRAFFIC SIGNAL INSTALLATION AT THE BLUEBONNET AND I-10 EASTBOUND RAMP INTERSECTION.
6. STRIPE LANES AND ADD SIGNAGE FOR NEW TRAFFIC PATTERN. REMOVE EXISTING TRAFFIC SIGNALS ONCE NEW TRAFFIC SIGNALS ARE IN OPERATION.
7. ALL WORK SHALL BE NIGHTTIME WORK ONLY. WORK SHALL NOT BE PERFORMED DURING THE HOURS OF 8:00 PM TO 5:00 AM. ALL LANES SHALL REMAIN OPEN TO TRAFFIC EXCEPT DURING THE TIMES WHEN ROAD AND LANE CLOSURES ARE ALLOWED. ADDITIONAL WORK PERIODS MAY BE ALLOWED AT THE DISCRETION OF THE PROJECT ENGINEER. NO LANE CLOSURE WILL BE ALLOWED FOR ANY OPERATION DURING THE NEW YEARS, EASTER, MEMORIAL DAY, JULY 4TH , LABOR DAY, CHRISTMAS, THANKSGIVING, AND LSU OR SOUTHERN HOME FOOTBALL GAME PERIODS AS DEFINED BY THE PROJECT ENGINEER.

STATE OF LOUISIANA
DEBORAH C. SHEETS
REG. No. 23087
REGISTERED PROFESSIONAL ENGINEER
IN
CIVIL ENGINEERING
Deborah C. Sheets 9/23/2022

SHEET NUMBER	56
PARISH	EAST BATON ROUGE
CONTROL SECTION	258-33, 450-10
STATE PROJECT	H.012232
DESIGNED / CHECKED	DMP / CWH
DETAILED / CHECKED	DCS / DMP
SERIES NUMBER	6 OF 9

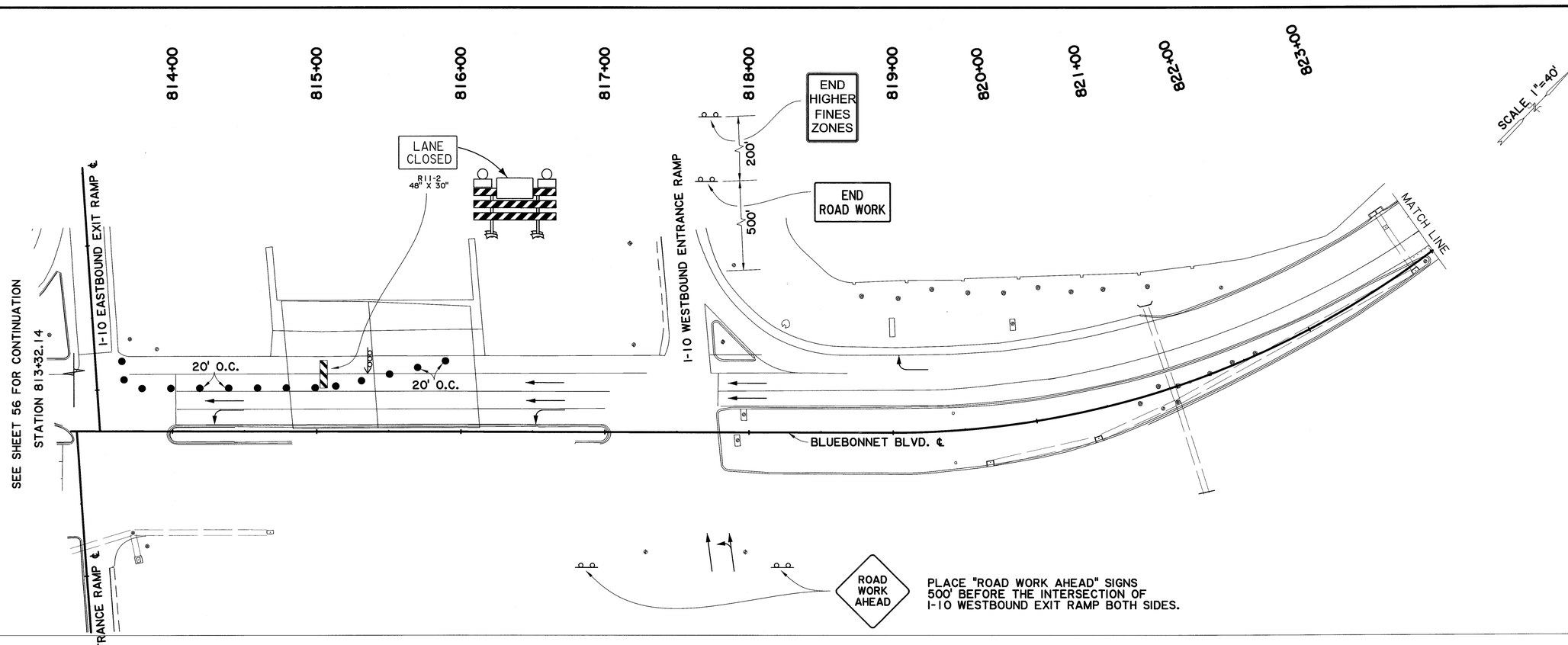
NO.	DATE	REVISION OR CHANGE ORDER DESCRIPTION	BY

SUGGESTED SEQUENCE OF CONSTRUCTION (I-10 EB RAMPS AND BLUEBONNET BLVD.)

LA 3064 TO LA 1248 PHASE II

DOTD

Stantec



ADVANCE WARNING SIGNING DIAGRAM
(NTS)

LEGEND

- CONSTRUCTION THIS PHASE
- REMOVAL THIS PHASE
- CHANNELIZING DEVICE
- VERTICAL PANEL
- TRAFFIC CONTROL SIGN
- DIRECTION OF TRAFFIC
- TYPE 3 BARRICADES
- FLASHING ARROW
- SF — SILT FENCE

NOTE:
SEE SHEET 56 FOR PHASE I CONSTRUCTION NOTES.

STATE OF LOUISIANA
DEBORAH C. SHEETS
REG. No. 23087
REGISTERED
PROFESSIONAL ENGINEER
IN
CIVIL ENGINEERING
Deborah C Sheets
9/23/2022

SUGGESTED SEQUENCE
OF CONSTRUCTION
(I-10 EB RAMPS AND
BLUEBONNET BLVD.)
LA 3064 TO LA 1248 PHASE II

SHEET NUMBER	57
PARISH	EAST BATON ROUGE
CONTROL SECTION	258-33, 450-10
STATE PROJECT	H.012232
DESIGNED / CHECKED	DMP / CMH
DETAILED / CHECKED	DCS / DMP
SERIES NUMBER	7 OF 9

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

Stantec

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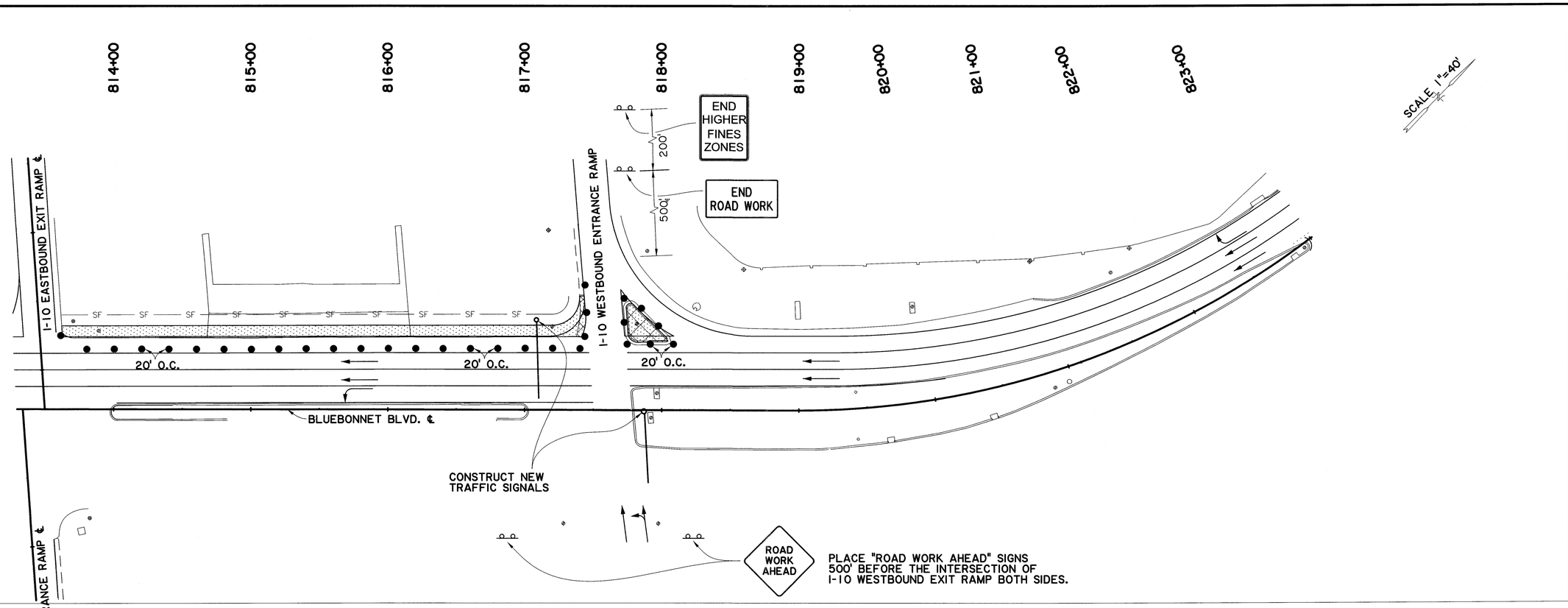
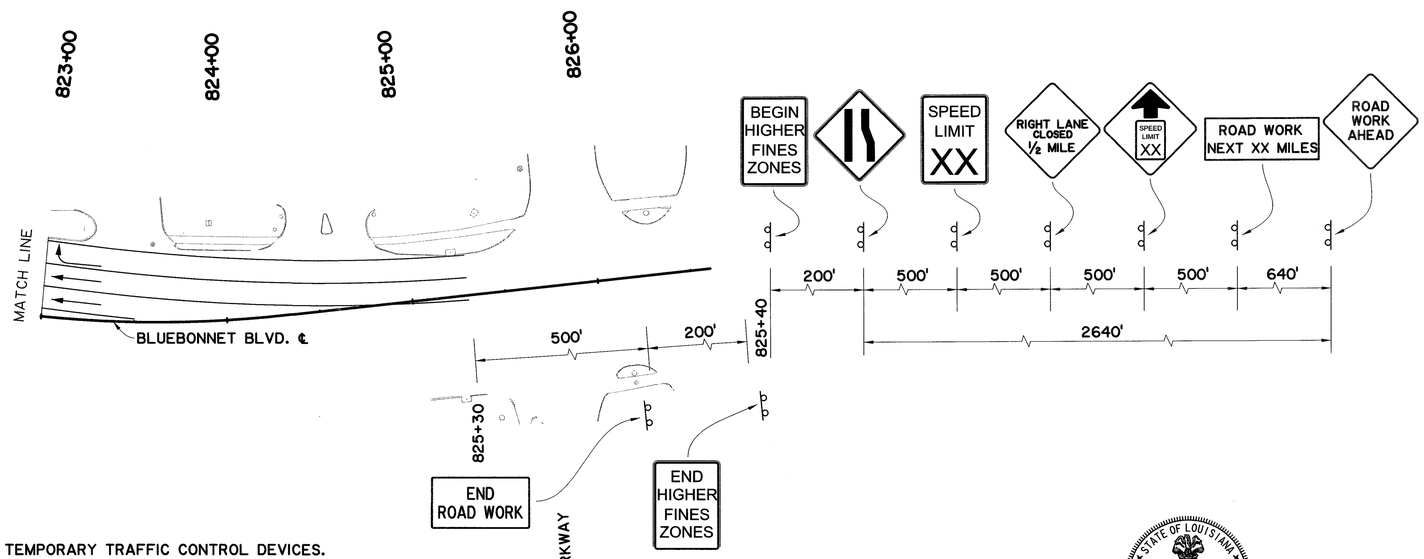


LEGEND

- CONSTRUCTION THIS PHASE
- REMOVAL THIS PHASE
- CHANNELIZING DEVICE
- VERTICAL PANEL
- TRAFFIC CONTROL SIGN
- DIRECTION OF TRAFFIC
- TYPE 3 BARRICADES
- FLASHING ARROW
- — SF — SILT FENCE



BLUEBONNET BLVD. & WB RAMPS - PHASE 2

1. INSTALL EROSION CONTROL DEVICES, CONSTRUCTION SIGNAGE, AND TEMPORARY TRAFFIC CONTROL DEVICES.
2. CONSTRUCT NEW SHOULDER ON BLUEBONNET BLVD. FROM STA. 813+62.08 LT. TO STA. 817+43.33 LT.
3. REMOVE ISLAND CURBING ON BLUEBONNET BLVD. LEFT FROM STA. 817+74.46 TO 818+05.89. GRADE AREA, AND CONSTRUCT PCCP TO MATCH EXISTING PAVEMENT.
4. CONTINUE CONSTRUCTION OF NEW TRAFFIC SIGNAL AT THE BLUEBONNET & I-10 WESTBOUND INTERSECTION.
5. STRIPE LANES AND ADD SIGNAGE FOR NEW TRAFFIC PATTERN.

STATE OF LOUISIANA
DEBORAH C. SHEETS
REG. No. 23087
REGISTERED PROFESSIONAL ENGINEER
IN
CIVIL ENGINEERING
Deborah C. Sheets 9/23/2022

SHEET NUMBER 58

DESIGNED	CHECKED	PARISH	CONTROL-SECTION	STATE PROJECT
DMP	CMH	EAST BATON ROUGE	258-33, 450-10	H.012232
DETAILED	CHECKED			
DSC	DMP			
SERIES NUMBER				
8 OF 9				

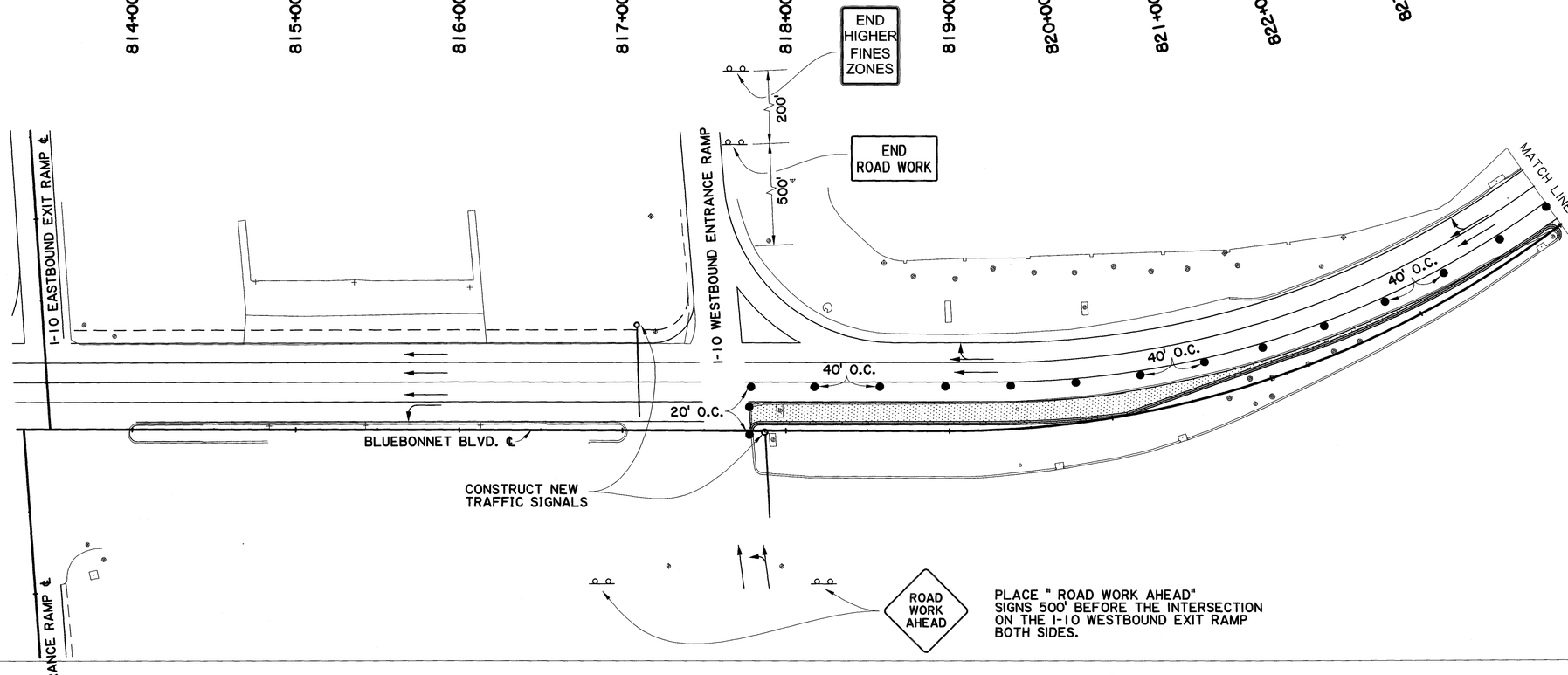
NO.	DATE	REVISION OR CHANGE ORDER DESCRIPTION	BY

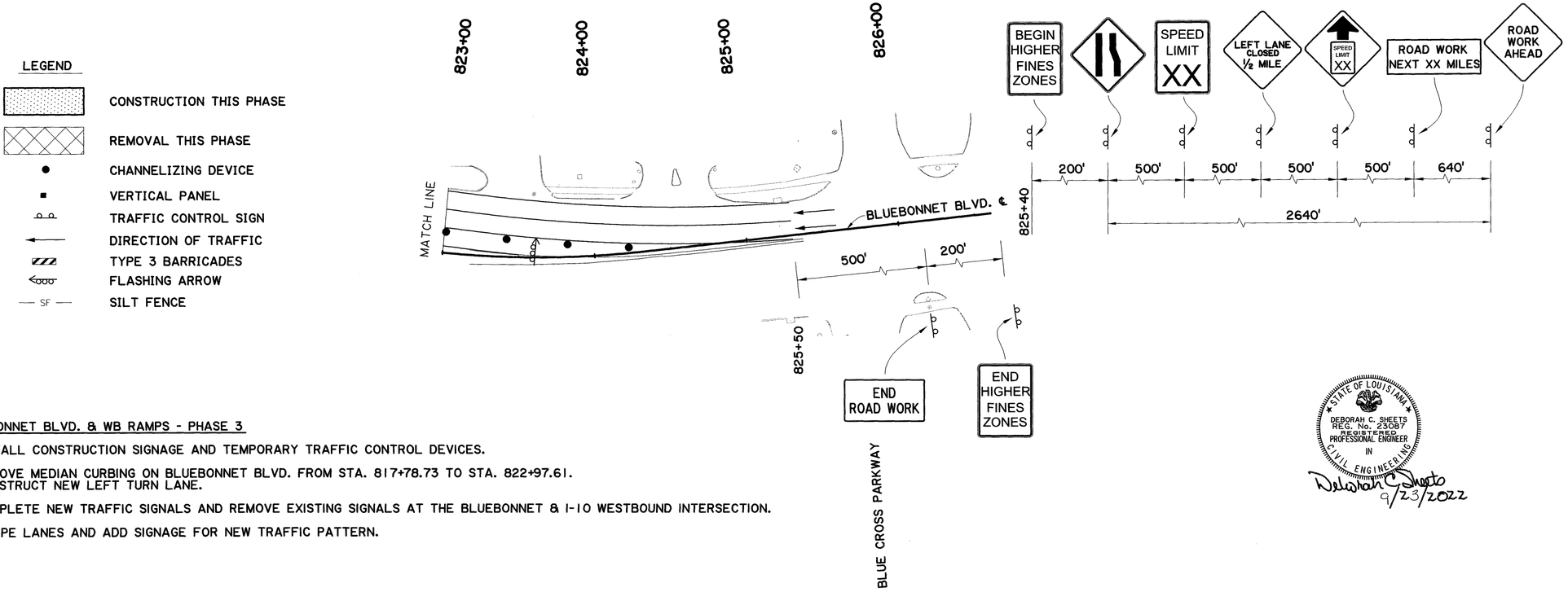
SUGGESTED SEQUENCE OF CONSTRUCTION (I-10 WB RAMPS AND BLUEBONNET BLVD.)

LA 3064 TO LA 1248 PHASE II

DOTD

Stantec





I-10 EASTBOUND ENTRANCE RAMP

LEGEND

- CONSTRUCTION THIS PHASE
- REMOVAL THIS PHASE
- CHANNELIZING DEVICE
- VERTICAL PANEL
- TRAFFIC CONTROL SIGN
- DIRECTION OF TRAFFIC
- TYPE 3 BARRICADES
- FLASHING ARROW
- — SF — SILT FENCE

BLUEBONNET BLVD. & WB RAMPS - PHASE 3

1. INSTALL CONSTRUCTION SIGNAGE AND TEMPORARY TRAFFIC CONTROL DEVICES.
2. REMOVE MEDIAN CURBING ON BLUEBONNET BLVD. FROM STA. 817+78.73 TO STA. 822+97.61. CONSTRUCT NEW LEFT TURN LANE.
3. COMPLETE NEW TRAFFIC SIGNALS AND REMOVE EXISTING SIGNALS AT THE BLUEBONNET & I-10 WESTBOUND INTERSECTION.
4. STRIPE LANES AND ADD SIGNAGE FOR NEW TRAFFIC PATTERN.

STATE OF LOUISIANA
DEBORAH C. SHEETS
REG. No. 23087
REGISTERED PROFESSIONAL ENGINEER
IN
CIVIL ENGINEERING
Deborah C. Sheets
9/23/2022

SHEET NUMBER 59

DESIGNED	DMP
CHECKED	CMH
DETAILED	DCS
CHECKED	DMP
SERIES NUMBER	9 OF 9

PARISH	EAST BATON ROUGE
CONTROL SECTION	258-33, 450-10
STATE PROJECT	H.012232

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

SUGGESTED SEQUENCE OF CONSTRUCTION (I-10 WB RAMPS AND BLUEBONNET BL VD.)

LA 3064 TO LA 1248 PHASE II

POTD

Stantec

TRAFFIC SIGNAL INVENTORY (v3.2)

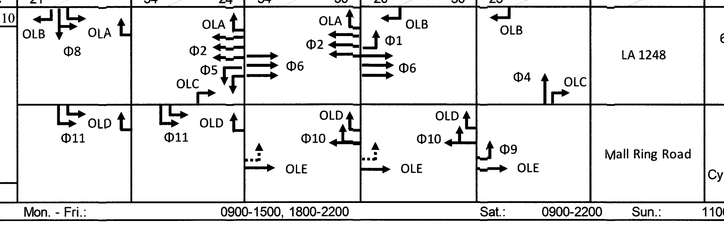
LOUISIANA DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT

TSI NO. 17-341 — PAGE: 1 OF 11

INTERSECTION: LA 1248 (BLUEBONNET BLVD) AT CONSTANTIN/MALL DRIVE 1 AT MALL RING ROAD	CTRL SEC: 258-33	LOGMILE: 5.557	
CITY: Baton Rouge	**PARISH:** East Baton Rouge	LAT: 30.393259	LONG: -91.088346
SIGNAL TYPE: Volume Density	**INTERCONNECT TYPE:** GPS & Fiber	REV. DATE:	INSTALL DATE:
MAINTAINED BY: EBR DTD	**COORDINATED WITH TSI #'S:**		

TRAFFIC SIGNAL COORDINATION PLANS (PHASING MAY VARY FROM FREE OPERATION)

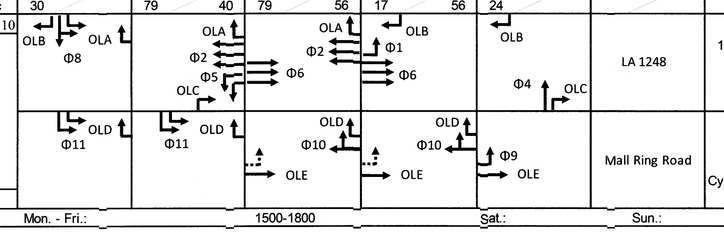
Ring 1	Φ1	Turn										<G	<Y	<R					5
	Φ2	Thru				G	G	G	G	Y	R								8,9,10,**11**
	Φ4	Thru													G	Y	R		15,**16**
Ring 2	Φ5	Turn				<G	<Y	<R											6,7
	Φ6	Thru							G	G	G	G	Y	R					1,2,3,4
	Φ8	Thru	G	Y	R														**12,13**
	Φ8	Turn	<G	<Y	<R														14
	Φ8	Turn	<G	–	–														**13**
Ring 3	Φ9	Turn													<G	<Y	–		**17**
	Φ10	Thru							G	G	G	G	Y	R					19,**20**
	Φ11	Turn	<G	<G	<G	<G	<Y	<R											21,22
OVERLAP	Φ2,Φ8	OLA	G>	G>	G>	G>	G>	G>	G>	Y>	–								**11**
	Φ1,Φ4,Φ8	OLB	G>	Y>	–							G>	G>	G>	G>	G>	G>		**12**
	Φ4,Φ5	OLC				G>	Y>	–							G>	Y>	–		**16**
	Φ10,Φ11	OLD	G>	G>	G>	G>	G>	G>	G>	G>	G>	G>	Y>	–					**20**
	Φ9,Φ10	OLE							G	G	G	G	G	G	G	Y	R		**17**,18
Int. Times			**13.8**	**5**	**2.2**	**17.6**	**5**	**1.4**	**23.6**	**5**	**1.4**	**13.6**	**5**	**1.4**	**18.1**	**5**	**1.9**		Signal Heads
Phasing			Φ8 + Φ11			Φ2 + Φ5 + Φ11			Φ2 + Φ6+ Φ10			Φ1 + Φ6 + Φ10			Φ4 + Φ9				
Split		sec	21			54		24	54		50	20		50	25				
Coord Φ: Φ1+Φ6+Φ10																			Offset =
Max: MAX INHIBIT																			64 sec
Pattern/Split: 3																			Cycle Length:
Action: 1																			120



Times of Operation: Mon. - Fri.: 0900-1500, 1800-2200 Sat.: 0900-2200 Sun.: 1100-2200

Notes:

Ring 1	Φ1	Turn										<G	<Y	<R					5
	Φ2	Thru				G	G	G	G	Y	R								8,9,10,**11**
	Φ4	Thru													G	Y	R		15,**16**
Ring 2	Φ5	Turn				<G	<Y	<R											6,7
	Φ6	Thru							G	G	G	G	Y	R					1,2,3,4
	Φ8	Thru	G	Y	R														**12,13**
	Φ8	Turn	<G	<Y	<R														14
	Φ8	Turn	<G	–	–														**13**
Ring 3	Φ9	Turn													<G	<Y	–		**17**
	Φ10	Thru							G	G	G	G	Y	R					19,**20**
	Φ11	Turn	<G	<G	<G	<G	<Y	<R											21,22
OVERLAP	Φ2,Φ8	OLA	G>	G>	G>	G>	G>	G>	G>	Y>	–								**11**
	Φ1,Φ4,Φ8	OLB	G>	Y>	–							G>	G>	G>	G>	G>	G>		**12**
	Φ4,Φ5	OLC				G>	Y>	–							G>	Y>	–		**16**
	Φ10,Φ11	OLD	G>	G>	G>	G>	G>	G>	G>	G>	G>	G>	Y>	–					**20**
	Φ9,Φ10	OLE							G	G	G	G	G	G	G	Y	R		**17**,18
Int. Times			**22.8**	**5**	**2.2**	**33.6**	**5**	**1.4**	**32.6**	**5**	**1.4**	**10.6**	**5**	**1.4**	**17.1**	**5**	**1.9**		Signal Heads
Phasing			Φ8 + Φ11			Φ2 + Φ5 + Φ11			Φ2 + Φ6+ Φ10			Φ1 + Φ6 + Φ10			Φ4 + Φ9				
Split		sec	30			79		40	79		56	17		56	24				
Coord Φ: Φ1+Φ6+Φ10																			Offset =
Max: MAX INHIBIT																			122 sec
Pattern/Split: 4																			Cycle Length:
Action: 2																			150



Times of Operation: Mon. - Fri.: 1500-1800 Sat.: Sun.:

Notes:

TRAFFIC SIGNAL INVENTORY (v3.2)

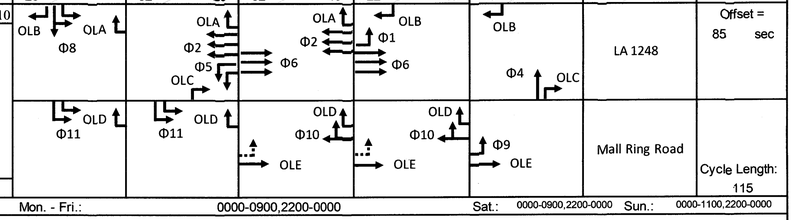
LOUISIANA DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT

TSI NO. 17-341 — PAGE: 2 OF 11

INTERSECTION: LA 1248 (BLUEBONNET BLVD) AT CONSTANTIN/MALL DRIVE 1 AT MALL RING ROAD	CTRL SEC: 258-33	LOGMILE: 5.557	
CITY: Baton Rouge	**PARISH:** East Baton Rouge	LAT: 30.393259	LONG: -91.088346
SIGNAL TYPE: Volume Density	**INTERCONNECT TYPE:** GPS & Fiber	REV. DATE:	INSTALL DATE:
MAINTAINED BY: EBR DTD	**COORDINATED WITH TSI #'S:**		

TRAFFIC SIGNAL COORDINATION PLANS (PHASING MAY VARY FROM FREE OPERATION)

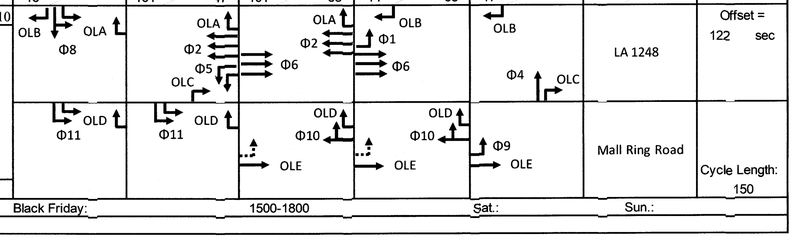
Ring 1	Φ1	Turn										<G	<Y	<R					5
	Φ2	Thru				G	G	G	G	Y	R								8,9,10,**11**
	Φ4	Thru													G	Y	R		15,**16**
Ring 2	Φ5	Turn				<G	<Y	<R											6,7
	Φ6	Thru							G	G	G	G	Y	R					1,2,3,4
	Φ8	Thru	G	Y	R														**12,13**
	Φ8	Turn	<G	<Y	<R														14
	Φ8	Turn	<G	–	–														**13**
Ring 3	Φ9	Turn													<G	<Y	–		**17**
	Φ10	Thru							G	G	G	G	Y	R					19,**20**
	Φ11	Turn	<G	<G	<G	<G	<Y	<R											21,22
OVERLAP	Φ2,Φ8	OLA	G>	G>	G>	G>	G>	G>	G>	Y>	–								**11**
	Φ1,Φ4,Φ8	OLB	G>	Y>	–							G>	G>	G>	G>	G>	G>		**12**
	Φ4,Φ5	OLC				G>	Y>	–							G>	Y>	–		**16**
	Φ10,Φ11	OLD	G>	G>	G>	G>	G>	G>	G>	G>	G>	G>	Y>	–					**20**
	Φ9,Φ10	OLE							G	G	G	G	G	G	G	Y	R		**17**,18
Int. Times			**15.8**	**5**	**2.2**	**18.6**	**5**	**1.4**	**20.6**	**5**	**1.4**	**15.6**	**5**	**1.4**	**11.1**	**5**	**1.9**		Signal Heads
Phasing			Φ8 + Φ11			Φ2 + Φ5 + Φ11			Φ2 + Φ6+ Φ10			Φ1 + Φ6 + Φ10			Φ4 + Φ9				
Split		sec	23			52		25	52		49	22		49	18				
Coord Φ: Φ1+Φ6+Φ10																			Offset =
Max: MAX INHIBIT																			85 sec
Pattern/Split: 12																			Cycle Length:
Action: 3																			115



Times of Operation: Mon. - Fri.: 0000-0900,2200-0000 Sat.: 0000-0900,2200-0000 Sun.: 0000-1100,2200-0000

Notes:

Ring 1	Φ1	Turn										<G	<Y	<R					5
	Φ2	Thru				G	G	G	G	Y	R								8,9,10,**11**
	Φ4	Thru													G	Y	R		15,**16**
Ring 2	Φ5	Turn				<G	<Y	<R											6,7
	Φ6	Thru							G	G	G	G	Y	R					1,2,3,4
	Φ8	Thru	G	Y	R														**12,13**
	Φ8	Turn	<G	<Y	<R														14
	Φ8	Turn	<G	–	–														**13**
Ring 3	Φ9	Turn													<G	<Y	–		**17**
	Φ10	Thru							G	G	G	G	Y	R					19,**20**
	Φ11	Turn	<G	<G	<G	<G	<Y	<R											21,22
OVERLAP	Φ2,Φ8	OLA	G>	G>	G>	G>	G>	G>	G>	Y>	–								**11**
	Φ1,Φ4,Φ8	OLB	G>	Y>	–							G>	G>	G>	G>	G>	G>		**12**
	Φ4,Φ5	OLC				G>	Y>	–							G>	Y>	–		**16**
	Φ10,Φ11	OLD	G>	G>	G>	G>	G>	G>	G>	G>	G>	G>	Y>	–					**20**
	Φ9,Φ10	OLE							G	G	G	G	G	G	G	Y	R		**17**,18
Int. Times			**10.8**	**5**	**2.2**	**40.6**	**5**	**1.4**	**47.6**	**5**	**1.4**	**7.6**	**5**	**1.4**	**10.1**	**5**	**1.9**		Signal Heads
Phasing			Φ8 + Φ11			Φ2 + Φ5 + Φ11			Φ2 + Φ6+ Φ10			Φ1 + Φ6 + Φ10			Φ4 + Φ9				
Split		sec	18			101		47	101		68	14		68	17				
Coord Φ: Φ1+Φ6+Φ10																			Offset =
Max: MAX INHIBIT																			122 sec
Pattern/Split: 24																			Cycle Length:
Action: 4																			150



Times of Operation: Black Friday: 1500-1800 Sat.: Sun.:

Notes:

SHEET NUMBER 101

PARISH: EAST BATON ROUGE | CONTROL SECTION: 000-17 | STATE PROJECT: H.012232

DESIGNED JPB CHECKED JML | DETAILED JPB CHECKED MJD | SERIES NUMBER 1 OF 6

NO.	DATE	REVISION OR CHANGE ORDER DESCRIPTION	BY

TRAFFIC SIGNAL INVENTORY
LA 1248 AT CONSTANTIN BLVD/
MALL DR 1 AT MALL RING RD

LA 3604 TO LA 1248 PHASE II

DOTD

Stantec

TRAFFIC SIGNAL INVENTORY (v3.2)

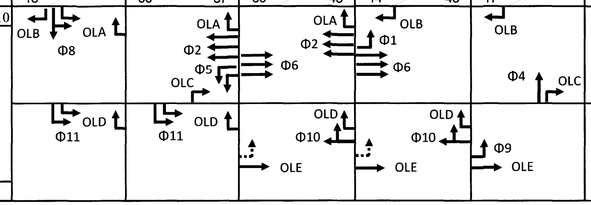
LOUISIANA DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT

TSI NO. 17-341 — PAGE: 3 OF 11

INTERSECTION:	LA 1248 (BLUEBONNET BLVD) AT CONSTANTIN/MALL DRIVE 1 AT MALL RING ROAD	CTRL SEC: 258-33	LOGMILE: 5.557
CITY:	Baton Rouge	**PARISH:** East Baton Rouge	LAT: 30.393259	LONG: -91.088346
SIGNAL TYPE:	Volume Density	**INTERCONNECT TYPE:** GPS & Fiber	REV. DATE:	INSTALL DATE:
MAINTAINED BY:	DPW	**COORDINATED WITH TSI #'S:**		

TRAFFIC SIGNAL COORDINATION PLANS (PHASING MAY VARY FROM FREE OPERATION)

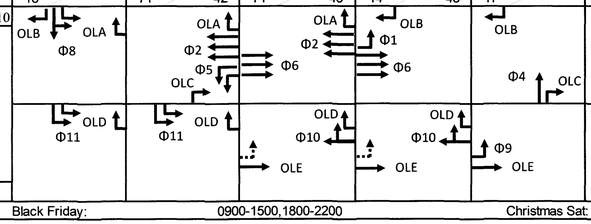
Ring 1	Φ1	Turn										<G	<Y	<R					5
	Φ2	Thru				G	G	G	G	Y	R								8,9,10,**11**
	Φ4	Thru													G	Y	R		15,**16**
Ring 2	Φ5	Turn				<G	<Y	<R											6,7
	Φ6	Thru							G	G	G	G	Y	R					1,2,3,4
	Φ8	Thru	G	Y	R														**12,13**
	Φ8	Turn	<G	<Y	<R														14
	Φ8	Turn	<G	–	–														**13**
Ring 3	Φ9	Turn													<G	<Y	–		**17**
	Φ10	Thru							G	G	G	G	Y	R					19,**20**
	Φ11	Turn	<G	<G	<G	<G	<Y	<R											21,22
OVERLAP	Φ2,Φ8	OLA	G>	G>	G>	G>	G>	G>	G>	Y>	–								**11**
	Φ1,Φ4,Φ8	OLB	G>	Y>	–							G>	G>	G>	G>	G>	G>		**12**
	Φ4,Φ5	OLC				G>	Y>	–							G>	Y>	–		**16**
	Φ10,Φ11	OLD	G>	G>	G>	G>	G>	G>	G>	G>	G>	G>	Y>	–					**20**
	Φ9,Φ10	OLE							G	G	G	G	G	G	G	Y	R		**17**,18
Int. Times			**10.8**	**5**	**2.2**	**30.6**	**5**	**1.4**	**22.6**	**5**	**1.4**	**7.6**	**5**	**1.4**	**10.1**	**5**	**1.9**		Signal Heads
Phasing			Φ8 + Φ11			Φ2 + Φ5 + Φ11			Φ2 + Φ6+ Φ10			Φ1 + Φ6 + Φ10			Φ4 + Φ9				
Split		sec	18			66		37	66		43	14		43	17				
Coord Φ:	Φ1+Φ6+Φ10																		Offset =
Max: MAX INHIBIT																			85 sec
Pattern/Split:	22																		
Action:	5																		Cycle Length: 115



Times of Operation: Black Friday: 0000-0900,2200-0000 — Chistmas Sat: 0000-0900,2200-0000

Notes:

Ring 1	Φ1	Turn										<G	<Y	<R					5
	Φ2	Thru				G	G	G	G	Y	R								8,9,10,**11**
	Φ4	Thru													G	Y	R		15,**16**
Ring 2	Φ5	Turn				<G	<Y	<R											6,7
	Φ6	Thru							G	G	G	G	Y	R					1,2,3,4
	Φ8	Thru	G	Y	R														**12,13**
	Φ8	Turn	<G	<Y	<R														14
	Φ8	Turn	<G	–	–														**13**
Ring 3	Φ9	Turn													<G	<Y	–		**17**
	Φ10	Thru							G	G	G	G	Y	R					19,**20**
	Φ11	Turn	<G	<G	<G	<G	<Y	<R											21,22
OVERLAP	Φ2,Φ8	OLA	G>	G>	G>	G>	G>	G>	G>	Y>	–								**11**
	Φ1,Φ4,Φ8	OLB	G>	Y>	–							G>	G>	G>	G>	G>	G>		**12**
	Φ4,Φ5	OLC				G>	Y>	–							G>	Y>	–		**16**
	Φ10,Φ11	OLD	G>	G>	G>	G>	G>	G>	G>	G>	G>	G>	Y>	–					**20**
	Φ9,Φ10	OLE							G	G	G	G	G	G	G	Y	R		**17**,18
Int. Times			**10.8**	**5**	**2.2**	**35.6**	**5**	**1.4**	**22.6**	**5**	**1.4**	**7.6**	**5**	**1.4**	**10.1**	**5**	**1.9**		Signal Heads
Phasing			Φ8 + Φ11			Φ2 + Φ5 + Φ11			Φ2 + Φ6+ Φ10			Φ1 + Φ6 + Φ10			Φ4 + Φ9				
Split		sec	18			71		42	71		43	14		43	17				
Coord Φ:	Φ1+Φ6+Φ10																		Offset =
Max: MAX INHIBIT																			64 sec
Pattern/Split:	25																		
Action:	6																		Cycle Length: 120



Times of Operation: Black Friday: 0900-1500,1800-2200 — Christmas Sat: 0900-2200

Notes:

TRAFFIC SIGNAL INVENTORY (v3.2)

LOUISIANA DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT

TSI NO. 17-341 — PAGE: 4 OF 11

Intersection: LA 1248 (BLUEBONNET BLVD) AT CONSTANTIN/MALL DRIVE 1 AT MALL RING ROAD

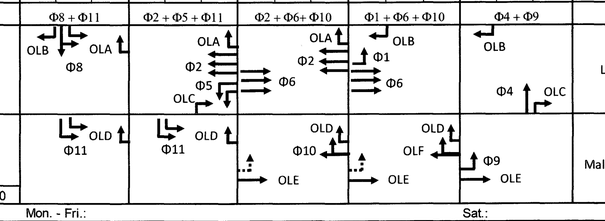
Phasing Parameters

Phase Mode / USER	Force Off: Float	Phase #: / Movement:	1	2	4	5	6	8	9	10	11
PARAMETER		RANGE(sec)									
MIN GREEN (MIN I)		0 - 99	7	15	10	7	15	10	10	10	10
GAP, EXTENSION		0 - 10	2.5	4.3	2.5	2.5	4.3	2.5	2.5	2.5	2.5
MAX GREEN I (MAX I)		0 - 255	30	60	30	30	60	30	30	30	30
MAX GREEN II (MAX II)		0 - 255	60	90	60	60	90	60	45	45	90
YELLOW CLEARANCE (YEL)		3 - 7	5	5	5	5	5	5	5	5	5
RED CLEARANCE (RED)		1 - 4	1.4	1.4	1.9	1.4	1.4	2.2	1.4	1.4	1.4
WALK (WALK)		0 - 100									
PED CLEARANCE (P CLR)		0 - 100									
ADDED INITIAL GREEN		0 - 10									
MAXIMUM INITIAL		0 - 255									
TIME BEFORE REDUCTION		0 - 255		15			15				
TIME TO REDUCE		0 - 255		20			20				
REDUCE BY		0 - 99									
MINIMUM GAP		0 - 10		1.5			1.5				
DYNAMIC MAX LIMIT		0 - 255									
DYNAMIC MAX STEP		0 - 25									
RECALL		MIN/MAX		MIN			MIN				
PEDESTRIAN CALL		ON/OFF									
LOCK CALLS		ON/OFF									
SOFT RECALLS		ON/OFF									
REST IN WALK		ON/OFF									
DUAL ENTRY		ON/OFF									

ADDITIONAL SIGNAL CONTROLLER SETTINGS

TRAFFIC SIGNAL FREE OPERATION PHASING WHEN ALL PHASES ARE CALLED

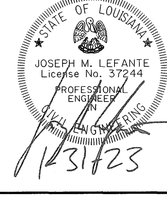
Ring 1	Φ1	Turn										<G	<Y	<R					5
	Φ2	Thru				G	G	G	G	Y	R								8,9,10,**11**
	Φ4	Thru													G	Y	R		15,**16**
Ring 2	Φ5	Turn				<G	<Y	<R											6,7
	Φ6	Thru							G	G	G	G	Y	R					1,2,3,4
	Φ8	Thru	G	Y	R														**12,13**
	Φ8	Turn	<G	<Y	<R														14
	Φ8	Turn	<G	–	–														**13**
Ring 3	Φ9	Turn													<G	<Y	–		**17**
	Φ10	Thru							G	G	G	G	Y	R					19,**20**
	Φ11	Turn	<G	<G	<G	<G	<Y	<R											21,22
OVERLAP	Φ2,Φ8	OLA	G>	G>	G>	G>	G>	G>	G>	Y>	–								**11**
	Φ1,Φ4,Φ8	OLB	G>	Y>	–							G>	G>	G>	G>	G>	G>		**12**
	Φ4,Φ5	OLC				G>	Y>	–							G>	Y>	–		**16**
	Φ10,Φ11	OLD	G>	G>	G>	G>	G>	G>	G>	G>	G>	G>	Y>	–					**20**
	Φ9,Φ10	OLE							G	G	G	G	G	G	G	Y	R		**17**,18
Phasing			Φ8 + Φ11			Φ2 + Φ5 + Φ11			Φ2 + Φ6+ Φ10			Φ1 + Φ6 + Φ10			Φ4 + Φ9				Signal Heads
Max: MAX 1																			Pattern/Split: 254



Sequence #: 1 — Action: 10

Times of Operation: Mon. - Fri.: — Sat.: — Sun.:

Notes:



SHEET NUMBER 102

PARISH: EAST BATON ROUGE — CONTROL SECTION: 000-17 — STATE PROJECT: H.012232

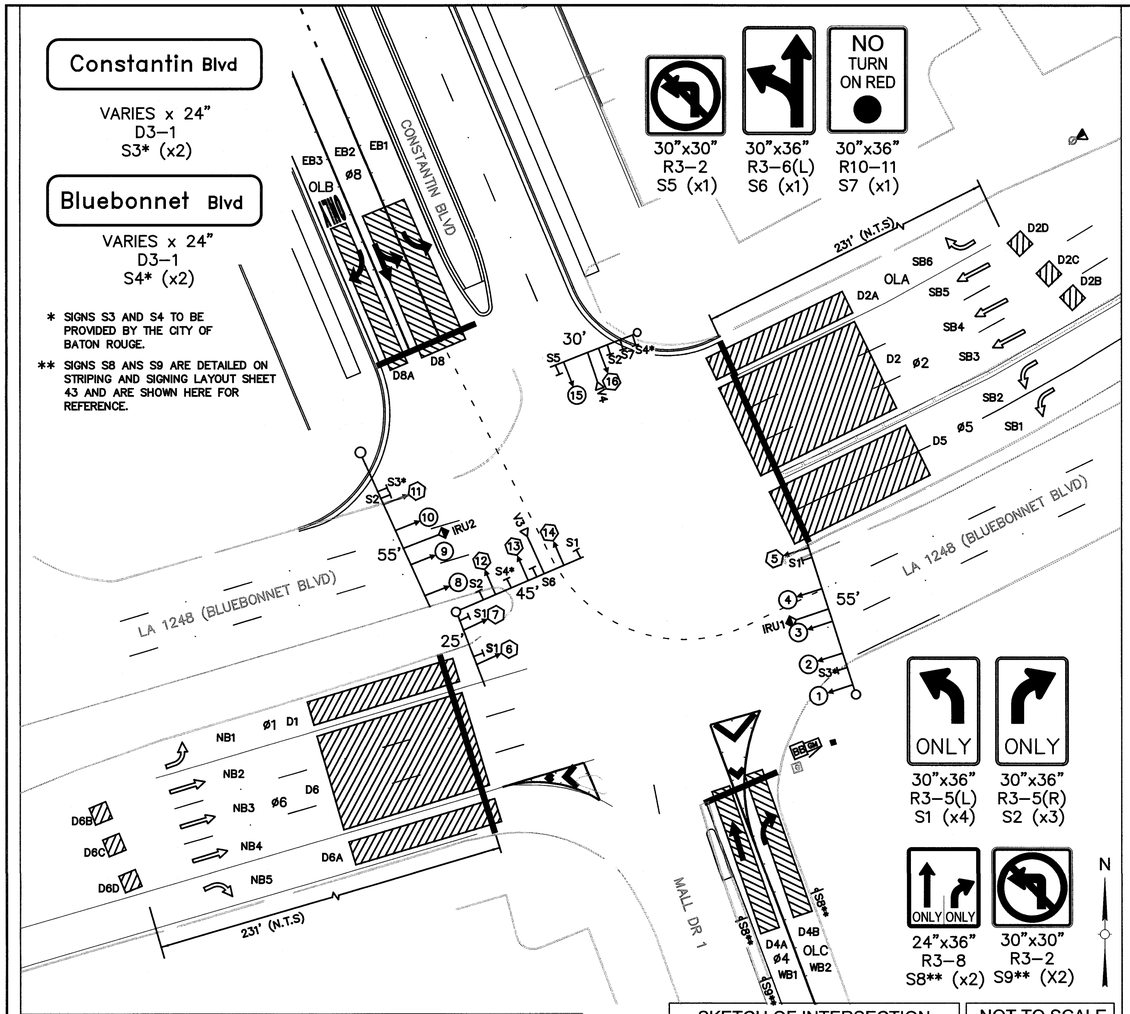
DESIGNED: JPB — CHECKED: JML — DETAILED: JPB — CHECKED: MJD — SERIES NUMBER: 2 OF 6

NO.	DATE	REVISION OR CHANGE ORDER DESCRIPTION	BY

TRAFFIC SIGNAL INVENTORY
LA 1248 AT CONSTANTIN BLVD/
MALL DR 1 AT MALL RING RD

LA 3604 TO LA 1248 PHASE II

DOTD — Stantec



BACKPLATES: YES ☒ NO ☐ | SIGNAL HEAD HEIGHT: 18 FT

SKETCH OF INTERSECTION | NOT TO SCALE

INTERSECTION: LA 1248 (BLUEBONNET BLVD) AT CONSTANTIN BLVD/ MALL DRIVE 1 AT MALL RING ROAD | TSI #: 17-341 | PAGE 5 OF 11

GM GROUND MOUNTED CABINET & CONTROLLER
PM POLE MOUNTED CABINET & CONTROLLER
SIGNAL POWER PEDESTAL W/ DISCONNECT
S1 OVERHEAD SIGN & NO.
S1 GROUND MOUNT SIGN & NO.
PARALLEL PARKING
POWER SOURCE
WOOD POLE
METAL POLE
UTILITY POLE
MAST ARM
SPAN WIRE
STOP BAR
PEDESTAL MOUNT SIGNAL & NO.
SIGNAL FACE & NO.
SIGNAL FACE WITH ARROWS & NO.
PEDESTRIAN SIGNAL & NO.
PED BUTTON & SIGN
WIRELESS INTERCONNECT
PED CROSS WALK
LOOP DETECTOR & NO.
VIDEO DETECTION ZONE & NO.
V1 VIDEO DETECTION
IRU1 INTEGRATED RADAR UNIT
EMERGENCY PREEMPTION DETECTOR
VDS WIRELESS VDS RECIEVER
M1A WIRELESS VDS
BB BATTERY BACKUP

EXISTING SPEED LIMITS

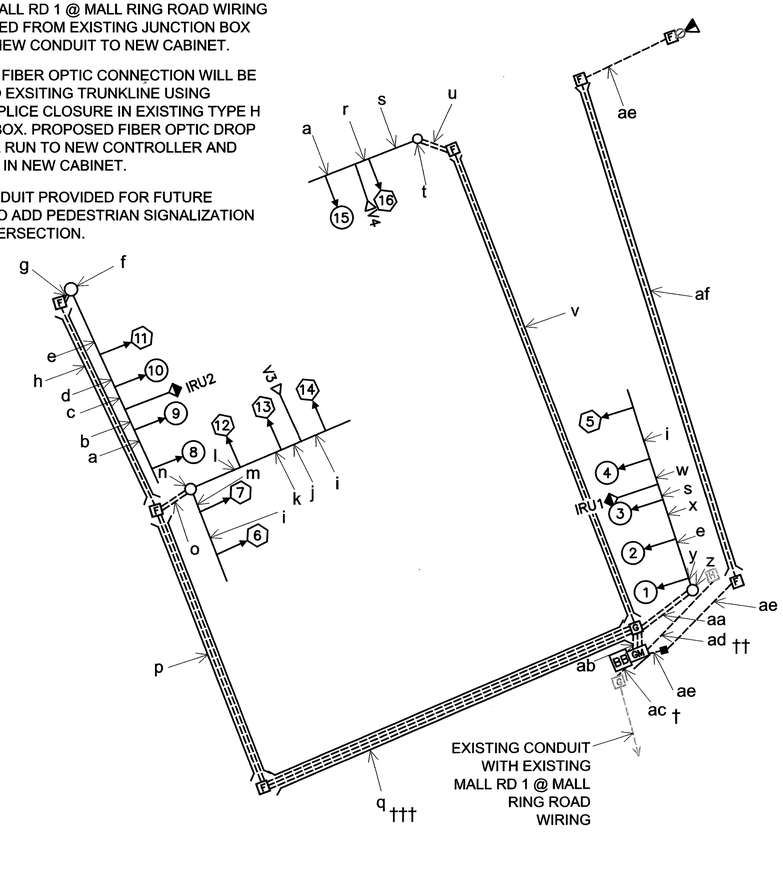
LA 1248 - 40 MPH
CONSTANTIN BLVD- 40 MPH
MALL DRIVE 1 - 25 MPH

SIGNAL FACES	1,2,3,4,8 9,10,15		5,6,7,14		13			11,12,16			
TOTALS	8		4		1			3			
DK = DARK R = RED Y = YELLOW G = GREEN <G = GREEN ARROW <Y = YELLOW ARROW <SY = STEADY YELLOW ARROW <FY = FLASHING YELLOW ARROW 8" = 8" DIA. LENS 12" = 12" DIA. LENS OP = OPTICALLY PROGRAMED LENS	R Y G	R Y G	R <Y <G	R <Y <G	R Y <G G	R Y G G	R Y Y G G	R Y Y G G	R <SY <FY	R SY FY G	PED 88

† EXISTING MALL RD 1 @ MALL RING ROAD WIRING TO BE PULLED FROM EXISTING JUNCTION BOX THROUGH NEW CONDUIT TO NEW CABINET.

†† PROPOSED FIBER OPTIC CONNECTION WILL BE SPLICED TO EXSITING TRUNKLINE USING EXISTING SPLICE CLOSURE IN EXISTING TYPE H JUNCTION BOX. PROPOSED FIBER OPTIC DROP CABLE WILL RUN TO NEW CONTROLLER AND TERMINATE IN NEW CABINET.

††† EXTRA CONDUIT PROVIDED FOR FUTURE PROJECT TO ADD PEDESTRIAN SIGNALIZATION TO THE INTERSECTION.



WIRING DIAGRAM | NOT TO SCALE

INTERSECTION: LA 1248 (BLUEBONNET BLVD) AT CONSTANTIN BLVD/ MALL DRIVE 1 AT MALL RING ROAD | TSI #: 17-341 | PAGE 6 OF 11

POWER SOURCE
WOOD POLE
METAL POLE
UTILITY POLE
MAST ARM
SPAN WIRE
PM POLE MOUNTED CABINET & CONTROLLER
GM GROUND MOUNTED CABINET & CONTROLLER
SIGNAL POWER PEDESTAL W/ DISCONNECT
WIRELESS INTERCONNECT
M1A WIRELESS VDS
VDS WIRELESS VDS RECIEVER
D4 VIDEO DETECTION ZONE & NO.
V1 VIDEO DETECTION
IRU1 INTEGRATED RADAR UNIT
EMERGENCY PREEMPTION DETECTOR
D4 LOOP DETECTOR & NO.
CABLES IN JACKED OR BORED CONDUIT
TRENCHED AND BACKFILLED CONDUIT
F SIGNAL JUNCTION BOX
BB BATTERY BACKUP
SIGNAL FACE & NO.
SIGNAL FACE WITH ARROWS & NO.
PEDESTAL MOUNT SIGNAL & NO.
PEDESTRIAN SIGNAL & NO.
PED BUTTON & SIGN
S1 OVERHEAD SIGN & NO.

SIGNAL WIRING TABLE

WIRING CODE	WIRING TYPE								INTERCONNECT			CONDUIT		TYPE
	VIDEO	LOOP	2CLL	2C	MAG	3C POWER	3C	6C	10C	7C	Wireless	6 PAIR	FIBER	NO.	SIZE	
a							1									OH
b							2									OH
c	1						2									OH
d	1						3									OH
e	1						3	1								OH
f	1						3	1								IP
g	1						1	2						2	3"	TB
h	1						1	2						1	3"	JB
i								1								OH
j	1							1								OH
k	1							2								OH
l	1							3								OH
m								2								OH
n	1							5								IP
o	1							5						2	3"	TB
p	2						1	7						2	3"	JB
q	2						1	7						3	3"	JB
r	1						1									OH
s	1						1	1								OH
t	1						1	1								IP
u	1						1	1						2	3"	TB
v	1						1	1						1	3"	JB
w							1	1								OH
x	1						2	1								OH
y	1						4	1								OH
z	1						4	1								IP
aa	1							3						2	3"	TB
ab	4						2	11						3	3"	TB
ac	PULL EXISTING MALL ROAD 1 @ MALL RING ROAD WIRING TO NEW CABINET													1	3"	TB
ad													1	1	2"	TB
ae						1								1	3"	TB
af						1								1	3"	JB

OH - OVERHEAD JB - JACK OR BORE TB - TRENCH AND BACKFILL SC- SAW CUT IP - INSIDE POLE EX - EXISTING

WIRING CODE TABLE VERSION 3.2

STATE OF LOUISIANA
JOSEPH M. LEFANTE
License No. 37244
PROFESSIONAL ENGINEER IN CIVIL ENGINEERING
12/31/23

SHEET NUMBER	103
PARISH	EAST BATON ROUGE
CONTROL SECTION	000-17
STATE PROJECT	H.012232
DESIGNED JPB CHECKED JML	
DETAILED JPB CHECKED MJD	
SERIES NUMBER	3 OF 6

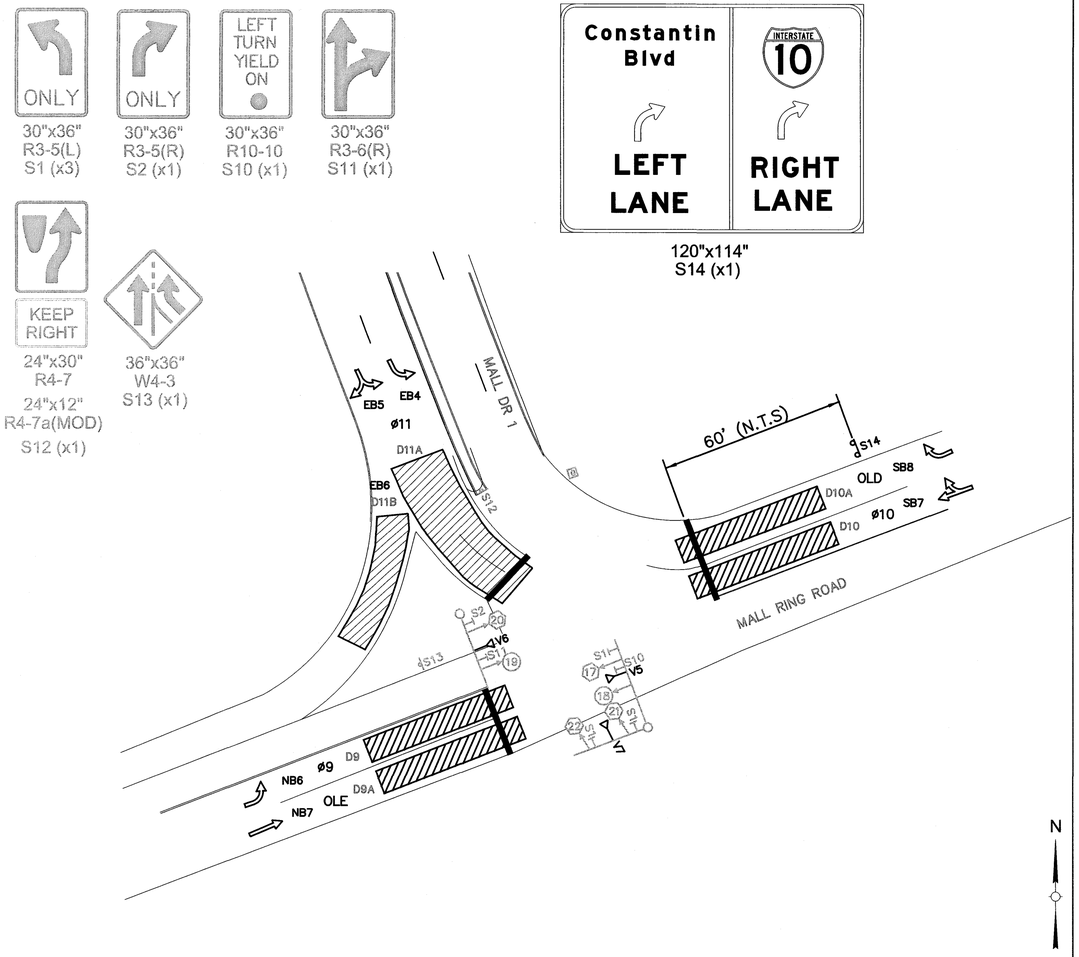
NO.	REVISION OR CHANGE ORDER DESCRIPTION	BY	DATE

TRAFFIC SIGNAL INVENTORY
LA 1248 AT CONSTANTIN BLVD/
MALL DR 1 AT MALL RING RD

LA 3604 TO LA 1248 PHASE II

BOTD

Stantec



BACKPLATES: YES ☐ NO ☒ | SIGNAL HEAD HEIGHT: 18 FT | SKETCH OF INTERSECTION | NOT TO SCALE

INTERSECTION: LA 1248 (BLUEBONNET BLVD) AT CONSTANTIN BLVD/ MALL DRIVE 1 AT MALL RING ROAD | TSI #: 17-341 | PAGE 7 OF 11

GM GROUND MOUNTED CABINET & CONTROLLER
PM POLE MOUNTED CABINET & CONTROLLER
SIGNAL POWER PEDESTAL W/ DISCONNECT
S1 OVERHEAD SIGN & NO.
S1 GROUND MOUNT SIGN & NO.
PARALLEL PARKING
POWER SOURCE
WOOD POLE
METAL POLE
UTILITY POLE
MAST ARM
SPAN WIRE
STOP BAR
PEDESTAL MOUNT SIGNAL & NO.
SIGNAL FACE & NO.
SIGNAL FACE WITH ARROWS & NO.
PEDESTRIAN SIGNAL & NO.
PED BUTTON & SIGN
WIRELESS INTERCONNECT
PED CROSS WALK
D4 LOOP DETECTOR & NO.
D4 VIDEO DETECTION ZONE & NO.
V1 VIDEO DETECTION
IRU1 INTEGRATED RADAR UNIT
EMERGENCY PREEMPTION DETECTOR
VDS WIRELESS VDS RECIEVER
M1A WIRELESS VDS
BB BATTERY BACKUP

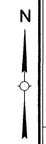
EXISTING SPEED LIMITS

LA 1248 - 40 MPH
CONSTANTIN BLVD- 40 MPH
MALL DRIVE 1 - 25 MPH

SIGNAL FACES	18,19		21,22				17	20			
TOTALS	2		2				1	1			
DK = DARK R = RED Y = YELLOW G = GREEN ⟨G = GREEN ARROW ⟨Y = YELLOW ARROW ⟨SY = STEADY YELLOW ARROW ⟨FY = FLASHING YELLOW ARROW 8" = 8" DIA. LENS 12" = 12" DIA. LENS OP = OPTICALLY PROGRAMED LENS	R Y G	R Y G	R Y ⟨G	R Y ⟨G	R Y ⟨G G	R Y G G	R Y Y G G	R Y Y G G	R ⟨SY ⟨FY	R SY FY G	PED 88

NOTE:

INTERSECTION OPERATES ON THE SAME CONTROLLER AS TSI #17-341 LA 1248 AT CONSTANTIN BLVD. EXISTING SIGNAL HEADS AND SIGNS TO REMAIN. EXISTING VIDEO DETECTION CAMERAS AND EMERGENCY PREEMPTION SYSTEM TO BE REMOVED. NEW VIDEO CAMERAS TO BE INSTALLED THAT ARE CONSISTENT WITH THE PROPOSED SYSTEM AT BLUEBONNET BLVD AND CONSTANTIN BLVD. WIRING FOR NEW VIDEO DETECTION CAMERAS TO BE PULLED THROUGH EXISTING CONDUIT AND JUNCTION BOXES.



WIRING DIAGRAM | NOT TO SCALE

INTERSECTION: LA 1248 (BLUEBONNET BLVD) AT CONSTANTIN BLVD/ MALL DRIVE 1 AT MALL RING ROAD | TSI #: 17-341 | PAGE 8 OF 11

POWER SOURCE
WOOD POLE
METAL POLE
UTILITY POLE
MAST ARM
SPAN WIRE
SIGNAL FACE & NO.
SIGNAL FACE WITH ARROWS & NO.
PEDESTAL MOUNT SIGNAL & NO.
PEDESTRIAN SIGNAL & NO.
PED BUTTON & SIGN
S1 OVERHEAD SIGN & NO.
PM POLE MOUNTED CABINET & CONTROLLER
GM GROUND MOUNTED CABINET & CONTROLLER
SIGNAL POWER PEDESTAL W/ DISCONNECT
WIRELESS INTERCONNECT
M1A WIRELESS VDS
VDS WIRELESS VDS RECIEVER
D4 VIDEO DETECTION ZONE & NO.
V1 VIDEO DETECTION
IRU1 INTEGRATED RADAR UNIT
EMERGENCY PREEMPTION DETECTOR
D4 LOOP DETECTOR & NO.
CABLES IN JACKED OR BORED CONDUIT
TRENCHED AND BACKFILLED CONDUIT
F SIGNAL JUNCTION BOX
BB BATTERY BACKUP

STATE OF LOUISIANA
JOSEPH M. LEFANTE
License No. 37244
PROFESSIONAL ENGINEER IN CIVIL ENGINEERING
1/31/23

SHEET NUMBER 104

PARISH	CONTROL SECTION	STATE PROJECT
EAST BATON ROUGE	000-17	H.012232

DESIGNED	DETAILED	SERIES NUMBER
JPB	JPB	4 OF 6
CHECKED	CHECKED	
JML	MJD	

NO.	REVISION OR CHANGE ORDER DESCRIPTION	BY	DATE

TRAFFIC SIGNAL INVENTORY
LA 1248 AT CONSTANTIN BLVD/
MALL DR 1 AT MALL RING RD

LA 3604 TO LA 1248 PHASE II

DOTD

Stantec

TRAFFIC SIGNAL INVENTORY (v3.2)

TSI NO. 17-341

LOUISIANA DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT — PAGE: 9 OF 11

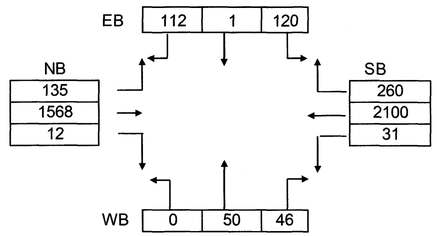
Intersection: LA 1248 (BLUEBONNET BLVD) AT CONSTANTIN/MALL DRIVE 1 AT MALL RING ROAD

TRAFFIC VOLUMES - VPH - LA 1278 AT CONSTANTIN

AM PEAK HOUR: 7:30:00 AM to 8:30:00 AM

Count Date: 2021 Estimate

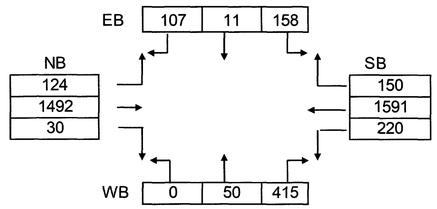
PHF:



MIDDAY PEAK HOUR: 11:30:00 AM to 12:30:00 PM

Count Date: 2021 Estimate

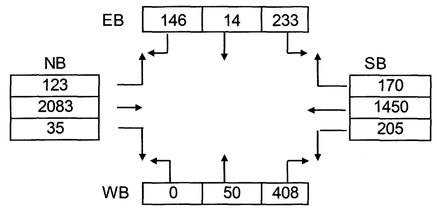
PHF:



PM PEAK HOUR: 4:30:00 PM to 5:30:00 PM

Count Date: 2021 Estimate

PHF:



Detector #	Delay(s)	Extends(s)	Phase	Equipment	Lane #	Size	Type
D1			Φ1	Video	NB1	1-6x50	Stopbar
D2			Φ2	Video	SB3-SB5	1-30x50	Stopbar
D2A			Φ2	Video	SB6	1-6x50	Stopbar
D2B			Φ2	Radar	SB3	1-6x6	Setback
D2C			Φ2	Radar	SB4	1-6x6	Setback
D2D			Φ2	Radar	SB5	1-6x6	Setback
D4A			Φ4	Video	WB1	1-6x50	Stopbar
D4B			Φ4	Video	WB2	1-6x50	Stopbar
D5			Φ5,Φ11	Video	SB1-SB2	1-18x50	Stopbar
D6			Φ6	Video	NB2-NB4	1-30x50	Stopbar
D6A			Φ6	Video	NB5	1-6x50	Counting
D6B			Φ6	Radar	NB2	1-6x6	Setback
D6C			Φ6	Radar	NB3	1-6x6	Setback
D6D			Φ6	Radar	NB4	1-6x6	Setback

TRAFFIC SIGNAL INVENTORY (v3.2)

TSI NO. 17-341

LOUISIANA DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT — PAGE: 10 OF 11

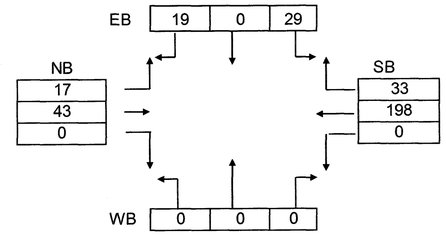
Intersection: LA 1248 (BLUEBONNET BLVD) AT CONSTANTIN/MALL DRIVE 1 AT MALL RING ROAD

TRAFFIC VOLUMES - VPH - MALL DRIVE 1 AT MALL RING ROAD

AM PEAK HOUR: 7:30:00 AM to 8:30:00 AM

Count Date: 2021 Estimate

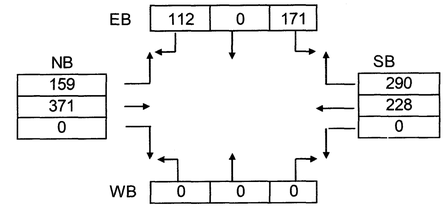
PHF:



MIDDAY PEAK HOUR: 11:30:00 AM to 12:30:00 PM

Count Date: 2021 Estimate

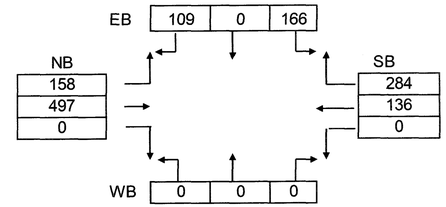
PHF:



PM PEAK HOUR: 4:30:00 PM to 5:30:00 PM

Count Date: 2021 Estimate

PHF:



Detector #	Delay(s)	Extends(s)	Phase	Equipment	Lane #	Size	Type
D8			Φ8,Φ11	Video	EB1-EB2	1-18x50	Stopbar
D8A			Φ8	Video	EB3	1-6x50	Stopbar
D9			Φ9	Video	NB6	1-6x50	Stopbar
D9A			Φ9	Video	NB7	1-6x50	Stopbar
D10			Φ10	Video	SB7	1-6x50	Stopbar
D10A			Φ10	Video	SB8	1-6x50	Stopbar
D11A			Φ11	Video	EB4-EB5	1-18x50	Stopbar
D11B			Φ11	Video	EB6	1-6x50	Counting

STATE OF LOUISIANA
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1/31/23

SHEET NUMBER 105

PARISH	CONTROL SECTION	STATE PROJECT
EAST BATON ROUGE	000-17	H.012232

DESIGNED	DETAILED	SERIES NUMBER
JPB	JPB	5 OF 6
CHECKED JML	CHECKED MJD	

NO.	DATE	REVISION OR CHANGE ORDER DESCRIPTION	BY

TRAFFIC SIGNAL INVENTORY
LA 1248 AT CONSTANTIN BLVD/
MALL DR 1 AT MALL RING RD

LA 3604 TO LA 1248 PHASE II

DOTD

Stantec

TRAFFIC SIGNAL INVENTORY (v3.2)

TSI NO. 17-341

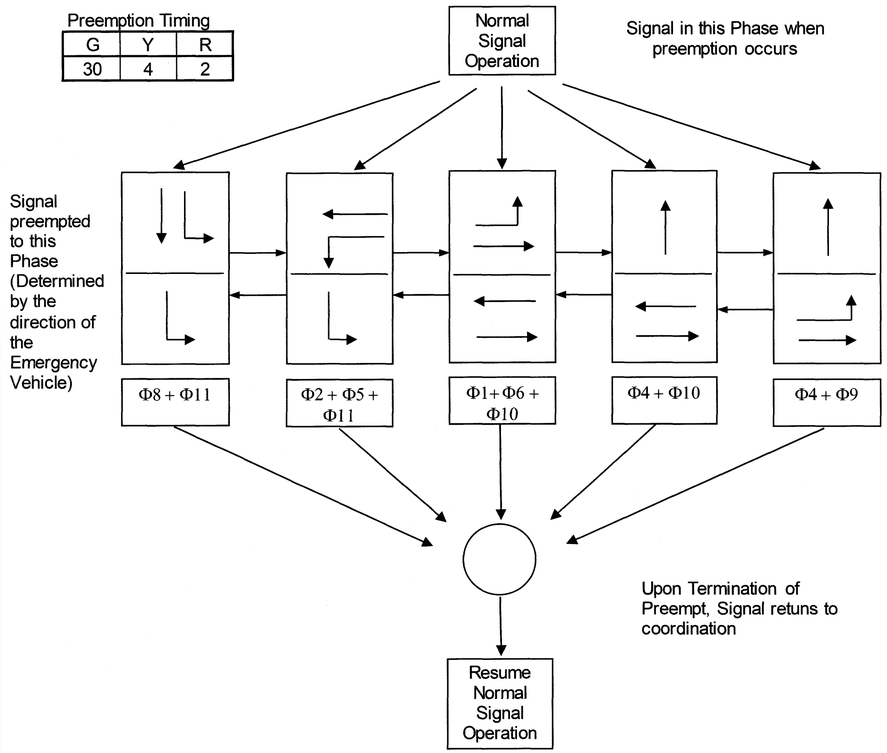
LOUISIANA DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT | PAGE: 11 OF 11

INTERSECTION: LA 1248 (BLUEBONNET BLVD) AT CONSTANTIN/MALL DRIVE 1 AT MALL RING ROAD

Emergency Preemption Sequence

Preemption Timing

G	Y	R
30	4	2



Note: Traffic Signal to run Coordination through Preemption

SPEC	NUMBER	DESCRIPTION	UNITS	Dijon
202-02-	40100	Removal of Traffic Signal Equipment	LS	LUMP
729-01-	00100	Sign (Type A)	SF	73.8
729-01-	00101	Sign (Type A)(Install)	SF	86
729-04-	00100	Sign (Type D)	SF	95
729-08-	00700	Mounting (W8 x 18 Post)	Ea	2
736-01-	00100	Trenching and Backfilling	LF	255
736-03-	00100	Jacking or Boring for Conduit	LF	555
736-05-	30000	Signal Heads (3 Section, 12 inch Led Lens, R, Y, G)	Ea	8
736-05-	31001	Signal Hds (3 Sec, 12 inch Led Lens, LT. R, LT. Y, LT. G)	Ea	4
736-05-	41000	Signal Heads (4 Section, 12 inch Led Lens, R, Y, LT. G, G)	Ea	1
736-05-	55000	Signal Heads (5 Section, 12 inch Led Lens, R, Y, RT. Y, G, RT. G)	Ea	3
736-08-	00102	Signal Controller (980 ATC, Type 2)(Furnish & Install)	Ea	1
736-10-	00300	Underground Junction Box (Type F)	Ea	7
736-10-	00400	Underground Junction Box (Type G)	Ea	1
736-11-	00200	Conduit (2" HDPE, Schedule 80)	LF	25
736-11-	00300	Conduit (3" HDPE, Schedule 80)	LF	1190
736-12-	03006	Conductor (3c, 6 gauge / #6 awg)	LF	290
736-12-	06014	Conductor (6c, #14 awg)	LF	925
736-12-	10014	Conductor (10c, #14 awg)	LF	2365
NS-736-	00001	GPS	Ea	1
NS-736-	00003	Ethernet Switch Managed	Ea	1
NS-736-	00130	TS-2 Traffic Signal Cabinet (Ground Mounted)	Ea	1
NS-736-	00133	Battery Back-up System for Traffic Signals	Ea	1
NS-ITS-	04035	Fiber Optic Fan Out Kits, SM, 12 Strand, Furnish & Install	Ea	1
NS-ITS-	04180	Fiber Optic Connection, Install, Splice	Ea	4
NS-ITS-	04200	Fiber Optic Connection, Termination, Furnish & Install	Ea	12
NS-ITS-	04250	Fiber Optic Drop Cable, SM, 12 Strand, Furnish & Install	Ea	100
NS-ITS-	04290	Fiber Optic Patch Cord, SM, 2 Strand, Furnish & Install	Ea	2
NS-ITS-	04425	Fiber Optic Connection Patch Panel, Outdoor, Furnish & Install	Ea	1
NS-ITS-	12000	Communication System Integration	LS	LUMP
NS-ITS-	13200	As-Builts	LS	LUMP
TS-736-	10300	Signal Support (Mast Arm Standard w/ 30 ft Arm)	Ea	1
TS-736-	10450	Signal Support (Mast Arm Standard w/ 45 ft Arm)	Ea	1
TS-736-	10550	Signal Support (Mast Arm Standard w/ 55 ft Arm)	Ea	2
TS-736-	11250	Additional Mast Arm (25 foot Arm)	Ea	1
TS-736-	15002	GPS Based Traffic Signal Preemption System (With Existing Fiber Communications)	Ea	1
TS-736-	36200	Video Detection System (7 Camera System)	Ea	1

NOTES:

A ALL WORK SHALL CONFORM TO LADOTD 2016 SPECIFICATIONS. MAST ARM POLES AND FOUNDATIONS, VIDEO DETECTION, AND EMERGENCY PREEMPTION TO FOLLOW EBR CITY–PARISH SPECIFICATIONS.

B ALL UTILITIES ARE NOT SHOWN. SIGNAL CONTRACTOR SHALL DETERMINE EXACT LOCATION OF EXISTING UTILITIES PRIOR TO INSTALLATION OF SIGNAL EQUIPMENT INCLUDING CONDUIT AND SIGNAL POLE FOUNDATIONS. SEE GENERAL NOTES FOR CONTACT NUMBERS. CITY OF BATON ROUGE TRAFFIC ENGINEERING AND LADOTD SHALL APPROVE FOUNDATION LOCATIONS PRIOR TO ORDERING THE MAST ARM/POLE.

C ALL SIGNAL WORK SHALL BE INSPECTED BY BOTH LADOTD AND CITY OF BATON ROUGE INSPECTORS BEFORE SIGNAL WORK IS ACCEPTED.

D EXISTING SPAN WIRE, SIGNAL HEADS, EMERGENCY PREEMPTION, SIGNS, VIDEO DETECTION CAMERAS, STRAIN POLES, AND ASSOCIATED WIRING AT THE INTERSECTION OF BLUEBONNET BLVD AND MALL DRIVE 1 TO BE REMOVED. EXISTING STREET NAME SIGNS TO BE RELOCATED TO NEW MAST ARMS UNLESS NEW STREET NAME SIGNS ARE PROVIDED BY THE CITY OF BATON ROUGE. CONTRACTOR SHALL CONTACT CITY TRAFFIC ENGINEER FOR DIRECTION PRIOR TO INSTALLING ANY STREET NAME SIGNS. REMOVED SPAN WIRE/ STRAIN POLES TO BE RETURNED TO LA DOTD DISTRICT 61 TRAFFIC SIGNAL SHOP FOREMAN AT 7686 TOM DRIVE BATON ROUGE, LA. PHONE NUMBER 225–231–4160. ANY EQUIPMENT THAT DOTD DOES NOT WANT SHOULD BE GIVEN TO CITY OF BATON ROUGE TRAFFIC SERVICES STATION AT 329 CHIPPEWA STREET.

E EXISTING SIGNAL HEADS AND SIGNAGE AT THE INTERSECTION OF MALL DRIVE 1 AND MALL RING ROAD TO REMAIN. EXISTING VIDEO DETECTION SYSTEM AND EMERGENCY PREEPMTION SYSTEM TO BE REMOVED. NEW VIDEO DETECTION CAMERAS TO BE INSTALLED. WIRING FOR THE NEW CAMERAS TO BE PULLED THROUGH EXISTING CONDUIT AND JUNCTION BOXES.

F CONTRACTOR TO TEST EXISTING FIBER PRIOR TO CONSTRUCTION.

G CONTRACTOR TO RUN NEW FIBER OPTIC DROP CABLE BETWEEN EXISTING TYPE H JUNCTION BOX AND PROPOSED TRAFFIC SIGNAL CONTROLLER CABINET.

H VIDEO DETECTION CAMERA SHALL BE PLACED SUCH THAT AERIAL CABLES AND OTHER OBSTRUCTIONS DO NOT INTERFERE WITH THE DETECTION CAPABILITIES OF THE CAMERA. THIS MAY REQUIRE A TALLER RISER MOUNTING POLE.

I THE EXISTING TRAFFIC SIGNAL SHALL OPERATE DURING THE CONSTRUCTION OF THE NEW EQUIPMENT. HOWEVER, IT IS ANTICIPATED THAT SIGNAL DOWN TIME WILL OCCUR. THE CONTRACTOR SHALL PROVIDE POLICE SUPERVISION (225–389–3874) OF TRAFFIC AT ANY TIME THE TRAFFIC SIGNAL SYSTEM IS NOT IN OPERATION. POLICE SUPERVISION SHALL CONTINUE UNTIL ALL EQUIPMENT HAS BEEN INSTALLED AND MADE OPERATIONAL IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS.

J FOR TIME OF DAY PATTERNS, THE SIGNAL WILL ONLY RUN HOLIDAY SPECIFIC TIMINGS FOR THE TIME SPECIFIED TIME PERIODS. ALL OTHER HOURS OF THE HOLIDAY WILL UTILIZE THE STANDARD PATTERNS FOR WEEKDAYS/WEEKENDS.

K A MINIMUM OF ONE PERSON WITH A LEVEL 1 IMSA CERTIFICATION IS REQUIRED ON SITE AT ALL TIMES FOR ALL WORK OUTSIDE OF A TRAFFIC SIGNAL CABINET.

L A LEVEL 2 IMSA CERTIFICATION IS REQUIRED FOR ALL WORK INSIDE A TRAFFIC SIGNAL CABINET.

M CONTRACTOR SHALL CONTACT SECTION 45 SIGNAL INSPECTORS AND SCHEDULE A BENCH TEST FOR THE FULLY FUNCTIONAL CABINET INCLUDING CONTROLLER AND MMU UNIT, AT THE SECTION 45 SIGNAL SHOP (7868 TOM DRIVE, BATON ROUGE 70806), A MINIMUM OF 7 DAYS BEFORE SIGNAL ACTIVATION. APPROVED TSI PLAN SHALL BE PROVIDED IN THE SIGNAL CABINET. AT LEAST ONE TECHNICAL CONTRACTOR REP MAY BE REQUIRED TO BE PRESENT FOR THE BENCH TESTING.

N CONTRACTOR TO PROVIDE CERTIFIED 980 ATC CONTROLLER. SEE CERTIFICATION: http://wwwsp.dotd.la.gov/Inside_LaDOTD/Divisions/Engineering/Traffic_Engineering/Traffic%20Control/Traffic%20Signal%20Controller%20Certification%202016.pdf

NOTES (CONT'D):

O CONTACTOR SHALL COORDINATE CLOSELY WITH EBR TRAFFIC DIVISION AND LADOTD ITS SECTION FOR ACCESS TO EXISTING ITS FIBER AND SHALL EXERCISE CAUTION WHEN HANDLING EXISTING FIBER. CONTACT LADOTD ITS SECTION FOR SPECIFIC FIBER ASSIGNMENTS PRIOR TO SPLICING NEW DROP CABLE INTO EXISTING LADOTD ITS 96 STRAND BACKBONE CABLE. CONTACTOR SHALL PROVIDE LADOTD ITS SECTION NOTIFICATION PRIOR TO STARTING SPLICING AND AFTER COMPLETION OF SPLICING TO VERIFY EXISTING COMMUNICATIONS ARE NOT IMPACTED. CONTRACTOR TO PROVIDE DETAILED FIBER SPLICING DIAGRAMS AS PART OF PAY ITEM AS–BUILTS NS–ITS–13200. CONTRACTOR TO PROVIDE A PDF OF ALL AS–BUILTS TO EBR TRAFFIC DIVISION AND LADOTD.

P ITEM 729–01–00101 INCLUDES INSTALLATION HARDWARE FOR 24 INCH STREET NAME SIGNS.

STATE OF LOUISIANA
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IN
CIVIL ENGINEERING
12/31/23

SHEET NUMBER 106

PARISH	CONTROL SECTION	STATE PROJECT
EAST BATON ROUGE	000-17	H.012232

DESIGNED	DETAILED	SERIES NUMBER
JPB	JPB	6 OF 6
CHECKED	CHECKED	
JML	MJD	

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

STATE OF LOUISIANA DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT

TRAFFIC SIGNAL INVENTORY
LA 1248 AT CONSTANTIN BLVD/
MALL DR 1 AT MALL RING RD

LA 3604 TO LA 1248 PHASE II

DOTD | Stantec

TRAFFIC SIGNAL INVENTORY (v3.2)

LOUISIANA DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT

TSI NO. 17-256 | PAGE: 1 OF 11

INTERSECTION: LA 1248 (BLUEBONNET BLVD) AT I-10		**CTRL SEC:** 258-33	**LOGMILE:** 5.761
CITY: Baton Rouge	**PARISH:** East Baton Rouge	**LAT:** 30.395136	**LONG:** -91.085816
SIGNAL TYPE: Volume Density	**INTERCONNECT TYPE:** GPS & Fiber	**REV. DATE:**	**INSTALL DATE:**
MAINTAINED BY: EBR DTD	**COORDINATED WITH TSI #'S:** C-168, 194, 195,183,181,17-256		

TRAFFIC SIGNAL COORDINATION PLANS (PHASING MAY VARY FROM FREE OPERATION)

Ring 1	Φ1	Turn										<G	<Y	<R							20,21
	Φ2	Thru	G	G	G	G	Y	R													14,15,16,17
	Φ4	Thru							G	Y	R										**19**
	Φ4	Turn							<G	<Y	<R										18
	Φ4	Turn							<G	–	–										**19**
Ring 2	Φ5	Turn				<G	<Y	<R													4,5
	Φ6	Thru	G	Y	R							G	G	G							10,11,12,13
	Φ8	Thru							G	Y	R										**8**
	Φ8	Turn							<G	<Y	<R										9
	Φ8	Turn							<G	–	–										**8**
OVERLAP	Φ2	OLA	G	G	G	G	Y	R													6,7
	Φ5,Φ6	OLB	G	G	G	G	Y	R				G	G	G							22,23
	Φ1,Φ8	OLC							G>	G>	G>	G>	Y>	R>							1,2,3
Int. Times			**35**	**5**	**1**	**32**	**5**	**2**	**14**	**5**	**2**	**42**	**5**	**2**							Signal Heads
Phasing			Φ2 + Φ6			Φ2 + Φ5			Φ4 + Φ8			Φ1 + Φ6									
Split		sec	80		90	80		39	21		21	49		90							
Coord Φ: Φ6 Max: MAX INHIBIT			Φ2 OLB			Φ2 OLB			Φ4			Φ1 OLB			I-10 WESTBOUND						Offset = 0 sec
Pattern/Split: 4 Action: 1			OLA Φ6			OLA Φ5			Φ8 OLC			OLC Φ6			I-10 EASTBOUND						Cycle Length: 150

Times of Operation: Mon. - Fri.: 1500-1800 Sat.: Sun.:

Notes:

Ring 1	Φ1	Turn										<G	<Y	<R							20,21
	Φ2	Thru	G	G	G	G	Y	R													14,15,16,17
	Φ4	Thru							G	Y	R										**19**
	Φ4	Turn							<G	<Y	<R										18
	Φ4	Turn							<G	–	–										**19**
Ring 2	Φ5	Turn				<G	<Y	<R													4,5
	Φ6	Thru	G	Y	R							G	G	G							10,11,12,13
	Φ8	Thru							G	Y	R										**8**
	Φ8	Turn							<G	<Y	<R										9
	Φ8	Turn							<G	–	–										**8**
OVERLAP	Φ2	OLA	G	G	G	G	Y	R													6,7
	Φ5,Φ6	OLB	G	G	G	G	Y	R				G	G	G							22,23
	Φ1,Φ8	OLC							G>	G>	G>	G>	Y>	R>							1,2,3
Int. Times			**38**	**5**	**1**	**26**	**5**	**2**	**13**	**5**	**2**	**16**	**5**	**2**							Signal Heads
Phasing			Φ2 + Φ6			Φ2 + Φ5			Φ4 + Φ8			Φ1 + Φ6									
Split		sec	77		67	77		33	20		20	23		67							
Coord Φ: Φ6 Max: MAX INHIBIT			Φ2 OLB			Φ2 OLB			Φ4			Φ1 OLB			I-10 WESTBOUND						Offset = 0 sec
Pattern/Split: 6 Action: 2			OLA Φ6			OLA Φ5			Φ8 OLC			OLC Φ6			I-10 EASTBOUND						Cycle Length: 120

Times of Operation: Mon. - Fri.: 0900-1500, 1800-2200, Black Friday: 1800-2200 Sat.: 0900-2200 Sun.: 1100-2200

Notes:

TRAFFIC SIGNAL INVENTORY (v3.2)

LOUISIANA DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT

TSI NO. 17-256 | PAGE: 2 OF 11

INTERSECTION: LA 1248 (BLUEBONNET BLVD) AT I-10		**CTRL SEC:** 258-33	**LOGMILE:** 5.761
CITY: Baton Rouge	**PARISH:** East Baton Rouge	**LAT:** 30.395136	**LONG:** -91.085816

TRAFFIC SIGNAL COORDINATION PLANS (PHASING MAY VARY FROM FREE OPERATION)

Ring 1	Φ1	Turn										<G	<Y	<R							20,21
	Φ2	Thru	G	G	G	G	Y	R													14,15,16,17
	Φ4	Thru							G	Y	R										**19**
	Φ4	Turn							<G	<Y	<R										18
	Φ4	Turn							<G	–	–										**19**
Ring 2	Φ5	Turn				<G	<Y	<R													4,5
	Φ6	Thru	G	Y	R							G	G	G							10,11,12,13
	Φ8	Thru							G	Y	R										**8**
	Φ8	Turn							<G	<Y	<R										9
	Φ8	Turn							<G	–	–										**8**
OVERLAP	Φ2	OLA	G	G	G	G	Y	R													6,7
	Φ5,Φ6	OLB	G	G	G	G	Y	R				G	G	G							22,23
	Φ1,Φ8	OLC							G>	G>	G>	G>	Y>	R>							1,2,3
Int. Times			**33**	**5**	**1**	**16**	**5**	**2**	**22**	**5**	**2**	**17**	**5**	**2**							Signal Heads
Phasing			Φ2 + Φ6			Φ2 + Φ5			Φ4 + Φ8			Φ1 + Φ6									
Split		sec	62		63	62		23	29		29	24		63							
Coord Φ: Φ6 Max: MAX INHIBIT			Φ2 OLB			Φ2 OLB			Φ4			Φ1 OLB			I-10 WESTBOUND						Offset = 0 sec
Pattern/Split: 12 Action: 3			OLA Φ6			OLA Φ5			Φ8 OLC			OLC Φ6			I-10 EASTBOUND						Cycle Length: 115

Times of Operation: Mon. - Fri.: 0000-0900, 2200-0000, Black Friday:2200-0000 Sat.: 0000-0900, 2200-0000 Sun.: 0000-1100, 2200-0000

Notes:

Ring 1	Φ1	Turn										<G	<Y	<R							20,21
	Φ2	Thru	G	G	G	G	Y	R													14,15,16,17
	Φ4	Thru							G	Y	R										**19**
	Φ4	Turn							<G	<Y	<R										18
	Φ4	Turn							<G	–	–										**19**
Ring 2	Φ5	Turn				<G	<Y	<R													4,5
	Φ6	Thru	G	Y	R							G	G	G							10,11,12,13
	Φ8	Thru							G	Y	R										**8**
	Φ8	Turn							<G	<Y	<R										9
	Φ8	Turn							<G	–	–										**8**
OVERLAP	Φ2	OLA	G	G	G	G	Y	R													6,7
	Φ5,Φ6	OLB	G	G	G	G	Y	R				G	G	G							22,23
	Φ1,Φ8	OLC							G>	G>	G>	G>	Y>	R>							1,2,3
Int. Times			**24**	**5**	**1**	**28**	**5**	**2**	**26**	**5**	**2**	**45**	**5**	**2**							Signal Heads
Phasing			Φ2 + Φ6			Φ2 + Φ5			Φ4 + Φ8			Φ1 + Φ6									
Split		sec	65		82	65		35	33		33	52		82							
Coord Φ: Φ6 Max: MAX INHIBIT			Φ2 OLB			Φ2 OLB			Φ4			Φ1 OLB			I-10 WESTBOUND						Offset = 0 sec
Pattern/Split: 24 Action: 4			OLA Φ6			OLA Φ5			Φ8 OLC			OLC Φ6			I-10 EASTBOUND						Cycle Length: 150

Times of Operation: Black Friday: 1500-1800 Sat.: Sun.:

Notes:

SHEET NUMBER 107

PARISH	CONTROL SECTION	STATE PROJECT
EAST BATON ROUGE	450-10	H.012232

DESIGNED	CHECKED	DETAILED	CHECKED	SERIES NUMBER
JPB	JML	JPB	MJD	1 OF 6

NO.	DATE	REVISION OR CHANGE ORDER DESCRIPTION	BY

TRAFFIC SIGNAL INVENTORY
LA 1248 AT I-10

LA 3604 TO LA 1248 PHASE II

DOTD Stantec

TRAFFIC SIGNAL INVENTORY (v3.2)

LOUISIANA DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT

TSI NO. 17-256 | PAGE: 3 OF 11

INTERSECTION: LA 1248 (BLUEBONNET BLVD) AT I-10 | **CTRL SEC:** 258-33 | **LOGMILE:** 5.761

CITY: Baton Rouge | **PARISH:** East Baton Rouge | **LAT:** 30.395136 | **LONG:** -91.085816

TRAFFIC SIGNAL COORDINATION PLANS (PHASING MAY VARY FROM FREE OPERATION)

Ring 1	Φ1	Turn										<G	<Y	<R					20,21
	Φ2	Thru	G	G	G	G	Y	R											14,15,16,17
	Φ4	Thru							G	Y	R								**19**
	Φ4	Turn							<G	<Y	<R								18
	Φ4	Turn							<G	–	–								**19**
Ring 2	Φ5	Turn				<G	<Y	<R											4,5
	Φ6	Thru	G	Y	R							G	G	G					10,11,12,13
	Φ8	Thru							G	Y	R								**8**
	Φ8	Turn							<G	<Y	<R								9
	Φ8	Turn							<G	–	–								**8**
OVERLAP	Φ2	OLA	G	G	G	G	Y	R											6,7
	Φ5,Φ6	OLB	G	G	G	G	Y	R				G	G	G					22,23
	Φ1,Φ8	OLC							G>	G>	G>	G>	Y>	R>					1,2,3
Int. Times			**14**	**5**	**1**	**18**	**5**	**2**	**33**	**5**	**2**	**28**	**5**	**2**					Signal Heads
Phasing			Φ2 + Φ6			Φ2 + Φ5			Φ4 + Φ8			Φ1 + Φ6							
Split		sec	45		55	45		25	40		40	35		55					
Coord Φ:	Φ6		Φ2		OLB	Φ2		OLB		Φ4		Φ1		OLB	I-10 WESTBOUND				Offset = 0 sec
Max: MAX INHIBIT																			
Pattern/Split:	26		OLA		Φ6	OLA		Φ5		Φ8 OLC		OLC		Φ6	I-10 EASTBOUND				Cycle Length: 120
Action:	5																		

Times of Operation: Black Friday: 0900-1500 Sat.: Sun.:

Notes:

Ring 1	Φ1	Turn										<G	<Y	<R					20,21
	Φ2	Thru	G	G	G	G	Y	R											14,15,16,17
	Φ4	Thru							G	Y	R								**19**
	Φ4	Turn							<G	<Y	<R								18
	Φ4	Turn							<G	–	–								**19**
Ring 2	Φ5	Turn				<G	<Y	<R											4,5
	Φ6	Thru	G	Y	R							G	G	G					10,11,12,13
	Φ8	Thru							G	Y	R								**8**
	Φ8	Turn							<G	<Y	<R								9
	Φ8	Turn							<G	–	–								**8**
OVERLAP	Φ2	OLA	G	G	G	G	Y	R											6,7
	Φ5,Φ6	OLB	G	G	G	G	Y	R				G	G	G					22,23
	Φ1,Φ8	OLC							G>	G>	G>	G>	Y>	R>					1,2,3
Int. Times			**24**	**5**	**1**	**13**	**5**	**2**	**38**	**5**	**2**	**13**	**5**	**2**					Signal Heads
Phasing			Φ2 + Φ6			Φ2 + Φ5			Φ4 + Φ8			Φ1 + Φ6							
Split		sec	50		50	50		20	45		45	20		50					
Coord Φ:	Φ6		Φ2		OLB	Φ2		OLB		Φ4		Φ1		OLB	I-10 WESTBOUND				Offset = 0 sec
Max: MAX INHIBIT																			
Pattern/Split:	22		OLA		Φ6	OLA		Φ5		Φ8 OLC		OLC		Φ6	I-10 EASTBOUND				Cycle Length: 115
Action:	6																		

Times of Operation: Black Friday: 0000-0900 Sat.: Sun.:

Notes:

TRAFFIC SIGNAL INVENTORY (v3.2)

LOUISIANA DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT

TSI NO. 17-256 | PAGE: 4 OF 11

Intersection: LA 1248 (BLUEBONNET BLVD) AT I-10

Phasing Parameters

Phase Mode / STD8	Force Off: / Float	Phase #: / Movement: / RANGE(sec)	1	2	3	4	5	6	7	8
PARAMETER			↰	↓	↱	←	↳	↑	↱	→
MIN GREEN (MIN I)		0 - 99	7	20		10	7	20		10
GAP, EXTENSION		0 - 10	2	4.5		2	2	6		2
MAX GREEN I (MAX I)		0 - 255	30	90		21	33	90		21
MAX GREEN II (MAX II)		0 - 255	50	120		40	50	102		40
YELLOW CLEARANCE (YEL)		3 - 7	5	5		5	5	5		5
RED CLEARANCE (RED)		1 - 4	2	1		2	2	1		2
WALK (WALK)		0 - 100								
PED CLEARANCE (P CLR)		0 - 100								
ADDED INITIAL GREEN		0 - 10								
MAXIMUM INITIAL		0 - 255								
TIME BEFORE REDUCTION		0 - 255		15				15		
TIME TO REDUCE		0 - 255		15				15		
REDUCE BY		0 - 99								
MINIMUM GAP		0 - 10		2				2		
DYNAMIC MAX LIMIT		0 - 255								
DYNAMIC MAX STEP		0 - 25								
RECALL		MIN/MAX		MIN				MIN		
PEDESTRIAN CALL		ON/OFF								
LOCK CALLS		ON/OFF								
SOFT RECALLS		ON/OFF								
REST IN WALK		ON/OFF								
DUAL ENTRY		ON/OFF								

ADDITIONAL SIGNAL CONTROLLER SETTINGS

TRAFFIC SIGNAL FREE OPERATION PHASING WHEN ALL PHASES ARE CALLED

Ring 1	Φ1	Turn										<G	<Y	<R					20,21
	Φ2	Thru	G	G	G	G	Y	R											14,15,16,17
	Φ4	Thru							G	Y	R								**19**
	Φ4	Turn							<G	<Y	<R								18
	Φ4	Turn							<G	–	–								**19**
Ring 2	Φ5	Turn				<G	<Y	<R											4,5
	Φ6	Thru	G	Y	R							G	G	G					10,11,12,13
	Φ8	Thru							G	Y	R								**8**
	Φ8	Turn							<G	<Y	<R								9
	Φ8	Turn							<G	–	–								**8**
OVERLAP	Φ2	OLA	G	G	G	G	Y	R											6,7
	Φ5,Φ6	OLB	G	G	G	G	Y	R				G	G	G					22,23
	Φ1,Φ8	OLC							G>	G>	G>	G>	Y>	R>					1,2,3
Phasing			Φ2 + Φ6			Φ2 + Φ5			Φ4 + Φ8			Φ1 + Φ6							Signal Heads
Max: MAX 1			Φ2		OLB	Φ2		OLB		Φ4		Φ1		OLB	I-10 WESTBOUND				Pattern/Split: 254
Sequence #: 14																			
Action:	10		OLA		Φ6	OLA		Φ5		Φ8 OLC		OLC		Φ6	I-10 EASTBOUND				

Times of Operation: Mon. - Fri.: Sat.: Sun.:

Notes:

STATE OF LOUISIANA
JOSEPH M. LEFANTE
License No. 37244
PROFESSIONAL ENGINEER
IN
CIVIL ENGINEERING
1/31/23

SHEET NUMBER 108

PARISH: EAST BATON ROUGE | CONTROL SECTION: 450-10 | STATE PROJECT: H.012232

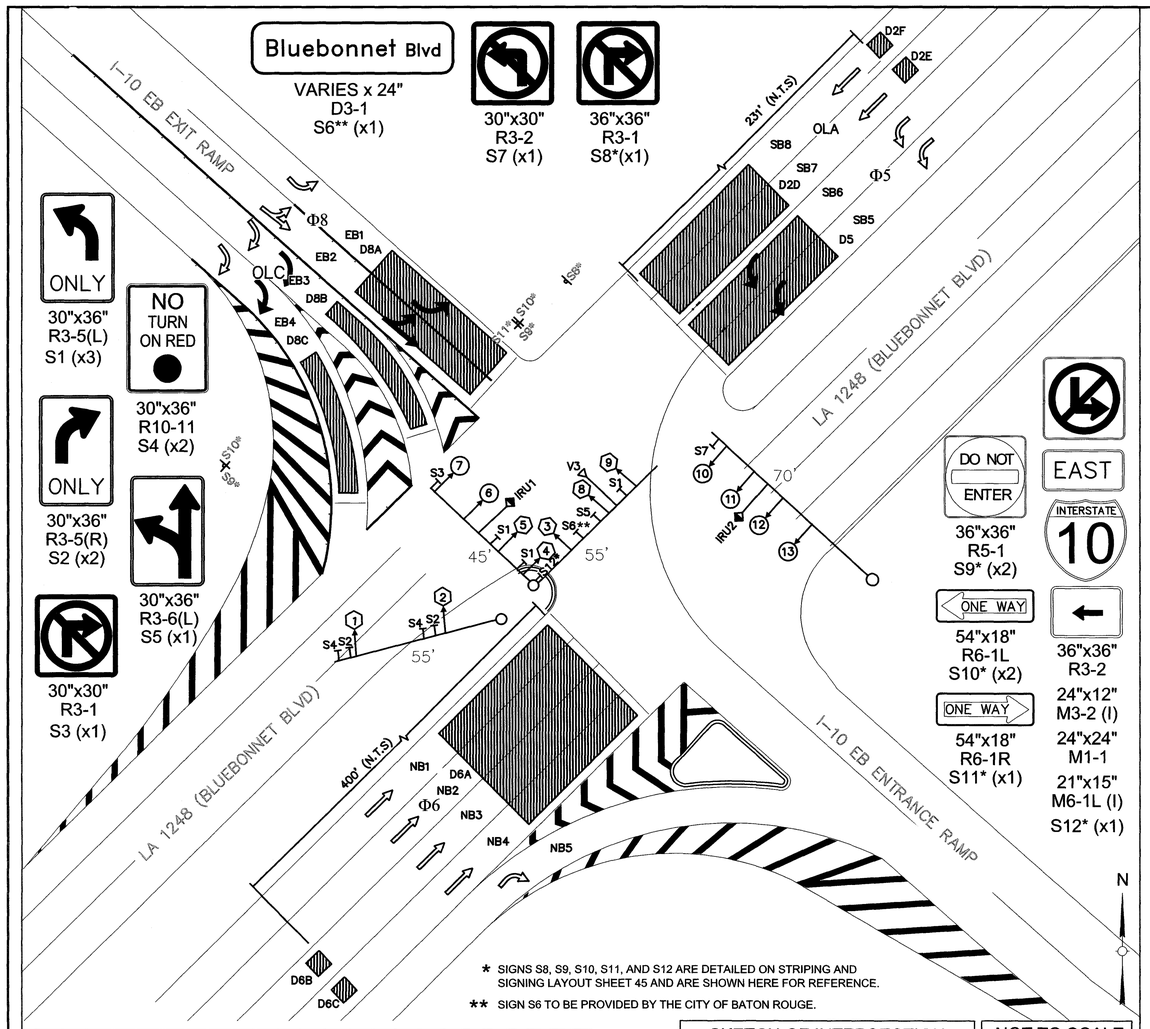
DESIGNED JPB | CHECKED JML | DETAILED JPB | CHECKED MJD | SERIES NUMBER 2 OF 6

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

TRAFFIC SIGNAL INVENTORY
LA 1248 AT I-10

LA 3604 TO LA 1248 PHASE II

DOTD | Stantec



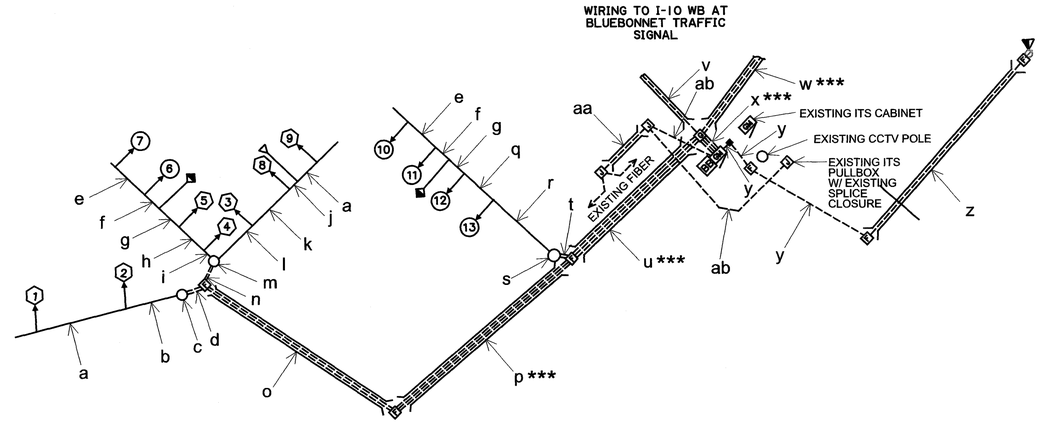
BACKPLATES: YES ☒ NO ☐ | SIGNAL HEAD HEIGHT: 18 FT | SKETCH OF INTERSECTION | NOT TO SCALE

INTERSECTION: LA 1248 (BLUEBONNET BLVD) AT I-10 | TSI #: 17-256 | PAGE 5 OF 11

GM GROUND MOUNTED CABINET & CONTROLLER
PM POLE MOUNTED CABINET & CONTROLLER
SIGNAL POWER PEDESTAL W/ DISCONNECT
S1 OVERHEAD SIGN & NO.
S1 GROUND MOUNT SIGN & NO.
PARALLEL PARKING
POWER SOURCE
WOOD POLE
METAL POLE
UTILITY POLE
MAST ARM
SPAN WIRE
STOP BAR
PEDESTAL MOUNT SIGNAL & NO.
SIGNAL FACE & NO.
SIGNAL FACE WITH ARROWS & NO.
PEDESTRIAN SIGNAL & NO.
PED BUTTON & SIGN
WIRELESS INTERCONNECT
PED CROSS WALK
D4 LOOP DETECTOR & NO.
D4 VIDEO DETECTION ZONE & NO.
V1 VIDEO DETECTION
IRU1 INTEGRATED RADAR UNIT
EMERGENCY PREEMPTION DETECTOR
VDS WIRELESS VDS RECIEVER
M1A WIRELESS VDS
BB BATTERY BACKUP

EXISTING SPEED LIMITS
LA 1248 - 40 MPH
I-10 EB RAMP - 45 MPH

SIGNAL FACES	6,7,10 11,12,13		4,5,9	1,2,3	8						
TOTALS	6		3	3	1						
DK = DARK R = RED Y = YELLOW G = GREEN <G = GREEN ARROW <Y = YELLOW ARROW <SY = STEADY YELLOW ARROW <FY = FLASHING YELLOW ARROW 8" = 8" DIA. LENS 12" = 12" DIA. LENS OP = OPTICALLY PROGRAMED LENS	R Y G	R Y G	R Y G	R Y G	R Y G G	R Y G G	R Y Y G G	R Y Y G G	R SY FY	R SY FY G	PED 88



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*** EXTRA CONDUIT PROVIDED FOR FUTURE PROJECT TO ADD PEDESTRIAN SIGNALIZATION TO THE INTERSECTION.

WIRING DIAGRAM | NOT TO SCALE

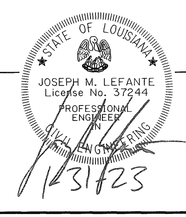
INTERSECTION: LA 1248 (BLUEBONNET BLVD) AT I-10 | TSI #: 17-256 | PAGE 6 OF 11

POWER SOURCE
WOOD POLE
METAL POLE
UTILITY POLE
MAST ARM
SPAN WIRE
PM POLE MOUNTED CABINET & CONTROLLER
GM GROUND MOUNTED CABINET & CONTROLLER
SIGNAL POWER PEDESTAL W/ DISCONNECT
WIRELESS INTERCONNECT
M1A WIRELESS VDS
VDS WIRELESS VDS RECIEVER
D4 VIDEO DETECTION ZONE & NO.
V1 VIDEO DETECTION
IRU1 INTEGRATED RADAR UNIT
EMERGENCY PREEMPTION DETECTOR
D4 LOOP DETECTOR & NO.
CABLES IN JACKED OR BORED CONDUIT
TRENCHED AND BACKFILLED CONDUIT
F SIGNAL JUNCTION BOX
BB BATTERY BACKUP
SIGNAL FACE & NO.
SIGNAL FACE WITH ARROWS & NO.
PEDESTAL MOUNT SIGNAL & NO.
PEDESTRIAN SIGNAL & NO.
PED BUTTON & SIGN
S1 OVERHEAD SIGN & NO.

SIGNAL WIRING TABLE

WIRING CODE	WIRING TYPE								INTERCONNECT				CONDUIT		TYPE
	VIDEO	LOOP	2CLL	2C	MAG	3C POWER	3C	6C	10C	CAT 6	Wireless	6 PAIR	FIBER	NO.	SIZE	
a									1							OH
b									2							OH
c									2							IP
d									2					2	3"	TB
e								1								OH
f								2								OH
g	1							2								OH
h	1							2	1							OH
i	1							2	2							OH
j	1								1							OH
k	1								2							OH
l	1								3							OH
m	2							2	5							IP
n	2								6					2	3"	TB
o	2								8					2	3"	JB
p	2								8					3	3"	JB
q	1							3								OH
r	1							4								OH
s	1							4								IP
t	1								2					2	3"	TB
u	3								10					3	3"	JB
v	2								2						SEE SHEET 110	
w	2								5						SEE SHEET 110	
x	7								17					5	3"	TB
y						1								1	3"	TB
z						1								1	3"	JB
aa														2	1 3"	JB
ab														1	1 3"	TB

OH - OVERHEAD JB - JACK OR BORE TB - TRENCH AND BACKFILL SC- SAW CUT IP - INSIDE POLE
WIRING CODE TABLE VERSION 3.2

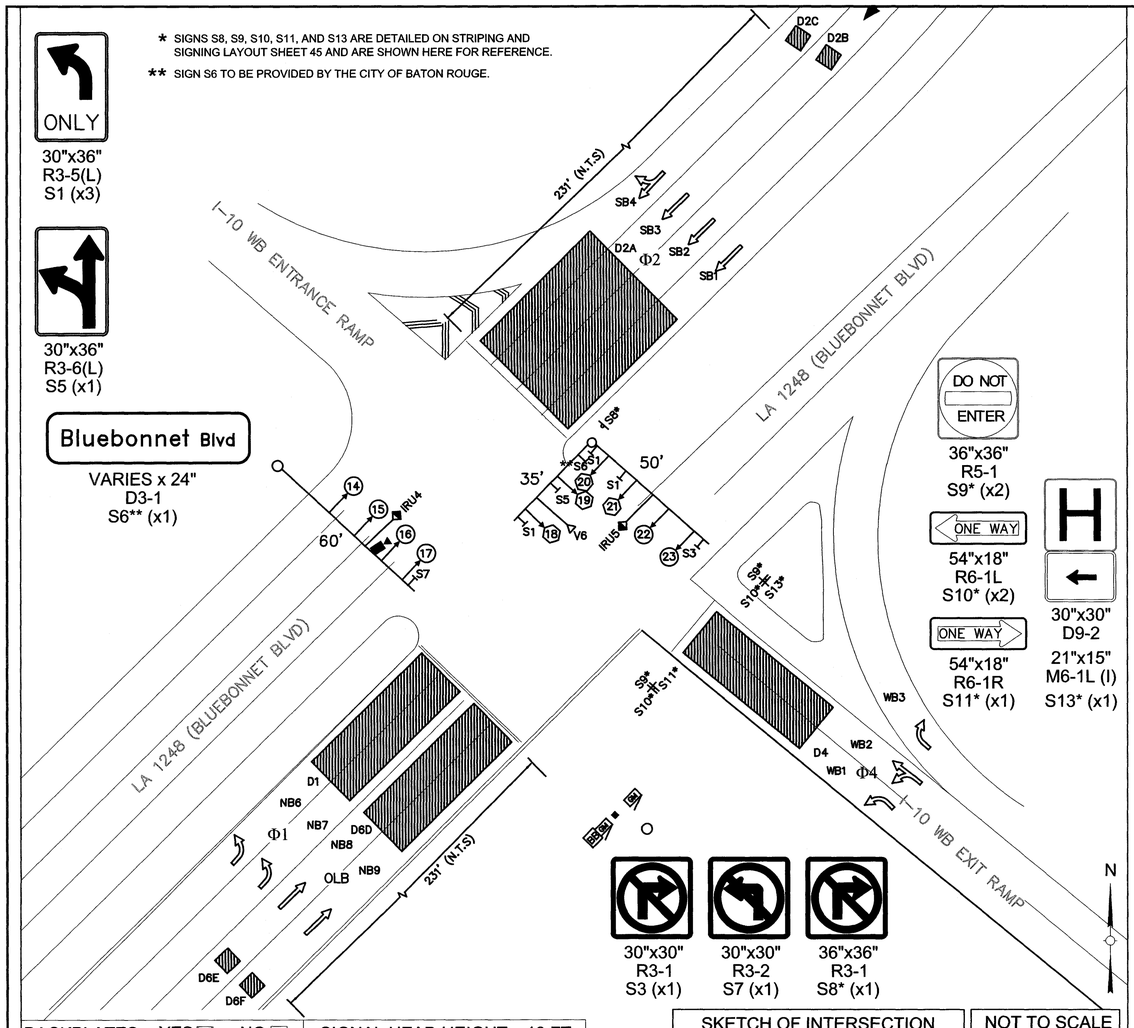


SHEET NUMBER	109
PARISH	EAST BATON ROUGE
CONTROL SECTION	450-10
STATE PROJECT	H.012232
DESIGNED JPB	
CHECKED JML	
DETAILED JPB	
CHECKED MJD	
SERIES NUMBER	3 OF 6

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

TRAFFIC SIGNAL INVENTORY
LA 1248 AT I-10
LA 3604 TO LA 1248 PHASE II

DOTD | Stantec



BACKPLATES: YES ☒ NO ☐ | SIGNAL HEAD HEIGHT: 18 FT | SKETCH OF INTERSECTION | NOT TO SCALE

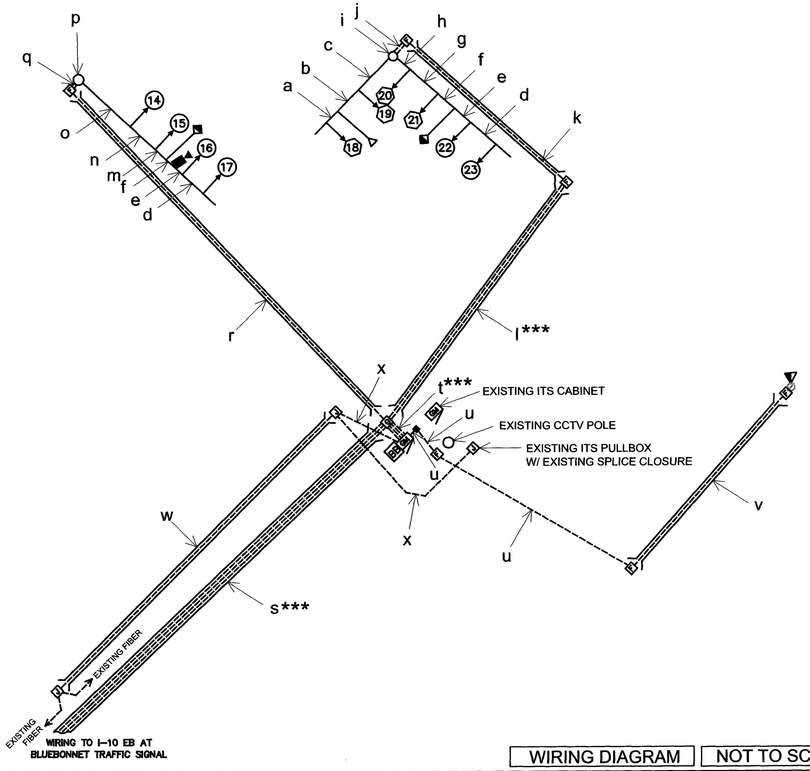
INTERSECTION: LA 1248 (BLUEBONNET BLVD) AT I-10 | TSI #: 17-256 | PAGE 7 OF 11

GM GROUND MOUNTED CABINET & CONTROLLER
PM POLE MOUNTED CABINET & CONTROLLER
SIGNAL POWER PEDESTAL W/ DISCONNECT
S1 OVERHEAD SIGN & NO.
S1 GROUND MOUNT SIGN & NO.
PARALLEL PARKING
POWER SOURCE
WOOD POLE
METAL POLE
UTILITY POLE
MAST ARM
SPAN WIRE
STOP BAR
PEDESTAL MOUNT SIGNAL & NO.
SIGNAL FACE & NO.
SIGNAL FACE WITH ARROWS & NO.
PEDESTRIAN SIGNAL & NO.
PED BUTTON & SIGN
WIRELESS INTERCONNECT
PED CROSS WALK
D4 LOOP DETECTOR & NO.
D4 VIDEO DETECTION ZONE & NO.
V1 VIDEO DETECTION
IRU1 INTEGRATED RADAR UNIT
EMERGENCY PREEMPTION DETECTOR
VDS WIRELESS VDS RECIEVER
M1A WIRELESS VDS
BB BATTERY BACKUP

EXISTING SPEED LIMITS
LA 1248 - 40 MPH
I-10 WB RAMP - 45 MPH

SIGNAL FACES	14,15,16,17 22,23		18,20,21		19						
TOTALS	6		3		1						
DK = DARK R = RED Y = YELOW G = GREEN <G = GREEN ARROW <Y = YELLOW ARROW <SY = STEADY YELLOW ARROW <FY = FLASHING YELLOW ARROW 8" = 8" DIA. LENS 12" = 12" DIA. LENS OP = OPTICALLY PROGRAMED LENS	R Y G	R Y G	R Y G	R Y G	R Y G G	R Y G G	R Y Y G G	R Y Y G G	R SY FY	R SY FY G	PED 88

*** EXTRA CONDUIT PROVIDED FOR FUTURE PROJECT TO ADD PEDESTRIAN SIGNALIZATION TO THE INTERSECTION.



WIRING DIAGRAM | NOT TO SCALE

INTERSECTION: LA 1248 (BLUEBONNET BLVD) AT I-10 | TSI #: 17-256 | PAGE 8 OF 11

POWER SOURCE
WOOD POLE
METAL POLE
UTILITY POLE
MAST ARM
SPAN WIRE
PM POLE MOUNTED CABINET & CONTROLLER
GM GROUND MOUNTED CABINET & CONTROLLER
SIGNAL POWER PEDESTAL W/ DISCONNECT
WIRELESS INTERCONNECT
M1A WIRELESS VDS
VDS WIRELESS VDS RECIEVER
D4 VIDEO DETECTION ZONE & NO.
V1 VIDEO DETECTION
IRU1 INTEGRATED RADAR UNIT
EMERGENCY PREEMPTION DETECTOR
D4 LOOP DETECTOR & NO.
CABLES IN JACKED OR BORED CONDUIT
TRENCHED AND BACKFILLED CONDUIT
F SIGNAL JUNCTION BOX
BB BATTERY BACKUP
SIGNAL FACE & NO.
SIGNAL FACE WITH ARROWS & NO.
PEDESTAL MOUNT SIGNAL & NO.
PEDESTRIAN SIGNAL & NO.
PED BUTTON & SIGN
S1 OVERHEAD SIGN & NO.

SIGNAL WIRING TABLE

WIRING CODE	WIRING TYPE								INTERCONNECT				CONDUIT		TYPE
	VIDEO	LOOP	2CLL	2C	MAG	3C POWER	3C	6C	10C	CAT 6	Wireless	6 PAIR	FIBER	NO.	SIZE	
a									1							OH
b	1								1							OH
c	1								2							OH
d								1								OH
e								2								OH
f	1							2								OH
g	1							2	1							OH
h	1							2	2							OH
i	2							2	4							IP
j	2								5					2	3"	TB
k	2								5					1	3"	JB
l	2								5					2	3"	JB
m	2							2								OH
n	2							3								OH
o	2							4								OH
p	2							4								IP
q	2								2					2	3"	TB
r	2								2					1	3"	JB
s	3								10					SEE SHEET 109		
t	7								17					SEE SHEET 109		
u						1								SEE SHEET 109		
v						1								SEE SHEET 109		
w													2	SEE SHEET 109		
x													1	SEE SHEET 109		

OH - OVERHEAD JB - JACK OR BORE TB - TRENCH AND BACKFILL SC- SAW CUT IP - INSIDE POLE

WIRING CODE TABLE VERSION 3.2

STATE OF LOUISIANA
JOSEPH M. LEFANTE
License No. 37244
PROFESSIONAL ENGINEER
IN
CIVIL ENGINEERING
12/31/23

SHEET NUMBER 110

PARISH	CONTROL SECTION	STATE PROJECT
EAST BATON ROUGE	450-10	H.012232

DESIGNED	DETAILED	SERIES NUMBER
JPB	JPB	4 OF 6
CHECKED	CHECKED	
JML	MJD	

NO.	REVISION OR CHANGE ORDER DESCRIPTION	DATE	BY

TRAFFIC SIGNAL INVENTORY
LA 1248 AT I-10
LA 3604 TO LA 1248 PHASE II

DOTD
Stantec

TRAFFIC SIGNAL INVENTORY (v3.2)

TSI NO. 17-256

LOUISIANA DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT — PAGE 9 OF 11

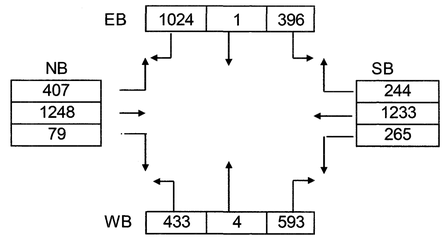
Intersection: LA 1248 (BLUEBONNET BLVD) AT I-10

TRAFFIC VOLUMES -

AM PEAK HOUR: 7:30:00 AM to 8:30:00 AM

Count Date: 2021 Estimate

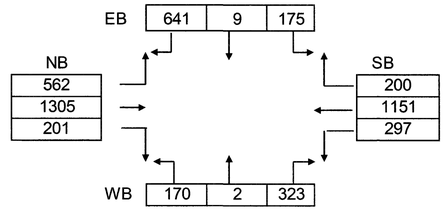
PHF: _____



MIDDAY PEAK HOUR: 11:30:00 AM to ##########

Count Date: 2021 Estimate

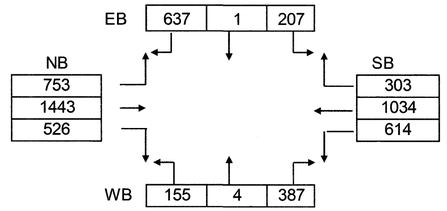
PHF: _____



PM PEAK HOUR: 4:30:00 PM to 5:30:00 PM

Count Date: 2021 Estimate

PHF: _____



Detector #	Delay(s)	Extends(s)	Phase	Equipment	Lane #	Size	Type
D1			Φ1	Video	NB6-7	1-18x50	Stopbar
D2A			Φ2	Video	SB1-4	1-42x50	Stopbar
D2B			Φ2	Radar	SB3	1-6x6	Setback
D2C			Φ2	Radar	SB4	1-6x6	Setback
D2D			Φ2	Video	SB7-8	1-18x50	Stopbar
D2E			Φ2	Radar	SB7	1-6x6	Setback
D2F			Φ2	Radar	SB8	1-6x6	Setback
D4			Φ4	Video	WB1-2	1-18x50	Stopbar
D5			Φ5	Video	SB5-6	1-18x50	Stopbar
D6A			Φ6	Video	NB1-4	1-42x50	Stopbar
D6B			Φ6	Radar	NB3	1-6x6	Setback
D6C			Φ6	Radar	NB4	1-6x6	Setback
D6D			Φ6	Video	NB8-9	1-18x50	Stopbar
D6E			Φ6	Radar	NB8	1-6x6	Setback

TRAFFIC SIGNAL INVENTORY (v3.2)

LOUISIANA DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT

TSI NO. 17-256 — PAGE 10 OF 11

Intersection: LA 1248 (BLUEBONNET BLVD) AT I-10

Detection Parameters

Detector #	Delay(s)	Extend(s)	Phase	Equipment	Lane #	Size	Type
D6F			Φ6	Radar	NB9	1-6x6	Setback
D8A			Φ8	Video	EB1-2	1-18x50	Stopbar
D8B			Φ8	Video	EB3	1-6x50	Stopbar
D8C			Φ8	Video	EB4	1-6x50	Stopbar

Notes:

SHEET NUMBER 111

PARISH: EAST BATON ROUGE | CONTROL SECTION: 450-10 | STATE PROJECT: H.012232

DESIGNED JPB CHECKED JWL | DETAILED JPB CHECKED MJD | SERIES NUMBER 5 OF 6

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

TRAFFIC SIGNAL INVENTORY
LA 1248 AT I-10
LA 3604 TO LA 1248 PHASE II

DOTD | Stantec

TRAFFIC SIGNAL INVENTORY (v3.2) | **TSI NO. 17-256**

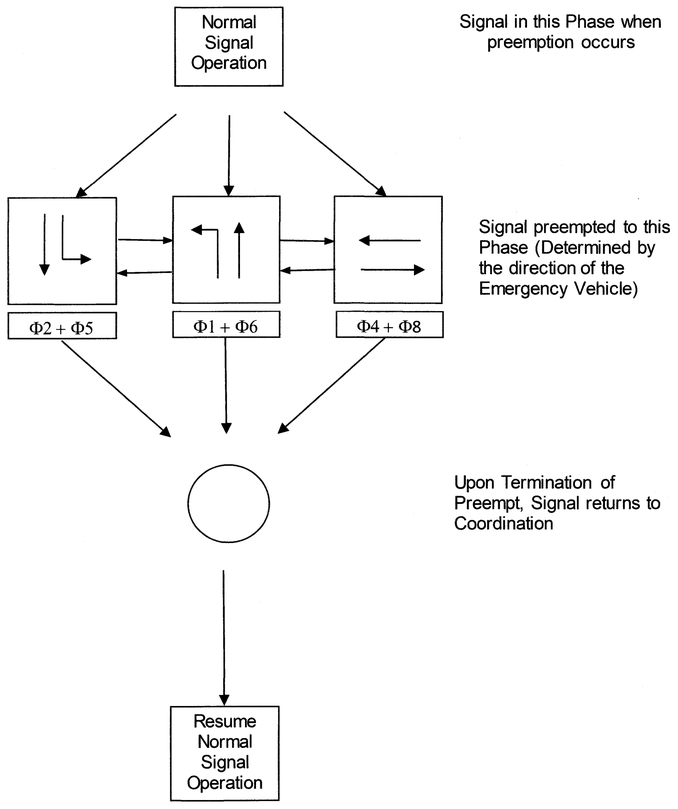
LOUISIANA DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT | PAGE: 11 OF 11

INTERSECTION: LA 1248 (BLUEBONNET BLVD) AT I-10

Emergency Preemption Sequence

Preemption Timing

G	Y	R
30	5	1.5



Note: Traffic Signal to run Coordination through Preemption

SPEC	NUMBER	DESCRIPTION	UNITS	I-10
202-02-	40100	Removal of Traffic Signal Equipment	LS	LUMP
729-01-	00100	Sign (Type A)	SF	115
729-01-	00101	Sign (Type A)(Install)	SF	44
736-01-	00100	Trenching and Backfilling	LF	485
736-03-	00100	Jacking or Boring for Conduit	LF	1020
736-05-	30000	Signal Heads (3 Section, 12 inch Led Lens, R, Y, G)	Ea	12
736-05-	31001	Signal Hds (3 Sec, 12 inch Led Lens, LT. R, LT. Y, LT. G)	Ea	6
736-05-	35001	Signal Hds (3 Sec, 12 inch Led Lens, RT. R, RT. Y, RT. G)	Ea	3
736-05-	41000	Signal Heads (4 Section, 12 inch Led Lens, R, Y, LT. G, G)	Ea	2
736-06-	00100	Signal Service	Ea	1
736-06-	00500	Signal Service Pedestal Disconnect	Ea	1
736-08-	00102	Signal Controller (980 ATC, Type 2)(Furnish & Install)	Ea	1
736-10-	00300	Underground Junction Box (Type F)	Ea	9
736-10-	00400	Underground Junction Box (Type G)	Ea	1
736-10-	00700	Underground Junction Box (Type J)	Ea	2
736-11-	00300	Conduit (3" HDPE, Schedule 80)	LF	2600
736-12-	03006	Conductor (3c, 6 gauge / #6 awg)	LF	370
736-12-	06014	Conductor (6c, #14 awg)	LF	1025
736-12-	10014	Conductor (10c, #14 awg)	LF	6860
NS-736-	00001	GPS	Ea	1
NS-736-	00003	Ethernet Switch Managed	Ea	1
NS-736-	00130	TS-2 Traffic Signal Cabinet (Ground Mounted)	Ea	1
NS-736-	00133	Battery Back-up System for Traffic Signals	Ea	1
NS-ITS-	01121	CCTV Camera Assembly, Furnish and Install with PTZ, Digital	Ea	1
NS-ITS-	04035	Fiber Optic Fan Out Kits, SM, 12 Strand, Furnish & Install	Ea	2
NS-ITS-	04180	Fiber Optic Connection, Install, Splice	Ea	8
NS-ITS-	04200	Fiber Optic Connection, Termination, Furnish & Install	Ea	24
NS-ITS-	04250	Fiber Optic Drop Cable, SM, 12 Strand, Furnish & Install	LF	580
NS-ITS-	04290	Fiber Optic Patch Cord SM, 2 Strand, Furnish & Install	Ea	2
NS-ITS-	04360	Fiber Optic Connection Splice Tray, Furnish & Install	Ea	2
NS-ITS-	04425	Fiber Optic Connection Patch Panel, Outdoor, Furnish & Install	Ea	2
NS-ITS-	05025	Splice Closure, Outdoor, Furnish & Install	Ea	1
NS-ITS-	12000	Communication System Integration	LS	LUMP
NS-ITS-	13200	As-Builts	LS	LUMP
TS-736-	10500	Signal Support (Mast Arm Standard w/ 50 ft. Arm)	Ea	1
TS-736-	10550	Signal Support (Mast Arm Standard w/ 55 ft. Arm)	Ea	2
TS-736-	10600	Signal Support (Mast Arm Standard w/ 60 ft. Arm)	Ea	1
TS-736-	10700	Signal Support (Mast Arm Standard w/ 70 ft. Arm)	Ea	1
TS-736-	11350	Additional Mast Arm (35 ft. arm)	Ea	1
TS-736-	11450	Additional Mast Arm (45 ft. arm)	Ea	1
TS-736-	15002	GPS Based Traffic Signal Preemption System (With Existing Fiber Communications)	Ea	1
TS-736-	36200	Video Detection System (6 Camera System)	Ea	1

NOTES:

A ALL WORK SHALL CONFORM TO LADOTD 2016 SPECIFICATIONS. MAST ARM POLES AND FOUNDATIONS, VIDEO DETECTION, AND EMERGENCY PREEMPTION TO FOLLOW EBR CITY–PARISH SPECIFICATIONS.

B ALL UTILITIES ARE NOT SHOWN. SIGNAL CONTRACTOR SHALL DETERMINE EXACT LOCATION OF EXISTING UTILITIES PRIOR TO INSTALLATION OF SIGNAL EQUIPMENT INCLUDING CONDUIT AND SIGNAL POLE FOUNDATIONS. SEE GENERAL NOTES FOR CONTACT NUMBERS. CITY OF BATON ROUGE TRAFFIC ENGINEERING AND LADOTD SHALL APPROVE FOUNDATION LOCATIONS PRIOR TO ORDERING THE MAST ARM/POLE.

C ALL SIGNAL WORK SHALL BE INSPECTED BY BOTH LADOTD AND CITY OF BATON ROUGE INSPECTORS BEFORE SIGNAL WORK IS ACCEPTED.

D EXISTING SPAN WIRE, SIGNAL HEADS, EMERGENCY PREEMPTION, SIGNS, STRAIN POLES, AND ASSOCIATED WIRING AT THE INTERSECTION OF BLUEBONNET BLVD AND I–10 TO BE REMOVED. EXISTING STREET NAME SIGNS TO BE RELOCATED TO NEW MAST ARMS UNLESS NEW STREET NAME SIGNS ARE PROVIDED BY THE CITY OF BATON ROUGE. CONTRACTOR SHALL CONTACT CITY TRAFFIC ENGINEER FOR DIRECTION PRIOR TO INSTALLING ANY STREET NAME SIGNS. REMOVED SPAN WIRE/ STRAIN POLES TO BE RETURNED TO LA DOTD DISTRICT 61 TRAFFIC SIGNAL SHOP FOREMAN AT 7686 TOM DRIVE BATON ROUGE, LA. PHONE NUMBER 225–231–4160. ANY EQUIPMENT THAT DOTD DOES NOT WANT SHOULD BE GIVEN TO CITY OF BATON ROUGE TRAFFIC SERVICES STATION AT 329 CHIPPEWA STREET.

E INSTALL NEW SIGNS, EMERGENCY PREEMPTION PHASE DETECTORS, VIDEO DETECTION CAMERAS, AND SIGNAL HEADS. NEW SIGNAL HEADS SHALL BE DARK OLIVE GREEN PER LADOTD SPECIFICATIONS WITH BLACK BACK PLATE WITH YELLOW RETROREFLECTIVE STRIPE.

F CONTRACTOR TO PROVIDE CERTIFIED 980 ATC CONTROLLER. SEE CERTIFICATION: http://wwwsp.dotd.la.gov/Inside_LaDOTD/Divisions/Engineering/Traffic_Engineering/Traffic%20Control/Traffic%20Signal%20Controller%20Certification%202016.pdf

G EXISTING "DO NOT ENTER", "ONE WAY", AND "HOSPITAL" SIGNS MOUNTED TO THE EXISTING SIGNAL POLES TO BE REPLACED WITH GROUND MOUNTED SIGNS. SEE STRIPING AND SIGNING LAYOUT SHEETS.

H THE EXISTING TRAFFIC SIGNAL SHALL OPERATE DURING THE CONSTRUCTION OF THE NEW EQUIPMENT. HOWEVER, IT IS ANTICIPATED THAT SIGNAL DOWN TIME WILL OCCUR. THE CONTRACTOR SHALL PROVIDE POLICE SUPERVISION (225–389–3874) OF TRAFFIC AT ANY TIME THE TRAFFIC SIGNAL SYSTEM IS NOT IN OPERATION. POLICE SUPERVISION SHALL CONTINUE UNTIL ALL EQUIPMENT HAS BEEN INSTALLED AND MADE OPERATIONAL IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS.

I CONTRACTOR TO TEST EXISTING FIBER PRIOR TO CONSTRUCTION.

K CONTRACTOR TO INSTALL NEW TYPE J JUNCTION BOX WITH NEW SPLICE CLOSURE IN LOCATION OF EXISTING JUNCTION BOX. INSTALL TWO DROP CABLES, ONE EACH TO THE PROPOSED TRAFFIC SIGNAL CONTROLLER CABINET AND THE EXISTING ITS CABINET.

L VIDEO DETECTION CAMERA SHALL BE PLACED SUCH THAT AERIAL CABLES AND OTHER OBSTRUCTIONS DO NOT INTERFERE WITH THE DETECTION CAPABILITIES OF THE CAMERA. THIS MAY REQUIRE A TALLER RISER MOUNTING POLE.

M FOR TIME OF DAY PATTERNS, THE SIGNAL WILL ONLY RUN HOLIDAY SPECIFIC TIMINGS FOR THE TIME SPECIFIED TIME PERIODS. ALL OTHER HOURS OF THE HOLIDAY WILL UTILIZE THE STANDARD PATTERNS FOR WEEKDAYS/WEEKENDS.

N CONTRACTOR SHALL CONTACT SECTION 45 SIGNAL INSPECTORS AND SCHEDULE A BENCH TEST FOR THE FULLY FUNCTIONAL CABINET INCLUDING CONTROLLER AND MMU UNIT, AT THE SECTION 45 SIGNAL SHOP (7868 TOM DRIVE, BATON ROUGE 70806), A MINIMUM OF 7 DAYS BEFORE SIGNAL ACTIVATION. APPROVED TSI PLAN SHALL BE PROVIDED IN THE SIGNAL CABINET. AT LEAST ONE TECHNICAL CONTRACTOR REP MAY BE REQUIRED TO BE PRESENT FOR THE BENCH TESTING.

O A MINIMUM OF ONE PERSON WITH A LEVEL 1 IMSA CERTIFICATION IS REQUIRED ON SITE AT ALL TIMES FOR ALL WORK OUTSIDE OF A TRAFFIC SIGNAL CABINET.

P A LEVEL 2 IMSA CERTIFICATION IS REQUIRED FOR ALL WORK INSIDE A TRAFFIC SIGNAL CABINET.

NOTES (CONT'D):

Q CONTACTOR SHALL COORDINATE CLOSELY WITH EBR TRAFFIC DIVISION AND LADOTD ITS SECTION FOR ACCESS TO EXISTING ITS FIBER AND SHALL EXERCISE CAUTION WHEN HANDLING EXISTING FIBER. CONTACT LADOTD ITS SECTION FOR SPECIFIC FIBER ASSIGNMENTS PRIOR TO SPLICING NEW DROP CABLE INTO EXISTING LADOTD ITS 96 STRAND BACKBONE CABLE. CONTACTOR SHALL PROVIDE LADOTD ITS SECTION NOTIFICATION PRIOR TO STARTING SPLICING AND AFTER COMPLETION OF SPLICING TO VERIFY EXISTING COMMUNICATIONS ARE NOT IMPACTED. CONTRACTOR TO PROVIDE DETAILED FIBER SPLICING DIAGRAMS AS PART OF PAY ITEM AS–BUILTS NS–ITS–13200. CONTRACTOR TO PROVIDE A PDF OF ALL AS–BUILTS TO EBR TRAFFIC DIVISION AND LADOTD.

R ITEM 729–01–00101 INCLUDES INSTALLATION HARDWARE FOR 24 INCH STREET NAME SIGNS.

STATE OF LOUISIANA
JOSEPH M. LEFANTE
License No. 37244
PROFESSIONAL ENGINEER IN CIVIL ENGINEERING
12/31/23

SHEET NUMBER 112

PARISH: EAST BATON ROUGE | CONTROL SECTION: 450-10 | STATE PROJECT: H.012232

DESIGNED JPB | CHECKED JML | DETAILED JPB | CHECKED MJD | SERIES NUMBER 6 OF 6

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

SIGNAL LAYOUT
LA 1248 AT I-10
LA 3604 TO LA 1248 PHASE II

DOTD | Stantec

TRAFFIC SIGNAL INVENTORY (v3.2)

LOUISIANA DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT

TSI NO. TBD

PAGE: 1 OF 4

INTERSECTION: CONSTANTIN BLVD AT MIDWAY DR		**CTRL SEC:** 000-17	**LOGMILE:** N/A
CITY: Baton Rouge	**PARISH:** East Baton Rouge	**LAT:** 30.399237	**LONG:** -91.094017
SIGNAL TYPE: Fully Actuated Controller	**INTERCONNECT TYPE:** Isolated	**REV. DATE:**	**INSTALL DATE:**
MAINTAINED BY: EBR DTD	**COORDINATED WITH TSI #'S:**		

Phasing Parameters

Phase Mode STD8 / Force Off: Float / PARAMETER	Phase #: Movement: RANGE(sec)	1 ← →	2 ↕						
MIN GREEN (MIN I)	0 - 99	20							
GAP, EXTENSION	0 - 10	4							
MAX GREEN I (MAX I)	0 - 255	60							
MAX GREEN II (MAX II)	0 - 255	90							
YELLOW CLEARANCE (YEL)	3 - 7	5.0	0.0						
RED CLEARANCE (RED)	1 - 4	6.0	0.0						
WALK (WALK)	0 - 100		7.0						
PED CLEARANCE (P CLR)	0 - 100		21.0						
ADDED INITIAL GREEN	0 - 10								
MAXIMUM INITIAL	0 - 255								
TIME BEFORE REDUCTION	0 - 255								
TIME TO REDUCE	0 - 255								
REDUCE BY	0 - 99								
MINIMUM GAP	0 - 10								
DYNAMIC MAX LIMIT	0 - 255								
DYNAMIC MAX STEP	0 - 25								
RECALL	MIN/MAX	MIN							
PEDESTRIAN CALL	ON/OFF								
LOCK CALLS	ON/OFF								
SOFT RECALLS	ON/OFF								
REST IN WALK	ON/OFF								
DUAL ENTRY	ON/OFF								

ADDITIONAL SIGNAL CONTROLLER SETTINGS

PED DELAY	ON/OFF	ON	
GRN/PED DELAY	SEC	4.0	

REQUIRED LOGIC PROGRAMMING

LOGIC LINE #1	I 240 = O 1 AND O 89 AND O 82
LOGIC LINE #2	O 51 = O 25 AND O 113 OR I 240
LOGIC LINE #3	I 241 = O 50 AND !O 28
LOGIC LINE #4	O 3 = O 90 AND O 113 OR I 241
LOGIC LINE #5	O 27 = O 90 AND !O 113 OR I 241

TRAFFIC SIGNAL FREE OPERATION PHASING WHEN ALL PHASES ARE CALLED

Ring 1	Φ1	Thru	G	Y	R													-
	Φ2	Thru				G	G	Y	R									-
																		-
PEDs 1	Φ2	PED(2)	DW	DW	DW	WA	FDW	DW	DW									6,7
OVERLAP	Φ1	OLA	DK	FY	SY	SR	FR	DK	DK									1,2,3,4,5

Phasing	Φ1	Φ2					Signal Heads
Max: MAX 1	Φ1 ←						Pattern/Split: 254
Sequence #: 1	Φ1 →	↕ PED(2)					
Action: 10							

Times of Operation: Mon. - Fri.: 00:00 - 00:00 Sat.: 00:00 - 00:00 Sun.: 00:00 - 00:00

Notes: PHASE 1 YELLOW = FLASHING YELLOW; PHASE 1 RED = STEADY YELLOW; PHASE 2 WALK = STEADY RED; PHASE 2 PED CLEAR = FLASHING RED.

TRAFFIC SIGNAL INVENTORY (v3.2)

LOUISIANA DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT

TSI NO. TBD

PAGE: 2 OF 4

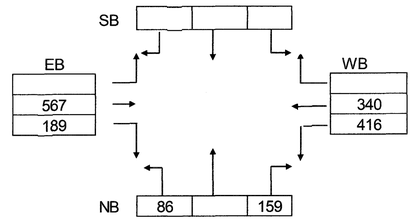
Intersection: CONSTANTIN BLVD AT MIDWAY DR

TRAFFIC VOLUMES - VPH - CONSTANTIN BLVD AT MIDWAY DR

AM PEAK HOUR: _____ to _____

Count Date: 2042 Estimates

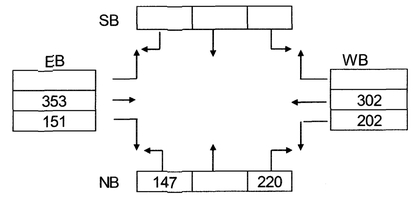
PHF: _____



PM PEAK HOUR: _____ to _____

Count Date: 2042 Estimates

PHF: _____



Detector #	Delay(s)	Extends(s)	Phase	Equipment	Lane #	Size	Type

STATE OF LOUISIANA
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12/31/23

SHEET NUMBER 113

PARISH	CONTROL SECTION	STATE PROJECT
EAST BATON ROUGE	000-17	H.012232

DESIGNED / CHECKED	DETAILED / CHECKED	SERIES NUMBER
AWG / JML	AWG / MJD	1 OF 3

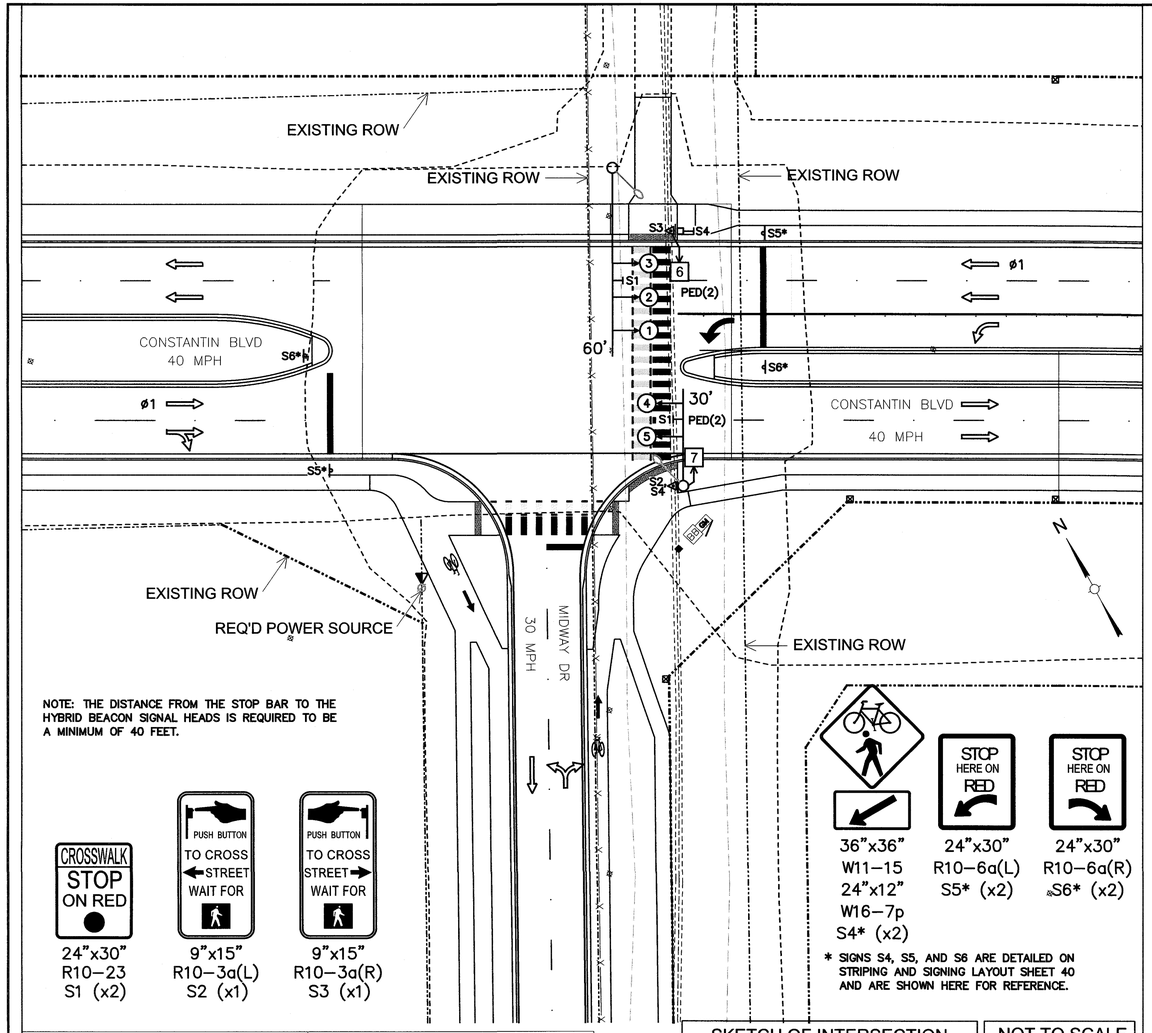
NO.	DATE	REVISION OR CHANGE ORDER DESCRIPTION	BY

TRAFFIC SIGNAL INVENTORY
CONSTANTIN BLVD
AT MIDWAY DR

LA 3604 TO LA 1248 PHASE II

DOTD

Stantec



* SIGNS S4, S5, AND S6 ARE DETAILED ON STRIPING AND SIGNING LAYOUT SHEET 40 AND ARE SHOWN HERE FOR REFERENCE.

BACKPLATES: YES ☒ NO ☐ | SIGNAL HEAD HEIGHT: 18 FT | SKETCH OF INTERSECTION | NOT TO SCALE

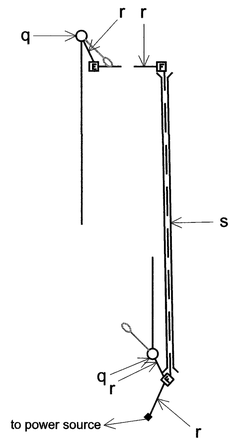
INTERSECTION: CONSTANTIN BLVD AT MIDWAY DR | TSI #: TBD | PAGE 3 OF 4

GM GROUND MOUNTED CABINET & CONTROLLER
PM POLE MOUNTED CABINET & CONTROLLER
SIGNAL POWER PEDESTAL W/ SEPARATE DISCONNECT FOR STREET LIGHTS
S1 OVERHEAD SIGN & NO.
S1 GROUND MOUNT SIGN & NO.
PARALLEL PARKING
POWER SOURCE
WOOD POLE
METAL POLE
UTILITY POLE
MAST ARM
SPAN WIRE
STOP BAR
PEDESTAL MOUNT SIGNAL & NO.
SIGNAL FACE & NO.
SIGNAL FACE WITH ARROWS & NO.
PEDESTRIAN SIGNAL & NO.
PED BUTTON & SIGN
WIRELESS INTERCONNECT
PED CROSS WALK
D4 LOOP DETECTOR & NO.
D4 VIDEO DETECTION ZONE & NO.
V1 VIDEO DETECTION
IRU1 INTEGRATED RADAR UNIT
EMERGENCY PREEMPTION DETECTOR
VDS WIRELESS VDS RECIEVER
M1A WIRELESS VDS
BB BATTERY BACKUP

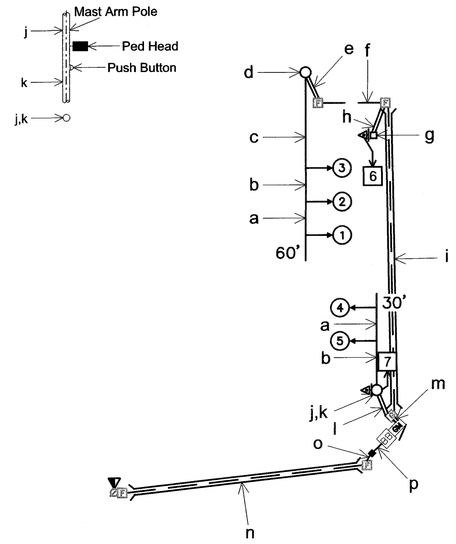
EXISTING SPEED LIMITS

CONSTANTIN BLVD - 40 MPH
MIDWAY DR - 30 MPH

SIGNAL FACES	1,2,3,4,5										6,7
TOTALS	5										2
DK = DARK R = RED Y = YELLOW G = GREEN ARROW <G = GREEN ARROW <Y = YELLOW ARROW <SY = STEADY YELLOW ARROW <FY = FLASHING YELLOW ARROW 8" = 8" DIA. LENS 12" = 12" DIA. LENS OP = OPTICALLY PROGRAMED LENS	R R Y	R Y G	R Y G	R Y G	R Y G G	R Y G G	R Y Y G G	R Y Y G G	R SY FY	R SY FY G	PED 88



LUMINAIRE DIAGRAM | NOT TO SCALE



WIRING DIAGRAM | NOT TO SCALE

INTERSECTION: CONSTANTIN BLVD AT MIDWAY DR | TSI #: TBD | PAGE 4 OF 4

POWER SOURCE
WOOD POLE
METAL POLE
UTILITY POLE
MAST ARM
SPAN WIRE
PM POLE MOUNTED CABINET & CONTROLLER
GM GROUND MOUNTED CABINET & CONTROLLER
SIGNAL POWER PEDESTAL W/ DISCONNECT
WIRELESS INTERCONNECT
M1A WIRELESS VDS
VDS WIRELESS VDS RECIEVER
D4 VIDEO DETECTION ZONE & NO.
V1 VIDEO DETECTION
IRU1 INTEGRATED RADAR UNIT
EMERGENCY PREEMPTION DETECTOR
D4 LOOP DETECTOR & NO.
CABLES IN JACKED OR BORED CONDUIT
TRENCHED AND BACKFILLED CONDUIT
F SIGNAL JUNCTION BOX
BB BATTERY BACKUP
SIGNAL FACE & NO.
SIGNAL FACE WITH ARROWS & NO.
PEDESTAL MOUNT SIGNAL & NO.
PEDESTRIAN SIGNAL & NO.
PED BUTTON & SIGN
S1 OVERHEAD SIGN & NO.

SIGNAL WIRING TABLE

WIRING CODE	WIRING TYPE										INTERCONNECT				CONDUIT		TYPE
	VIDEO	CCTV	LOOP	2CLL	2C	MAG	2C SL	3C POWER	3C	6C	10C	7C	Wireless	6 PAIR	FIBER	NO.	SIZE	
a										1								OH
b										2								OH
c										3								OH
d										3								IP
e										3						2	3"	TB
f										3						1	2"	TB
g					1					1								IP
h					1					1						2	3"	TB
i					1					4						1	3"	JB
j										2								IP
k					1					3								IP
l					1					3						2	3"	TB
m					2					7						2	3"	TB
n							1	1								1	3"	JB
o							1	1								1	3"	TB
p								1								1	2"	TB
q							1											IP
r							1									1	2"	TB
s							1									1	3"	JB

OH - OVERHEAD JB - JACK OR BORE TB - TRENCH AND BACKFILL SC- SAW CUT IP - INSIDE POLE

WIRING CODE TABLE VERSION 3.2

STATE OF LOUISIANA
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12/31/23

SHEET NUMBER	114
PARISH	EAST BATON ROUGE
CONTROL SECTION	000-17
STATE PROJECT	H.012232
DESIGNED AWG CHECKED JML	DETAILED AWG CHECKED MJD
SERIES NUMBER	2 OF 3

NO.	DATE	REVISION OR CHANGE ORDER DESCRIPTION	BY

TRAFFIC SIGNAL INVENTORY
CONSTANTIN BLVD
AT MIDWAY DR

LA 3604 TO LA 1248 PHASE II

DOTD

Stantec

SPEC	NUMBER	DESCRIPTION	UNITS	Dijon
729-01-	00100	Sign (Type A)	SF	11.9
736-01-	00100	Trenching and Backfilling	LF	105
736-03-	00100	Jacking or Boring for Conduit	LF	310
736-04-	00001	Signal Pole (Pedestal Pole)	Ea	1
736-05-	30004	Signal Heads (3 Section, 12 inch Led Lens, R, R, Y)	Ea	5
736-06-	00300	Signal Service with Separate Disconnect for Street Lights	Ea	1
736-06-	00500	Signal Service Pedestal Disconnect	Ea	1
736-08-	00102	Signal Controller (980 ATC, Type 2)(Furnish & Install)	Ea	1
736-10-	00200	Underground Junction Box (Type E)	Ea	1
736-10-	00300	Underground Junction Box (Type F)	Ea	6
736-10-	00400	Underground Junction Box (Type G)	Ea	1
736-11-	00200	Conduit (2" HDPE, Schedule 80)	LF	55
736-11-	00300	Conduit (3" HDPE, Schedule 80)	LF	410
736-12-	02006	Conductor (2c, #6 awg)	LF	250
736-12-	02014	Conductor (2c, #14 awg)	LF	170
736-12-	03006	Conductor (3c, 6 gauge / #6 awg)	LF	105
736-12-	06014	Conductor (6c, #14 awg)	LF	990
736-15-	02400	Signal Support (Foundation, 24 inch Minimum Diameter)	Ea	1
736-21-	00000	LED Pedestrian Countdown Signal Head	Ea	2
NS-736-	00001	GPS	Ea	1
NS-736-	00003	Ethernet Switch Managed	Ea	1
NS-736-	00130	TS-2 Traffic Signal Cabinet (Ground Mounted)	Ea	1
NS-736-	00133	Battery Back-up System for Traffic Signals	Ea	1
NS-736-	00135	2-Wire Accessible Pedestrian Pushbutton Detectors	Ea	2
NS-736-	00136	2-Wire Accessible Pedestrian Pushbutton Cabinet Control	Ea	1
TS-736-	10300	Signal Support (Mast Arm Standard w/ 30 ft Arm)	Ea	1
TS-736-	10600	Signal Support (Mast Arm Standard w/ 60 ft arm)	Ea	1
TS-736-	12008	Luminaire Arm w/LED Luminaire (8 ft. arm)	Ea	2

NOTES:

A ALL WORK SHALL CONFORM TO LADOTD 2016 SPECIFICATIONS. MAST ARM POLES AND FOUNDATIONS TO FOLLOW EBR CITY-PARISH SPECIFICATIONS.

B ALL UTILITIES ARE NOT SHOWN. SIGNAL CONTRACTOR SHALL DETERMINE EXACT LOCATION OF EXISTING UTILITIES PRIOR TO INSTALLATION OF SIGNAL EQUIPMENT INCLUDING CONDUIT AND SIGNAL POLE FOUNDATIONS. SEE GENERAL NOTES FOR CONTACT NUMBERS. CITY OF BATON ROUGE TRAFFIC ENGINEERING AND LADOTD SHALL APPROVE FOUNDATION LOCATIONS PRIOR TO ORDERING THE MAST ARM/POLE.

C ALL SIGNAL WORK SHALL BE INSPECTED BY BOTH LADOTD AND CITY OF BATON ROUGE INSPECTORS BEFORE SIGNAL WORK IS ACCEPTED.

D A MINIMUM OF ONE PERSON WITH A LEVEL 1 IMSA CERTIFICATION IS REQUIRED ON SITE AT ALL TIMES FOR ALL WORK OUTSIDE OF A TRAFFIC SIGNAL CABINET.

E A LEVEL 2 IMSA CERTIFICATION IS REQUIRED FOR ALL WORK INSIDE A TRAFFIC SIGNAL CABINET.

F CONTRACTOR SHALL CONTACT SECTION 45 SIGNAL INSPECTORS AND SCHEDULE A BENCH TEST FOR THE FULLY FUNCTIONAL CABINET INCLUDING CONTROLLER AND MMU UNIT, AT THE SECTION 45 SIGNAL SHOP (7868 TOM DRIVE, BATON ROUGE 70806), A MINIMUM OF 7 DAYS BEFORE SIGNAL ACTIVATION. APPROVED TSI PLAN SHALL BE PROVIDED IN THE SIGNAL CABINET. AT LEAST ONE TECHNICAL CONTRACTOR REP MAY BE REQUIRED TO BE PRESENT FOR THE BENCH TESTING.

G CONTRACTOR TO PROVIDE CERTIFIED 980 ATC CONTROLLER. SEE CERTIFICATION:
http://wwwsp.dotd.la.gov/Inside_LaDOTD/Divisions/Engineering/Traffic_Engineering/Traffic%20Control/Traffic%20Signal%20Controller%20Certification%202016.pdf

H Follow the IO Logic Programming as discussed below at MM>1>3>9>1 on the TS-2 or MM->1->8->7 on the ATC/2070.
Logic Line #1: I 240 = O 1 AND O 89 AND O 82
Logic Line #2: O 51 = O 25 AND O 113 OR I 240
Logic Line #3: I 241 = O 50 AND !O 28
Logic Line #4: O 3 = O 90 AND O 113 OR I 241
Logic Line #5: O 27 = O 90 AND !O 113 OR I 241

STATE OF LOUISIANA
JOSEPH M. LEFANTE
License No. 37244
PROFESSIONAL ENGINEER
IN
CIVIL ENGINEERING
12/31/23

SHEET NUMBER 115

PARISH	CONTROL SECTION	STATE PROJECT
EAST BATON ROUGE	000-17	H.012232

DESIGNED / CHECKED	DETAILED / CHECKED	SERIES NUMBER
AWG / JML	AWG / MJD	3 OF 3

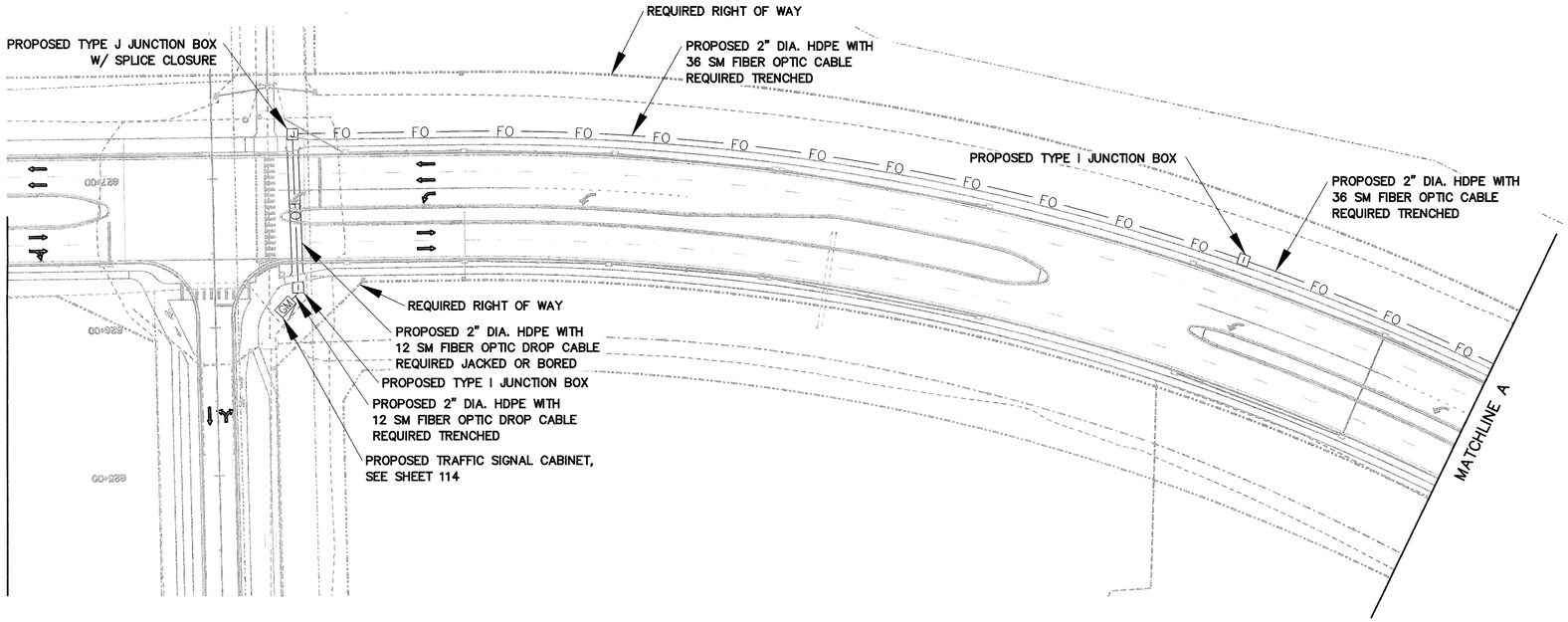
NO.	DATE	REVISION OR CHANGE ORDER DESCRIPTION	BY

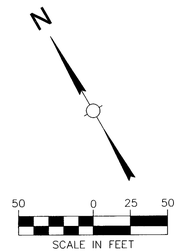
TRAFFIC SIGNAL INVENTORY
CONSTANTIN BLVD
AT MIDWAY DR

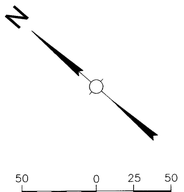
LA 3604 TO LA 1248 PHASE II

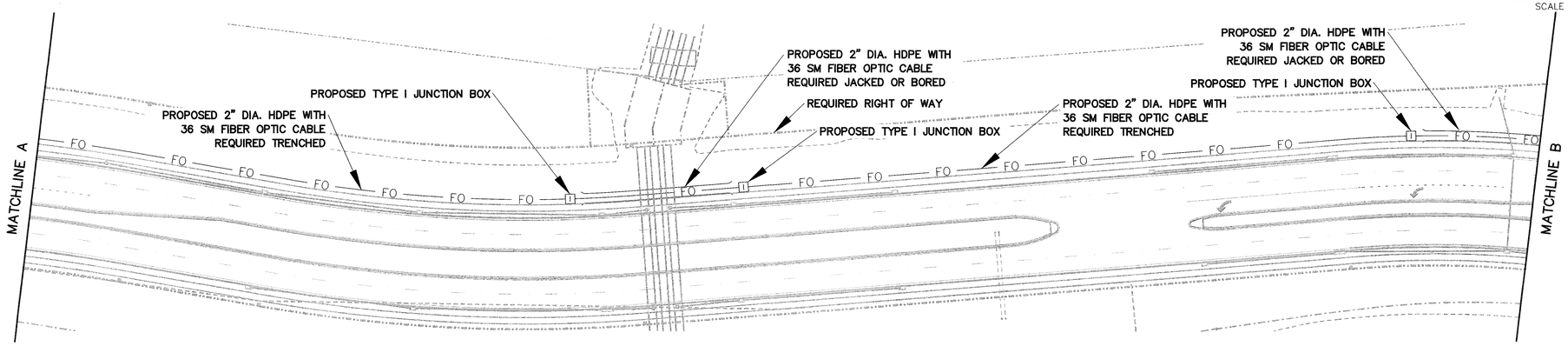
DOTD

Stantec









LEGEND

	EXISTING RIGHT OF WAY
	REQUIRED RIGHT OF WAY
EJB	EXISTING JUNCTION BOX
PJB	PROPOSED JUNCTION BOX
EGM	EXISTING GROUND MOUNTED CONTROLLER CABINET
GM	GROUND MOUNTED TYPE 6E CONTROLLER CABINET WITH 980 ATC CONTROLLER WITH ETHERNET PORT (TO BE PROVIDED AS PART OF SIGNAL PROJECT)
EFO	EXISTING FIBER OPTIC CABLE
FO	TRENCHED UNDERGROUND CONDUIT WITH FIBER OPTIC CABLE (APPROXIMATE LOCATION)
FO	JACKED OR BORED CONDUIT WITH FIBER OPTIC CABLE

STATE OF LOUISIANA
JOSEPH M. LEFANTE
License No. 37244
PROFESSIONAL ENGINEER
IN
CIVIL ENGINEERING
1/31/23

SHEET NUMBER 116

PARISH	CONTROL-SECTION	STATE PROJECT
EAST BATON ROUGE	000-17	H.012232

DESIGNED AWG
CHECKED JML
DETAILED AWG
CHECKED MJD
SERIES NUMBER 1 OF 2

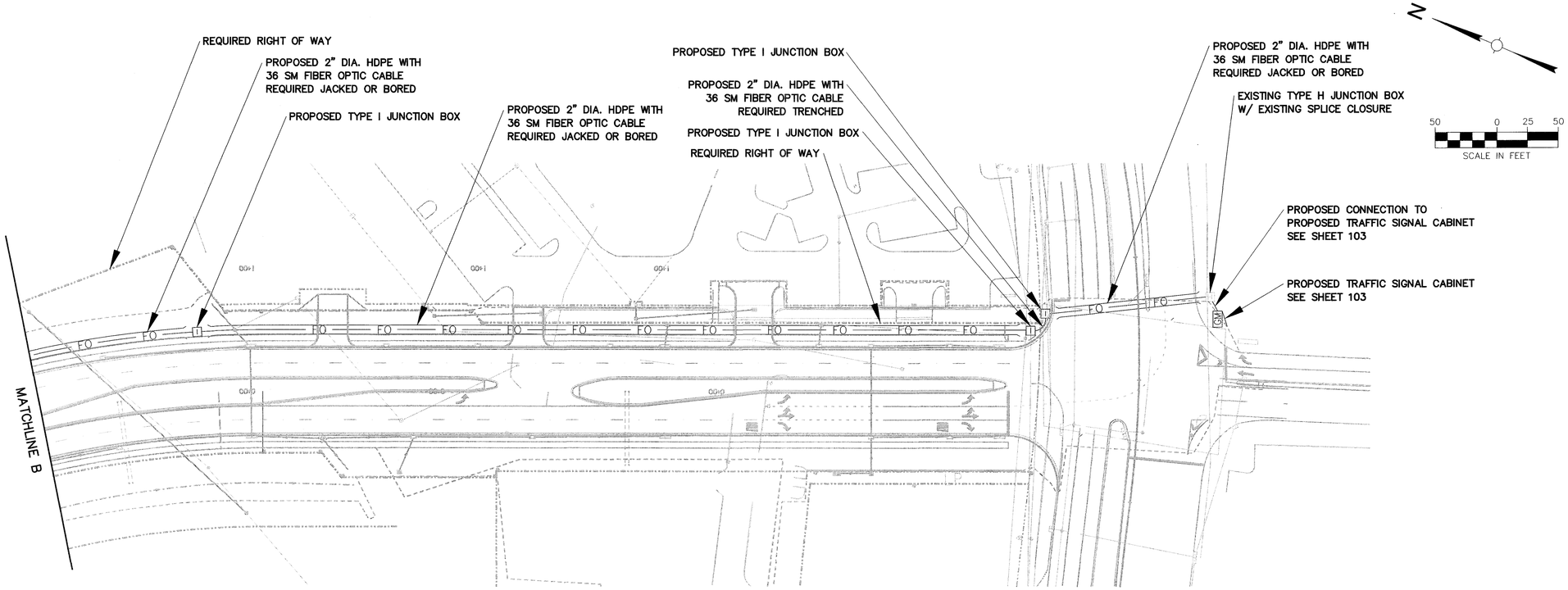
NO.	DATE	REVISION OR CHANGE ORDER DESCRIPTION	BY

INTERCONNECT LAYOUT I

LA 3604 TO LA 1248 PHASE II

DOTD

Stantec



LEGEND

- EXISTING RIGHT OF WAY
- REQUIRED RIGHT OF WAY
- EXISTING JUNCTION BOX
- PROPOSED JUNCTION BOX
- EXISTING GROUND MOUNTED CONTROLLER CABINET
- GROUND MOUNTED TYPE 6E CONTROLLER CABINET WITH 980 ATC CONTROLLER WITH ETHERNET PORT (TO BE PROVIDED AS PART OF SIGNAL PROJECT)
- EFO — EXISTING FIBER OPTIC CABLE
- FO — TRENCHED UNDERGROUND CONDUIT WITH FIBER OPTIC CABLE (APPROXIMATE LOCATION)
- FO — JACKED OR BORED CONDUIT WITH FIBER OPTIC CABLE

SPEC	NUMBER	DESCRIPTION	UNITS	Effor
736-01-	00100	Trenching and Backfilling	LF	1920
736-03-	00100	Jacking or Boring for Conduit	LF	1360
736-10-	00600	Underground Junction Box (Type I)	Ea	8
736-10-	00700	Underground Junction Box (Type J)	Ea	1
736-11-	00200	Conduit (2" HDPE, Schedule 80)	LF	3280
NS-ITS-	04020	Fiber Optic Cable, SM, Furnish & Install, 13-48 Fibers	LF	3440
NS-ITS-	04035	Fiber Optic Fan Out Kits, SM, 12 Strand, Furnish & Install	Ea	1
NS-ITS-	04180	Fiber Optic Connection, Install, Splice	Ea	56
NS-ITS-	04200	Fiber Optic Connection, Termination, Furnish & Install	Ea	12
NS-ITS-	04250	Fiber Optic Drop Cable, SM, 12 Strand, Furnish & Install	LF	440
NS-ITS-	04290	Fiber Optic Patch Cord, SM, 2 Strand, Furnish & Install	Ea	2
NS-ITS-	04360	Fiber Optic Connection Splice Tray, Furnish & Install	Ea	5
NS-ITS-	04425	Fiber Optic Connection Patch Panel, Outdoor, Furnish & Install	Ea	1
NS-ITS-	05025	Splice Closure, Outdoor, Furnish & Install	Ea	1
NS-ITS-	12000	Communication System Integration	LS	Lump
NS-ITS-	13200	As-Builts	LS	Lump

STATE OF LOUISIANA
JOSEPH M. LEFANTE
License No. 37244
PROFESSIONAL ENGINEER IN CIVIL ENGINEERING
12/31/23

NO.	DATE	REVISION OR CHANGE ORDER DESCRIPTION	BY

SHEET NUMBER 117

PARISH: EAST BATON ROUGE
CONTROL SECTION: 000-17
STATE PROJECT: H.012232

DESIGNED AWG
CHECKED JML
DETAILED AWG
CHECKED MJD
SERIES NUMBER 2 OF 2

INTERCONNECT LAYOUT 2

LA 3604 TO LA 1248 PHASE II

DOTD

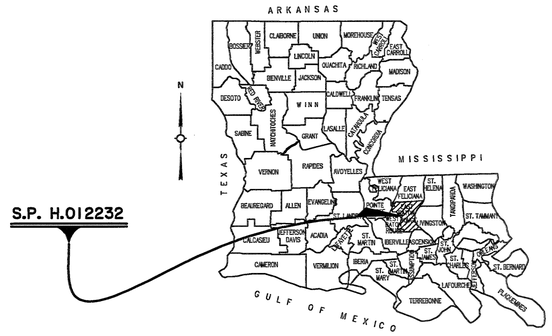
Stantec

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

STATE PROJECT NO. H.012232

LA 3064 TO LA 1248 PHASE II

EAST BATON ROUGE PARISH
DIJON DRIVE EXTENSION



VICINITY MAP

LOCATION OF WORK

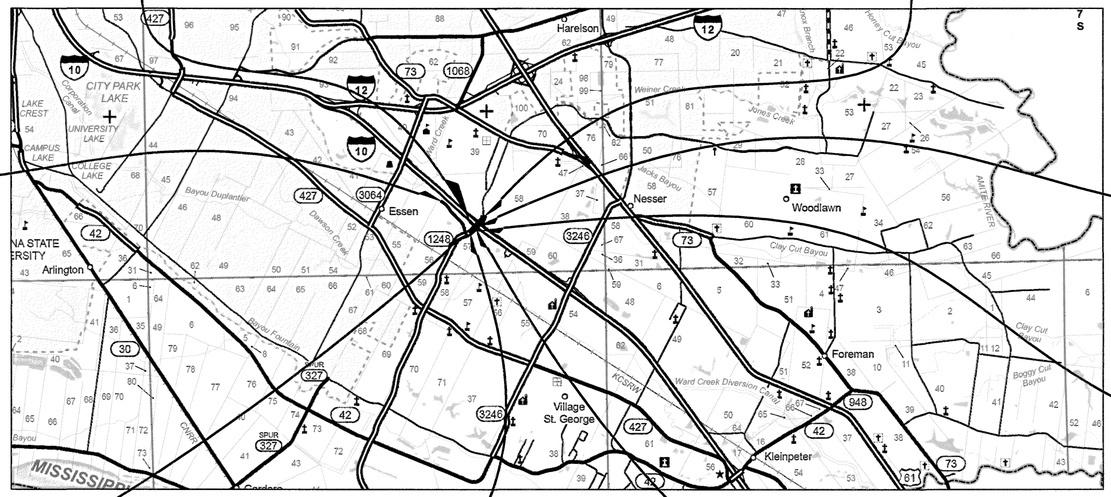
CONTROL SECTION	LOG MILE	
	BEGIN	END
258-33	5.611	5.943
450-10	7.237	7.398
000-17	N/A	N/A

BEGIN CONSTRUCTION
I-10 EASTBOUND EXIT RAMP
C.S. 450-10
LOG MILE 7.237
STA. 700+21.55

END CONSTRUCTION
BLUEBONNET BOULEVARD
C.S. 258-33
LOG MILE 5.943
STA. 825+30.00

BEGIN PROJECT
DIJON DRIVE EXTENSION
STA. 133+50.00
BEGIN S.P. H.012232

END CONSTRUCTION
I-10 EASTBOUND EXIT RAMP
C.S. 450-10
LOG MILE 7.336
STA. 705+45.40



END CONSTRUCTION
I-10 EASTBOUND ENTRANCE RAMP
C.S. 450-10
LOG MILE 7.398
STA. 903+28.86

END PROJECT
DIJON DRIVE EXTENSION
STA. 168+00.00
END S.P. H.012232

BEGIN CONSTRUCTION
BLUEBONNET BOULEVARD
C.S. 258-33
LOG MILE 5.611
STA. 807+75.00

BEGIN CONSTRUCTION
I-10 EASTBOUND ENTRANCE RAMP
C.S. 450-10
LOG MILE 7.336
STA. 900+00.00

LAYOUT MAP

SCALE: 1 INCH = 1 MILE

0 1 2 3

STATE OF LOUISIANA
MATTHEW S. ESTOPINAL
REG No. 4955
REGISTERED
PROFESSIONAL
LAND SURVEYOR

9/14/2018

SHEET NUMBER 121

PARISH	CONTROL SECTION	STATE PROJECT
EAST BATON ROUGE	450-10, 258-33 & 000-17	H.012232

COMPUTED	MSE	09/14/2018
CHECKED	MSE	1"=1 MILE
DETAILED	EAE	DATE
CHECKED	MSE	SCALE

RIGHT OF WAY MAP
STATE PROJECT NO. H.012232
LA 3064 TO LA 1248 PHASE II
EAST BATON ROUGE
DIJON DRIVE EXTENSION

DOTD DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT

GWS ENGINEERING, INC.

BY	REVISION DESCRIPTION	DATE
MSE	REVISED END PROJECT LABEL	07/21/21

FILE NO. 04-19-1-004 R/W SHEET NO. TITLE

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, 1702 SOUTH ZONE (NAD 83 (2011) EPOCH 2010.00) TO CONVERT FROM GRID BEARINGS TO TRUE BEARINGS USE: 00°07'11.1"

BASE STATIONS:

DSTR, DH9596, DESTREHAN H.S. CORS ARP	FSHS, DF8074, FRANKLIN HIGH SCH CORS ARP	SJBI, DF8160, SJB GROUP COOP CORS ARP
LAT=N29°57'52.39573"	LAT=N29°48'19.10324"	LAT=N30°23'45.83085"
LONG=W90°22'56.00715"	LONG=W91°30'08.05125"	LONG=W91°06'25.85434"
Y=533851.99	Y=474730.25	Y=689601.48
X=3581993.35	X=3227265.77	X=3352133.18

3. DISTANCES SHOWN ARE HORIZONTAL GROUND DISTANCES. TO CONVERT DISTANCES DERIVED FROM COORDINATES SHOWN HEREON TO HORIZONTAL GROUND DISTANCES, USE SCALE FACTOR: 0.99994984

GREENSBURG LAND DISTRICT
T7S - R1E
SECTION 56

OUR LADY OF THE LAKE HOSPITAL, INC.

℄ CURVE DATA

P.I. STA. 130+99.40
Y = 691102.8340
X = 3355811.8166
Δ = 19°32'26.2" LT.
D = 3°10'59.2"
T = 309.95'
L = 613.89'
R = 1800.00'

SECTION 56
SECTION 55

135+00

DB MIDWAY, LLC

EXISTING 50' DRAINAGE SERVITUDE

+92.03
235.00'

S60°46'31"E
7.97'

+00.00
235.00'

REQUIRED DRAINAGE SERVITUDE

LIMITS OF CONSTRUCTION

N28°28'15"E 145.01'

S28°13'29"W 145.00'

140+00

EXISTING DRAINAGE SERVITUDE

GENERAL HEALTH SYSTEM

I-2-D-1

+00.00
90.00'

+93.94
90.00'

100.00'

S60°46'31"E 156.06'

6.06'

R= 1590.00'
ARC= 823.22'
CH= 814.05'
CHB= S45°56'34"E

REQUIRED R/W

LIMITS OF CONSTRUCTION

+43.94
90.00'

50.00'

4.16'

R= 1710.00'
ARC= 10.33'
CH= 10.33'
CHB= S60°36'08"E

+03.33
90.00'

EXISTING R/W

N28°05'19"E
STA. 133+94.78

Y=690985.5033
X=3356082.3162
P.T. STA. 134+03.33

S60°46'31"E 240.61'

REQUIRED R/W

N62°15'30"W 250.87'

+43.99
85.84'

N28°28'15"E 85.85'

I-2

Y=690586.2419
X=3356673.9705

STA. 133+50.00
DIJON DRIVE EXTENSION
BEGIN CONSTRUCTION
BEGIN S.P. H.012232

+92.45
90.00'

I-1

LIMITS OF CONSTRUCTION

0.329 Ac. IN 50' DRAINAGE SERVITUDE

DIJON DRIVE
℄ STATE PROJECT NO. H.012232

S60°46'30.8"E

10.68'

90.00'

+45.12
0.00'

EXISTING 50' DRAINAGE SERVITUDE

+30.00
50.00'

70.00'
N60°46'31"W

+00.00
50.00'

I-2-D-2

REQUIRED R/W

R= 1450.00'
ARC= 750.73'
CH= 742.38'
CHB= N45°56'34"W

50.00'

110.00'

LIMITS OF CONSTRUCTION

+23.64
57.32'

Y=690978.2249
X=3356036.1699

EXISTING R/W

+89.78
89.43'

S75°07'36"W
81.85'

41.04'

+96.22
82.74'

+30.00
110.00'

+71.22
106.96'

34.81'

REQUIRED DRAINAGE SERVITUDE

R= 1390.00'
ARC= 719.67'
CH= 711.66'
CHB= N45°56'34"W

70.00'
N60°46'31"W

+00.00
110.00'

℄ CURVE DATA

P.I. STA. 141+97.22
Y = 690563.8937
X = 3356775.1583
Δ = 29°39'52.8" RT.
D = 3°49'11.0"
T = 397.22'
L = 776.62'
R = 1500.00'

P.C. STA. 138+00.00
Y=690757.8327
X=3356428.4914

S62°41'04"W
24.50'

+16.49
130.44'

EXISTING R/W

EXISTING DRAINAGE SERVITUDE

N28°28'15"E 303.03'

S28°33'57"W 196.05'

N28°28'15"E 229.28'

S28°33'57"W 172.57'

REQUIRED DRAINAGE SERVITUDE

REQUIRED R/W

+49.11
303.00'

+73.47
303.00'

N60°46'31"W
24.36'

+18.48
303.00'

N60°46'31"W
19.36'

+99.11
302.97'

EXISTING DRAINAGE SERVITUDE

DB MIDWAY, LLC

OUR LADY OF THE LAKE HOSPITAL, INC.

GENERAL HEALTH SYSTEM

PARCEL	OWNER	ACQUISITION	AREA	AREA
I-2-D-3	GENERAL HEALTH SYSTEM	ORIG 328 BNDL 10296 APRIL 2,1992 ORIG 329 BNDL 10296 APRIL 2,1992 ORIG 428 BNDL 10310 MAY 29,1992 ORIG 447 BNDL 10314 JUNE 16,1992 ORIG 849 BNDL 10344 OCTOBER 9,1992	0.122 Ac.	5293.7 SF
I-2-D-2			3.081 Ac.	134194.7 SF
I-2-D-1			0.023 Ac.	1016.7 SF
I-2			7.372 Ac.	321110.8 SF
I-1-D-1			DELETED	
I-1	DB MIDWAY, LLC	ORIG 139 BNDL 12761 OCTOBER 3, 2016	0.043 Ac.	1857.4 SF

LEGEND

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

STATE OF LOUISIANA
MATTHEW S. ESTOPINAL
REG No. 4955
REGISTERED PROFESSIONAL
LAND SURVEYOR
9/14/2018

DATE	REVISION DESCRIPTION	BY
06/14/22	REVISED PARCELS I-2-D-1 & I-2-D-2	MSE
06/14/22	REVISED LIMITS OF CONSTRUCTION	MSE
07/21/21	DELETED PARCEL I-1-D-1	MSE
07/21/21	REVISED LIMITS OF CONSTRUCTION	MSE
12/10/19	REVISED PARCELS I-1, I-1-D-1, I-2, I-2-D-2 & I-2-D-3	MSE
	REVISED TO ADD A LINE ON PARCEL I-1-D-1	

RIGHT OF WAY MAP
STATE PROJECT NO. H.012232
LA 3064 TO LA 1248 PHASE II
EAST BATON ROUGE PARISH
DIJON DRIVE EXTENSION

GWS ENGINEERING, INC.

COMPUTED	MSE
CHECKED	MSE
DETAILED	EAE
CHECKED	MSE
DATE	9/14/2018
SCALE	1" = 30'

PARISH	CONTROL SECTION	STATE PROJECT
EAST BATON ROUGE	450-10, 258-33 & 000-17	H.012232

SHEET NUMBER 122

FILE NO. 04-19-1-004 | R/W SHEET NO. 1

14-SEP-2018 08:0

FINAL RIGHT-of-WAY MAP

V:\2018\active\20180260 2\03 disciplines\survey\Right of Way Map\ROW_sheet_2.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, 1702 SOUTH ZONE (NAD 83 (2011) EPOCH 2010.00) TO CONVERT FROM GRID BEARINGS TO TRUE BEARINGS USE: 00°07'14.5"

BASE STATIONS:

DSTR, DH9596,	FSHS, DF8074,	SJBI, DF8160,
DESTREHAN H.S. CORS ARP	FRANKLIN HIGH SCH CORS ARP	SJB GROUP COOP CORS ARP
LAT=N29°57'52.39573"	LAT=N29°48'19.10324"	LAT=N30°23'45.83085"
LONG=W90°22'56.00715"	LONG=W91°30'08.05125"	LONG=W91°06'25.85434"
Y=533851.99	Y=474730.25	Y=689601.48
X=3581993.35	X=3227265.77	X=3352133.18

3. DISTANCES SHOWN ARE HORIZONTAL GROUND DISTANCES. TO CONVERT DISTANCES DERIVED FROM COORDINATES SHOWN HEREON TO HORIZONTAL GROUND DISTANCES, USE SCALE FACTOR: 0.99994967

GREENSBURG LAND DISTRICT
T7S - R1E
SECTION 56

GENERAL HEALTH SYSTEM

145+00

EXISTING DRAINAGE SERVITUDE

℄ CURVE DATA
P.I. STA. 148+31.57
Y = 690005.5179
X = 3357112.1324
Δ = 14°23'50.2" LT.
D = 4°58'56.1"
T = 145.25'
L = 288.97'
R = 1150.00'

P.C. STA. 146+86.32
Y=690129.8777
X=3357037.0825

R= 1590.00'
ARC= 823.22'
CH= 814.05'
CHB= S45°56'34"E

REQUIRED R/W

+76.62
90.00'

S31°06'38"E 109.70'

+86.32
90.00'

LIMITS OF CONSTRUCTION

S60°46'30.8"E P.I.

I-2

R= 1060.00'
ARC= 233.82'
CH= 233.35'
CHB= S37°25'48"E

R= 1060.00'
ARC= 266.36'
CH= 265.66'
CHB= S38°18'33"E

90.00'

Y=690586.2419
X=3356673.9705

DIJON DRIVE

℄ STATE PROJECT NO. H.012232

Y=690288.3626
X=3356939.1534

S31°06'38.0"E

DIJON DRIVE

Y=689958.2116
X=3357163.8008

P.I. S45°30'28.2"E

50.00'

110.00'

REQUIRED R/W

R= 1450.00'
ARC= 750.73'
CH= 742.38'
CHB= N45°56'34"W

+76.62
50.00'

N31°06'38"W 109.70'

+86.32
50.00'

50.00'

110.00'

I-2-D-2

LIMITS OF CONSTRUCTION

R= 1200.00'
ARC= 301.54'
CH= 300.74'
CHB= N38°18'33"W

REQUIRED DRAINAGE SERVITUDE

R= 1390.00'
ARC= 719.67'
CH= 711.66'
CHB= N45°56'34"W

+76.62
110.00'

N31°06'38"W 109.70'

+86.32
110.00'

LIMITS OF CONSTRUCTION

R= 1260.00'
ARC= 316.61'
CH= 315.78'
CHB= N38°18'33"W

P.T. STA. 145+76.62
Y=690223.8026
X=3356980.3998

℄ CURVE DATA
P.I. STA. 141+97.22
Y = 690563.8937
X = 3356775.1583
Δ = 29°39'52.8" RT.
D = 3°49'11.0"
T = 397.22'
L = 776.62'
R = 1500.00'

GENERAL HEALTH SYSTEM

GENERAL HEALTH SYSTEM

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

STATE OF LOUISIANA
MATTHEW S. ESTOPINAL
REG. No. 4955
REGISTERED PROFESSIONAL LAND SURVEYOR
9/14/18

SHEET NUMBER 123

PARISH	CONTROL SECTION	STATE PROJECT
EAST BATON ROUGE	450-10, 258-33 & 000-17	H.012232

COMPUTED	TP	
CHECKED	MSE	
DETAILED	KKH	
CHECKED	MSE	
DATE	9/14/2018	
SCALE	1" = 30'	

RIGHT OF WAY MAP
STATE PROJECT NO. H.012232
LA 3064 TO LA 1248 PHASE II
EAST BATON ROUGE PARISH
DIJON DRIVE EXTENSION

DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT DOTD

Stantec

BY	REVISION DESCRIPTION	DATE

FILE NO. 04-19-1-004

R/W SHEET NO. 2

GREENSBURG LAND DISTRICT
T7S - R1E
SECTION 56

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, 1702 SOUTH ZONE (NAD 83 (2011) EPOCH 2010.00) TO CONVERT FROM GRID BEARINGS TO TRUE BEARINGS USE: 00°07'17.4"

BASE STATIONS:

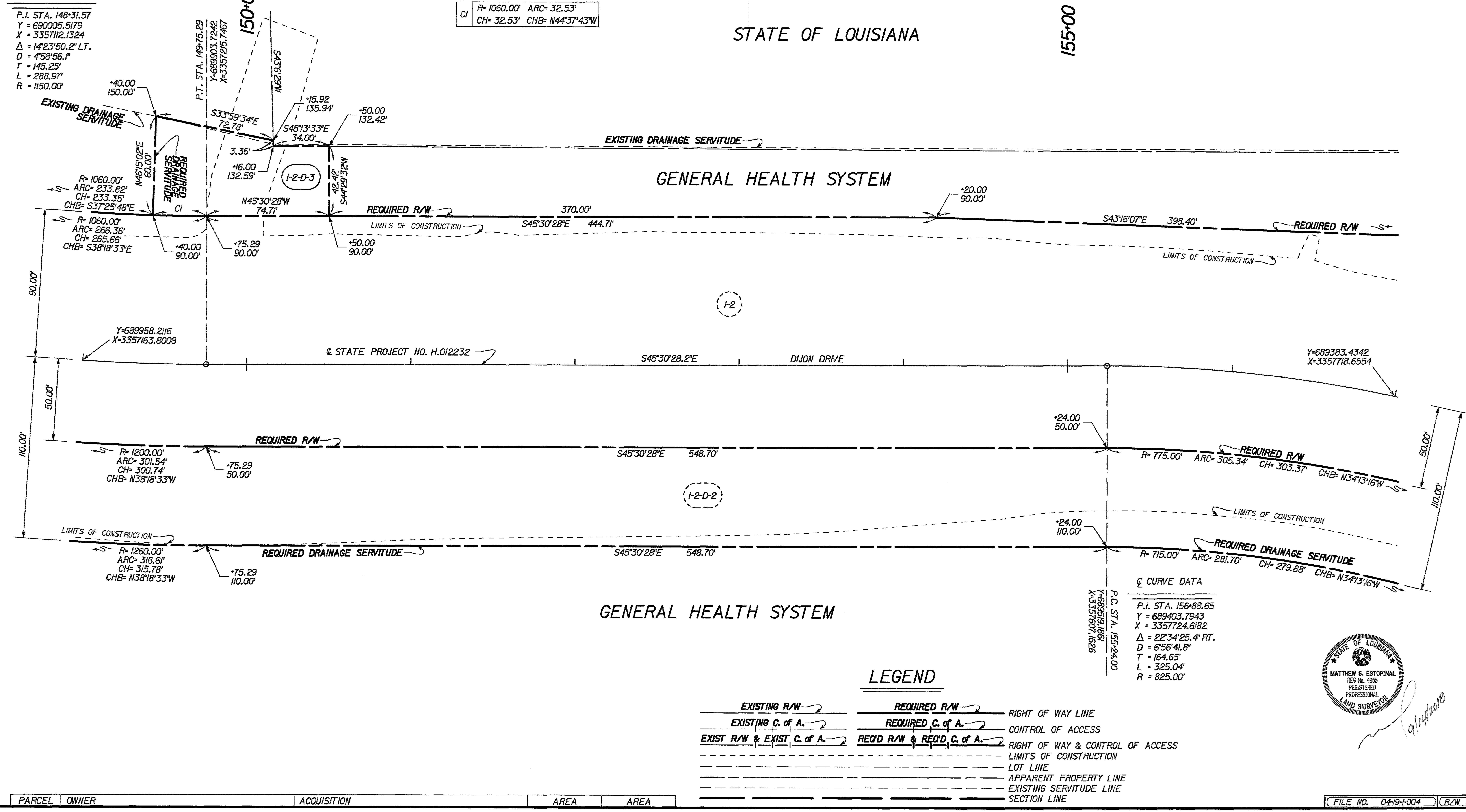
DSTR, DH9596,	FSHS, DF8074,	SJBI, DF8160,
DESTREHAN H.S. CORS ARP	FRANKLIN HIGH SCH CORS ARP	SJB GROUP COOP CORS ARP
LAT=N29°57'52.39573"	LAT=N29°48'19.10324"	LAT=N30°23'45.83085"
LONG=W90°22'56.00715"	LONG=W91°30'08.05125"	LONG=W91°06'25.85434"
Y=533851.99	Y=474730.25	Y=689601.48
X=3581993.35	X=3227265.77	X=3352133.18

3. DISTANCES SHOWN ARE HORIZONTAL GROUND DISTANCES. TO CONVERT DISTANCES DERIVED FROM COORDINATES SHOWN HEREON TO HORIZONTAL GROUND DISTANCES, USE SCALE FACTOR: 0.99994947

℄ CURVE DATA
P.I. STA. 148+31.57
Y = 690005.5179
X = 3357112.1324
Δ = 14°23'50.2" LT.
D = 4°58'56.1"
T = 145.25'
L = 288.97'
R = 1150.00'

CURVE TABLE

C1	R= 1060.00'	ARC= 32.53'
	CH= 32.53'	CHB= N44°37'43"W



STATE OF LOUISIANA — MATTHEW S. ESTOPINAL, REG. No. 4955, REGISTERED PROFESSIONAL LAND SURVEYOR

9/14/2018

PARCEL	OWNER	ACQUISITION	AREA	AREA

FILE NO. 04-19-1-004 | R/W SHEET NO. 3

SHEET NUMBER	124
PARISH	EAST BATON ROUGE
CONTROL SECTION	450-10, 258-33 & 000-17
STATE PROJECT	H.012232
COMPUTED	MSE
CHECKED	MSE
DETAILED	EAE
CHECKED	MSE
DATE	9/14/2018
SCALE	1" = 30'

RIGHT OF WAY MAP
STATE PROJECT NO. H.012232
LA 3064 TO LA 1248 PHASE II
EAST BATON ROUGE PARISH
DIJON DRIVE EXTENSION

DOTD — DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT

GWS ENGINEERING, INC.

DATE	REVISION DESCRIPTION	BY
07/21/21	REVISED LIMITS OF CONSTRUCTION	MSE
07/21/21	REVISED PROJECT CENTERLINE	MSE
07/21/21	REVISED PARCELS I-2, I-2-D-2 & I-2-D-3	MSE

Final Right of Way Map

S:\survproj\Inroads Survey\31694 GWS\Phase 21029 DIJON Constantin\Drawings\ROW_sheet_3.dgn

8/13/2021 13:47

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, 1702 SOUTH ZONE (NAD 83 (2011) EPOCH 2010.00) TO CONVERT FROM GRID BEARINGS TO TRUE BEARINGS USE: 00°07'19.8"

BASE STATIONS:

DSTR, DH9596,	FSHS, DF8074,	SJBI, DF8160,
DESTREHAN H.S. CORS ARP	FRANKLIN HIGH SCH CORS ARP	SJB GROUP COOP CORS ARP
LAT=N29°57'52.39573"	LAT=N29°48'19.10324"	LAT=N30°23'45.83085"
LONG=W90°22'56.00715"	LONG=W91°30'08.05125"	LONG=W91°06'25.85434"
Y=533851.99	Y=474730.25	Y=689601.48
X=358993.35	X=3227265.77	X=335213 3.18

3. DISTANCES SHOWN ARE HORIZONTAL GROUND DISTANCES. TO CONVERT DISTANCES DERIVED FROM COORDINATES SHOWN HEREON TO HORIZONTAL GROUND DISTANCES, USE SCALE FACTOR: 0.99994933

GREENSBURG LAND DISTRICT
T7S - R1E
SECTIONS 56 & 57

SECTION 57
SECTION 56

157+00
160+00

STATE OF LOUISIANA

BATON ROUGE CELLULAR TELEPHONE

RK RESTAURANTS HOLDINGS, INC.

MARUTI INVESTMENT I, LLC.

GENERAL HEALTH SYSTEM

RK RESTAURANTS HOLDINGS, INC.

BRICK RESTAURANT

N22°32'41.25"E
STA. 158+42.98

1/2" IRON PIPE
+58.18
168.53'

1/2" IRON PIPE
+92.85
225.37'

EXISTING DRAINAGE SERVITUDE

STA. 160+29.92
N22°27'13"E

S43°16'07"E 398.40'
REQUIRED R/W
+84.71
121.29'

R= 896.00'
ARC= 35.23'
CH= 35.22'
CHB= S24°03'38"E

61.61'

+79.33
71.00'
S22°56'03"E
30.30'

REQUIRED CONSTRUCTION SERVITUDE
N67°03'57"E
12.00'

+49.04
71.00'

+79.33
83.00'
S22°56'03"E
54.00'

+33.33
83.00'
S67°03'57"W
12.00'

+33.33
71.00'
S22°56'03"E

LIMITS OF CONSTRUCTION

+16.00
71.00'

6.22'

+20.02
66.00'

+49.04
66.00'

83.81'

R= 891.00'
ARC= 31.34'
CH= 31.34'
CHB= S23°56'30"E

4-1-C-1

S22°56'03"E 171.10'

82.81'
REQUIRED R/W

+16.14
71.00'

1.28'

+16.94
70.00'

S22°56'03"E 132.06'

5.12'

LIMITS OF CONSTRUCTION

+20.13
66.00'

12.80'

+28.12
56.00'

S22°56'03"E 455.35'

4-2-C-1

4-1

Y=689383.4342
X=3357718.6554

50.00'

110.00'

+70.06

S22°56'02.8"E
℄ STATE PROJECT NO. H.012232 DIJON DRIVE

Y=689021.0296
X=3357886.5730

56.00'

70.00'

65.00'

REQUIRED R/W
R= 775.00'
ARC= 305.34'
CH= 303.37'
CHB= N34°13'16"W

+49.04
50.00'

N22°56'03"W
48.22'

89.64'

+97.26
50.00'

N28°24'25"E
25.6'

LIMITS OF CONSTRUCTION

1-2-D-2

+26.06
70.00'

+13.26
70.00'

12.81'

5.22'

REQUIRED DRAINAGE SERVITUDE
R= 715.00'
ARC= 281.70'
CH= 279.88'
CHB= N34°13'16"W

+49.04
110.00'

N22°56'03"W 109.02'

+58.06
110.00'

P.T. STA. 156+49.04
Y=689552.1552
X=3357788.7795

STA. 158+42.98
S28°24'25"W

+40.00
65.00'

5.00'

N22°56'03"W 113.94'
REQUIRED R/W

+40.00
70.00'

N22°56'03"W
435.32'

30'
5.4'
14'
41'
34'
18'
14'

36.00'
101.00'

N67°03'57"E

LIMITS OF CONSTRUCTION

N16°23'16"W
245.60'

+40.00
166.00'

REQUIRED CONSTRUCTION SERVITUDE

℄ CURVE DATA

P.I. STA. 156+88.65
Y = 689403.7943
X = 3357724.6182
Δ = 22°34'25.4" RT.
D = 6°56'41.8"
T = 164.65'
L = 325.04'
R = 825.00'

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	AREA
4-2			DELETED	DELETED
4-2-C-1	MARUTI INVESTMENT I, LLC.	ORIG 319 BNDL 12976 AUGUST 20, 2019	0.203 Ac.	8822.6 SF
4-1-C-2	RK RESTAURANTS HOLDINGS, INC.	ORIG 86 BNDL 11427 JANUARY 3, 2003	0.704 Ac.	30681.4 SF
4-1-C-1			0.038 Ac.	1659.9 SF
4-1			1.746 Ac.	76054.9 SF

STATE OF LOUISIANA
MATTHEW S. ESTOPINAL
REG No. 4955
REGISTERED PROFESSIONAL
LAND SURVEYOR

9/14/2018

DATE	REVISION DESCRIPTION	BY
06/14/22	REVISED OWNERSHIP OF PARCEL 4-2-C-1	MSE
07/21/21	REVISED LIMITS OF CONSTRUCTION	MSE
07/21/21	REVISED PARCELS 1-2 & 1-2-D-2	MSE
07/21/21	REVISED PROJECT CENTERLINE	MSE
07/21/21	DELETED PARCEL 4-2	MSE
07/21/21	REVISED PARCELS 4-1-C-1, 4-1-C-2 & 4-2-C-1	MSE

COMPUTED MSE
CHECKED MSE
DETAILED EAE
CHECKED MSE
DATE 9/14/2018
SCALE 1" = 30'

PARISH: EAST BATON ROUGE
CONTROL SECTION: 450-10, 258-33 & 000-17
STATE PROJECT: H.012232

SHEET NUMBER 125

RIGHT OF WAY MAP
STATE PROJECT NO. H.012232
LA 3064 TO LA 1248 PHASE II
EAST BATON ROUGE PARISH
DIJON DRIVE EXTENSION

DOTD DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT

GWS ENGINEERING, INC.

FILE NO. 04-19-1-004 R/W SHEET NO. 4

Final Right of Way Map
S:\survproj\Inroads Survey\31694 GWS\Phase 21029 DIJON Constantin\Drawings\ROW_sheet_4.dgn
8/2/2022 07:13

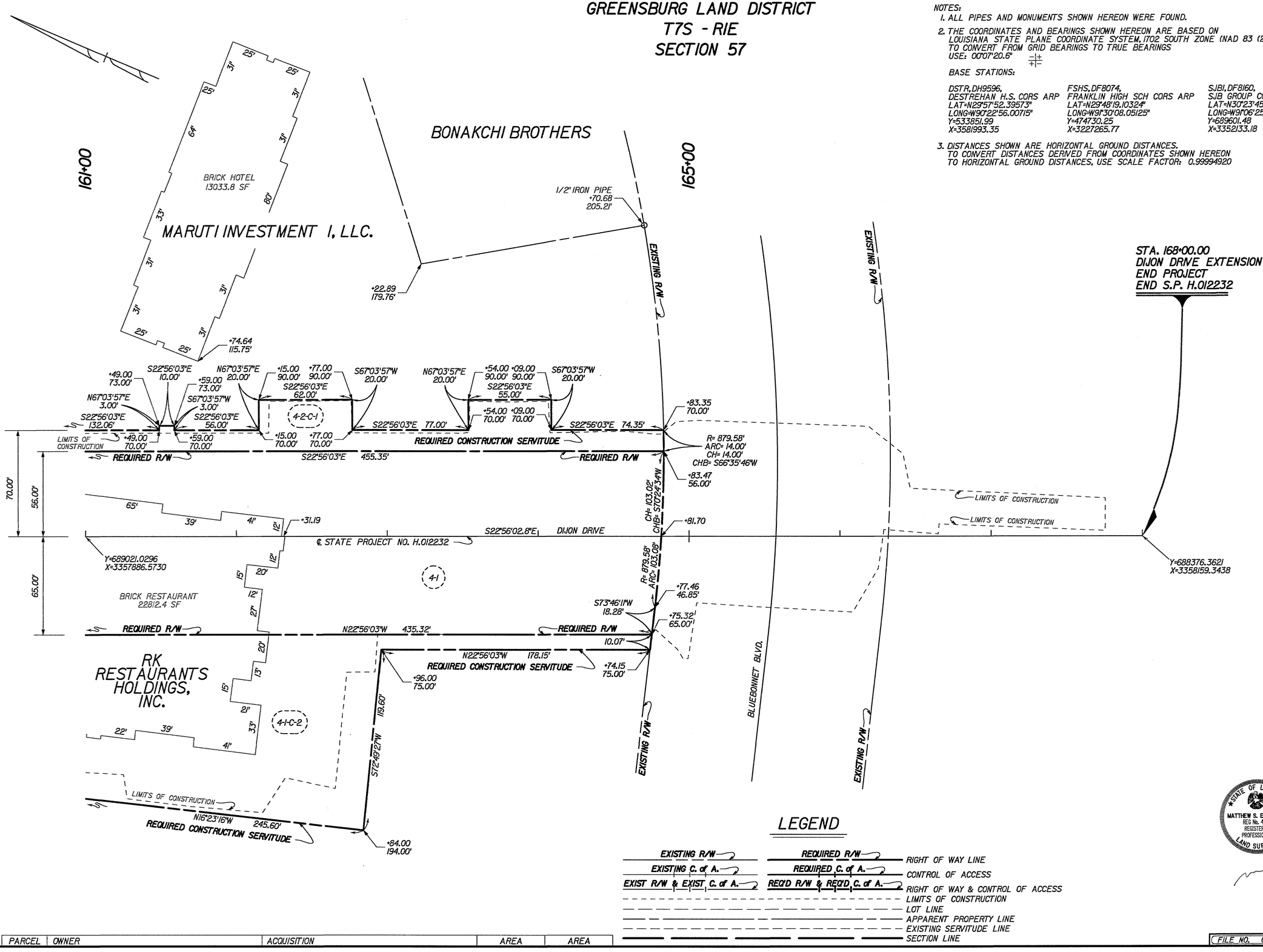
GREENSBURG LAND DISTRICT
T7S - R1E
SECTION 57

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, 1702 SOUTH ZONE (NAD 83 (2011) EPOCH 2010.00) TO CONVERT FROM GRID BEARINGS TO TRUE BEARINGS USE: 00°07'20.6"

BASE STATIONS:

DSTR, DH9596,	FSHS, DF8074,	SJBI, DF8160,
DESTREHAN H.S. CORS ARP	FRANKLIN HIGH SCH CORS ARP	SJB GROUP COOP CORS ARP
LAT=N29°57'52.39573"	LAT=N29°48'19.10324"	LAT=N30°23'45.83085"
LONG=W90°22'56.00715"	LONG=W91°30'08.05125"	LONG=W91°06'25.85434"
Y=533851.99	Y=474730.25	Y=689601.48
X=3581993.35	X=3227265.77	X=3352133.18

3. DISTANCES SHOWN ARE HORIZONTAL GROUND DISTANCES. TO CONVERT DISTANCES DERIVED FROM COORDINATES SHOWN HEREON TO HORIZONTAL GROUND DISTANCES, USE SCALE FACTOR: 0.99994920



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	AREA

MATTHEW S. ESTOPINAL
REG No. 4955
REGISTERED PROFESSIONAL
LAND SURVEYOR
STATE OF LOUISIANA
9/14/2018

FILE NO. 04-19-1-004 | R/W SHEET NO. 5

SHEET NUMBER	126
PARISH	EAST BATON ROUGE
CONTROL SECTION	450-10, 258-33 & 000-17
STATE PROJECT	H.012232
COMPUTED / CHECKED	MSE / MSE
DETAILED / CHECKED	EAE / MSE
DATE / SCALE	9/14/2018 / 1" = 30'

RIGHT OF WAY MAP
STATE PROJECT NO. H.012232
LA 3064 TO LA 1248 PHASE II
EAST BATON ROUGE PARISH
DIJON DRIVE EXTENSION

GWS ENGINEERING, INC.

DATE	REVISION DESCRIPTION	BY
06/14/22	REVISED OWNERSHIP OF PARCEL 4-2-C-1	MSE
07/21/21	REVISED LIMITS OF CONSTRUCTION	MSE
07/21/21	REVISED PARCELS 4-1, 4-1-C-2 & 4-2-C-1	MSE
07/21/21	REVISED PROJECT CENTERLINE	MSE

GREENSBURG LAND DISTRICT
T7S - R1E
SECTIONS 56 & 57

STA. 133+50.00
DIJON DRIVE EXTENSION
BEGIN CONSTRUCTION
BEGIN S.P. H.012232

OUR LADY OF THE LAKE HOSPITAL, INC.

OUR LADY OF THE LAKE HOSPITAL, INC.

SECTION 55 / SECTION 58

135+00

140+00

145+00

150+00

155+00

DB MIDWAY, LLC
R.A.=1.180 Ac.
(PER DEED)

GENERAL HEALTH SYSTEM
R.A.=10.068 Ac. Approx.
(SCALED)

SECTION 58 / SECTION 56

SECTION 56 / SECTION 57

STATE OF LOUISIANA

DIJON DRIVE

℄ STATE PROJECT NO. H.012232

BATON ROUGE CELLULAR TELEPHONE

160+00

165+00

SECTION 58 / SECTION 57

RK RESTAURANTS HOLDINGS, INC.
R.A.=0.596 Ac.
(PER DEED)

MARUTI INVESTMENT I, LLC.
R.A.=2.618 Ac.
(PER DEED)

STA. 168+00.00
DIJON DRIVE EXTENSION
END PROJECT
END S.P. H.012232

GENERAL HEALTH SYSTEM
R.A.=40.126 Ac. Approx.
(SCALED)

SUMMA DRIVE

SECTION 55 / SECTION 56

RK RESTAURANTS HOLDINGS, INC.
R.A.=1.660 Ac.
(PER DEED)

BLUEBONNET BLVD

PICARDY AVENUE

SECTION 56 / SECTION 57

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
MATTHEW S. ESTOPINAL
REG No. 4955
REGISTERED PROFESSIONAL LAND SURVEYOR
9/14/2018

SHEET NUMBER 127

PARISH	EAST BATON ROUGE
CONTROL SECTION	450-10, 228-33 & 000-17
STATE PROJECT	H.012232
COMPUTED / CHECKED	MSE / MSE
DETAILED / CHECKED	EAE / MSE
DATE / SCALE	9/14/2018 / 1" = 200'

RIGHT OF WAY MAP
STATE PROJECT NO. H.012232
LA 3064 TO LA 1248 PHASE II
EAST BATON ROUGE PARISH
DIJON DRIVE EXTENSION

GWS ENGINEERING, INC.

DATE	REVISION DESCRIPTION	BY
06/14/22	REVISED TO CONFORM WITH SHEET 1, 4 & 5	MSE
07/21/21	REVISED TO CONFORM WITH SHEETS 1, 3, 4 & 5	MSE

FILE NO. 04-19-1-004 | R/W SHEET NO. 6

ELECTRICAL GENERAL REQUIREMENTS:

SCOPE OF WORK:
THE WORK COVERED BY THIS SECTION SHALL INCLUDE FURNISHING, INSTALLING, AND PLACING INTO SATISFACTORY OPERATING CONDITION A NEW LIGHTING SYSTEM AS INDICATED IN THE PLANS, PLAN DETAILS, SPECIFICATIONS, OR AS DIRECTED BY THE PROJECT ENGINEER. THE CONTRACTOR SHALL MAKE ANY NECESSARY MODIFICATIONS OR FABRICATIONS REQUIRED FOR A COMPLETE, OPERATIONAL, AND SAFE LIGHTING SYSTEM. EVERY FITTING, MINOR DETAIL, OR FEATURE MAY NOT BE SHOWN OR DESCRIBED. THE CONTRACTOR PERFORMING THE WORK IS ASSUMED TO BE SKILLED IN THE TRADE, CAPABLE OF UNDERSTANDING THE INTENT OF THE PLANS AND SPECIFICATIONS, AND CONSTRUCTING THE LIGHTING SYSTEM IN ACCORDANCE WITH THE BEST PRACTICE OF THE TRADE.

A. PLANS AND SPECIFICATIONS
THESE PLANS AND SPECIFICATIONS ARE SUPPLEMENTAL TO THE 2016 EDITION OF "LOUISIANA STANDARD SPECIFICATIONS FOR ROADS AND BRIDGES" (HEREINAFTER CALLED THE STANDARD SPECIFICATIONS), APPLICABLE CODES, MANUFACTURER'S INSTRUCTIONS AND BEST PREVAILING CONSTRUCTION TRADE PRACTICES. THE SPECIFICATIONS AND PLANS DO NOT NECESSARILY INCLUDE OR DEFINE EVERYTHING REQUIRED FOR A COMPLETE, OPERATING, AND SAFE LIGHTING SYSTEM. THE CONTRACTOR IS EXPECTED TO POSSESS SUFFICIENT EXPERIENCE AND TECHNICAL KNOWLEDGE TO COMPLETE THE WORK IN A SAFE MANNER.

B. EQUIPMENT AND MATERIALS
EQUIPMENT AND MATERIAL SHALL BE SUITABLE FOR THE INTENDED USE AND SHALL BE FURNISHED WITH ALL NECESSARY HARDWARE AND COMPONENTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL MODIFICATIONS OR FABRICATIONS NECESSARY FOR PROPER INSTALLATION AND OPERATION OF EQUIPMENT. UNLESS SPECIFIED OTHERWISE, ALL EQUIPMENT AND MATERIAL SHALL BE NEW AND ALL LIKE EQUIPMENT AND MATERIAL SHALL BE OF THE SAME MANUFACTURER. REFERENCE TO A SPECIFIC MANUFACTURER'S NAME AND/OR CATALOG/MODEL NUMBER IS INTENDED TO DENOTE THE QUALITY OF THE EQUIPMENT OR MATERIAL AND NOT TO SPECIFICALLY EXCLUDE OTHER ACCEPTABLE PRODUCTS. DESCRIPTIVE SPECIFICATIONS, PLANS, AND SYSTEM COMPATIBILITY SHALL GOVERN OVER SPECIFIED MANUFACTURER'S NAMES AND CATALOG/MODEL NUMBERS. THE CONTRACTOR SHALL VERIFY ALL EQUIPMENT CATALOG/MODEL NUMBERS, AND AVAILABILITY WITH SUPPLIERS, AND COORDINATE WITH ALL OTHER SUB-CONTRACTORS.

C. EXISTING CONDITIONS
THE CONTRACTOR SHALL VISIT THE CONSTRUCTION SITE TO DETERMINE EXISTING CONDITIONS AND ALLOW FOR SUCH CONDITIONS WHEN COMPUTING THE BID. THE CONTRACTOR SHALL THOROUGHLY INSPECT THE SITE AND SURROUNDING AREA FOR EVIDENCE OF UNDERGROUND FACILITIES AND CONTACT COMPANIES OR AGENCIES LIKELY TO HAVE UNDERGROUND FACILITIES IN THE VICINITY OF THE PROJECT BEFORE DIGGING OR TRENCHING. THE DEPARTMENT DOES NOT LIST ITS UNDERGROUND UTILITIES WITH ANY LOCAL ONE CALL TYPE ORGANIZATIONS. THE CONTRACTOR WILL BE HELD RESPONSIBLE FOR ANY DAMAGES TO EXISTING UNDERGROUND FACILITIES CAUSED BY CONTRACTOR OPERATIONS. WHEN NEW EQUIPMENT IS INSTALLED REPLACING EXISTING EQUIPMENT, THE EXISTING EQUIPMENT AND MATERIAL SHALL BE REMOVED OR RELOCATED BY THE CONTRACTOR IN ACCORDANCE WITH THE PLANS, SPECIFICATIONS, AS DIRECTED BY THE PROJECT ENGINEER, AND/OR IN THE FOLLOWING MANNER: ANY MATERIAL AND EQUIPMENT REMOVED THAT IS DECLARED SALVAGEABLE BY THE PROJECT ENGINEER SHALL REMAIN PROPERTY OF THE DEPARTMENT AND STORED AT A LOCATION AS DIRECTED BY THE PROJECT ENGINEER. NOTE: IF THE PROJECT ENGINEER DETERMINES THAT CERTAIN EQUIPMENT IS TO REMAIN, THE PROJECT ENGINEER SHALL INSTRUCT THE CONTRACTOR ON THE SPECIFICS REGARDING HOW THE SPECIFIC EQUIPMENT IS TO BE HANDLED. ALL REMAINING MATERIAL AND EQUIPMENT SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND BE REMOVED AND PROPERLY DISPOSED OF BY THE CONTRACTOR.

D. COORDINATION
THE CONTRACTOR SHALL COORDINATE ALL WORK TO AVOID INTERFERENCE AND CONFLICTS. THE CONTRACTOR SHALL RECEIVE AND RELATE ALL COMMUNICATIONS ONLY THROUGH THE PROJECT ENGINEER OR HIS DESIGNATED REPRESENTATIVE.

E. VERIFICATION
THE CONTRACTOR SHALL VERIFY MOUNTING SPACE, EQUIPMENT DIMENSIONS, INSTALLATION REQUIREMENTS, AND ELECTRICAL CIRCUIT REQUIREMENTS OF ALL EQUIPMENT BEING SERVED PRIOR TO ORDERING ANY EQUIPMENT AND MATERIAL. WHERE CIRCUITS ARE TO SERVE SPECIFIC EQUIPMENT OR FEEDERS, THE CONTRACTOR SHALL VERIFY THE ELECTRICAL REQUIREMENTS AND EXACT LOCATION OF ALL CONNECTIONS PRIOR TO THE INSTALLATION OF THE SERVICE TO THE EQUIPMENT.

F. WARRANTIES AND GUARANTIES
THE CONTRACTOR GUARANTEES, BY HIS SIGNING OF THIS CONTRACT, ALL EQUIPMENT, APPARATUS, MATERIALS AND WORKMANSHIP FOR A PERIOD OF ONE (1) YEAR AFTER THE DATE OF FINAL ACCEPTANCE OF THIS PROJECT. PRIOR TO FINAL ACCEPTANCE OF THE PROJECT, THE CONTRACTOR SHALL FURNISH TO THE PROJECT ENGINEER THE FOLLOWING ADDITIONAL WARRANTIES AND GUARANTIES PERTAINING TO EACH PIECE OF MECHANICAL AND ELECTRICAL EQUIPMENT FURNISHED:

THE MANUFACTURER'S STANDARD WRITTEN WARRANTIES ON ALL EQUIPMENT FURNISHED ON THE PROJECT; THE CONTRACTOR'S WRITTEN GUARANTEE THAT, DURING A PERIOD OF ONE (1) YEAR AFTER FINAL ACCEPTANCE OF THE PROJECT, ALL NECESSARY REPAIRS TO OR REPLACEMENT OF SAID WARRANTED EQUIPMENT SHALL BE PERFORMED BY THE CONTRACTOR AS PART OF THE ORIGINAL CONTRACT PRICE; OTHER WARRANTIES AND GUARANTEES AS REQUIRED UNDER THE SPECIFIC ITEMS ELSEWHERE HEREIN.

G. SUBMITTALS (LSSRB 822.06)
AFTER THE ISSUANCE OF THE NOTICE TO PROCEED AND PRIOR TO COMMENCING WORK, THE CONTRACTOR SHALL PROVIDE SUBMITTALS IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS (LSSRB) PARAGRAPH 822.06

EQUIPMENT TO SUBMIT ON:
THE CONTRACTOR SHALL FURNISH, TO THE DESIGN ENGINEER FOR APPROVAL, BROCHURES, SHOP DRAWINGS, AND MANUFACTURER'S INSTALLATION INSTRUCTIONS FOR ALL ELECTRICAL EQUIPMENT LISTED ON PLAN SHEETS E-16 THRU E-18 BEFORE PROCEEDING WITH CONSTRUCTION. THE EQUIPMENT LISTED ON PLAN SHEETS E-16 THRU E-18 MAY NOT INCLUDE ALL MATERIAL THE CONTRACTOR IS TO INSTALL. AT ANY TIME, THE DESIGN AND/OR PROJECT ENGINEER MAY REQUEST ADDITIONAL EQUIPMENT SUBMITTALS.

FOR ROADWAY LIGHTING INSTALLATIONS, THE CONTRACTOR SHALL SUBMIT A PHOTOMETRIC REPORT MEASURING 22"x34". THE FOLLOWING SHALL BE INCLUDED AS A MINIMUM IN THE PHOTOMETRIC REPORT: LIGHT DISTRIBUTION, EFFICIENCY, ZONAL LUMEN OUTPUT, HORIZONTAL ILLUMINANCE, VEILING (GLARE) CALCULATIONS, LUMINAIRE AND POLE CHARACTERISTICS, AND A ROADWAY AND/OR INTERSECTION DIAGRAM ILLUSTRATING FOOT-CANDLE LEVELS AT VARIOUS POINTS ALONG EACH ROADWAY SEGMENT. THE CONTRACTOR MAY CONTACT THE DESIGN ENGINEER FOR ASSISTANCE WITH RETRIEVING A CAD DRAWING(S) (IF APPLICABLE) IN ORDER TO ASSIST THE CONTRACTOR WITH PREPARATION OF THE PHOTOMETRIC REPORT.

WHEN SUBMITTING STRUCTURAL POLE DATA, ALL SHOP DRAWINGS AND CALCULATIONS MUST BE FACTORY CERTIFIED BY A STRUCTURAL/CIVIL ENGINEER IN ORDER TO SHOW COMPLIANCE WITH THE PLANS AND AASHTO CRITERIA.

BOTH THE DESIGN AND/OR PROJECT ENGINEER RESERVE THE RIGHT TO REQUEST SUBMITTALS ON ITEMS NOT LISTED ABOVE AND TAKE RANDOM TEST SAMPLES FROM THE MATERIALS, EQUIPMENT, AND APPARATUS FURNISHED.

H. ELECTRICAL EQUIPMENT, APPARATUS & MATERIALS
FOR ALL ELECTRICAL EQUIPMENT, MATERIALS, AND APPARATUS TO BE FURNISHED AND USED ON THIS PROJECT, THE CONTRACTOR SHALL SUBMIT BROCHURES AND INSTALLATION INSTRUCTIONS TO THE DESIGN ENGINEER FOR APPROVAL. THE SUBMITTALS SHALL BE MADE IN ACCORDANCE WITH PARAGRAPH G "SUBMITTALS" OF THESE SPECIFICATIONS. THE SUBMITTALS SHALL HAVE DIMENSIONS, WEIGHTS, MOUNTING DATA, PERFORMANCE DATA, AND ALL OTHER INFORMATION THAT IS REQUIRED TO SHOW COMPLETE CONFORMANCE WITH THE SPECIFICATIONS. DESCRIPTIVE SPECIFICATIONS, PLANS AND SYSTEM COMPATIBILITY SHALL GOVERN OVER SPECIFIED MANUFACTURER'S NAMES, MODEL NUMBERS, OR CATALOG NUMBERS. THE CONTRACTOR SHALL VERIFY ALL EQUIPMENT MODEL NUMBERS, CATALOG NUMBERS, AND VERIFY AVAILABILITY WITH SUPPLIERS. THE CONTRACTOR SHALL COORDINATE WITH ALL OTHER SUB-CONTRACTORS. THE CONTRACTOR SHALL FURNISH TO THE DESIGN ENGINEER FOR APPROVAL, LAYOUT DRAWINGS FOR THE POWER CIRCUITS ANY CHANGES TO THESE DRAWINGS SHALL BE SO NOTED AND ENCLOSED IN THE MAINTENANCE MANUALS AS "AS-BUILTS".

I. RECORD AS-BUILT DRAWINGS (LSSRB 822.06.5)
ELECTRICAL RECORD DRAWINGS SHALL BE FURNISHED IN ACCORDANCE WITH STANDARD SPECIFICATIONS (LSSRB) PARAGRAPH 822.06.5.

J. OPERATION AND MAINTENANCE (O & M) MANUALS (LSSRB 822.06.6)
THE CONTRACTOR SHALL PREPARE AND SUBMIT AN ELECTRICAL OPERATION AND MAINTENANCE MANUAL IN ACCORDANCE WITH STANDARD SPECIFICATIONS (LSSRB) PARAGRAPH 822.06.6.

K. CODES AND FEES
ALL MATERIAL FURNISHED AND ALL WORK PERFORMED SHALL BE IN ACCORDANCE WITH ALL STATE LAWS, CODES, RULES AND REGULATIONS. THE CONTRACTOR SHALL FILE FOR AND OBTAIN ALL NECESSARY STATE PERMITS. THE CONTRACTOR SHALL PAY ALL FEES FOR STATE PERMITS AND LICENSES REQUIRED TO COMPLETE THE PROJECT IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS.

L. QUANTITIES
ESTIMATED QUANTITIES ARE GIVEN ON THE PLANS FOR INFORMATIONAL PURPOSES ONLY. THE CONTRACTOR IS REQUIRED TO COMPUTE AND FURNISH THE QUANTITY OF MATERIALS NECESSARY TO COMPLETE THE WORK AS DETAILED ON THE PLANS AND SPECIFIED HEREIN.

M. MATERIALS AND EQUIPMENT
ALL MATERIAL, EQUIPMENT, AND ACCESSORIES INSTALLED UNDER THIS CONTRACT SHALL CONFORM TO THE RULES AND CODES AS RECOMMENDED BY THE NATIONAL ASSOCIATIONS GOVERNING. ALL MATERIALS SHALL BE NEW AND OF BEST QUALITY. THE CONTRACTOR SHALL PROTECT THE ENTIRE SYSTEM AND ALL PARTS THEREOF FROM INJURY DURING THE PROCESS AND UP TO THE ACCEPTANCE OF WORK.

N. IDENTIFICATION
EACH PIECE OF EQUIPMENT FURNISHED SHALL HAVE PERMANENT IDENTIFICATION AND SHALL BE IDENTIFIED AS FOLLOWS:

CONDUCTOR IDENTIFICATIONS: CONDUCTOR SIZES AWG #6 AND SMALLER SHALL BE IDENTIFIED BY COLOR CODING THEIR ENTIRE LENGTH. ALL OTHER CONDUCTORS SHALL HAVE INDIVIDUAL PERMANENT IDENTIFICATION AT EACH TERMINATION, SPLICE, TAP, JUNCTION BOX, AND EQUIPMENT ENCLOSURE.

SECONDARY POWER (LIGHTING) CONTROLLERS, DISCONNECTS, LIGHT POLES, ETC.:
SECONDARY POWER (LIGHTING) CONTROLLERS, DISCONNECTS, LIGHT POLES, AND OTHER EQUIPMENT SHALL BE IDENTIFIED BY LABELS LOCATED AS INDICATED ON THE PLANS OR AS REQUIRED BY THE PROJECT ENGINEER. LABEL MATERIAL SHALL BE AS DESCRIBED ON THE PLANS OR AS REQUIRED BY THE PROJECT ENGINEER AND BE FASTENED TO THE EQUIPMENT USING STAINLESS STEEL MARINE DUTY HARDWARE HAVING A MINIMUM YIELD STRENGTH OF 30,000 PSI. LABELS SHALL CLEARLY IDENTIFY THE EQUIPMENT BEING SERVED, AND WHEN NECESSARY, ITS FUNCTION. LABELS FOR LIGHT POLES SHALL BE WITH POLE MARKER AND OWNERSHIP PLATES AS INDICATED ON THE PLANS.

CIRCUIT SCHEDULES: EACH CONTROLLER SHALL HAVE A TYPED CIRCUIT SCHEDULE PERMANENTLY MOUNTED INSIDE THE CONTROLLER. THE CIRCUIT SCHEDULE SHALL LIST WHICH LUMINAIRES ARE CONTROLLED BY EACH CIRCUIT BREAKER.

O. TESTS
PRIOR TO FINAL ACCEPTANCE AND AS DIRECTED BY THE PROJECT ENGINEER DURING CONSTRUCTION, THE LIGHTING SYSTEM SHALL BE TESTED ACCORDING TO SECTION 822.09 "SYSTEM TESTING" OF THE "STANDARD SPECIFICATIONS". THE CONTRACTOR SHALL FURNISH ALL EQUIPMENT NECESSARY TO CONDUCT ALL TESTS. IF ANY COMPONENT BECOMES DEFECTIVE DURING TESTING, THE CONTRACTOR SHALL CORRECT OR REPLACE THE DEFECTIVE COMPONENT(S) AND RE-START TESTING AS DIRECTED BY THE PROJECT ENGINEER. NOTE: THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COST OF ALL ELECTRICAL UTILITIES CONSUMED DURING TESTING THAT IS PERFORMED PRIOR TO FINAL ACCEPTANCE.

GROUND RESISTANCE TEST: THE CONTRACTOR SHALL PERFORM GROUND RESISTANCE TESTS AT EACH SERVICE GROUNDING SYSTEM. GROUND RESISTANCE TESTS SHALL BE CONDUCTED USING A 3- OR 4-POINT FALL-OF-POTENTIAL METHOD DEFINED BY IEEE STANDARD #81 OR OTHER INDUSTRY APPROVED TEST METHOD. EACH GROUNDING ELECTRODE SHALL BE TESTED PRIOR TO CONNECTION TO THE GROUND SYSTEM. RESISTANCE-TO-GROUND OF THE GROUND SYSTEM SHALL NOT EXCEED 25 OHMS. GROUND RESISTANCE MEASUREMENTS SHALL BE CONDUCTED IN NORMALLY DRY CONDITIONS NOT LESS THAN 48 HOURS AFTER THE LATEST RAINFALL. ALL GROUND RESISTANCE TESTS SHALL BE CONDUCTED IN THE PRESENCE OF THE PROJECT ENGINEER AND THE DEPARTMENT'S ELECTRICAL INSPECTOR. THE CONTRACTOR SHALL DOCUMENT ALL TEST RECORDINGS AND PROVIDE A COPY OF ALL TESTS REPORTS TO THE PROJECT ENGINEER AND ELECTRICAL INSPECTOR UPON COMPLETION.

P. CLEAN-UP AND MAINTENANCE OF THE WORK AREAS
THE CONTRACTOR SHALL NOT ALLOW ACCUMULATION OF SCRAP, DEBRIS, WASTE, OR OTHER ITEMS NOT REQUIRED FOR CONSTRUCTION OF THIS PROJECT. THE CONTRACTOR SHALL RETAIN ALL STORED ITEMS IN AN ORDERLY ARRANGEMENT ALLOWING MAX. ACCESS, NOT TO IMPEDE DRAINAGE OR TRAFFIC AND PROVIDE REQUIRED PROTECTION OF MATERIALS. PRIOR TO FINAL ACCEPTANCE, THE CONTRACTOR SHALL REMOVE ALL TOOLS, SURPLUS MATERIALS, EQUIPMENT, SCRAP, DEBRIS, AND WASTE FROM THE JOB SITE AND CLEAN ALL AREAS ON AND ADJACENT TO THE SITE SOILED BY CONSTRUCTION OF THIS PROJECT.

W. CHESAE KNIGHT
License No. 15365
PROFESSIONAL ENGINEER
ELECTRICAL ENGINEERING

SHEET NUMBER 140
PARISH: EAST BATON ROUGE
CONTROL SECTION:
STATE PROJECT: H.012232
DESIGNED BJK
CHECKED WCK
DETAILED BJK
CHECKED WCK
SERIES NUMBER 1 OF 1
NO. | DATE | REVISION OR CHANGE ORDER DESCRIPTION | BY

GENERAL REQUIREMENTS

LA 3064 TO LA 1248 PHASE II

DOTD

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ELECTRICAL GENERAL NOTES:

1. NO EQUIPMENT SHALL BE ORDERED OR INSTALLED UNTIL IT HAS BEEN APPROVED. APPROVAL DOES NOT RELIEVE THE CONTRACTOR FROM CONFORMANCE WITH THE CONTRACT, EXTEND TO QUANTITIES OR DIMENSIONS, IMPLY THAT THE EQUIPMENT CAN BE INSTALLED OR WILL OPERATE SATISFACTORILY, THAT THE EQUIPMENT CONTAINS ALL NECESSARY COMPONENTS, OR THAT IT WILL COORDINATE WITH OTHER APPROVED ITEMS.
2. MINIMUM SIZE CONDUIT SHALL BE 3/4" ABOVE GROUND AND 1" BELOW GROUND. MINIMUM WIRE SIZE SHALL BE #12 AWG. MINIMUM SIZE CIRCUIT BREAKER(S) SHALL BE 20 AMP. PROVIDE WORK SPACE CLEARANCE FOR ALL ELECTRICAL EQUIPMENT ACCORDING TO N.E.C. MAXIMUM FILL ALLOWANCE FOR CONDUCTORS IN CONDUIT SHALL BE 25% IN LIEU OF THE 40% ALLOWED BY N.E.C.
3. IN ANY CASE WHERE THE DESIGN HEREIN DIFFERS FROM THE MINIMUM REQUIREMENTS SET DOWN BY THE NATIONAL ELECTRICAL CODE (N.E.C.), THE CONTRACTOR SHALL MAINTAIN THE HIGHER LEVEL.
4. ALL UNDERGROUND NON-METALLIC (NM) CONDUITS SHALL CONTAIN A BARE STRANDED COPPER GROUNDING CONDUCTOR OF TYPE AND SIZE AS INDICATED IN THE PLANS. ALL OTHER GROUNDING CONDUCTORS SHALL HAVE GREEN INSULATION.
5. WHEN FLEXIBLE METALLIC CONDUITS ARE REQUIRED, BX, MC, OR ARMORED CABLE SHALL NOT BE ALLOWED. REFER TO PLAN SHEET #E-4 "PARAGRAPH D" FOR ADDITIONAL REQUIREMENTS ON LIQUID-TIGHT FLEXIBLE METAL (LTFM) CONDUIT INSTALLATIONS. FLEXIBLE CONDUIT INSTALLATIONS TO UNDERPASS LUMINAIRES SHALL BE 1'-6" MAXIMUM LENGTHS. FLEXIBLE CONDUIT INSTALLATIONS FROM STRUCTURE TO STRUCTURE SHALL BE 3'-0" MAXIMUM LENGTHS.
6. THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER, CITY OF BATON ROUGE, AND ENTERGY (PHONE (800) 368-3749) TO SET UP THE REQUIRED NEW ACCOUNT(S) AND COORDINATE THE INSTALLATION OF THE REQUIRED ELECTRICAL SERVICE EQUIPMENT FOR EACH ELECTRICAL SERVICE POINT AND SECONDARY POWER CONTROLLER. SERVICE TRANSFORMERS FOR EACH LOCATION SHALL BE POLE MOUNT, CENTER-TAP, 240/120 VOLT, SINGLE PHASE, AND BE PROVIDED AND INSTALLED BY THE ELECTRICAL UTILITY CO. TRANSFORMER kVA RATINGS SHALL BE AS REQUIRED BY THE ELECTRICAL UTILITY CO. REFER TO PLAN SHEET #E-10 FOR DESIGN kVA LOADS AND PLAN SHEETS #E-11 THRU E-15 FOR ADDITIONAL REQUIREMENTS FOR EACH ELECTRICAL SERVICE POINT. PRIOR TO ANY CONSTRUCTION OR SERVICE TIE-INS, THE CONTRACTOR SHALL VERIFY ALL ELECTRICAL SERVICE (PRIMARY, SECONDARY, AND TEMPORARY) AND THE LOCATION OF ALL ELECTRICAL SERVICE EQUIPMENT WITH THE PROJECT ENGINEER, THE CITY OF BATON ROUGE, AND ENTERGY REPRESENTATIVES. THE ENTERGY REPRESENTATIVE IS DAVID BARBAY (PHONE (225) 382-4812).
7. EQUIPMENT LAYOUTS ARE DIAGRAMMATIC. THEY DO NOT SHOW THE EXACT EQUIPMENT QUANTITIES AND LOCATIONS. THE EXACT LOCATIONS OF ALL EQUIPMENT SHALL BE SUCH THAT WHEN INSTALLED, THE EQUIPMENT WILL NOT INTERFERE WITH ANY NEW OR EXISTING UTILITIES OR STRUCTURES. THE FINAL LOCATIONS OF ALL EQUIPMENT SHALL BE AS DIRECTED BY THE PROJECT ENGINEER. THE CONTRACTOR SHALL INSTALL ALL LIGHTING IMPROVEMENTS WITHIN THE REQUIRED RIGHT-OF-WAY. THE LAYOUT SHEETS ARE INTENDED ONLY FOR A GENERAL OVERVIEW OF THE WORK REQUIRED. OMISSION FROM THE LAYOUT SHEETS OF ANY ITEM SHOWN ELSEWHERE IN THE PLANS DOES NOT RELIEVE THE CONTRACTOR FROM THE RESPONSIBILITY FOR ANY ASSOCIATED WORK.
8. ARC FLASH: ANY CABINET CONTAINING CIRCUIT BREAKERS OR CONTACTORS SHALL BE FIELD MARKED IN ACCORDANCE WITH NEC 110.16 TO WARN QUALIFIED PERSONS OF THE POTENTIAL OF ELECTRIC ARC FLASH HAZARD.
9. THE PLANS DO NOT NECESSARILY SHOW ALL UNDERGROUND FACILITIES. PRIOR TO ANY EXCAVATION, THE CONTRACTOR SHALL VERIFY THE LOCATION FOR EVIDENCE OF UNDERGROUND FACILITIES. NOTE: THE DEPARTMENT DOES NOT LIST ITS UNDERGROUND UTILITIES WITH ANY LOCAL ONE CALL TYPE ORGANIZATIONS. THEREFORE, IN ADDITION TO OTHER SOURCES, THE CONTRACTOR MUST NOTIFY THE PROJECT ENGINEER, THE DISTRICT UTILITY REPRESENTATIVE, AND THE DEPARTMENT'S TELECOMMUNICATIONS DIVISION IN ORDER TO COORDINATE WITH THE LOCATION OF ANY UNDERGROUND UTILITIES (WATER, ELECTRIC, GAS, FIBER OPTIC, TELEPHONE, ETC.) AND TO OBTAIN ANY ADDITIONAL INFORMATION CONCERNING THE DEPARTMENT'S UNDERGROUND UTILITIES. CONTACT INFORMATION FOR ALL PARTIES MAY BE OBTAINED FROM EITHER THE PROJECT ENGINEER OR DURING THE PRE-CONSTRUCTION MEETING. THE RESPONSIBILITY FOR DAMAGES AND FOR WORK PLACE SAFETY STILL REMAINS WITH THE CONTRACTOR. THE DEPARTMENT WILL NOT BE RESPONSIBLE FOR DAMAGE TO UNDERGROUND FACILITIES CAUSED BY THE CONTRACTOR'S OPERATIONS.
10. CONDUCTORS SHALL NOT BE PULLED INTO CONDUITS UNTIL THE CONDUIT SYSTEM HAS BEEN INSPECTED AND APPROVED BY THE PROJECT ENGINEER.
11. ALL CONDUITS PLACED WITHIN TRENCHES SHALL BE HAND PLACED WITHIN THE TRENCH AND THE TRENCH BACKFILLED TO THE SATISFACTION OF THE PROJECT ENGINEER ON THE SAME DAY. WHEN POSSIBLE, MULTIPLE CONDUIT RUNS SHALL BE PLACED WITHIN COMMON TRENCHES.
12. THE CONTRACTOR SHALL REFER TO PLAN SHEET #E-4 "PARAGRAPH I" FOR REQUIREMENTS AND SPECIFICATIONS ON GROUNDING THE ELECTRICAL SYSTEM.
13. PLAN SHEETS CONTAINING POLE SCHEDULES AND ELECTRICAL DETAILS ARE TO ASSIST THE CONTRACTOR WITH BIDDING AND EQUIPMENT INSTALLATION. FOR SOME EQUIPMENT, MORE THAN ONE ELECTRICAL DETAIL MAY BE REFERENCED OR REQUIRED.
14. THE CONTRACTOR SHALL KEEP ONE (1) FULL SIZE (22" X 34"), UP-TO-DATE, CLEAN, AND NEAT SET OF AS-BUILT DRAWINGS ON THE JOB SITE AT ALL TIMES. THIS SET OF AS-BUILT DRAWINGS SHALL DENOTE ALL CURRENT CONSTRUCTION, FIELD CHANGES, CHANGES IN QUANTITIES, NOTES, ETC. PERFORMED DAILY THROUGHOUT THE COURSE OF THE PROJECT. REFER TO PLAN SHEET #E-1 PARAGRAPH I "RECORD AS BUILT DRAWINGS" FOR ADDITIONAL REQUIREMENTS.
15. THE CONTRACTOR SHALL ORIENT EACH LUMINAIRE PER THE MANUFACTURER'S INSTRUCTIONS IN ORDER TO PROVIDE THE ILLUMINANCE PERFORMANCE VALUES INDICATED ON THE APPROVED PHOTOMETRIC REPORT.
16. THE CONTRACTOR SHALL NOT POUR LIGHT POLE FOUNDATIONS UNTIL THE PHOTOMETRICS SUBMITTED BY THE CONTRACTOR HAVE BEEN APPROVED BY THE DESIGN ENGINEER AND THE PROJECT ENGINEER HAS BEEN NOTIFIED ACCORDINGLY.
17. PRIOR TO INSTALLING ANY BREAKAWAY CABLE SYSTEM, THE CONTRACTOR SHALL CONTACT THE BREAKAWAY CABLE SYSTEM MANUFACTURER TO SCHEDULE FIELD TRAINING.

STATE OF LOUISIANA
W. ENGLISE KNIGHT
License No. 15361
PROFESSIONAL ENGINEER
ELECTRICAL ENGINEERING

SHEET NUMBER 141

EAST BATON ROUGE | PARISH | H.012232 | STATE PROJECT

DESIGNED BJK | CHECKED WCK | DETAILED BJK | CHECKED WCK | SERIES NUMBER 1 OF 1

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STATE OF LOUISIANA
DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT

GENERAL NOTES

LA 3064 TO LA 1248 PHASE II

DOTD | Stantec

ELECTRICAL SPECIFICATIONS:

A. ROADWAY LUMINAIRE (LOW MAST) (LED)
THE LUMINAIRE SHALL BE CONSTRUCTION DESIGNED FOR USE IN ROADWAY LIGHTING APPLICATIONS AND CAPABLE OF OPERATING FROM A NOMINAL VOLTAGE POWER SOURCE AND FREQUENCY (HZ) AS INDICATED ON THE PLANS. THE LUMINAIRE MANUFACTURER, TYPE AND MODEL SHALL BE AS INDICATED ON THE PLANS.

THE LUMINAIRE SHALL HAVE A HEAVY DUTY CAST ALUMINUM HOUSING AND DOOR RATED, AT A MINIMUM, IP54 WITH EXTRUDED ALUMINUM HEAT SINK. HOUSING COLOR SHALL BE GRAY. THE LUMINAIRE SHALL HAVE A TOOL-LESS ENTRY, HINGED REMOVABLE POWER TRAY DOOR FOR MAINTENANCE. THE LUMINAIRE SHALL MEET PROPOSED ANSI C136.31 REQUIREMENTS (3G RATING) FOR BRIDGE AND UNDERPASS VIBRATION. THE LED PACKAGE HOUSING SHALL BE RATED, AT A MINIMUM, IP66. THE LED ENGINE HOUSING SHALL BE RATED, AT A MINIMUM, IP66.

THE LUMINAIRE SHALL BE UL LISTED FOR WET LOCATIONS WITH IP66 ENCLOSURE RATING. THE LUMINAIRE SHALL HAVE A TEN YEAR WARRANTY. THE LUMINAIRE SHALL HAVE A 20KV COMMON SURGE (LINE TO GROUND) UL 1449 SURGE PROTECTION AND 10KA DIFFERENTIAL SURGE PROTECTION (LINE TO LINE). SURGE PROTECTION SHALL MEET OR EXCEED ANSI C136.2 REQUIREMENTS. THE LUMINAIRE SHALL HAVE A MINIMUM LUMEN EFFICACY OF 110 LM/W. THE LUMINAIRE SHALL HAVE A MINIMUM POWER FACTER OF 90%.

THE LED LIGHT ENGINE SHALL BE RATED >100,000 HOURS AT 25° C, L70. THE LED'S SHALL BE RATED >100,000 HOURS AT 25°C, L70. THE LIGHT OUTPUT SHALL BE ADJUSTABLE VIA IN-FIXTURE SWITCH. PREDICTED LUMEN DEPRECIATION OF GREATER THAT 60,000 HOURS (L70) IESNA TM-21 STANDARD.

THE LUMINAIRE SHALL OPERATE WITHIN THE TEMPERTURE RANGE OF -40°F TO 104°F (-40°C TO 40°C) WITH NO PERMANENT DAMAGE TO THE LUMINAIRE.

THE LUMINAIRE SHALL HAVE ZERO (0) UPLIGHT.

THE LUMINAIRE SHALL CONFORM TO ANSI C136.15-2011 FIELD IDENTIFICATION STANDARDS.

THE LUMINAIRE SHALL HAVE AN EFFECTIVE PROJECTED AREA (EPA) OF 0.78 OR LESS SQUARE FEET, AND BE NO MORE THAN FOUR (4")INCHES HIGH.

LED MODULE SHALL BE 4000K. DISTRIBUTION SHALL BE TYPE II ROADWAY (T2R).

LUMINAIRES MUST BE PROVIDED WITH COMPLETE PHOTOMETRIC PLAN ON 22" X 34" LAYOUT WITH CALCULATIONS SHOWING THAT THE PROPOSED LUMINAIRE CAN MEET THE FOLLOWING CRITERIA USING THE SAME POLE LOCATION AND MOUNTING HEIGHTS AS SHOWN ON THE PLANS:

- MINIMUM FC = 0.5
- AVERAGE FC = 1.6
- AVG/MIN (UNIFORMITY) = 3:1
- VEILING LUMINANCE (MAX) = 0.3

ACCEPTABLE MANUFACTURERS AND TYPES ARE GE EVOLVE, AMERICAN ELECTRIC AUTOBAHN, PHILIPS ROADVIEW, AND ECOLITE.

B. POLE (LOW MAST)
POLES SHALL BE 35 FOOT ROUND TAPERED ALUMINUM WITH 8 FOOT ARMS AND BREAKAWAY BASES.

ACCEPTABLE MANUFACTURERS ARE VALMONT, COOPER AND LITHONIA.

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License No 15365
PROFESSIONAL ENGINEER
IN
ELECTRICAL ENGINEERING

E-3

SHEET NUMBER 142

PARISH	CONTROL SECTION	STATE PROJECT
EAST BATON ROUGE		H.012232

DESIGNED	CHECKED	DETAILED	CHECKED	SERIES NUMBER
BJK	WCK	BJK	WCK	1 OF 2

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ELECTRICAL SPECIFICATIONS

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BOTD

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ELECTRICAL SPECIFICATIONS:

C. ORDINANCES, RULES, AND REGULATIONS

ALL MATERIAL AND CONSTRUCTION SHALL CONFORM TO THE REQUIREMENTS OF ALL BUILDING CODES, SANITARY CODES AND ORDINANCES IN FORCE IN THE LOCALITY IN WHICH THE WORK IS TO BE DONE. ALL MATERIALS AND CONSTRUCTION SHALL ALSO CONFORM TO THE RULES AND REGULATIONS OF THE NATIONAL FIRE PROTECTION ASSOCIATION (NFPA), UNDERWRITER LABORATORIES (UL), NATIONAL ELECTRIC CODE (NEC), AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI), INSULATED CABLE ENGINEER'S ASSOCIATION (ICEA), NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION (NEMA), AMERICAN WIRE GAUGE (AWG), AMERICANS WITH DISABILITIES ACT ACCESSIBILITIES GUIDELINES (ADAAG), AND SECTION 822 OF THE LOUISIANA STANDARD SPECIFICATIONS FOR ROADS AND BRIDGES. THE CONTRACTOR SHALL PAY FOR ANY REQUIRED PERMITS AND INSPECTIONS.

D. CONDUIT SYSTEM

ALL CONDUITS SHALL BE INSTALLED CONCEALED UNLESS NOTED OTHERWISE ON THE PLANS. UNDERGROUND CONDUITS SHALL BE INSTALLED 3'-0" BELOW GRADE UNLESS SPECIFIED OTHERWISE. MARKER TAPE (SEE RL520) SHALL BE PLACED ABOVE ALL UNDERGROUND CONDUITS CARRYING ELECTRICAL CONDUCTORS. ALL CONDUITS WITHIN TRENCHES SHALL BE HAND PLACED INSIDE THE TRENCH, AND THE TRENCH BACKFILLED TO THE SATISFACTION OF THE ENGINEER ON THE SAME DAY. WHEN POSSIBLE, MULTIPLE CONDUIT RUNS SHALL BE PLACED IN A COMMON TRENCH. RACEWAYS CONTAINING BOTH LINE AND LOAD SIDE CONDUCTORS ARE PROHIBITED.

RIGID STEEL CONDUIT AND FITTINGS:

RIGID STEEL CONDUIT SHALL CONFORM TO CURRENT NEC CODE, FEDERAL SPECIFICATION WW-C-581 (CLASS 1 TYPE A), UL SAFETY STANDARD 6, AND ANSI C80.1 SPECIFICATIONS. ALL CONDUITS ENTERING THE GROUND, CONCRETE SLABS, FOUNDATIONS, OR WHERE INDICATED ON THE PLANS SHALL BE THREADED GALVANIZED RIGID STEEL. GALVANIZED RIGID STEEL RISER SECTION(S) SHALL EXTEND FROM THE SERVICE HEAD, OR LAST ABOVE GROUND JUNCTION BOX, TO THE UNDERGROUND NON-METALLIC (NM) CONDUIT COUPLING. RIGID STEEL CONDUIT FITTINGS SHALL BE THREADED TYPE WITH CAST OR MALLEABLE IRON BODIES AND COVERS HAVING ZINC FINISH, SOLID NEOPRENE GASKETS, AND MARINE DUTY STAIN. STEEL HARDWARE WITH MINIMUM 30,000 PSI YIELD STRENGTH.

RIGID ALUMINUM CONDUIT AND FITTINGS:

NOT USED.

NON-METALLIC CONDUITS (NM) AND FITTINGS:

NON-METALLIC CONDUIT AND FITTINGS SHALL BE SCHEDULE 40 OR 80 PVC OR SCHEDULE 40 OR 80 HIGH DENSITY POLYETHYLENE AND BE INSTALLED IN LOCATIONS AS INDICATED ON THE PLANS. NON-METALLIC CONDUITS SHALL BE UL LISTED, SUNLIGHT RESISTANT, AND CONFORM TO CURRENT UL SAFETY STANDARD 651, NEMA TC-2, AND NEC CODE SPECIFICATIONS. NON-METALLIC (NM) CONDUITS SHALL NOT BE INSTALLED ABOVE THE GROUND OR SLABS, SHALL BE INSTALLED 4 FEET (MINIMUM) FROM SHOULDERS, AND BURIED 3'-0" MINIMUM UNDERGROUND UNLESS INSTALLED UNDER CONCRETE SLABS. WITH THE EXCEPTION OF GALVANIZED RIGID STEEL SECTIONS, UNDERGROUND CONDUITS SHALL HAVE NO VERTICAL BENDS OR RUNS.

LIQUID-TIGHT FLEXIBLE METALLIC CONDUIT (LFMC) AND FITTINGS:

NOT USED.

E. WIRE AND CABLE

UNLESS NOTED OTHERWISE IN THE PLANS, ALL CONDUCTORS SHALL BE INSTALLED IN RACEWAYS AND SHALL BE CLASS B STRANDED COPPER HAVING 600 VOLT RATED CROSS-LINKED POLYETHYLENE INSULATION (TYPE XHHW-2) CONFORMING TO INSULATED CABLE ENGINEERS ASSOCIATION (ICEA) STANDARD S-95-658, INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS (IEEE) 1202, FEDERAL SPECIFICATION A-A-59544, NEMA PUBLICATION NO. WC-70, AND THE NEC FOR CROSS-LINKED THERMOSETTING POLYETHYLENE INSULATED WIRE AND POWER CABLE. WHERE CONDUCTORS ARE CONNECTED TO, OR INSTALLED NEAR HEAT PRODUCING EQUIPMENT (LUMINARIES, HEATERS, MOTORS, ETC.), THE CONDUCTOR INSULATION FOR THE AFFECTED CONDUCTORS SHALL HAVE A TEMP. RATING IN EXCESS OF THE TEMP. EXPECTED TO BE ENCOUNTERED.

F. WIRE CONNECTIONS AND DEVICES

THE ELECTRICAL CONTRACTOR SHALL PROVIDE ALL NECESSARY CONNECTIONS TO ALL EQUIPMENT REQUIRING ELECTRICAL SERVICE. UNLESS NOTED OTHERWISE, ALL SPLICES, JOINTS, TAPS, AND CONNECTIONS SHALL BE MADE IN JCT. BOXES OR EQUIP. ENCLOSURES. SPLICES SHALL NOT BE PERMITTED IN CONDUIT BODIES OR RACEWAYS. SPLICES SHALL BE MADE WITH INSULATED COMPRESSION TYPE CONNECTORS. SCREW-ON TYPE WIRE NUTS AND PUSH-IN CONNECTORS ARE PROHIBITED. SERVICE AND FEEDER CONDUCTORS SHALL BE INSTALLED THEIR ENTIRE LENGTH WITHOUT SPLICES. WHERE TAPS ARE REQUIRED FROM FEEDER OR SERVICE CONDUCTORS, TAPS SHALL BE MADE WITHOUT CUTTING MAIN CONDUCTORS. TAPS SHALL BE MADE WITH PARALLEL TYPE GUTTER TAP CONNECTORS HAVING INSULATED COVERS. DISTRIBUTION TYPE TERMINAL BLOCKS SHALL BE COPPER, NUMBER OF POLES AS NEEDED, INTERMEDIATE SIZE, BOX TO BOX CONNECTORS (EQUAL TO FERRAZ-SHAWMUT MODEL #66512 AND/OR #66513.) BRANCH CIRCUIT AND CONTROL CIRCUIT TERMINAL BLOCKS SHALL BE ONE PIECE BARRIER TYPE, 600 VAC, AND HAVE HIGH PRESSURE BOX LUG TERMINALS SUITABLE FOR COPPER CONDUCTORS.

G. SUPPORTING DEVICES AND MOUNTING HARDWARE, FASTENERS, NUTS, BOLTS, WASHERS, AND CONCRETE ANCHORS

EQUIPMENT SUPPORTS:

SUPPORTS SHALL BE SUITABLE FOR THE ENVIRONMENT AND SHALL BE CAPABLE OF SUPPORTING A MINIMUM OF FIVE (5) TIMES THE ACTUAL LOAD OF THE EQUIPMENT ALONG WITH THE ANY ADDITIONAL LOADS LIKELY TO BE ENCOUNTERED. LUMINAIRES SHALL BE INDEPENDENTLY SUPPORTED FROM STRUCTURES. A SAFETY CHAIN OR WIRE SHALL BE INCLUDED AND BE CONNECTED FROM THE LUMINAIRE TO THE STRUCTURE WHICH CAN SUPPORT THE EQUIPMENT. FABRICATED SUPPORTS FOR EQUIPMENT, WHEN APPLICABLE, SHALL BE SUBMITTED FOR APPROVAL BEFORE FABRICATION AND INSTALLATION.

CONDUIT SUPPORTS:

CONDUCTORS IN HORIZONTAL AND VERTICAL RACEWAYS (BOTH RIGID AND FLEXIBLE) SHALL BE SUPPORTED AS REQUIRED BY THE NATIONAL ELECTRICAL CODE.

MOUNTING HARDWARE, FASTENERS, NUTS, BOLTS, WASHERS, AND CONCRETE ANCHORING SYSTEMS:

UNLESS NOTED OTHERWISE, ALL MOUNTING HARDWARE, FASTENERS, NUTS, BOLTS, AND WASHERS SHALL BE MARINE DUTY STAINLESS STEEL WITH A MINIMUM 30,000 P.S.I. YIELD STRENGTH. MASONRY (OR CONCRETE) ANCHORS USED FOR MOUNTING EQUIPMENT TO CONCRETE STRUCTURES SHALL ONLY BE THOSE AS DESCRIBED BY CURRENT LADOTD MATERIALS LAB APPROVED MATERIAL LIST (A.M.L.) "CONCRETE ANCHOR SYSTEMS", "MECHANICAL ANCHOR BOLT SYSTEM".

H. DEVICE AND JUNCTION/PULL BOXES

DEVICE BOXES:

UNLESS SPECIFIED OTHERWISE ON THE PLANS OR AS DIRECTED BY THE PROJECT ENGINEER, BOXES SHALL BE METALLIC TYPE AND MOUNTED FLUSH. DEVICE BOXES SHALL BE 4" SQ. X 1½" DEEP OR LARGER WITH RAISED DEVICE COVERS. WHEN ONLY ONE (1) CONDUIT ENTERS THE BOX, SINGLE GANG BOXES MAY BE USED.

JUNCTION/PULL BOXES (UNDERGROUND):

JUNCTION BOX SHALL BE FABRICATED FROM FIBERGLASS REINFORCED POLYMER CONCRETE OR U.V. STABILIZED HIGH-DENSITY POLYETHYLENE HAVING U.V. STABILIZED GREEN, BLACK, OR GREY COLOR. BOX SHALL BE INSTALLED IN A 6" THICK CONCRETE PAD UNLESS SHOWN OTHERWISE ON THE PLANS. BOX AND COVER SHALL BE DESIGNED FOR USE IN ROADWAY APPLICATIONS AND BE HEAVY DUTY RATED 150 PSI OVER A 10"X10" AREA (MINIMUM). ALL BOX AND COVER HARDWARE SHALL BE AS DESCRIBED IN PARAGRAPH G "SUPPORTING DEVICES AND MOUNTING HARDWARE, FASTENERS, NUTS, BOLTS, AND WASHERS". BOX COVER SHALL INCLUDE STANDARD "LIGHTING" LOGO. UNLESS NOTED OTHERWISE, BOX SHALL HAVE INTERIOR DIMENSIONS 12"(LENGTH) X 12"(WIDTH) X 10"(DEPTH), WITH DEPTH MEASURED FROM BOTTOM OF COVER TO BOTTOM OF BOX WHILE COVER IS INSTALLED. BOX AND COVER SHALL COMPLY WITH THREE (3) POSITION TESTING AS REQUIRED BY UNDERWRITER LABORATORIES (UL) OR WESTERN UNDERGROUND COMMITTEE (W.U.C.), GUIDELINE 3.6. FOR EQUIPMENT NOT UL OR W.U.C. 3.6 COMPLIANT, PROOF OF EQUIVALENT TESTING SHALL BE SUPPLIED BY A REGISTERED PROFESSIONAL ENGINEER. ALL DIMENSIONS ARE MINIMUM. JUNCTION BOXES AND THEIR CONCRETE APRON SHALL NOT BE INSTALLED WITHIN 4 FT. FROM THE ROADWAY SHOULDERS.

JUNCTION/PULL BOXES (STRUCTURE MOUNTED):

STRUCTURE MOUNTED JUNCTION/PULL BOXES SHALL BE CAST TYPE WITH NEOPRENE GASKET WITH MOUNTING LUGS. BOX AND COVER SHALL BE FABRICATED FROM CAST ALUMINUM AND SHALL BE A GENERAL PURPOSE ENCLOSURE UL LISTED AS TYPE NEMA 4X. BOXES SHALL BE SUITABLE FOR INDOOR/OUTDOOR APPLICATIONS OR WHERE SUBJECTED TO RAIN, DRIPPING, SPLASHING, OR HOSE DIRECTED WATER. ALL HARDWARE SHALL BE AS DESCRIBED IN PARAGRAPH G "MOUNTING HARDWARE, FASTENERS, NUTS, BOLTS, AND WASHERS". REFER TO PLAN SHEETS FOR BOX SIZES.

I. GROUNDING AND BONDING

THE CONTRACTOR SHALL GROUND AND BOND THE ELECTRICAL SYSTEM IN ACCORDANCE WITH THE REQUIREMENTS OF THE NEC. THE NEUTRAL CONDUCTOR BAR AND GROUND BAR SHALL BE BONDED ONLY AT THE RESPECTIVE SERVICE EQUIPMENT (I.E. SERVICE DISCONNECT, SERVICE PANEL, LIGHTING CONTROLLER, TRANSFORMER SECONDARIES, ETC.). WHEN APPLICABLE, THE ELECTRICAL SYSTEM SHALL BE GROUNDED TO COLD WATER PIPING SYSTEMS.

GROUNDING ELECTRODES:

UNLESS NOTED OTHERWISE IN THE PLANS, GROUNDING ELECTRODES SHALL BE ¾" DIAMETER X 10' (MINIMUM) RODS CONSTRUCTED FROM NICKEL-SEALED HIGH QUALITY CARBON STEEL HAVING A CONSISTENT COVERING OF ELECTROLYTICALLY APPLIED COPPER (I.E. COPPER BONDED OR COPPER CLAD). ALL GROUNDING ELECTRODES SHALL BE UL LISTED.

GROUNDING ELECTRODE CONDUCTORS:

UNLESS NOTED OTHERWISE IN THE PLANS, GROUNDING ELECTRODE CONDUCTORS UTILIZED WITH BONDING GROUNDING ELECTRODES SHALL BE #2 SOLID BARE COPPER MINIMUM. WHEN CONNECTING GROUNDING ELECTRODE CONDUCTORS TO GROUNDING ELECTRODES, THE CONTRACTOR SHALL USE EXOTHERMIC WELDS ("CADWELD", "THERMOWELD" OR APPROVED EQUAL). REFER TO MANUFACTURER'S SPECIFIC INSTRUCTIONS AND MOLDS FOR EACH WELD TO PROVIDE PERMANENT, LOW-RESISTANCE LIFETIME CONNECTIONS THAT WILL NOT LOOSEN OR CORRODE. WHEN MULTIPLE GROUND ELECTRODES ARE REQUIRED, GROUNDING ELECTRODE CONDUCTORS MAY BE CUT PROVIDED AN APPROPRIATE EXOTHERMIC WELD IS UTILIZED TO ATTACH THE GROUNDING ELECTRODE CONDUCTOR TO EACH GROUNDING ELECTRODE. ALL GROUNDING ELECTRODE CONDUCTORS SHALL BE INSTALLED UNBROKEN FROM THE GROUNDING ELECTRODES TO THE RESPECTIVE SERVICE EQUIPMENT (I.E. SERVICE DISCONNECT, SERVICE PANEL, LIGHTING CONTROLLER, TRANSFORMER SECONDARIES, ETC.). ALL EXPOSED GROUNDING ELECTRODE CONDUCTOR DROPS FROM ENCLOSURES TO GROUNDING ELECTRODES OUTSIDE SHALL BE INSTALLED IN SCHEDULE 80 PVC CONDUIT (MINIMUM).

EQUIPMENT GROUNDING CONDUCTORS:

UNLESS NOTED OTHERWISE ON THE PLANS, EQUIPMENT GROUNDING CONDUCTORS INSTALLED IN NONMETALLIC CONDUITS SHALL BE BARE, STRANDED, COPPER CONDUCTORS. ALL OTHER EQUIPMENT GROUNDING CONDUCTORS INSTALLED IN CONDUIT SHALL BE STRANDED, COPPER CONDUCTORS, WITH GREEN INSULATION OF TYPE AS INDICATED IN THE PLANS.

J. CONDUIT EXPANSION FITTINGS

NOT USED.

STATE OF LOUISIANA
W. CHELSAE KNIGHT
License No. 15365
PROFESSIONAL ENGINEER
IN
ELECTRICAL ENGINEERING

SHEET NUMBER 143

PARISH	CONTROL SECTION	STATE PROJECT
EAST BATON ROUGE		H.012232

DESIGNED	CHECKED	DETAILED	CHECKED	SERIES	NUMBER
BJK	WCK	BJK	WCK	2 OF 2	

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STATE OF LOUISIANA DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT

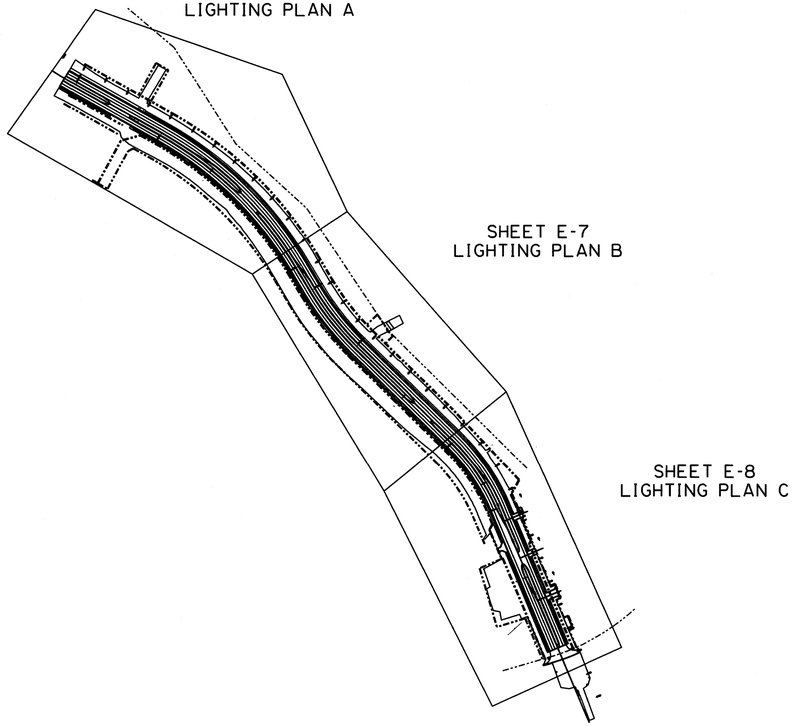
ELECTRICAL SPECIFICATIONS

LA 3064 TO LA 1248 PHASE II

DOTD

Stantec

NOTE:
LIGHTING DESIGN BASED ON AMERICAN ELECTRIC
AUTOBAHN NO. ATB2 80BLEDE70 MVOLT R2 20 SH



NORTH

LIGHTING KEY PLAN

SHEET NUMBER	144
PARISH	EAST BATON ROUGE
CONTROL SECTION	
STATE PROJECT	H.012232
DESIGNED	BJK
CHECKED	WCK
DETAILED	BJK
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STATE OF LOUISIANA
W. CHELSAE KNIGHT
License No. 15365
PROFESSIONAL ENGINEER
ELECTRICAL ENGINEERING

LIGHTING KEY PLAN

LA 3064 TO LA 1248 PHASE II

DOTD

Stantec

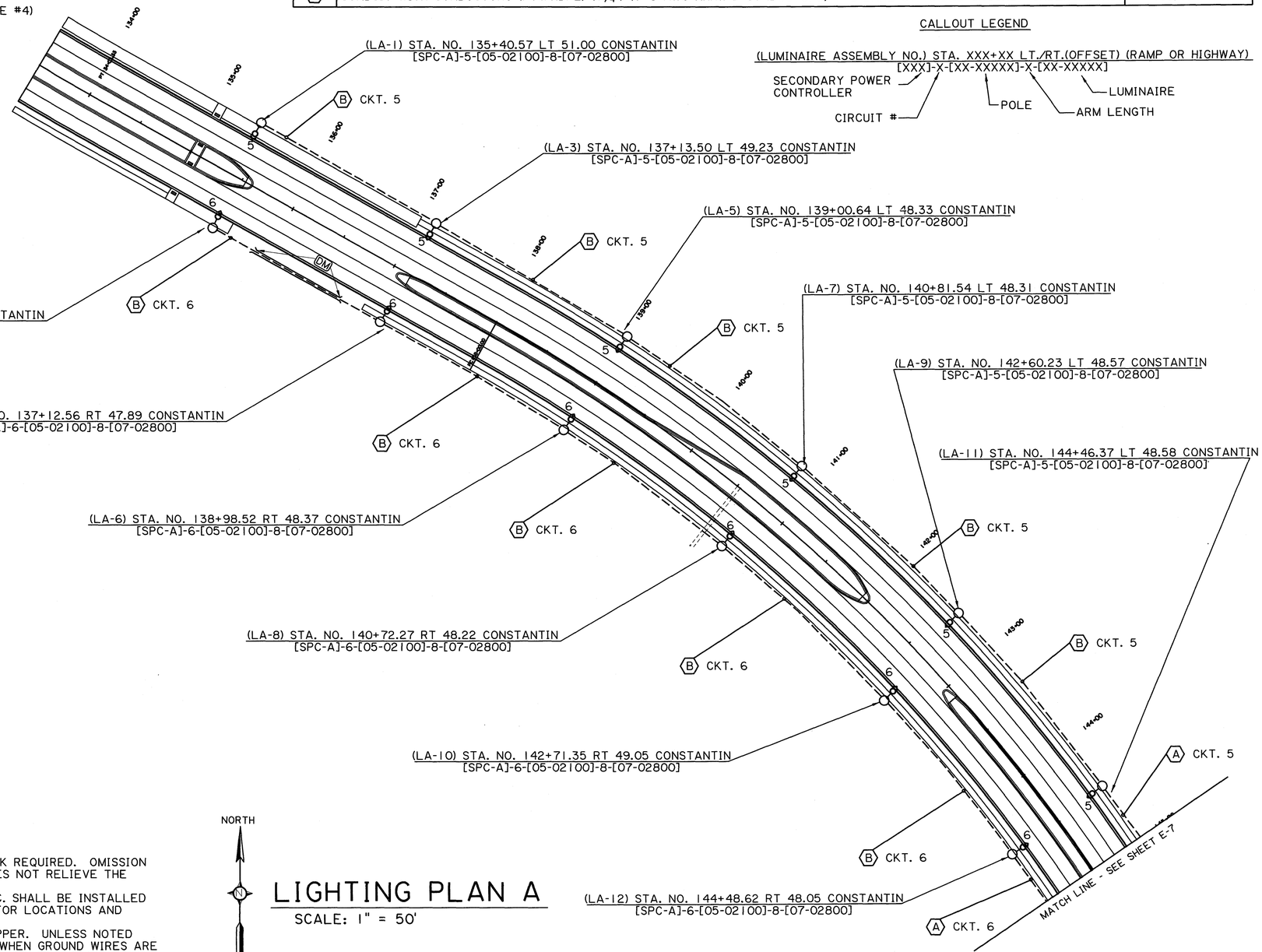
LEGEND (ELECTRICAL, NEW)

ITEM NO.		
-------	(409,414,415)	CONDUIT, UNDERGROUND, SCHEDULE 40 PVC (WITH CONDUCTORS)
═══	(410)	JACKED OR BORED CASING(6" DIAMETER)(PVC) (REFER TO NOTE #2)
○	(314)	LIGHT POLE (35')(ALUMINUM)(SINGLE ARM) (SEE NOTE #4)
○#	(311)	LUMINAIRE(180 WATT)(LED)(# = CIRCUIT NO.)
JB3	(308)	UNDERGROUND JUNCTION BOX(13" X 24")
DM	(400)	DUCT MARKER (UNDERGROUND)
??		CONDUIT LABEL
⊠	(200-220)	ELECTRICAL SERVICE POINT (STRUCTURE)
⊗		POWER COMPANY SERVICE POLE

LABEL	CONDUIT WITH CONDUCTORS	ITEM NO.
A	CONDUIT WITH CONDUCTORS (PVC/HDPE) (2") (3#2 AWG XHHW-2 CONDUCTORS, 1#2 BARE STRANDED GROUND) (UNDERGROUND)	(409,414,415)
B	CONDUIT WITH CONDUCTORS (PVC/HDPE) (1½") (3#4 AWG XHHW-2 CONDUCTORS, 1#4 BARE STRANDED GROUND) (UNDERGROUND)	(409,414,415)
C	CONDUIT WITH CONDUCTORS (PVC/HDPE) (2½") (3#1/0 AWG XHHW-2 CONDUCTORS) (UNDERGROUND)	(409,414)
D	CONDUIT WITH CONDUCTORS (PVC/HDPE) (1¼") (3#8 AWG XHHW-2 CONDUCTORS, 1#8 BARE STRANDED GROUND) (UNDERGROUND)	(409,414,415)

CALLOUT LEGEND

(LUMINAIRE ASSEMBLY NO.) STA. XXX+XX LT./RT.(OFFSET) (RAMP OR HIGHWAY)
[XXX]-X-[XX-XXXXX]-X-[XX-XXXXX]
SECONDARY POWER CONTROLLER
CIRCUIT #
POLE
LUMINAIRE
ARM LENGTH



NOTE:
1. THIS SHEET IS INTENDED ONLY AS A GENERAL OVERVIEW OF THE WORK REQUIRED. OMISSION FROM THIS SHEET OF ANY ITEM SHOWN ELSEWHERE IN THE PLANS DOES NOT RELIEVE THE CONTRACTOR FROM THE RESPONSIBILITY FOR ANY ASSOCIATED WORK.
2. LABELED CONDUIT RUNS SHOWN CROSSING ROADWAYS, DRIVEWAYS, ETC. SHALL BE INSTALLED IN PROTECTIVE SCHEDULE 80 PVC CASING. REFER TO PLAN LAYOUT FOR LOCATIONS AND CASING SIZE.
3. ALL PHASE AND NEUTRAL CONDUCTOR WIRES SHALL BE STRANDED COPPER. UNLESS NOTED OTHERWISE, ALL GROUND WIRES SHALL BE BARE STRANDED COPPER. WHEN GROUND WIRES ARE SHOWN TO HAVE INSULATION, INSULATION COLOR SHALL BE GREEN AND BE OF THE SAME TYPE AS THE PHASE CONDUCTORS.
4 CONTRACTOR SHALL INSTALL ONE UNDERGROUND JUNCTION BOX "JB-1" (306) IN THE CONCRETE MOWING APRON OF EACH LOW MAST POLE.
5. NUMBERS SHOWN IN PARENTHESES CORRESPOND TO ELECTRICAL EQUIPMENT ITEMS LISTED ON PLAN SHEETS E-16 THRU E-18. SEE PLAN SHEETS E-16 THRU E-18 FOR DESCRIPTIONS ASSOCIATED WITH EACH ITEM NUMBER.
6. ADJACENT LUMINAIRES ON THE SAME CIRCUIT SHALL BE CONNECTED TO ALTERNATING PHASES.
7. CONDUIT AND CIRCUITS ARE SHOWN DIAGRAMMATICALLY AND ARE SPACED AND SIZED FOR CLARITY. ALL LIGHTING IMPROVEMENTS SHALL BE CONSTRUCTED INSIDE THE REQUIRED RIGHT OF WAY.

NORTH

LIGHTING PLAN A

SCALE: 1" = 50'

STATE OF LOUISIANA
W. CHELSAE KNIGHT
License No. 15363
PROFESSIONAL ENGINEER
ELECTRICAL ENGINEERING

E-6

SHEET NUMBER 145

PARISH	CONTROL SECTION	STATE PROJECT
EAST BATON ROUGE		H.012232

DESIGNED	DETAILED	SERIES NUMBER
BJK	BJK	2 OF 4
CHECKED WCK	CHECKED WCK	

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

LIGHTING PLAN A

LA 3064 TO LA 1248 PHASE II

DOTD Stantec

LEGEND (ELECTRICAL, NEW)

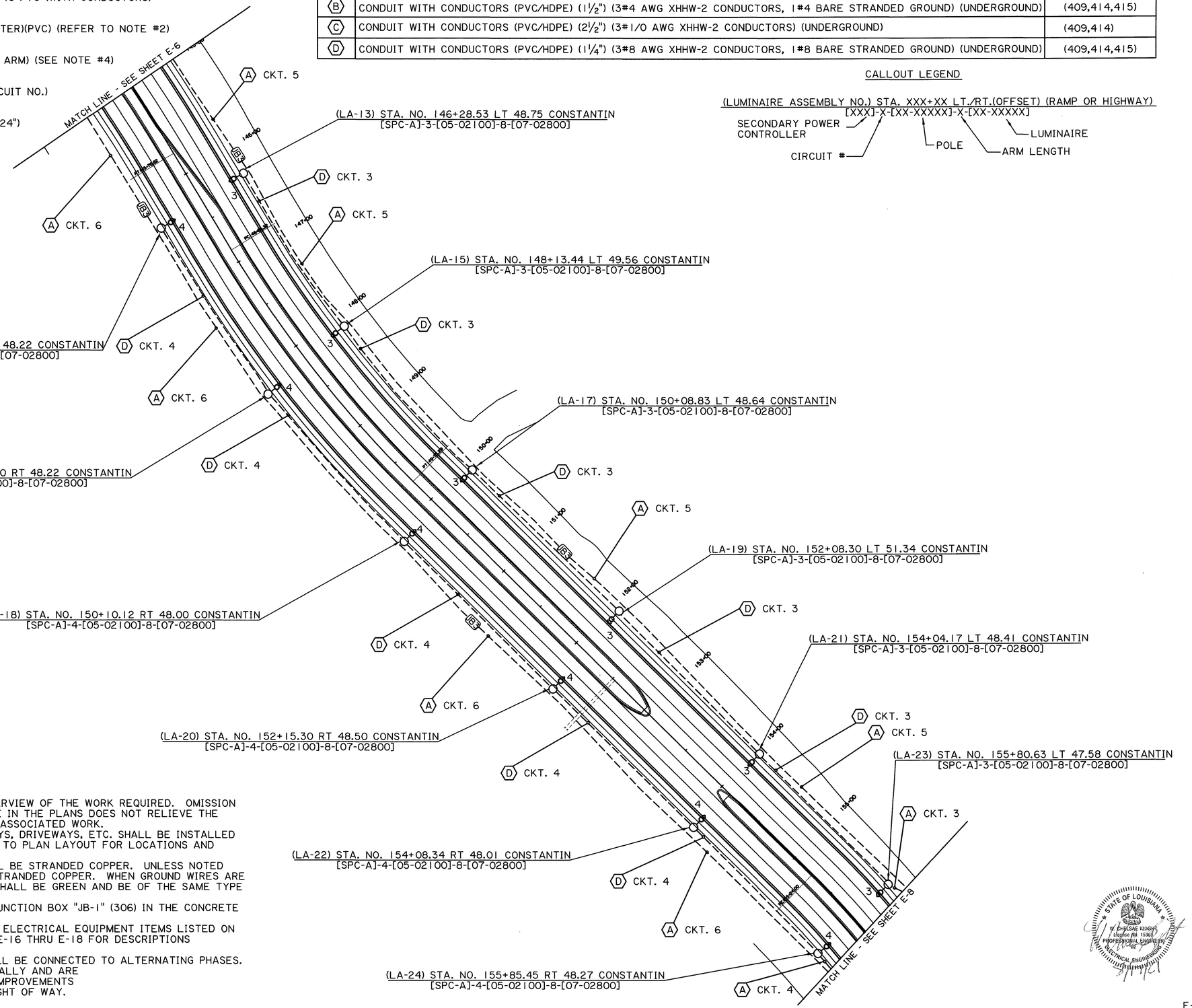
ITEM NO.		
-------	(409,414,415)	CONDUIT, UNDERGROUND, SCHEDULE 40 PVC (WITH CONDUCTORS)
═══	(410)	JACKED OR BORED CASING(6" DIAMETER)(PVC) (REFER TO NOTE #2)
○	(314)	LIGHT POLE (35')(ALUMINUM)(SINGLE ARM) (SEE NOTE #4)
○#	(311)	LUMINAIRE(180 WATT)(LED)(# = CIRCUIT NO.)
JB3	(308)	UNDERGROUND JUNCTION BOX(13" X 24")
DM	(400)	DUCT MARKER (UNDERGROUND)
⟨??⟩		CONDUIT LABEL
⊠	(200-220)	ELECTRICAL SERVICE POINT (STRUCTURE)
⊗		POWER COMPANY SERVICE POLE

LABEL	CONDUIT WITH CONDUCTORS	ITEM NO.
(A)	CONDUIT WITH CONDUCTORS (PVC/HDPE) (2") (3#2 AWG XHHW-2 CONDUCTORS, 1#2 BARE STRANDED GROUND) (UNDERGROUND)	(409,414,415)
(B)	CONDUIT WITH CONDUCTORS (PVC/HDPE) (1½") (3#4 AWG XHHW-2 CONDUCTORS, 1#4 BARE STRANDED GROUND) (UNDERGROUND)	(409,414,415)
(C)	CONDUIT WITH CONDUCTORS (PVC/HDPE) (2½") (3#1/0 AWG XHHW-2 CONDUCTORS) (UNDERGROUND)	(409,414)
(D)	CONDUIT WITH CONDUCTORS (PVC/HDPE) (1¼") (3#8 AWG XHHW-2 CONDUCTORS, 1#8 BARE STRANDED GROUND) (UNDERGROUND)	(409,414,415)

CALLOUT LEGEND

(LUMINAIRE ASSEMBLY NO.) STA. XXX+XX LT./RT.(OFFSET) (RAMP OR HIGHWAY)
[XXX]-X-[XX-XXXXX]-X-[XX-XXXXX]

SECONDARY POWER CONTROLLER
CIRCUIT #
POLE
LUMINAIRE
ARM LENGTH



NORTH

LIGHTING PLAN B

SCALE: 1" = 50'

NOTE:
1. THIS SHEET IS INTENDED ONLY AS A GENERAL OVERVIEW OF THE WORK REQUIRED. OMISSION FROM THIS SHEET OF ANY ITEM SHOWN ELSEWHERE IN THE PLANS DOES NOT RELIEVE THE CONTRACTOR FROM THE RESPONSIBILITY FOR ANY ASSOCIATED WORK.
2. LABELED CONDUIT RUNS SHOWN CROSSING ROADWAYS, DRIVEWAYS, ETC. SHALL BE INSTALLED IN PROTECTIVE SCHEDULE 80 PVC CASING. REFER TO PLAN LAYOUT FOR LOCATIONS AND CASING SIZE.
3. ALL PHASE AND NEUTRAL CONDUCTOR WIRES SHALL BE STRANDED COPPER. UNLESS NOTED OTHERWISE, ALL GROUND WIRES SHALL BE BARE STRANDED COPPER. WHEN GROUND WIRES ARE SHOWN TO HAVE INSULATION, INSULATION COLOR SHALL BE GREEN AND BE OF THE SAME TYPE AS THE PHASE CONDUCTORS.
4. CONTRACTOR SHALL INSTALL ONE UNDERGROUND JUNCTION BOX "JB-1" (306) IN THE CONCRETE MOWING APRON OF EACH LOW MAST POLE.
5. NUMBERS SHOWN IN PARENTHESES CORRESPOND TO ELECTRICAL EQUIPMENT ITEMS LISTED ON PLAN SHEETS E-16 THRU E-18. SEE PLAN SHEETS E-16 THRU E-18 FOR DESCRIPTIONS ASSOCIATED WITH EACH ITEM NUMBER.
6. ADJACENT LUMINAIRES ON THE SAME CIRCUIT SHALL BE CONNECTED TO ALTERNATING PHASES.
7. CONDUIT AND CIRCUITS ARE SHOWN DIAGRAMMATICALLY AND ARE SPACED AND SIZED FOR CLARITY. ALL LIGHTING IMPROVEMENTS SHALL BE CONSTRUCTED INSIDE THE REQUIRED RIGHT OF WAY.

STATE OF LOUISIANA
W. EPHESAE KNIGHT
License No. 15362
PROFESSIONAL ENGINEER
ELECTRICAL ENGINEER

E-7

SHEET NUMBER 146

EAST BATON ROUGE | PARISH | CONTROL SECTION | H.012232 | STATE PROJECT

DESIGNED BJK | CHECKED WCK | DETAILED BJK | CHECKED WCK | SERIES NUMBER 3 OF 4

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

LIGHTING PLAN B

LA 3064 TO LA 1248 PHASE II

DOTD

Stantec

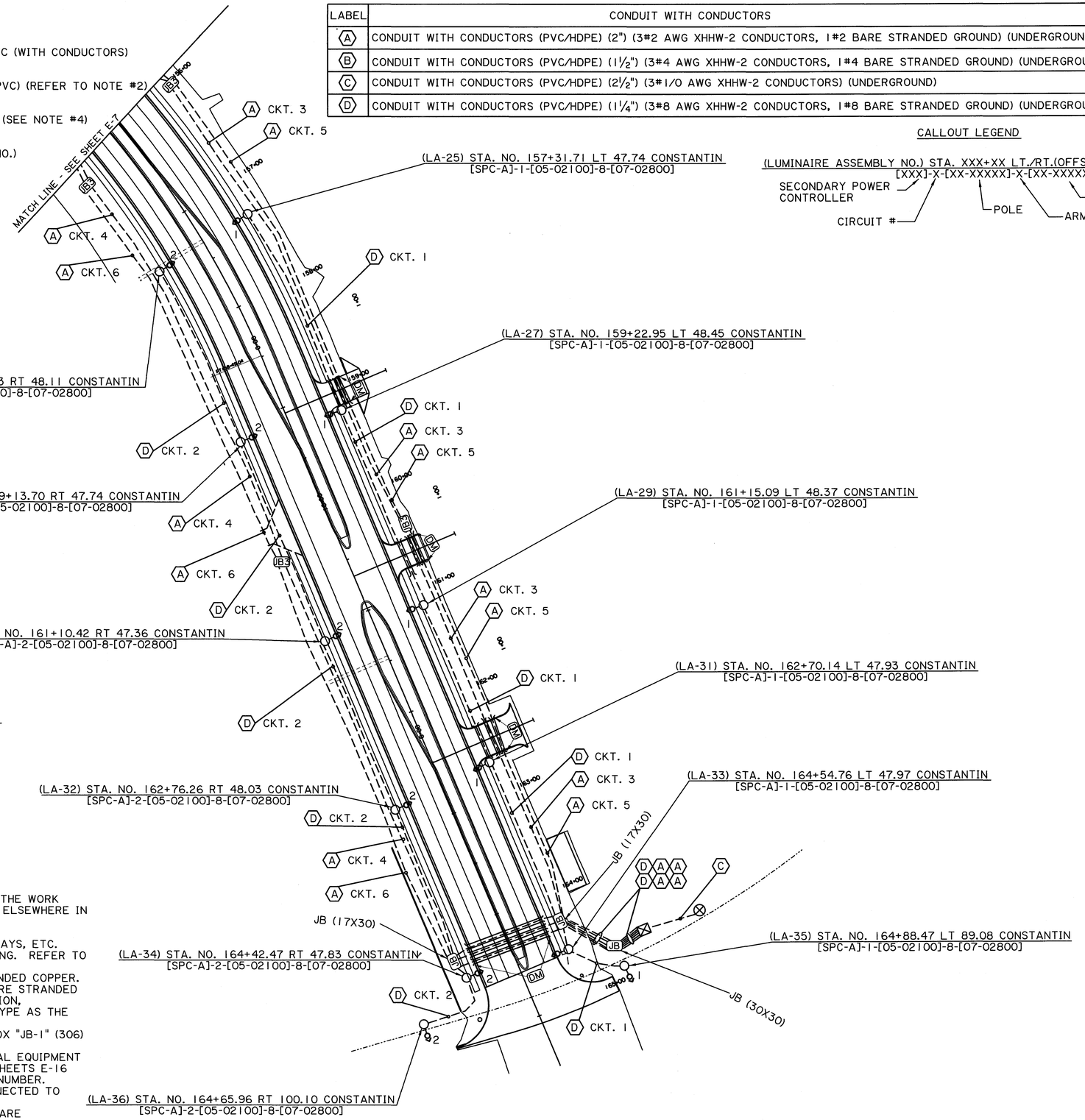
LEGEND (ELECTRICAL, NEW)

ITEM NO.		
-------	(409,414,415)	CONDUIT, UNDERGROUND, SCHEDULE 40 PVC (WITH CONDUCTORS)
═══	(410)	JACKED OR BORED CASING(6" DIAMETER)(PVC) (REFER TO NOTE #2)
○	(314)	LIGHT POLE (35')(ALUMINUM)(SINGLE ARM) (SEE NOTE #4)
○#	(311)	LUMINAIRE(180 WATT)(LED)(# = CIRCUIT NO.)
JB3	(308)	UNDERGROUND JUNCTION BOX(13" X 24")
DM	(400)	DUCT MARKER (UNDERGROUND)
??		CONDUIT LABEL
⊠	(200-220)	ELECTRICAL SERVICE POINT (STRUCTURE)
⊗		POWER COMPANY SERVICE POLE

LABEL	CONDUIT WITH CONDUCTORS	ITEM NO.
(A)	CONDUIT WITH CONDUCTORS (PVC/HDPE) (2") (3#2 AWG XHHW-2 CONDUCTORS, 1#2 BARE STRANDED GROUND) (UNDERGROUND)	(409,414,415)
(B)	CONDUIT WITH CONDUCTORS (PVC/HDPE) (1½") (3#4 AWG XHHW-2 CONDUCTORS, 1#4 BARE STRANDED GROUND) (UNDERGROUND)	(409,414,415)
(C)	CONDUIT WITH CONDUCTORS (PVC/HDPE) (2½") (3#1/0 AWG XHHW-2 CONDUCTORS) (UNDERGROUND)	(409,414)
(D)	CONDUIT WITH CONDUCTORS (PVC/HDPE) (1¼") (3#8 AWG XHHW-2 CONDUCTORS, 1#8 BARE STRANDED GROUND) (UNDERGROUND)	(409,414,415)

CALLOUT LEGEND

(LUMINAIRE ASSEMBLY NO.) STA. XXX+XX LT./RT.(OFFSET) (RAMP OR HIGHWAY)
[XXX]-X-[XX-XXXXX]-X-[XX-XXXXX]
SECONDARY POWER CONTROLLER
CIRCUIT #
POLE
ARM LENGTH
LUMINAIRE



NORTH

LIGHTING PLAN C

SCALE: 1" = 50'

NOTE:
1. THIS SHEET IS INTENDED ONLY AS A GENERAL OVERVIEW OF THE WORK REQUIRED. OMISSION FROM THIS SHEET OF ANY ITEM SHOWN ELSEWHERE IN THE PLANS DOES NOT RELIEVE THE CONTRACTOR FROM THE RESPONSIBILITY FOR ANY ASSOCIATED WORK.
2. LABELED CONDUIT RUNS SHOWN CROSSING ROADWAYS, DRIVEWAYS, ETC. SHALL BE INSTALLED IN PROTECTIVE SCHEDULE 80 PVC CASING. REFER TO PLAN LAYOUT FOR LOCATIONS AND CASING SIZE.
3. ALL PHASE AND NEUTRAL CONDUCTOR WIRES SHALL BE STRANDED COPPER. UNLESS NOTED OTHERWISE, ALL GROUND WIRES SHALL BE BARE STRANDED COPPER. WHEN GROUND WIRES ARE SHOWN TO HAVE INSULATION, INSULATION COLOR SHALL BE GREEN AND BE OF THE SAME TYPE AS THE PHASE CONDUCTORS.
4. CONTRACTOR SHALL INSTALL ONE UNDERGROUND JUNCTION BOX "JB-1" (306) IN THE CONCRETE MOWING APRON OF EACH LOW MAST POLE.
5. NUMBERS SHOWN IN PARENTHESES CORRESPOND TO ELECTRICAL EQUIPMENT ITEMS LISTED ON PLAN SHEETS E-16 THRU E-18. SEE PLAN SHEETS E-16 THRU E-18 FOR DESCRIPTIONS ASSOCIATED WITH EACH ITEM NUMBER.
6. ADJACENT LUMINAIRES ON THE SAME CIRCUIT SHALL BE CONNECTED TO ALTERNATING PHASES.
7. CONDUIT AND CIRCUITS ARE SHOWN DIAGRAMMATICALLY AND ARE SPACED AND SIZED FOR CLARITY. ALL LIGHTING IMPROVEMENTS SHALL BE CONSTRUCTED INSIDE THE REQUIRED RIGHT OF WAY.

STATE OF LOUISIANA
W. ENGLSAE KNIGHT
LICENSE NO. 15365
PROFESSIONAL ENGINEER
ELECTRICAL ENGINEERING

E-8

SHEET NUMBER 147
PARISH: EAST BATON ROUGE
CONTROL SECTION
STATE PROJECT: H.012232
DESIGNED BJK
CHECKED WCK
DETAILED BJK
CHECKED WCK
SERIES NUMBER 4 OF 4
REVISION OR CHANGE ORDER DESCRIPTION | NO. | DATE | BY

STATE OF LOUISIANA DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT

LIGHTING PLAN C

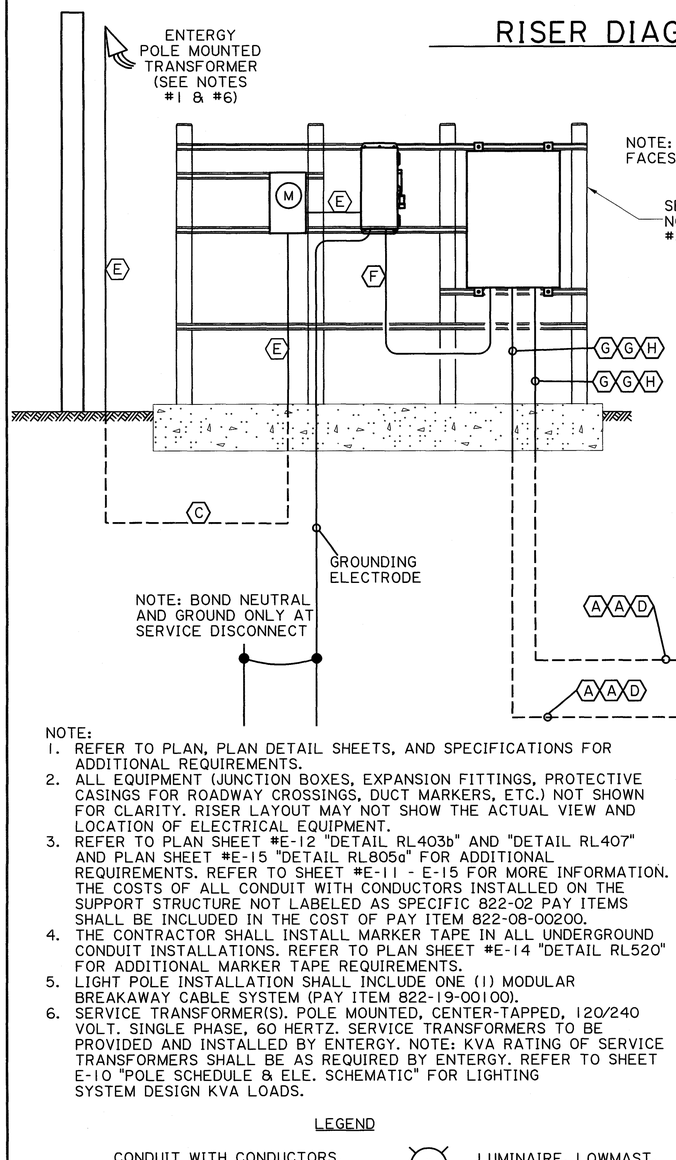
LA 3064 TO LA 1248 PHASE II

DOTD

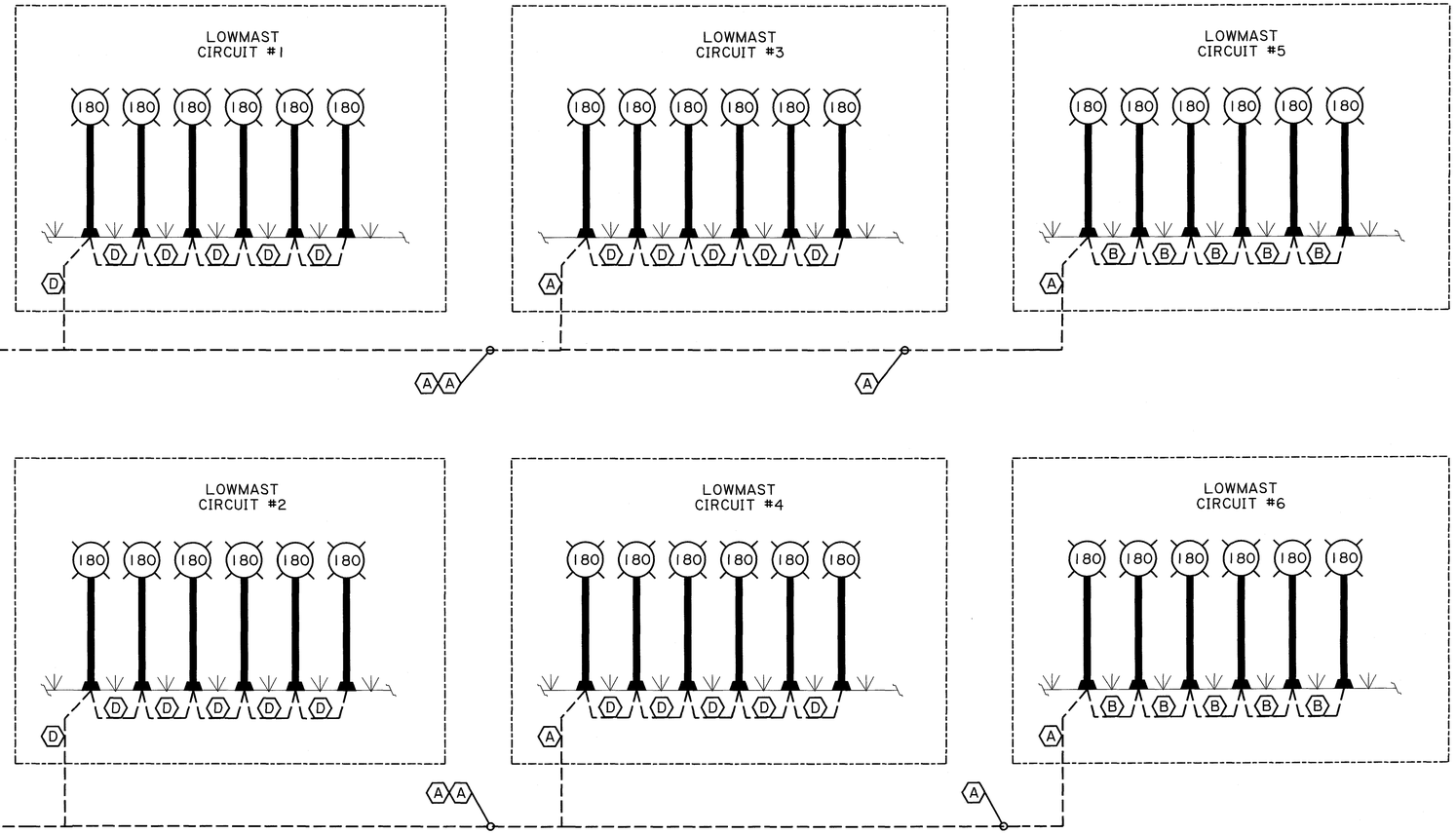
Stantec

SECONDARY POWER CONTROLLER "SPC-A"

RISER DIAGRAM



LABEL	CONDUIT WITH CONDUCTORS	ITEM NO.
A	CONDUIT WITH CONDUCTORS (PVC/HDPE) (2") (3#2 AWG XHHW-2 CONDUCTORS, 1#2 BARE STRANDED GROUND) (UNDERGROUND)	(409,414,415)
B	CONDUIT WITH CONDUCTORS (PVC/HDPE) (1½") (3#4 AWG XHHW-2 CONDUCTORS, 1#4 BARE STRANDED GROUND) (UNDERGROUND)	(409,414,415)
C	CONDUIT WITH CONDUCTORS (PVC/HDPE) (2½") (3#1/0 AWG XHHW-2 CONDUCTORS) (UNDERGROUND)	(409,414)
D	CONDUIT WITH CONDUCTORS (PVC/HDPE) (1¼") (3#8 AWG XHHW-2 CONDUCTORS, 1#8 BARE STRANDED GROUND) (UNDERGROUND)	(409,414,415)
E	CONDUIT WITH CONDUCTORS (RGS) (2½") (3#1/0 AWG XHHW-2 CONDUCTORS) (ON STRUCTURE)	(407,414)
F	CONDUIT WITH CONDUCTORS (RGS) (2") (3#1/0 AWG XHHW-2 CONDUCTORS, 1#2 GREEN GROUND) (ON STRUCTURE)	(407,414)
G	CONDUIT WITH CONDUCTORS (RGS) (2") (3#2 AWG XHHW-2 CONDUCTORS, 1#2 BARE STRANDED GROUND) (ON STRUCTURE)	(407,414,415)
H	CONDUIT WITH CONDUCTORS (RGS) (1¼") (3#8 AWG XHHW-2 CONDUCTORS, 1#8 BARE STRANDED GROUND) (ON STRUCTURE)	(407,414,415)



NOTE:
1. REFER TO PLAN, PLAN DETAIL SHEETS, AND SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
2. ALL EQUIPMENT (JUNCTION BOXES, EXPANSION FITTINGS, PROTECTIVE CASINGS FOR ROADWAY CROSSINGS, DUCT MARKERS, ETC.) NOT SHOWN FOR CLARITY. RISER LAYOUT MAY NOT SHOW THE ACTUAL VIEW AND LOCATION OF ELECTRICAL EQUIPMENT.
3. REFER TO PLAN SHEET #E-12 "DETAIL RL403b" AND "DETAIL RL407" AND PLAN SHEET #E-15 "DETAIL RL805a" FOR ADDITIONAL REQUIREMENTS. REFER TO SHEET #E-11 - E-15 FOR MORE INFORMATION. THE COSTS OF ALL CONDUIT WITH CONDUCTORS INSTALLED ON THE SUPPORT STRUCTURE NOT LABELED AS SPECIFIC 822-02 PAY ITEMS SHALL BE INCLUDED IN THE COST OF PAY ITEM 822-08-00200.
4. THE CONTRACTOR SHALL INSTALL MARKER TAPE IN ALL UNDERGROUND CONDUIT INSTALLATIONS. REFER TO PLAN SHEET #E-14 "DETAIL RL520" FOR ADDITIONAL MARKER TAPE REQUIREMENTS.
5. LIGHT POLE INSTALLATION SHALL INCLUDE ONE (1) MODULAR BREAKAWAY CABLE SYSTEM (PAY ITEM 822-19-00100).
6. SERVICE TRANSFORMER(S). POLE MOUNTED, CENTER-TAPPED, 120/240 VOLT. SINGLE PHASE, 60 HERTZ. SERVICE TRANSFORMERS TO BE PROVIDED AND INSTALLED BY ENTERGY. NOTE: KVA RATING OF SERVICE TRANSFORMERS SHALL BE AS REQUIRED BY ENTERGY. REFER TO SHEET E-10 "POLE SCHEDULE & ELE. SCHEMATIC" FOR LIGHTING SYSTEM DESIGN KVA LOADS.

LEGEND

- CONDUIT WITH CONDUCTORS, GALVANIZED RIGID STEEL (ITEMS #407, 414, 415)
- CONDUIT WITH CONDUCTORS, PVC OR POLYETHYLENE (ITEMS #409, 414, 415)
- LIGHT POLE, LOWMAST, 35' (ITEM #314)
- GROUND POINT (REFER TO PLAN SHEET #E-4 "PARAGRAPH I" FOR ADDITIONAL GROUNDING REQUIREMENTS)
- (??) CONDUIT LABEL
- (#) LUMINAIRE, LOWMAST, LED (# = WATTS) (ITEM #311)
- SECONDARY POWER CONTROLLER, STRUCTURE MOUNT (REFER TO NOTE #3 ON THIS SHEET FOR ADDITIONAL REQUIREMENTS) (ITEMS #200-220)
- SERVICE DISCONNECT (SEE NOTE #3 ON THIS SHEET FOR ADDITIONAL REQUIREMENTS) (ITEM #103)
- JB3 UNDERGROUND JUNCTION BOX "JB-3" (ITEM #308)
- (M) POWER COMPANY METER

SHEET NUMBER 148

PARISH: EAST BATON ROUGE
CONTROL SECTION:
STATE PROJECT: H.012232

DESIGNED BJK
CHECKED WCK
DETAILED BJK
CHECKED WCK
SERIES NUMBER 1 OF 1

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

RISER DIAGRAM SPC-A

LA 3064 TO LA 1248 PHASE II

SECONDARY POWER CONTROLLER #A [SPC-A]

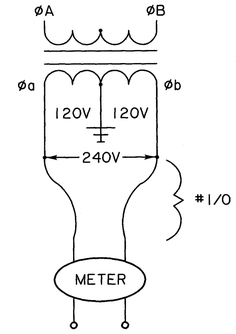
POLE SCHEDULE

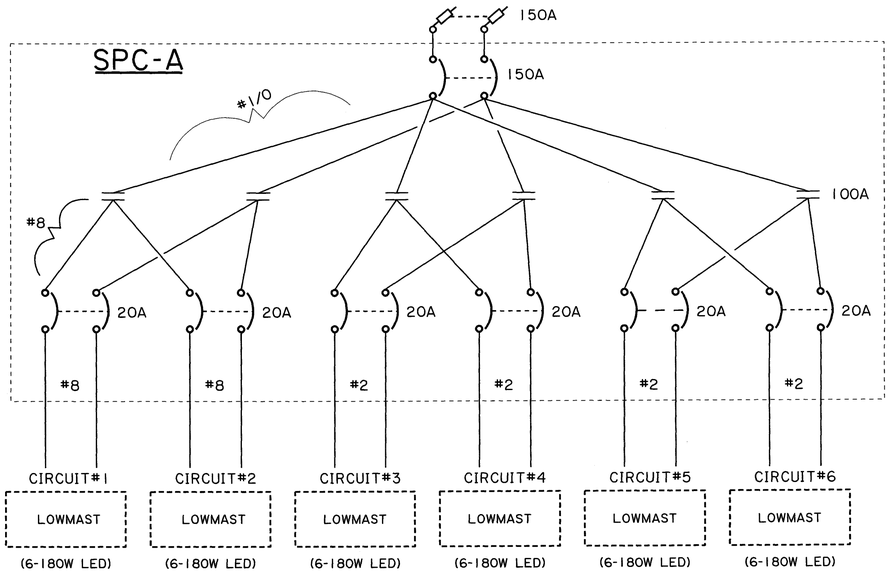
LIGHT POLE STATION NO.	POLE SEQUENCE NO.	CIRCUIT NO.	POLE	LUMINAIRE	QTY.	LUMINAIRE WATTAGE	LUMINAIRE AMPS @ 120V	CIRCUIT * AMPS @ 240V
157+31.71 LT 47.74 CONSTANTIN	25	#1	822-05-02100	822-07-02800	1	180	1.5	4.5
159+22.95 LT 48.45 CONSTANTIN	27		822-05-02100	822-07-02800	1	180	1.5	
161+15.09 LT 48.37 CONSTANTIN	29		822-05-02100	822-07-02800	1	180	1.5	
162+70.14 LT 47.93 CONSTANTIN	31		822-05-02100	822-07-02800	1	180	1.5	
164+54.76 LT 47.97 CONSTANTIN	33		822-05-02100	822-07-02800	1	180	1.5	
164+88.47 LT 89.08 CONSTANTIN	35		822-05-02100	822-07-02800	1	180	1.5	
157+35.13 RT 48.11 CONSTANTIN	26	#2	822-05-02100	822-07-02800	1	180	1.5	4.5
159+13.70 RT 47.74 CONSTANTIN	28		822-05-02100	822-07-02800	1	180	1.5	
161+10.42 RT 47.36 CONSTANTIN	30		822-05-02100	822-07-02800	1	180	1.5	
162+76.26 RT 48.03 CONSTANTIN	32		822-05-02100	822-07-02800	1	180	1.5	
164+42.47 RT 47.83 CONSTANTIN	34		822-05-02100	822-07-02800	1	180	1.5	
164+65.96 RT 100.10 CONSTANTIN	36		822-05-02100	822-07-02800	1	180	1.5	
146+28.53 LT 48.75 CONSTANTIN	13	#3	822-05-02100	822-07-02800	1	180	1.5	4.5
148+13.44 LT 49.56 CONSTANTIN	15		822-05-02100	822-07-02800	1	180	1.5	
150+08.83 LT 48.64 CONSTANTIN	17		822-05-02100	822-07-02800	1	180	1.5	
152+08.30 LT 51.34 CONSTANTIN	19		822-05-02100	822-07-02800	1	180	1.5	
154+04.17 LT 48.41 CONSTANTIN	21		822-05-02100	822-07-02800	1	180	1.5	
155+80.63 LT 47.58 CONSTANTIN	23		822-05-02100	822-07-02800	1	180	1.5	
146+32.82 RT 48.22 CONSTANTIN	14	#4	822-05-02100	822-07-02800	1	180	1.5	4.5
148+20.20 RT 50.06 CONSTANTIN	16		822-05-02100	822-07-02800	1	180	1.5	
150+10.12 RT 48.00 CONSTANTIN	18		822-05-02100	822-07-02800	1	180	1.5	
152+15.30 RT 48.50 CONSTANTIN	20		822-05-02100	822-07-02800	1	180	1.5	
154+08.34 RT 48.01 CONSTANTIN	22		822-05-02100	822-07-02800	1	180	1.5	
155+85.45 RT 48.27 CONSTANTIN	24		822-05-02100	822-07-02800	1	180	1.5	
135+40.57 LT 51.00 CONSTANTIN	1	#5	822-05-02100	822-07-02800	1	180	1.5	4.5
137+13.50 LT 49.23 CONSTANTIN	3		822-05-02100	822-07-02800	1	180	1.5	
139+00.64 LT 48.33 CONSTANTIN	5		822-05-02100	822-07-02800	1	180	1.5	
140+81.54 LT 48.31 CONSTANTIN	7		822-05-02100	822-07-02800	1	180	1.5	
142+60.23 LT 48.57 CONSTANTIN	9		822-05-02100	822-07-02800	1	180	1.5	
144+46.37 LT 48.58 CONSTANTIN	11		822-05-02100	822-07-02800	1	180	1.5	
135+47.86 RT 48.02 CONSTANTIN	2	#6	822-05-02100	822-07-02800	1	180	1.5	4.5
137+12.56 RT 47.89 CONSTANTIN	4		822-05-02100	822-07-02800	1	180	1.5	
138+98.52 RT 48.37 CONSTANTIN	6		822-05-02100	822-07-02800	1	180	1.5	
140+72.27 RT 48.22 CONSTANTIN	8		822-05-02100	822-07-02800	1	180	1.5	
142+71.35 RT 49.05 CONSTANTIN	10		822-05-02100	822-07-02800	1	180	1.5	
144+48.62 RT 48.05 CONSTANTIN	12		822-05-02100	822-07-02800	1	180	1.5	

NOTE: CALCULATIONS BASED ON LINE WATTS OF 180 WATTS PER LUMINAIRE.

ELECTRICAL SCHEMATIC

* EACH CIRCUIT IS 120/240 VOLT WITH SHARED NEUTRAL.





NOTE:

1. WIRES SHOWN FEEDING LOADS MAY CHANGE FURTHER INTO WIRE AND CONDUIT SYSTEM. REFER TO PLAN SHEETS FOR CONDUIT AND WIRE SCHEDULES AND ADDITIONAL REQUIREMENTS.
2. INSTALL POWER DISTRIBUTION TERMINAL BLOCKS AS REQUIRED TO PREVENT INSTALLATION OF MORE THAN ONE CONDUCTOR ON COMPONENT TERMINALS.

SERVICE POINT DESIGN LOADINGS:

SECONDARY POWER CONTROLLER	AMPERAGE @ 240V / 1ø	kVA @ 240V / 1ø
SPC-A	27.0	6.5

V. CHELSAE KNIGHT, License No. 15365, PROFESSIONAL ENGINEER, ELECTRICAL ENGINEERING

SHEET NUMBER 149

PARISH: EAST BATON ROUGE
CONTROL SECTION:
STATE PROJECT: H.012232
DESIGNED: BJK
CHECKED: WCK
DETAILED: BJK
CHECKED: WCK
SERIES NUMBER: 1 OF 1

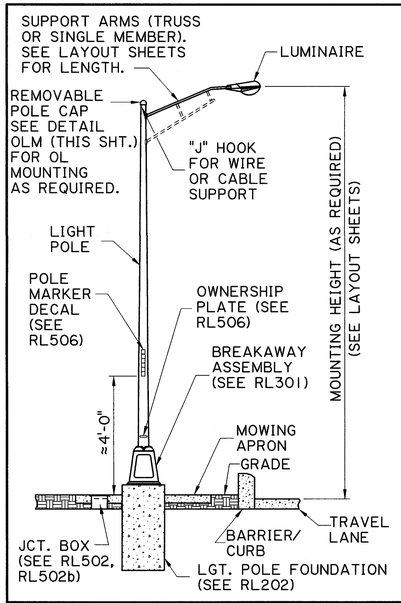
REVISION OR CHANGE ORDER DESCRIPTION | BY | DATE | NO.

POLE SCHEDULE AND ELECTRICAL SCHEMATIC

LA 3064 TO LA 1248 PHASE II

BOTD

Stantec



LUMINAIRE LOWERING SYSTEMS NOT REQUIRED. SEE PLAN LAYOUT SHEETS FOR ADDITIONAL LUM. INFORMATION.

POLE AND HARDWARE SHALL CONFORM TO AASHTO-AGC-ARTBA PUBLICATION "A GUIDE TO STANDARDIZED HIGHWAY LIGHTING POLE HARDWARE" - LATEST EDITION (ARTBA TECHNICAL BULLETIN NO. 270) EXCEPT AS NOTED.

POLE DESIGN SHALL BE FOR 100 MPH WIND ZONES IN ACCORD. WITH AASHTO PUBLICATION "STD. SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HWY. SIGNS, LUMINAIRES AND TRAFFIC SIG." - LATEST EDITION. POLES SHALL BE ALUMINUM OR GALVANIZED STEEL AND BE EQUIPPED WITH AASHTO APPROVED BREAKAWAY ASSEMBLY.

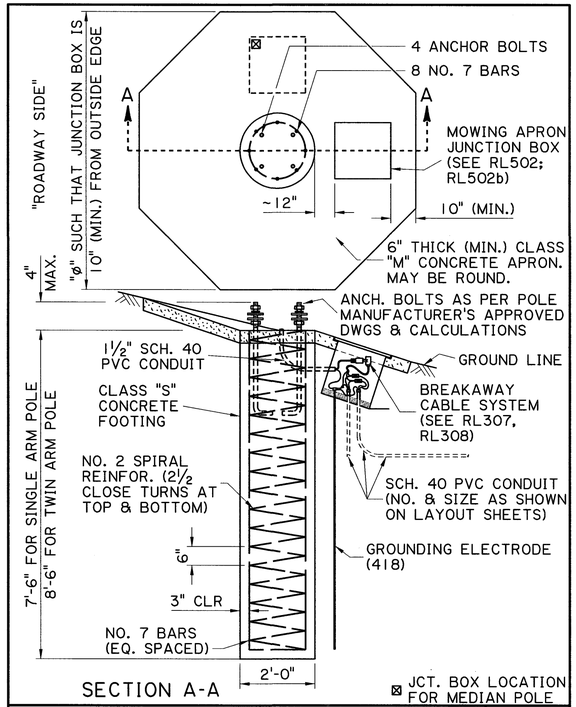
THREE (3) AWG NO. 12 CONDUCTORS (BLACK, RED, AND GREEN) SHALL BE INSTALLED TO EACH LUMINAIRE TO CONNECTIONS IN BASE (NOTE: WHEN A MOD. BKWY. CBL. SYS. (SEE RL307) IS INSTALLED, A 3-CONDUCTOR SOOW CABLE PROV. BY THE CBL. SYS. MFR. SHALL BE INSTALLED IN LIEU OF SEPARATE CONDUCTORS).

AVOID PLACING POLES BETWEEN 2' AND 12' FROM EDGE OF SHOULDER ON MAIN ROADS HAVING SIDE SLOPES OF 4:1 OR GREATER.

SOME RL DETAILS MAY REFER TO OTHERS.

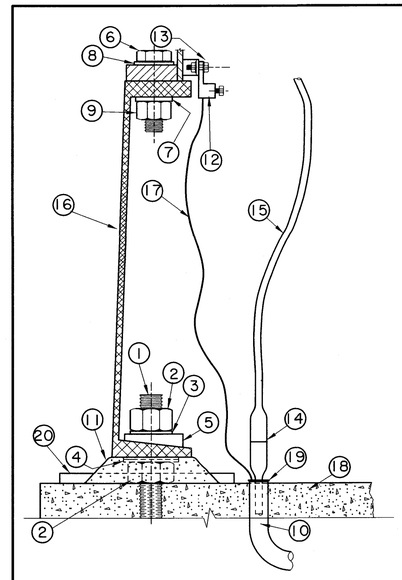
TYPICAL LIGHT POLE INSTALLATION
(TYPICAL; BARRIER OR VERTICAL CURB GROUND MOUNTING)

DRAWING NO. RL101d 04/09



TYPICAL LIGHT POLE FOUNDATION
(WITH JUNCTION BOX IN APRON; ON SLOPE)

DRAWING NO. RL202 07/15

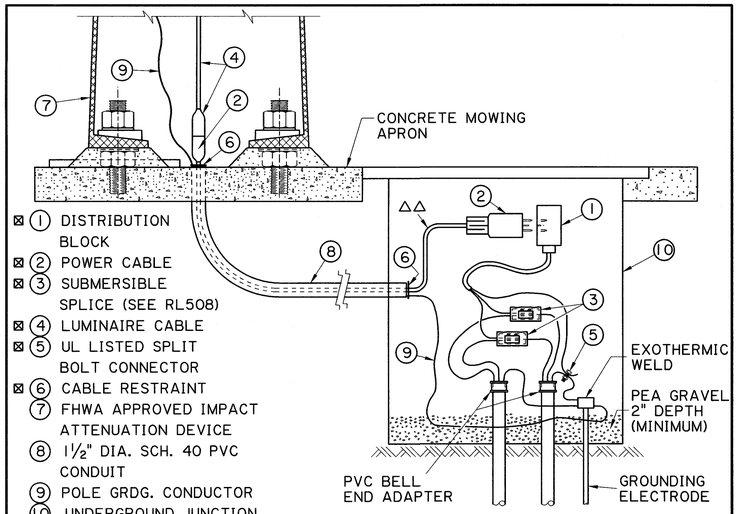


** SOME RL DWGS MAY REFER TO OTHERS **

1. 4 ANCHOR BOLTS
2. 8 ANCHOR BOLT HEX NUTS
3. 4 ANCHOR BOLT LOCK WASHERS
4. 4 ANCHOR BOLT FLAT WASHERS
5. 4 ANCHOR BOLT HOLD DOWN WASHERS
6. 4 HEX HEAD BASE BOLTS
7. 4 BASE BOLT LOCK WASHERS
8. 4 BASE BOLT FLAT WASHERS
9. 4 BASE BOLT HEX NUTS
10. 1½" DIA. SCH. 40 PVC CONDUIT TO JUNCTION BOX (SEE RL307)
11. NONSHRINK GROUT
12. POLE GROUND LUG (EQ. TO OZ/ GEDNEY-NEER MODEL #XLH)
13. S.S. HEX BOLT, NUTS, & WASHERS
14. BKWY. CABLE SYS. (SEE RL307)
15. LUMINAIRE CABLE (SEE RL307) (SECURE CABLE TO POLE)
16. BKWY. TRANS. BASE CONFORMING TO "STD. SPECS. FOR STRUCTURAL SUPPORTS FOR HWY. SIGNS, LUM., AND TRAFFIC SIGNALS" - LATEST EDITION. FHWA APPROVAL REQ'D.
17. POLE GROUNDING CONDUCTOR
18. CONCRETE FOUNDATION
19. CABLE RESTRAINT (SEE RL307)
20. DRAIN PIPE

TYPICAL BREAKAWAY TRANSFORMER BASE AND LIGHT POLE CONNECTIONS

DRAWING NO. RL301 04/10



MODULAR BREAKAWAY CABLE SYSTEM
(TYPICAL; LOW MAST)

DRAWING NO. RL307 03/11

MODULAR BREAKAWAY CABLE SYSTEM

A MODULAR COLOR-CODED CABLE SYSTEM CONSISTING OF RUBBER CORDS W/ INTEGRAL MOLDED WATERTIGHT SUBMERSIBLE CONNECTORS, FUSES, SUBMERSIBLE SPLICE CONNECTORS, AND CABLE RESTRAINTS SHALL BE INSTALLED IN THE JUNCTION BOX IN THE POLE BASE MOWING PAD. THE SYSTEM SHALL PROVIDE POWER FROM THE JUNCTION BOX TO THE LUMINAIRE(S). CABLES SHALL EXTEND FROM THE JUNCTION BOX AT THE POLE BASE TO LUMINAIRE(S) AT THE TOP OF POLE. ONE (1) SUCH SYSTEM SHALL BE INSTALLED AT EACH GROUND-MOUNTED BREAKAWAY POLE INSTALLATION. POLE CABLE SYSTEM SHALL CONSIST OF THE FOLLOWING MINIMUM COMPONENTS:

DISTRIBUTION BLOCK

DISTRIBUTION BLOCK SHALL CONTAIN A 3-WIRE FEMALE OUTLET INTEGRALLY MOLDED TO A 2' (MIN.) LENGTH OF 3 SEPARATE #10 DLO CABLES. BLOCK SHALL BE WATERTIGHT AND SUBMERSIBLE WHEN THE INTEGRAL FUSED PLUG ON THE POWER CABLE IS ENGAGED AND FULLY SEATED. DIMENSIONS SHALL BE APPROXIMATELY 2¼"X3"X3". DIMENSIONS ARE CRITICAL DUE TO LIMITED SPACE IN THE JUNCTION BOX.

POWER CABLE

CABLE SHALL BE AN 11' (MIN.) 14/3 SOWA CABLE WITH MOLDED RED MALE FUSED PLUG ON ONE (1) END AND MOLDED ORANGE FEMALE CONNECTOR ON THE OTHER END. MALE PLUG SHALL CONTAIN 2 FUSES THAT ARE PROVIDED BY CABLE SYSTEM MANUFACTURER. FUSES SHALL HAVE AMPACITY AS FOLLOWS: 5 AMP FOR SINGLE LUMINAIRE; 10 AMP FOR TWIN LUMINAIRE. MALE PLUG SHALL PROVIDE A WATERTIGHT SUBMERSIBLE SEAL WHEN MATED TO DISTRIBUTION BLOCK. FEMALE CONNECTOR SHALL PASS THROUGH A STANDARD 1½" SCHEDULE 40 PVC CONDUIT OR LFNC-B (WHERE SPECIFIED). CONTRACTOR SHALL INSTALL RETAINING STRAPS AT EACH END OF CONDUIT TO PREVENT MOVEMENT AND FORCE DISCONNECTON UPON POLE BREAKAWAY.

LUMINAIRE CABLE

CABLE SHALL BE A VARIABLE LENGTH 14/3 SOWA CABLE WITH MALE PLUG MOLDED IN ORANGE TO MATCH ORANGE END OF POWER CABLE. CONNECTOR SHALL REQUIRE A 25 LB. (MAX.) FORCE TO MATE OR DISENGAGE FROM FEMALE END. WHEN ENGAGED, CONNECTION SHALL BE WATERTIGHT AND SUBMERSIBLE.

DISTRIBUTION BLOCK AND CONNECTORS SHALL BE FABRICATED OF THERMOSETTING SYNTHETIC POLYMER, NON-FLAME SUPPORTING, AND SHALL REMAIN FLEXIBLE OVER A TEMPERATURE RANGE OF -40°F TO 190°F.

MODULAR BREAKAWAY CABLE SYSTEM
(TYPICAL; LOW MAST)

DRAWING NO. RL308 03/12

STATE OF LOUISIANA
W. CHELSAE KNIGHT
License No. 15365
PROFESSIONAL ENGINEER
IN
ELECTRICAL ENGINEERING

SHEET NUMBER 150

PARISH: EAST BATON ROUGE
CONTROL SECTION: H.012232
STATE PROJECT:
DESIGNED BJK CHECKED WCK
DETAILED BJK CHECKED WCK
SERIES NUMBER 1 OF 5

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

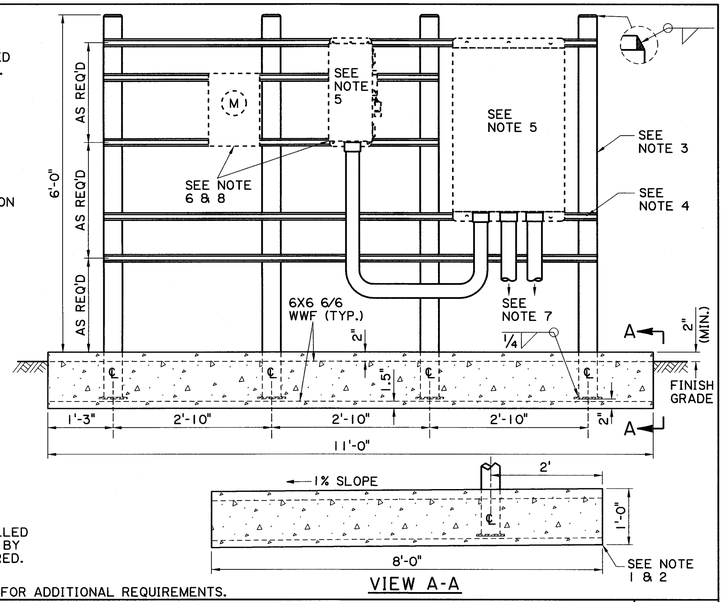
ELECTRICAL DETAILS

LA 3064 TO LA 1248 PHASE II

DOTD Stantec

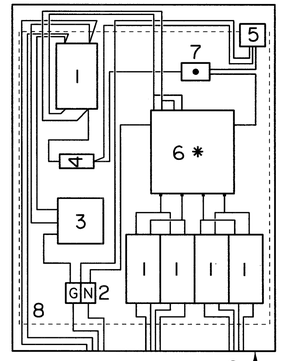
NOTES:
1. CONTRACTOR TO REMOVE 1'-0" (MIN.) OF SOIL FROM FNDN. AREA & BACKFILL W/COMPACTED MATERIAL AS PER LADOTD STD. SPECIFICATIONS.
2. CLASS "A" CONCRETE.
3. STEEL TUBE, 4"X4"X8GA WALL THICK. (EQ. TO ALLIED "GATORSHIELD"; CONT. WELD 4"x4"x3/8" TOP & 6"x6"X3/8" BOT. STEEL PLATES; H.D.G. ALL PLATES AFTER FABRICATION (TYP. 3 PLS.)
4. 1⅝" UNISTRUT; S.S. (EQ. TO UNISTRUT MD#P1000, TYP.); INSTALL ADD'L UNISTRUT AS REQ'D.
5. SEE DETAIL RL407 FOR ADD'L SPECS.
6. CONTRACTOR SHALL PROPOSE ROUTING OF RIGID CONDUIT SYS. FROM SERV. & BETWEEN THIS EQUIP. SEE PLANS FOR CONDUIT & WIRE INFO. THE INSTALLATION IS SUBJECT TO APPROVAL OF THE PROJECT & DESIGN ENGINEER.
7. ELEC. SERV. TO LTG. LOADS. SEE PLANS FOR CONDUIT & WIRE INFO. (# OF CONDUITS MAY VARY)
8. METER SOCKET PROV. & INSTALLED BY CONTRACTOR. METER PROV. BY UTILITY CO. SUBMITTAL REQUIRED.

* REFER TO OTHER "RL DETAILS" FOR ADDITIONAL REQUIREMENTS.



SUPPORT STRUCTURE
(SERVICE DISCONNECT WITH UTILITY METERING AND SECONDARY POWER CONTROLLER)

DRAWING NO. RL403b 10/09



* 2 CONTACTORS CONNECT PARALLEL

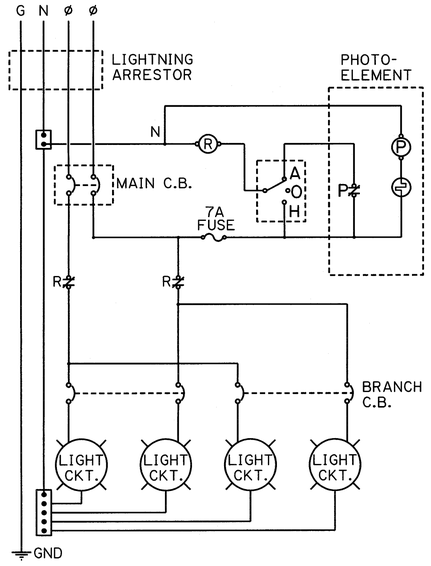
NOTE:
1. STAIN. STEEL HARDWARE SHALL BE MARINE GRADE W/ 30,000 PSI (MIN.) YIELD STRENGTH.
2. ALLOW 2" (MIN.) CLEARANCE BTWN. COMPONENTS; 4" (MIN.) CLEARANCE ON ALL SIDES.
3. INSTALL PERMANENT "HAND", "OFF", "AUTO" LABELS INDICATING SWITCH POSITIONS.
4. REFER TO OTHER ELEC. DETAILS FOR ADDITIONAL INFORMATION AND/OR SPECIFICATIONS.

1. CIRCUIT BREAKERS: 600 VAC RATED, 22kAIC (MIN.) @ 240 VAC, 2 POLE (SEE CIRCUIT SCHEDULE FOR CIRCUIT BREAKER TRIP AMPS)
2. GRDG. & NEUT. TERMINAL BLOCKS: PWR. DIST. BLOCK, 2P, INTERM., BOX TO BOX, CU STUD, 600 V, W/SAF. CVRS. (EQ. TO FERR.-SHAW. MD#66512-08570); MNT. W/S.S. HARDWARE.
3. SURGE ARRESTOR: 650 VAC RATED PHASE TO GND. (MAX.), 50/60 HZ, 40kA/Ø (MAX.) SURGE AMPS, THERMAL FUSING, U.L. LISTED (EQUAL TO SQUARE D MODEL #SDSA3650)
4. CONTROL CIRCUIT FUSE & FUSEHOLDER: FUSE: CLASS CC, FAST-ACTING, 600 VAC, 7 AMP, U.L. LISTED (EQUAL TO COOPER-BUSSMANN MD#KTK-R-7); FUSEHOLDER: CLASS CC, 30 A, 600 VAC, U.L. LISTED, 1 POLE, COPPER BOX LUG TERMINALS (EQUAL TO COOPER-BUSSMANN MD# BC6031B)
5. PHOTO-ELECTRIC CONTROL: TWIST LOCK W/ RECEPTACLE, MOUNTING BRKT., SOLID STATE, HERMETICALLY SEALED, 105-285 VAC, 1800 VA, TIME DELAY SWITCHING, N.C. CONTACT, OPER. SWITCH LEVELS 2.0 F.C. ON/OFF + 20%, TEMP. RANGE -40°F TO +140°F, DRILL 1¼" DIA. HOLE IN CABINET, CEMENT PLEXIGLASS OVER HOLE, INSTALL ASSEMBLY IN CABINET W/PHOTOCELL CONTROL WINDOW ¼" FROM HOLE, POSITION PHOTOCELL CONTROL WINDOW EYE TO THE NORTH (EQ. TO PRECISION MD #ECDV-C-P-TD)
6. LIGHTING CONTACTOR: ELECTRIC. HELD, N.O. CONTACTS, 600 VAC RATED, 120 VAC COIL, HIGH PRESSURE BOX LUG TERMINALS; NUMBER & CURRENT RATING OF CONTACTS AS SHOWN ON CKT. SCHED. (EQ. TO SQUARE D CLASS 8903)
7. HAND-OFF-AUTOMATIC SWITCH & SEALING BOOT: SWITCH, TOGGLE, SPDT, 10A @ 250 VAC, CENTER-OFF, MAINTAINED CONTACTS, CHROME LEVER, NEOPRENE SEALING BOOT (EQ. TO APEM COMPONENTS MD#3539-001B000 AND MD#U2252). MOUNT SWITCH IN 1-GANG BOX WITH BLANK COVER (EQ. TO CARLON MD#E981EFN AND MD#E980CN-CAR). TAP HOLE IN COVER CENTER TO MOUNT SWITCH. SEE NOTE #3.
8. MOUNTING PLATE: ½" INSUL. MTG. BOARD, PHEN. LAMIN., NEMA GRADE X (EQUAL TO PORT PLASTICS MD# NP610), TAN NAT. COLOR, MOUNT TO BOSS FEET ON BOX W/ S.S. FLAT HEAD SCREWS, CTR-SINK HOLES TO MATCH SCREWS
9. CABINET: CAST ALUMINUM OR STAINLESS STEEL, WALL MOUNT, HINGED DOOR WITH NEOPRENE GASKET, DOOR LOCK AND KEY, TEE VENT, 36"W X 36"H X 14"D. (EQUAL TO SECO SOUTH MODEL #PW36WM)

LIGHTING CONTROLLER LAYOUT *
(TYPICAL; STRUCTURE MOUNT W/ HAND-OFF-AUTOMATIC CONTROL SWITCH)

DRAWING NO. RL404d 12/09

* COORDINATE WITH EQUIPMENT LIST (200 ITEMS) AS SHOWN ON SHEET E-16



NOTES:
1. SERVICE: 120/240 VOLT, GROUNDED, 1 Ø, 60 HZ.
2. WIRING SCHEMATIC SHOWN IS A GENERAL WIRING LAYOUT. NUMBER OF CIRCUIT BREAKERS AND RELAY CONTACTS MAY VARY.
3. CONTRACTOR SHALL OBTAIN APPROVAL FROM UTILITY CO. BEFORE INSTALLATION.
4. REFER TO OTHER ELEC. DETAILS FOR ADDITIONAL INFORMATION AND/OR SPECIFICATIONS.
5. H-O-A = HAND-OFF-AUTO SWITCH.

* SCHEMATIC SHOWN AT NIGHT WITH LIGHTS ON.

LIGHTING CONTROLLER SCHEMATIC
(TYPICAL; NO UTILITY METERING)

DRAWING NO. RL405g 12/09

CIRCUIT SCHEDULE

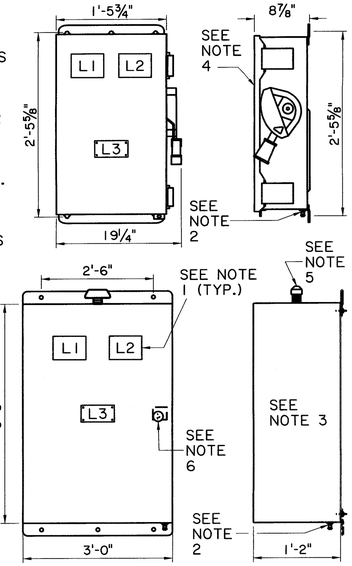
SERVICE PT. NO.	#CKTS/ S.P.	MAIN BKR. TRIP	CIRCUIT BKR. TRIP CKT.1	CKT.2	CKT.3	CKT.4	CONTACTOR NO. CONT.	CONT. RATING	CONDUCTORS SERVICE
			20	20	20	20			
SPC-A	6	150	CKT.5	CKT.6			6	100	#1/0 AWG
			20	20					
SERVICE PT. NO.	#CKTS/ S.P.	MAIN BKR. TRIP	CIRCUIT BKR. TRIP CKT.1	CKT.2	CKT.3	CKT.4	CONTACTOR NO. CONT.	CONT. RATING	CONDUCTORS SERVICE
			CKT.5	CKT.6					

NOTE: 1. CONDUCTORS FROM MAIN BREAKER TO CONTACTOR ARE TO BE THE SAME SIZE AS THE SERVICE CONDUCTORS.
2. CONDUCTORS FROM CONTACTOR TO BRANCH BREAKERS NEED NOT HAVE A GREATER AMPACITY THAN THE BRANCH BREAKER TRIP AMPS.
3. SEE PLANS AND RL DETAILS FOR ADDITIONAL INFORMATION.
4. S.P. = SERVICE POINT.

LIGHTING CONTROLLER CIRCUIT SCHEDULE
(TYPICAL)

DRAWING NO. RL406 08/05

NOTES;
1. FOR LABEL "L1", "L2", & "L3" SEE DETAIL RL805a & RL807 FOR ADDITIONAL REQUIREMENTS. ACTUAL LABEL LOCATONS MAY VARY.
2. UNIV. DRAIN/BREATH. (EQ. TO APPLETON MD# ECDB50B); THREADED HUB & REDUCER BUSHING (EQ. TO SQUARE D MD# B075 & CROUSE-HINDS MD# RE21)
3. CABINET ENCL., WALL MNT., UPPER & LWR. WALL MNT. BKTS. HAVING 3 PRE-DRILLED ⅜" ø HOLES, HINGED DOOR W/ NEOPRENE GASKET, 4 - ⅝" S.S. CARRIAGE BOLTS (EQ. TO SECO SOUTH MD# PW36WM); BOLTS SHALL BE USED FOR SECURING WALL MNT. BRACKETS TO ENCL. & AS "BOSS" FEET FOR INTER. MTG. PLATE. BOLT LENGTHS SHALL BE AS REQUIRED.
4. SAFETY SWITCH, 200 AMP, FUSED, 3 POLE, 600 VAC, TYPE 316 S.S. ENCL., NEUTRAL AND EQUIPMENT GROUNDING KITS (EQUAL TO SQUARE D MD# H364SS, #SN20A, AND #PKOGTA2).
5. TEE VENT, 1½", W/ THREADED NIPPLE (EQUAL TO SECO SOUTH MD# 11338); CENTER VENT ON TOP OF CABINET ENCLOSURE.
6. ENCLOSURE LOCK (EQ. TO CCL SECURITY PROD. MD#R357SGS; ENCL. KEY, LONG (EQ. TO CCL SECURITY PROD. MD#R4266); PROVIDE 2 KEYS (MIN.) W/ EACH LOCK.



* REFER TO OTHER "RL DETAILS" FOR ADDITIONAL REQUIREMENTS.

ELECTRICAL SERVICE EQUIPMENT
(SERVICE DISCONNECT AND SECONDARY POWER CONTROLLER)

DRAWING NO. RL407 12/09

STATE OF LOUISIANA * W. CHASE KNIGHT * License No. 15365 PROFESSIONAL ENGINEER 12-09 ELECTRICAL ENGINEERING

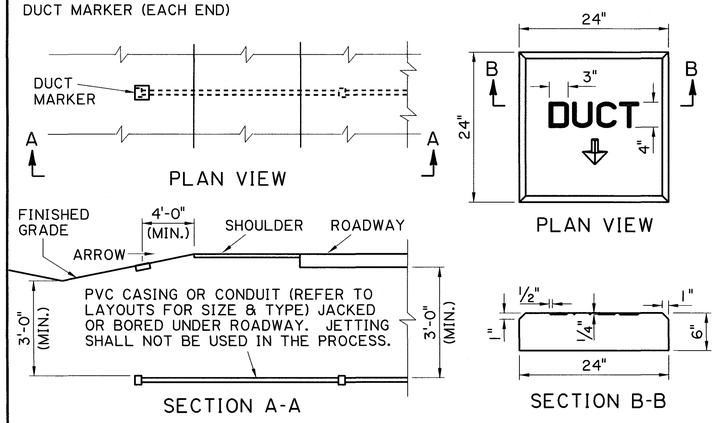
SHEET NUMBER 151
PARISH EAST BATON ROUGE
CONTROL SECTION
STATE PROJECT H.012232
DESIGNED BJK CHECKED WCK
DETAILED BJK CHECKED WCK
SERIES 2 OF 5 NUMBER
REVISION OR CHANGE ORDER DESCRIPTION
NO. DATE BY

ELECTRICAL DETAILS

LA 3064 TO LA 1248 PHASE II

BOTD Stantec

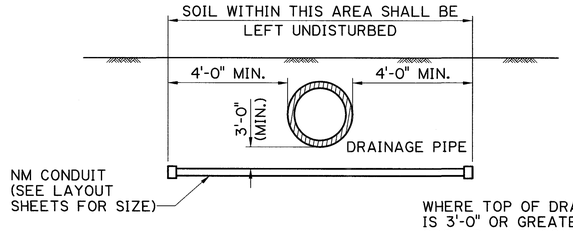
DUCT MARKER (EACH END)



THE ENDS ABOVE OF ALL ROADWAY DUCT CROSSINGS SHALL BE MARKED WITH A CONCRETE OR POLY. CONCRETE SLAB 6" THICK BY 2 FEET SQUARE, WITH 1" BEVELED EDGES, AND 4" HIGH BY 3" WIDE LETTERS HAVING 1/2" WIDE BY 1/4" DEEP STROKE (OR AS LARGE AS THE AVAILABLE SPACE PERMITS). THE MARKER SLAB SHALL EXTEND APPROX. 1/2" ABOVE FINISHED GRADE. THE WORD "DUCT", THE NUMBER OF DUCTS BENEATH THE MARKER, THE SIZE OF EACH DUCT, AND AN ARROW INDICATING THE DIRECTION OF EACH DUCT SHALL BE IMPRESSED ON THE SURFACE OF EACH MARKER SLAB. INSTALL THE SLAB WITH THE ARROW PARALLEL AND IN THE DIRECTION OF ROADWAY DUCT CROSSING AS SHOWN ABOVE. A SUBMITTAL IS REQUIRED FOR APPROVAL PRIOR TO INSTALLATION.

UNDER ROAD CROSSING AND DUCT MARKER
(TYPICAL)

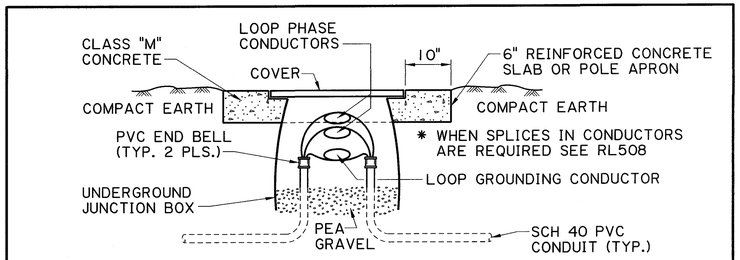
DRAWING NO. RL501 12/09



WHERE TOP OF DRAINAGE PIPE IS 3'-0" OR GREATER BELOW GROUND LINE, CONDUIT SHALL CROSS OVER DRAINAGE PIPE.

DRAINAGE PIPE CROSSING
(TYPICAL)

DRAWING NO. RL501a 07/15



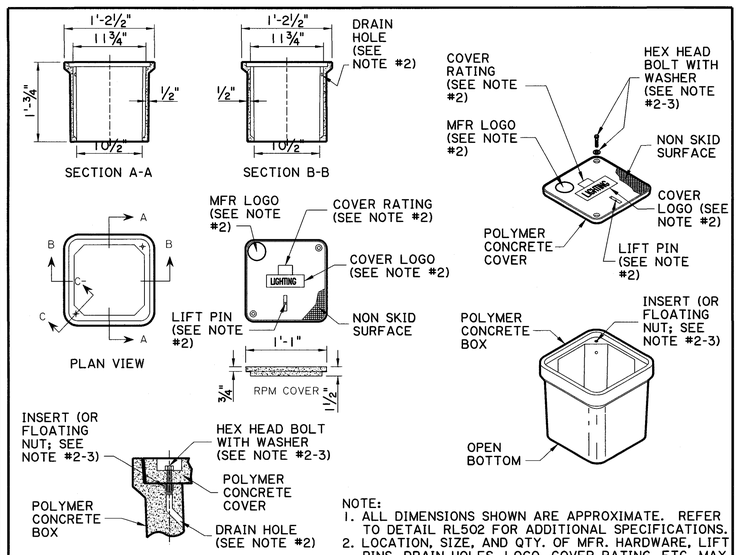
NOTE: CONTRACTOR SHALL INSTALL CONDUITS AT AN APPROPRIATE DEPTH (≥3'-0") TO ACHIEVE REQUIRED VERTICAL ALIGNMENT OF CONDUITS INTO JUNCTION BOX.

UNDERGROUND JUNCTION BOX:

JUNCTION BOX SHALL BE FABRICATED FROM FIBERGLASS REINFORCED POLYMER CONCRETE OR U.V. STABILIZED HIGH-DENSITY POLYETHYLENE HAVING U.V. STABILIZED GREEN, BLACK, OR GREY COLOR. BOX SHALL BE INSTALLED IN A 6" THICK CONCRETE PAD UNLESS SHOWN OTHERWISE ON THE PLANS. BOX AND COVER SHALL BE DESIGNED FOR USE IN ROADWAY APPLICATIONS AND BE HEAVY DUTY RATED 150 PSI OVER A 10"X10" AREA (MINIMUM). ALL BOX AND COVER HARDWARE SHALL BE MARINE DUTY STAINLESS STEEL WITH A MINIMUM 30,000 P.S.I. YIELD STRENGTH. BOX COVER SHALL BE FABRICATED FROM FIBERGLASS REINFORCED POLYMER CONCRETE AND SHALL ALSO INCLUDE STANDARD "LIGHTING" LOGO. UNLESS NOTED OTHERWISE, BOX SHALL HAVE INTERIOR DIMENSIONS 12"(LENGTH) X 12"(WIDTH) X 10"(DEPTH), WITH DEPTH MEASURED FROM BOTTOM OF COVER TO BOTTOM OF BOX WHILE COVER IS INSTALLED. BOX AND COVER SHALL COMPLY WITH THREE (3) POSITION TESTING AS REQUIRED BY UNDERWRITER LABORATORIES (U.L.) OR WESTERN UNDERGROUND COMMITTEE (W.U.C.), GUIDELINE 3.6. FOR EQUIPMENT NOT U.L. OR W.U.C. 3.6 COMPLIANT, PROOF OF EQUIVALENT TESTING SHALL BE SUPPLIED BY A REGISTERED PROFESSIONAL ENGINEER. ALL DIMENSIONS ARE MINIMUM.

UNDERGROUND JUNCTION BOX
(TYPICAL; WITH FIBERGLASS REINFORCED POLYMER CONCRETE COVER)

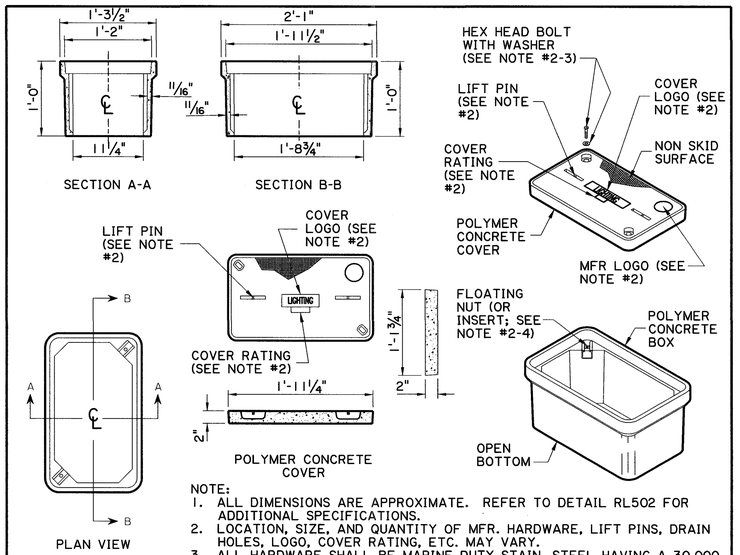
DRAWING NO. RL502 04/10



NOTE:
1. ALL DIMENSIONS SHOWN ARE APPROXIMATE. REFER TO DETAIL RL502 FOR ADDITIONAL SPECIFICATIONS.
2. LOCATION, SIZE, AND QTY. OF MFR. HARDWARE, LIFT PINS, DRAIN HOLES, LOGO, COVER RATING, ETC. MAY VARY.
3. ALL HARDWARE SHALL BE MARINE DUTY STAINLESS STEEL HAVING A 30,000 PSI (MIN.) YIELD STRENGTH.

UNDERGROUND JUNCTION BOX
(JB-1)

DRAWING NO. RL502b 06/07



NOTE:
1. ALL DIMENSIONS ARE APPROXIMATE. REFER TO DETAIL RL502 FOR ADDITIONAL SPECIFICATIONS.
2. LOCATION, SIZE, AND QUANTITY OF MFR. HARDWARE, LIFT PINS, DRAIN HOLES, LOGO, COVER RATING, ETC. MAY VARY.
3. ALL HARDWARE SHALL BE MARINE DUTY STAIN. STEEL HAVING A 30,000 PSI (MIN.) YIELD STRENGTH.
4. WHEN A MFR. DESIGNED INSERT IS PROVIDED, A MFR. DESIGNED DRAIN HOLE FOR EACH INSERT SHALL ALSO BE INCLUDED IN THE BOX WALL.

UNDERGROUND JUNCTION BOX
(JB-3)

DRAWING NO. RL502d 06/07

SHEET NUMBER 152

PARISH: EAST BATON ROUGE
CONTROL SECTION:
STATE PROJECT: H.012232

DESIGNED: BJK
CHECKED: WCK
DETAILED: BJK
CHECKED: WCK
SERIES NUMBER: 3 OF 5

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

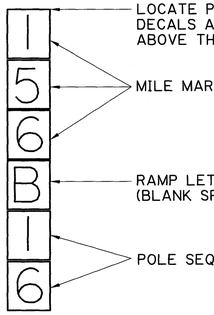
ELECTRICAL DETAILS

LA 3064 TO LA 1248 PHASE II

STATE OF LOUISIANA
W. CHELSAE KNIGHT
License No. 15365
PROFESSIONAL ENGINEER
ELECTRICAL ENGINEERING

POTD

Stantec



LOCATE POLE MARKER DECALS APPROX. 6' ABOVE THE GROUND

MILE MARKER NUMBER

RAMP LETTER (BLANK SPACE IF NO RAMP)

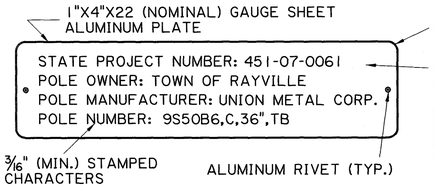
POLE SEQUENCE NUMBER

THE POLE MARKERS SHALL BE 2"X4" AND HAVE A CHARACTER HEIGHT OF 3" (MIN.).

THE MARKERS SHALL HAVE BLACK LETTERS AND A REFLECTIVE YELLOW BACKGROUND. THEY SHALL BE THE SELF-STICKING, HEAVY DUTY INDUSTRIAL TYPE. (SEE MARKER LEGEND)

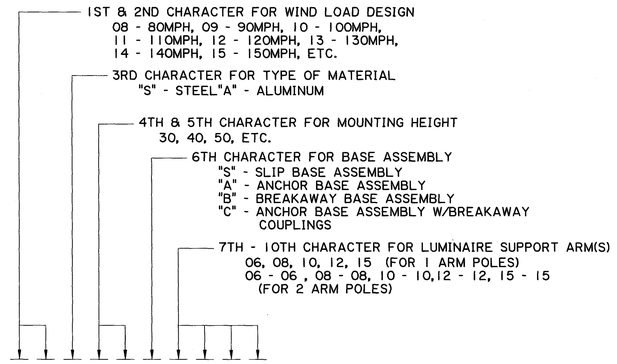
THE MARKERS SHALL BE LOCATED APPROX. 6'-0" ABOVE THE GROUND AND AT A 45° ANGLE FACING ONCOMING TRAFFIC.

POLE SEQUENCE NUMBERING:
FOR EACH LIGHTING CIRCUIT, POLE SEQUENCE NUMBER "01" SHALL BE THE LAST POLE ON THE CIRCUIT FARTHEST AWAY FROM THE SERVICE POINT AND INCREMENTED BY 1 TRAVELING BACK TOWARDS THE SERVICE POINT.



POLE MARKER DECAL AND OWNERSHIP PLATE
(TYPICAL; LOWMAST)

DRAWING NO. RL506 10/11

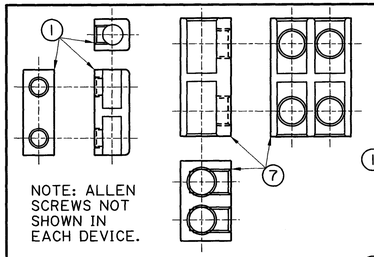


ADDITIONAL SUFFIXES MAY BE AS FOLLOWS:

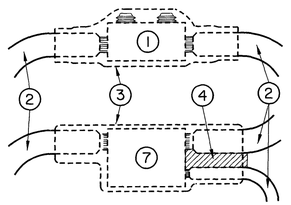
"C" - BOLT COVERS
"B" - SINGLE BALLAST ADAPTER
"B2" - TWIN BALLAST ADAPTER
"NH" - OMIT HANDHOLE
"NAB" - OMIT ANCHOR BOLTS
"P" - PAINTED POLE FOLLOWED BY COLOR
"X" - HANDHOLE LOCATION OTHER THAN 90° (90° IS STANDARD LOCATION)
"CA" - CLAMP TYPE ARM ATTACHMENT (FOR ALUMINUM POLES ONLY)
"F1" - FULLY INTERCHANGEABLE POLES
"TB" - TRANSFORMER BASE WITH POLE

STANDARD POLE NUMBER FORMAT
(LOWMAST)

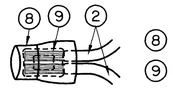
DRAWING NO. RL506a 10/07

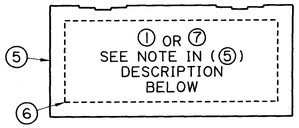


NOTE: ALLEN SCREWS NOT SHOWN IN EACH DEVICE.



*ALL SPLICE TYPES NOT SHOWN. ADDITIONAL SPLICES MAY BE USED IF APPROVED BY THE DESIGN ENGINEER OR ELECT. INSPECTOR.

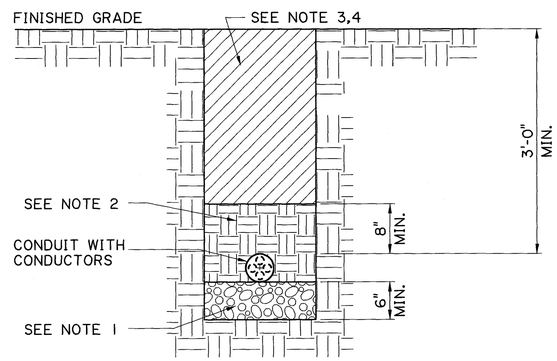




1. TAP CONNECTOR, PARALLEL, DUAL RATED, W/ALLEN HEAD SET SCREWS, U.L. LISTED (EQ. TO IDEAL OR ILSCO).
2. CONDUCTOR
3. MECHANICAL MOISTURE SEAL (5) OR HEAT SHRINK MOISTURE SEAL OVER THE ENTIRE SPLICE.
4. BUTYL RUBBER SEALANT TAPE. PLACE TAPE BETWEEN WIRES & WRAP ENTIRE CONNECTOR (EQ. TO T&B MODEL #HSTS25).
5. CLOSURE, GEL-FILLED, 600V (EQ. TO RAYCHEM, MG², OR CMC) (NOTE: CONNECTOR USED WITH CLOSURE MUST BE APPRVD. BY CLOSURE MFR. PRIOR TO USE IN DEVICE).
6. SILICONE GEL SEALANT (2 SIDES) (NOTE: SILICONE GEL SEALANT SHALL BE RATED 90°C MINIMUM).
7. TAP CONNECTOR, PARALLEL, DUAL RATED, W/ALLEN HEAD SET SCREWS, U.L. LISTED (EQ. TO IDEAL OR CMC).
8. SPLICE CAP INSULATOR
9. CRIMP CONNECTOR (COPPER)

SPLICE AND TAP CONNECTOR
(TYPICAL)

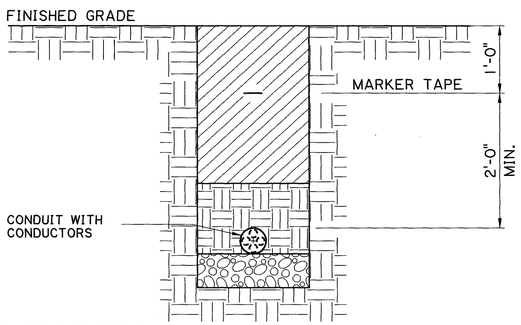
DRAWING NO. RL508 07/10



NOTE:
1. INITIAL BACKFILL AND BEDDING OF TAMPED GRANULAR MATERIAL WHERE REQUIRED AND AS DIRECTED BY THE PROJECT ENGINEER. SEE SECTION 723 OF THE "STANDARD SPECIFICATIONS" FOR SPECIFICATIONS ON TAMPED GRANULAR MATERIAL.
2. FINAL BACKFILL FREE OF LARGE STONES, ROCKS, CLUMPS, AND DEBRIS.
3. ANY ASPHALT OR CONCRETE MATERIAL REMOVED DURING TRENCHING SHALL BE REPLACED WITH LIKE MATERIAL TO MATCH EXISTING.
4. SEE PLAN SPECIFICATIONS, GENERAL NOTES, LAYOUT SHEETS, AND DETAILS FOR ADDITIONAL INFORMATION.

TRENCHING DETAIL (TYPICAL)
(CONDUIT WITH CONDUCTORS RATED 600 VOLTS AND BELOW)

DRAWING NO. RL513 09/14



MARKER TAPE (UNDERGROUND):
MARKER TAPE SHALL BE UDG. DETECTABLE-TYPE, SHALL BE CONSTRUCTED FROM A FLEXIBLE AND DURABLE LAMINATE HAVING HIGH-VISIBILITY. MARKER TAPE SHALL ENDURE TEMPERATURE RANGES FROM -60°F TO 250°F (MINIMUM). MARKER TAPE SHALL BE 3" OR 6" WIDE, HAVE 5 MIL (MIN.) THICKNESS, AND BE PRINTED POLYETHYLENE WITH A METALLIC CORE (OR BACKING). MARKER TAPE SHALL PROVIDE FULL LATERAL COVERAGE, REMAIN CENTERED AND IN VERTICAL ALIGNMENT 12" BELOW FINISHED GRADE, AND BE CONTINUOUS OVER THE ENTIRE LENGTH (NOTE: FOR LARGE RACEWAY CONFIGURATIONS, MORE THAN ONE (1) WIDTH OF TAPE MAY BE REQUIRED). MARKER TAPE SHALL HAVE RED COLOR AS SPECIFIED BY A.W.P.A./U.L.C.C. UNIFORM COLOR CODE FOR BURIED ELECTRIC LINES AND HAVE TWO (2) CONTINUOUS AND PERMANENT LINES OF PRINTED WARNING AND IDENTIFICATION IN BOLD, BLACK, BLOCK-TYPE INK OVER THE ENTIRE TAPE LENGTH. THE TOP LINE SHALL READ "CAUTION". BOTTOM LINE SHALL READ "BURIED ELECTRIC LINE BELOW". MARKER TAPE SHALL HAVE PROVEN UNDERGROUND DURABILITY, RESIST ACIDS, ALKALIS, WATER, AND BE MANUFACTURED FROM A HIGH QUALITY MATERIAL THAT MEETS OR EXCEEDS ALL INDUSTRY MINIMUM SPECIFICATIONS TO ASSURE LONG-TERM PERFORMANCE.

MARKER TAPE (UNDERGROUND)
(TYPICAL; DETECTABLE TYPE)

DRAWING NO. RL520 05/11

STATE OF LOUISIANA
W. CHELSAE HAIGHT
License No. 15363
PROFESSIONAL ENGINEER
ELECTRICAL ENGINEERING

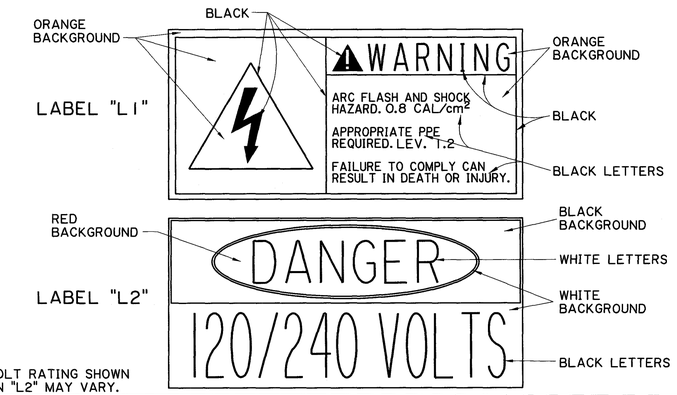
SHEET NUMBER 153
EAST BATON ROUGE | PARISH | CONTROL SECTION | H.012232 STATE PROJECT
DESIGNED BJK | CHECKED WCK | DETAILED BJK | CHECKED WCK | SERIES 4 OF 5 NUMBER
NO. | DATE | REVISION OR CHANGE ORDER DESCRIPTION | BY

ELECTRICAL DETAILS
LA 3064 TO LA 1248 PHASE II

DOTD | Stantec

LIGHTING CONTROLLERS, SWITCHBOARDS, CONTROL DESKS, DISCONNECTS, JUNCTION BOXES, GATE HOUSINGS, OTHER ENCLOSURES CONTAINING MOVABLE CONTACTS OR WIRE SIZE(S) #2 COPPER OR LARGER, AND WHERE SPECIFIED BY THE PROJECT ENGINEER SHALL BE FIELD MARKED ACCORDING TO NATIONAL ELECTRICAL CODE (N.E.C.) TO WARN QUALIFIED PERSONNEL OF THE POTENTIAL ELECTRICAL ARC FLASH HAZARDS AND DANGER.

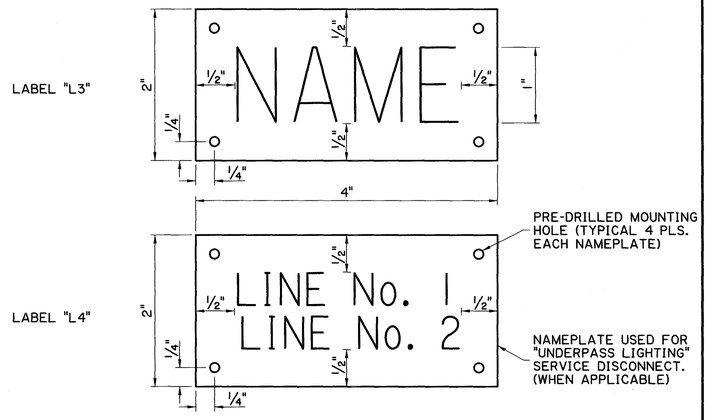
LABEL(S) SHALL BE 5"X7" (MINIMUM). LABEL(S) SHALL BE MADE OF ENGRAVED STOCK WITH MARINE GRADE STAINLESS STEEL FASTENERS HAVING A MINIMUM 30,000 PSI YIELD STRENGTH. LABEL(S) SHALL BE OUTDOOR RATED AND PROTECTED FROM U.V. RADIATION, MOISTURE, OXIDATION, AND OTHER POLLUTANTS. LABEL(S) SHALL BE SURFACE MOUNT AND SUITABLE FOR INSTALLING ON FLAT SURFACES OF METAL, FIBERGLASS, OR PAINT. AFFIX LABEL(S) TO ALL DOORS OF LIGHTING CONTROLLERS, CONTROL CABINETS, CONSOLES, JUNCTION BOXES CONTAINING TERMINAL BLOCKS, GATE HOUSINGS, ETC., AND WHERE SPECIFIED BY THE PROJECT ENGINEER. LABELS SHALL COMPLY WITH MINIMUM REQUIREMENTS SET FORTH BY OSHA 29 CFR PART 1910, NFPA 70, AND NFPA 70E, ARC FLASH PROTECTION (SEE N.E.C. 110.16). ANY VARIATIONS IN LABEL SIZE MUST BE SUBMITTED TO THE DESIGN ENGINEER FOR APPROVAL.



ELECTRICAL LABELS
(TYPICAL; ENGRAVED STOCK TYPE)

DRAWING NO. RL805a 08/10

WHERE SHOWN ON THE PLANS OR REQUIRED BY THE PROJECT ENGINEER, ALL LIGHTING CONTROLLERS, SWITCHBOARDS, CONTROL DESKS, DISCONNECTS, JUNCTION BOXES, GATE HOUSINGS, AND OTHER EQUIPMENT ENCLOSURES SHALL HAVE A NAMEPLATE AS SHOWN BELOW. REFER TO PLAN SHEETS AND DETAILS FOR NAME AND LOCATION. NAMEPLATE SHALL BE FABRICATED FROM 1/16" THICK (MINIMUM) PHENOL PLATE ENGRAVED STOCK. NAMEPLATE SHALL HAVE SATIN BLACK OUTER LAYER, WHITE INNER LAYER AND 45° BEVELED EDGES. NAMEPLATE SHALL HAVE 1" SIZE (MINIMUM) BLOCK-STYLE LETTERS AND FOUR (4) 1/8" (MINIMUM) DIAMETER PRE-DRILLED HOLES, ONE (1) LOCATED AT EACH CORNER, FOR MOUNTING NAMEPLATE. FASTEN NAMEPLATE TO EQUIPMENT USING #6-32 (MINIMUM) MARINE DUTY STAINLESS STEEL SELF-TAPPING MACHINE SCREWS HAVING 30000 PSI (MINIMUM) YIELD STRENGTH. NAMEPLATE SHALL BE LEVEL AFTER INSTALLATION. INSTALL NAMEPLATE WHERE APPLICABLE OR AS INDICATED IN THE PLANS. ANY VARIATIONS IN NAMEPLATE SIZE SHOWN BELOW MUST BE SUBMITTED TO THE DESIGN ENGINEER FOR APPROVAL.



ELECTRICAL NAMEPLATES
(TYPICAL; ENGRAVED PHENOL STOCK TYPE)

DRAWING NO. RL807 04/11

E-15

SHEET NUMBER 154

PARISH: EAST BATON ROUGE
CONTROL SECTION: H.012232
STATE PROJECT:
DESIGNED BJK
CHECKED WCK
DETAILED BJK
CHECKED WCK
SERIES NUMBER 5 OF 5

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

STATE OF LOUISIANA DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT

DOTD | Stantec

ELECTRICAL DETAILS

LA 3064 TO LA 1248 PHASE II

ELECTRICAL SERVICE EQUIPMENT DESCRIPTION LIST (100 NUMBER ITEMS)

ITEM NO	ITEM NAME	QUANTITY	PAY ITEM REFERENCE	MANUFACTURER	CATALOG NO.	ALT. MANUFACTURER	DESCRIPTION
100	-	-	-	-	-	-	NOT USED
101	-	-	-	-	-	-	NOT USED
102	-	-	-	-	-	-	NOT USED
103	SERVICE DISCONNECT	1	822-20-00100	SQUARE D	H364SS	SIEMENS	FUSIBLE, HEAVY DUTY, 3 POLE, 600 VAC, 200 AMPERE RATED SAFETY SWITCH IN A NEMA 4X TYPE 316 STAINLESS STEEL ENCLOSURE.
104	FUSES	2	822-20-00100	COOPER BUSSMAN	FRN-R-150	FERRAZ-SHAWMUT	150 AMP RATED, 250 VOLT, DUAL-ELEMENTS, TIME DELAY, CURRENT-LIMITING, INTERRUPTING RATING, 200,000A RMS SYM., 20,000 AIC.
105	-	-	-	-	-	-	NOT USED

NOTES:

1) EQUIPMENT SHALL BE AS SPECIFIED OR APPROVED EQUAL. QUANTITIES ARE APPROXIMATE.

2) DESCRIPTION SHALL GOVERN OVER CATALOG NUMBERS.

3) THIS LIST IS NOT TO BE USED AS A SUMMARY OF ESTIMATED QUANTITIES BUT IS PROVIDED TO ASSIST THE CONTRACTOR FOR BIDDING. IT MAY NOT INCLUDE ALL ITEMS TO BE BID. THE CONTRACTOR SHALL REVIEW THE ENTIRE PLAN SET PRIOR TO BIDDING.

4) REFER TO 400 NUMBER ITEM LIST FOR LIGHTING CONTROLLER LABEL, CONDUIT, CONDUCTOR AND GROUND EQUIPMENT DESCRIPTION.

LIGHTING CONTROLLER EQUIPMENT DESCRIPTION LIST (200 NUMBER ITEMS)

ITEM NO	ITEM NAME	QUANTITY	PAY ITEM REFERENCE	MANUFACTURER	CATALOG NO.	MANUFACTURER	DESCRIPTION
200	SECONDARY POWER CONTROL SUPPORT STRUCTURE	1	822-08-00200	-	-	-	REFER TO PLAN SHEET #E-12 "DETAIL RL403b" FOR SECONDARY POWER CONTROL SUPPORT STRUCTURE DESCRIPTION.
201	CABINET ENCLOSURE	1	822-08-00200	SECO SOUTH	PW36WM	HOFFMAN	36"W X 36"H X 14"D CAST ALUMINUM OR STAINLESS STEEL WALL MOUNTED CABINET ENCLOSURE, HINGED DOOR SHALL HAVE NEOPRENE GASKET, LOCK & KEY, TEE VENT (ITEMS 202, 203, 217).
202	CABINET LOCK	1	822-08-00200	CCL SECURITY PROD.	R357SGS	PDC INC.	BRASS, CAST ZINC ALLOY POLICE CALL BOX LOCK.
203	CABINET KEY	2	822-08-00200	CCL SECURITY PROD.	R4266	PDC INC.	LONG KEY, 2 KEYS (MIN.), COMPATIBLE WITH CABINET LOCK (ITEM 202).
204	MAIN CIRCUIT BREAKER	1	822-08-00200	SIEMENS	QJH22B150	SQUARE D	150 AMP, 240 VAC RATED, 22kAIC (MIN.) @ 240 VAC, 2 POLE CIRCUIT BREAKER.
205	-	-	-	-	-	-	NOT USED
206	BRANCH CIRCUIT BREAKER	6	822-08-00200	SIEMENS	CQD220	SQUARE D	20 AMP, 600 VAC RATED, 22kAIC (MIN.) @ 240 VAC, 2 POLE CIRCUIT BREAKER.
207	LIGHTING CONTACTOR	2	822-08-00200	SQUARE D	8903	CUTLER-HAMMER	100 AMP, ELECTRIC HELD CONTACTOR, 4 CONTACTS, 600 VAC RATED, 120 VAC COIL, HIGH PRESSURE BOX LUG.
208	POWER DISTRIBUTION BLOCK	6	822-08-00200	FERRAZ SHAWMUT	67562	SQUARE D	INTERMEDIATE, BOX TO BOX, 2 POLE AL STUD, 600 V RATED POWER DISTRIBUTION BLOCK, WITH 2 SAFETY COVERS, MNT. WITH STAINLESS STEEL HARDWARE. PRIMARY WIRE RANGE: 2/0 - #14 (1 COUNT MIN). SECONDARY WIRE RANGE: #2 -14 (6 COUNT MIN).
209	SECONDARY SURGE ARRESTOR	1	822-08-00200	SQUARE D	SDSA3650	ADVANTAGE	650 VAC RATED PHASE TO GND. (MAX.) SURGE ARRESTOR, 50/60 HZ, 40kA/ø (MAX.) SURGE AMPS, THERMAL FUSING, U.L. LISTED.
210	CONTROL FUSE HOLDER	1	822-08-00200	COOPER-BUSSMANN	BC6031B	SQUARE D	30 A, CLASS CC, 600 VAC FUSE HOLDER, U.L. LISTED, 1 POLE, COPPER BOX LUG TERMINALS.
211	CONTROL FUSE	1	822-08-00200	COOPER-BUSSMANN	KTK-R-7	FERRAZ SHAWMUT	7 AMP, CLASS CC, FAST-ACTING, 600 VAC CONTROL FUSE, U.L. LISTED.
212	PHOTO-ELECTRIC CONTROL	1	822-08-00200	PRECISION	ECDV-C-P-TD	INTERMATIC	TWIST LOCK, MOUNTING BRKT., SOLID STATE, HERMETICALLY SEALED PHOTO-ELECTRIC CONTROL, 105-285 VAC, 1800 VA, TIME DELAY SWITCHING, N.C. CONTACT, OPER. SWITCH LEVELS 2.0 F.C. ON/OFF +20%, TEMP. RANGE -40°F TO +140°F.
213	PHOTO-ELECTRIC CONTROL RECEPTACLE	1	822-08-00200	PRECISION	M2A	INTERMATIC	PLUG AND TWIST, 3 PRONG NEMA LOCKING TYPE, 105-300 VAC RECEPTACLE, COMPATIBLE WITH PHOTO-ELECTRIC CONTROL (ITEM 212).
214	H-O-A SWITCH	1	822-08-00200	APEM COMPONENTS	3539-001B000	HONEYWELL	TOGGLE S.P.D.T.SWITCH, 10 A @ 250VAC, CTR.-OFF MAINTAINED CONTACTS, CHROME LEVER.
215	SEALING BOOT	1	822-08-00200	APEM COMPONENTS	U2252	APM HEXSEAL	NEOPREVE SHORE 50, BLACK TOGGLE SEALING BOOT.
216	MOUNTING PLATE	1	822-08-00200	PORT PLASTICS	NP610	CURRENT	½" INSULATED MOUNTING BOARD, PHENOLIC LAMINATE, NEMA GRADE X, TAN NATURAL COLOR.
217	VENT	1	822-08-00200	SECO SOUTH	11338	HOFFMAN	1½" TEE VENT, WITH THREAD NIPPLE, CENTER TEE VENT ON TOP OF CABINET ENCLOSURE.
218	UNIVERSAL DRAIN/ BREATHER	1	822-08-00200	APPLETON	ECDB50B	CROUSE-HINDS	½" STAINLESS STEEL UNIVERSAL DRAIN/BREATHER FOR CONTINUOUS VENTILATION AND WATER DRAINAGE, RAINTIGHT.
219	THREADED HUB	1	822-08-00200	SQUARE D	B075	SECO SOUTH	¾" THREADED HUB.
220	REDUCER BUSHING	1	822-08-00200	CROUSE-HINDS	RE21	SECO SOUTH	¾" TO ½" STEEL REDUCER BUSHING
221	-	-	-	-	-	-	NOT USED

STATE OF LOUISIANA
W. CHELSAE KNIGHT
License No. 15365
PROFESSIONAL ENGINEER
IN
ELECTRICAL ENGINEERING

E-16

SHEET NUMBER 155

EAST BATON ROUGE | PARISH | CONTROL SECTION | STATE PROJECT H.012232

DESIGNED BJK | DETAILED BJK | SERIES NUMBER 1 OF 3
CHECKED WCK | CHECKED WCK

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

STATE OF LOUISIANA DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT

EQUIPMENT DESCRIPTION LIST

LA 3064 TO LA 1248 PHASE II

POD | Stantec

LUMINAIRE, POLE, AND JUNCTION BOX EQUIPMENT DESCRIPTION LIST (300 NUMBER ITEMS)

ITEM NO	ITEM NAME	QUANTITY	PAY ITEM REFERENCE(S)	MANUFACTURER	CATALOG NO.	ALT. MANUFACTURER	DESCRIPTION
300	MODULAR POLE CABLE/CORD SYSTEM DISTRIBUTION BLOCK	36	822-19-00100	MG²	DOT•PLUG	-	DISTRIBUTION BLOCK SHALL CONTAIN A THREE WIRE OUTLET INTEGRALLY MOLDED TO 1' LENGTH OF 12/3 SOWA CABLE. WATERTIGHT WHEN THE PLUG IS ENGAGED AND FULLY SEATED. DIMENSIONS APPX. 2¼"X3"X3". THESE DIMENSIONS ARE CRITICAL DUE TO LIMITED SPACE IN THE JUNCTION BOX.
301	MODULAR POLE CABLE/CORD SYSTEM POWER CABLE	36	822-19-00100	MG²	DOT•PLUG	-	10' LENGTH OF 14/3 SOWA CABLE WITH A FUSED MALE PLUG (MODEL# 3MFP10) ON ONE END AND A FEMALE CONNECTOR (MODEL# FTP-3) ON THE OTHER END. FUSED PLUG SHALL BE MOLDED IN RED AND THE FEMALE PLUG IN ORANGE. FUSED PLUG SHALL CONTAIN A 2 BUSS KTK 5 AMPS FOR SINGLE LUMINAIRE AND 10 AMPS FOR DUAL LUMINAIRE. 500 VOLT FUSE (SIZE AS REQUIRED) AND PROVIDE A WATERTIGHT SEAL WHEN MATED TO THE DIST. BLOCK. CABLE SHALL BE RESTRAINED AT EACH END OF THE CONDUIT TO PREVENT MOVEMENT AND FORCE DISCONNECTION UPON POLE BREAKAWAY.
302	MODULAR POLE CABLE/CORD SYSTEM LUMINAIRE CABLE	36	822-19-00100	MG²	DOT•PLUG	-	VARIABLE LENGTH 14/3 SOWA CABLE WITH MALE PLUG MOLDED IN ORANGE. CONNECTOR SHALL REQUIRE 25 POUND FORCE TO MATE OR TO DISENGAGE FROM THE FEMALE END. WHEN ENGAGED, THE CONNECTION SHALL BE WATERTIGHT. CABLE STRAIN RELIEF SHALL EXTEND APPX. 2" FROM THE CONNECTOR.
303	LOW VOLTAGE CLOSURE	AS REQUIRED	822-19-00100	MG²	MG2-SC-2	-	600V RATED LOW-VOLTAGE CLOSURE WITH SILICONE GEL FOR UNDERGROUND APPLICATIONS. SHALL MEET ANSI C119.1-1986 REQUIREMENTS.
304	SPLIT-BOLT CONNECTOR	AS REQUIRED	822-19-00100	BURNDY/SERVIT	KS	-	HIGH STRENGTH COPPER ALLOY, MECHANICAL, PROVIDE CONNECTORS WITH A RANGE THAT WILL ACCOMMODATE THE LARGEST GROUNDING CONDUCTOR AT EACH LOCATION.
305	-	-	-	-	-	-	NOT USED
306	UNDERGROUND JUNCTION BOX (JB-1)	36	822-16-00100	QUAZITE	PC1212HA00, PC1212BA12	ARMORCAST	12"X12" POLYMER CONCRETE OR HIGH-DENSITY POLYETHYLENE UNDERGROUND JUNCTION BOX. BOX COVER SHALL INCLUDE "LIGHTING" LOGO. REFER TO PLAN SHEET #E-4, PARAGRAPH H, AND PLAN SHEET #E-13 "DETAIL RL502 AND RL502b" FOR ADDITIONAL SPECIFICATIONS AND REQUIREMENTS.
307	-	-	-	-	-	-	NOT USED
308	UNDERGROUND JUNCTION BOX (JB-3)	8	822-16-00300	QUAZITE	PG1324HA00, PG1324BA12	ARMORCAST	13"X24" POLYMER CONCRETE OR HIGH-DENSITY POLYETHYLENE UNDERGROUND JUNCTION BOX. BOX COVER SHALL INCLUDE "LIGHTING" LOGO. REFER TO PLAN SHEET #E-4, PARAGRAPH H, AND PLAN SHEETS #E-13 "DETAIL RL502 AND RL502d" FOR ADDITIONAL SPECIFICATIONS AND REQUIREMENTS.
309	UNDERGROUND JUNCTION BOX (JB)	2	822-16-00400	QUAZITE	PG1730HA00, PG1730BA30	ARMORCAST	17"X30" POLYMER CONCRETE OR HIGH-DENSITY POLYETHYLENE UNDERGROUND JUNCTION BOX. BOX COVER SHALL INCLUDE "LIGHTING" LOGO. REFER TO PLAN SHEET #E-4, PARAGRAPH H, AND PLAN SHEETS #E-13 "DETAIL RL502 AND RL502d" FOR ADDITIONAL SPECIFICATIONS AND REQUIREMENTS.
310	UNDERGROUND JUNCTION BOX (JB)	1	822-16-00400	QUAZITE	PG3030HA00, PG3030BA30	ARMORCAST	30"X30" POLYMER CONCRETE OR HIGH-DENSITY POLYETHYLENE UNDERGROUND JUNCTION BOX. BOX COVER SHALL INCLUDE "LIGHTING" LOGO. REFER TO PLAN SHEET #E-4, PARAGRAPH H, AND PLAN SHEETS #E-13 "DETAIL RL502 AND RL502d" FOR ADDITIONAL SPECIFICATIONS AND REQUIREMENTS.
311	LOW MAST LUMINAIRE,180W	36	822-07-02800	AEL AUTOBAHN	ATB2 80BLEDE70 MVOLT R2 20 SH	GE EVOLVE	180 WATT LED LAMP, 120 VOLT, IES MEDIUM, CUTOFF, TYPE II ROADWAY DISTRIBUTION, SINGLE FUSING, UL LISTED, GREY HOUSING COLOR.
312	-	-	-	-	-	-	NOT USED
313	-	-	-	-	-	-	NOT USED
314	LOW MAST LIGHT POLE, 35 FT.	36	822-05-02100	HAPCO	-	VALMONT	35 FOOT MOUNTING HEIGHT, ALUMINUM, SINGLE 8' TRUSS ARM, BREAKAWAY TRANSFORMER BASE, CONCRETE DRILL SHAFT, CONCRETE MOWING APRON. REFER TO PLAN SHEET #E-3 PARAGRAPH B AND DETAILS ON PLAN SHEET #E-11 FOR ADDITIONAL SPECIFICATIONS AND REQUIREMENTS.
315	-	-	-	-	-	-	NOT USED
316	-	-	-	-	-	-	NOT USED
317	-	-	-	-	-	-	NOT USED
318	-	-	-	-	-	-	NOT USED
319	-	-	-	-	-	-	NOT USED
320	-	-	-	-	-	-	NOT USED
321	-	-	-	-	-	-	NOT USED
322	POLE IDENTIFICATION MARKERS	AS REQUIRED	822-05-02100	SETON	M3854	3M	SELF-ADHESIVE VINYL CLOTH MARKERS, 2"X4" WITH A MINIMUM 3" CHARACTER HEIGHT. MARKERS SHALL HAVE BLACK LETTERS AND A REFLECTIVE YELLOW BACKGROUND. REFER TO PLAN SHEET #E-14 "DETAIL RL506 AND RL506a" FOR ADDITIONAL INFORMATION.
323	POLE MARKER OWNERSHIP PLATE	36	822-05-02100	HAPCO	-	VALMONT	1"X4"X22 GAUGE SHEET ALUMINUM PLATE, 3/16" MIN. STAMPED CHARACTER, ALUMINUM RIVETS. SHALL INCLUDE THE FOLLOWING INFORMATION: STATE PROJECT NUMBER, POLE OWNER, POLE MANUFACTURER, AND POLE NUMBER. REFER TO PLAN SHEET #E-14 "DETAIL RL506 AND RL506a" FOR ADDITIONAL INFO.

NOTES:

1) EQUIPMENT SHALL BE AS SPECIFIED OR APPROVED EQUAL. QUANTITIES ARE APPROXIMATE.

2) DESCRIPTION SHALL GOVERN OVER CATALOG NUMBERS.

3) THIS LIST IS NOT TO BE USED AS A SUMMARY OF ESTIMATED QUANTITIES BUT IS PROVIDED TO ASSIST THE CONTRACTOR FOR BIDDING. IT MAY NOT INCLUDE ALL ITEMS TO BE BID. THE CONTRACTOR SHALL REVIEW THE ENTIRE PLAN SET PRIOR TO BIDDING.

STATE OF LOUISIANA
W. CHELSAE KNIGHT
License No. 15363
PROFESSIONAL ENGINEER
ELECTRICAL ENGINEERING

SHEET NUMBER 156
PARISH EAST BATON ROUGE
CONTROL SECTION
STATE PROJECT H.012232
DESIGNED BJK
CHECKED WCK
DETAILED BJK
CHECKED WCK
SERIES NUMBER 2 OF 3
REVISION OR CHANGE ORDER DESCRIPTION
NO. DATE BY

STATE OF LOUISIANA DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT

EQUIPMENT DESCRIPTION LIST

LA 3064 TO LA 1248 PHASE II

POD

Stantec

CONDUIT, CONDUCTOR, GROUND, AND LABEL EQUIPMENT DESCRIPTION LIST (400 NUMBER ITEMS)

ITEM NO	ITEM NAME	QUANTITY	PAY ITEM REFERENCE	MANUFACTURER	CATALOG NO.	ALT. MANUFACTURER	DESCRIPTION
400	UNDERGROUND DUCT MARKERS	26	822-21-00100	-	-	-	2'X2'X6" THICK DUCT MARKER. THE WORD "DUCT", NO. OF DUCTS, AND SIZE OF DUCT IMPRESSED ON SURFACE OF EACH MARKER. 4"X3" CHARACTERS, WITH 1/2" WIDE BY 1/4" DEEP STROKE. REFER TO PLAN SHEET #E-13 "DETAIL RL501" FOR ADDITIONAL SPECS AND REQS.
401	-	-	-	-	-	-	NOT USED
402	-	-	-	-	-	-	NOT USED
403	WARNING LABEL, ARC FLASH & SHOCK HAZARD	AS REQUIRED	822-08-00200, 822-20-00100	SETON	-	REBEL STAMP	5"X7" (MIN.), SELF-ADHESIVE, WATER AND CHEMICAL RESISTANT, FLEXIBLE VINYL., OUTDOOR RATED, PROTECTED FROM U.V. RADIATION, MOISTURE, OXIDATION, AND OTHER POLLUTANTS. BLACK FONT IN ORANGE BACKGROUND. REFER TO PLAN SHEET #E-15 "DETAIL RL805a", LABEL "L1".
404	-	-	-	-	-	-	NOT USED
405	DANGER 120/240 VOLTS LABEL	AS REQUIRED	822-08-00200, 822-20-00100	SETON	-	REBEL STAMP	5"X7" (MIN.), SELF-ADHESIVE, WATER AND CHEMICAL RESISTANT, FLEXIBLE VINYL., OUTDOOR RATED, PROTECTED FROM U.V. RADIATION, MOISTURE, OXIDATION, AND OTHER POLLUTANTS. BLACK FONT IN ORANGE BACKGROUND. REFER TO PLAN SHEET #E-15 "DETAIL RL805a", LABEL "L2".
406	NAME PLATE	AS REQUIRED	822-08-00200, 822-20-00100	GULF COAST POWER & CONTROL	-	REBEL STAMP	FABRICATED FROM 1/16" THICK (MIN.) PHENOL PLATE ENGRAVED STOCK, WITH SATIN BLACK OUTER LAYER AND WHITE INNER LAYER, 45° BEVELED EDGES, 1" SIZE (MIN.) BLOCK-STYLE LETTERS. FOUR (4) 1/8" (MIN.) DIAMETER PRE-DRILLED HOLES, ONE (1) LOCATED AT EACH CORNER.
407	RIGID GALVANIZED STEEL CONDUIT, FITTING, & SUPPORT	AS REQUIRED	822-02-02300 822-02-02400 822-02-02500 822-02-02600	WHEATLAND TUBE CO.	-	ALLIED	1 1/4", 1 1/2", 2", 2 1/2 HOT DIPPED GALVANIZED RIGID STEEL CONDUIT, FITTINGS, AND SUPPORTS. REFER TO PLAN SHEET #E-4, "RIGID STEEL CONDUIT AND FITTINGS", FOR ADDITIONAL SPECIFICATIONS AND REQUIREMENTS.
408	-	-	-	-	-	-	NOT USED
409	SCHEDULE 40 PVC CONDUIT, FITTING & SUPPORT	AS REQUIRED	822-02-00300 822-02-00400 822-02-00500 822-02-00600	CANTEX	-	CARLON	1 1/4", 1 1/2", 2" AND 2 1/2" SCHEDULE 40 PVC HEAVY WALL CONDUIT AND FITTINGS. FOR USE IN BELOW GROUND APPLICATIONS. RATED FOR USE WITH 90°C CONDUCTORS. REFER TO PLAN SHEET #E-4 "NON-METALLIC CONDUITS AND FITTINGS" FOR ADDITIONAL SPECIFICATIONS AND REQUIREMENTS.
410	SCHEDULE 80 PVC CONDUIT, FITTING & SUPPORT	AS REQUIRED	822-04-00200	CANTEX	-	CARLON	6" SCHEDULE 80 PVC EXTRA HEAVY WALL CONDUIT, AND FITTINGS. FOR USE IN BELOW GROUND APPLICATIONS, RATED FOR USE WITH 90°C CONDUCTORS. REFER TO PLAN SHEET #E-4 "NON-METALLIC CONDUITS AND FITTINGS" FOR ADDITIONAL SPECIFICATIONS AND REQUIREMENTS.
411	-	-	-	-	-	-	NOT USED
412	-	-	-	-	-	-	NOT USED
413	CONDUIT CLAMP	AS REQUIRED	822-02-02300 822-02-02400 822-02-02500 822-02-02600	O-Z/GEDNEY	14-G	THOMAS & BETTS	MALLEABLE IRON/HOT DIPPED GALVANIZED CONDUIT PIPE STRAPS, CLAMP BACKS, AND CONDUIT SPACERS FOR RIGID AND FLEXIBLE METALLIC CONDUIT. SHALL MEET CSA CERTIFICATION 9795, CSA C22.2 NO. 18, AND FEDERAL SPECIFICATION FF-S-760.
414	INSULATED CONDUCTORS	AS REQUIRED	822-02-00300 822-02-00400 822-02-00500 822-02-00600 822-02-02300 822-02-02400 822-02-02500 822-02-02600	AMERICAN INSULATED	-	SERVICE WIRE CO.	#1/0, #2, #4 AND #8, AWG CLASS B, TYPE XHHW-2, 90°C, 600V, CROSS-LINKED POLYETHYLENE INSULATED COPPER CONDUCTORS. REFER TO PLAN SHEET #E-4, PARAGRAPH E "WIRE AND CABLE", FOR ADDITIONAL SPECIFICATIONS AND REQUIREMENTS.
415	BARE CONDUCTORS	AS REQUIRED	822-02-00300 822-02-00400 822-02-00500 822-02-02300 822-02-02400 822-02-02500	SERVICE WIRE CO.	-	SOUTHWIRE	#2, #4 AND #8 AWG BARE SOLID OR STRANDED COPPER CONDUCTORS. (AS SHOWN ON PLANS)
416	COMPRESSION TYPE WIRE CONNECTOR	AS REQUIRED	822-02-00300 822-02-00400 822-02-00500 822-02-00600	BURNDY	YS-L	BLACKBURN	COPPER COMPRESSION BARREL TYPE WIRE CONNECTOR. UL LISTED, 90°C RATED, 600 VOLTS. CONNECTOR SHALL PROVIDE A CENTER WIRE STOP FOR PROPER CONDUCTOR INSERTION.
417	GEL TYPE SPLICE KIT	AS REQUIRED	822-02-00300 822-02-00400 822-02-00500 822-02-00600	TYCO	GTAP	RAYCHAM	GEL TAP SPLICE KIT DESIGNED FOR UNDERGROUND ENVIRONMENTS. SPLICE KIT SHALL INCLUDE FOUR PORT MECHANICAL CONNECTORS, A SNAP-LOCK, HINGED CLOSURE WITH FRANGIBLE FINGERS, AND HIGH DIELECTRIC SILICONE GEL.
418	GROUND ROD	38	822-05-02100 822-08-00200 822-20-00100	ERITECH	613400	GALVAN INDUSTRIES	3/4" DIAMETER BY 10' (MINIMUM) GROUND ROD CONSTRUCTED FROM NICKEL-SEALED HIGH QUALITY CARBON STEEL HAVING A CONSISTENT COVERING OF ELECTROLYTICALLY APPLIED COPPER (I.E. COPPER BONDED OR COPPER CLAD). UL LISTED.
419	GROUND BUSHING	AS REQUIRED	822-08-00200 822-20-00100	THOMAS & BETTS	3871-TB	O-Z/GEDNEY	CAST MALLEABLE IRON, THREADED, INSULATED GROUNDING BUSHING FOR LIQUIDTIGHT FLEXIBLE METALLIC CONDUIT. SHALL INCLUDE WIRE CLAMPING SCREW AND ALUMINUM/TIN PLATED LAY-IN LUG FOR INSTALLATION OF BONDING JUMPER. INSULATOR SHALL BE RATED FOR 150°C APPLICATION.
420	EXOTHERMIC WELD KIT	38	822-05-02100 822-08-00200 822-20-00100	ERICO	GN	THERMOWELD	EXOTHERMIC WELD KIT(S) TO FORM A LOW-RESISTANCE, MOLECULAR BOND BETWEEN GROUNDING ELECTRODE CONDUCTORS AND GROUNDING ELECTRODES.
421	-	-	-	-	-	-	NOT USED
422	SPLICE KIT	AS REQUIRED	822-02-00300 822-02-00400 822-02-00500 822-02-00600	BURNDY	UGSKIT	IDEAL INDUSTRIES	HEAT SHRINK SPLICE KIT FOR USE WITH COPPER CONDUCTORS. SPLICE SHALL BE CONSTRUCTED FROM HIGH STRENGTH, TIN PLATED ALUMINUM. HEAT SHRINK SLEEVES SHALL BE LINED WITH ADHESIVE MATERIAL TO PROVIDE A WATERTIGHT SPLICE. UL LISTED FOR DIRECT BURIAL. SEE DETAIL RL508.
423	TAPE SEALANT	AS REQUIRED	822-02-00300 822-02-00400 822-02-00500 822-02-00600	THOMAS & BETTS	HSTS25	STA-KON	1" WIDE BY 1/16" THICK (MIN.) TAPE SEALANT. SHALL BE ABLE TO RESIST ACIDS, BASES AND ALCOHOLS. SERVICE TEMPERATURE -40°F TO 180°F.
424	UNDERGROUND MARKER TAPE	5610	822-22-00300	EMPIRE LEVEL MFG.	31-107	IDEAL INDUSTRIES	6" WIDE MARKER TAPE, "CAUTION ELECTRIC LINE BELOW" RED/SILVER TAPE WITH BLACK INK. DETECTABLE 3 LAYER SANDWICH WITH A LAYER OF FOIL ENCASED BETWEEN TWO LAYERS OF PLASTIC. 5 MIL (0.005") THICKNESS WITH MIN. 35 GAUGE (0.00035") SOLID ALUMINUM FOIL CORE. PRINTING ENCASED TO AVOID INK RUB-OFF.

NOTES:

1) EQUIPMENT SHALL BE AS SPECIFIED OR APPROVED EQUAL. QUANTITIES ARE APPROXIMATE.
2) DESCRIPTION SHALL GOVERN OVER CATALOG NUMBERS.
3) THIS LIST IS NOT TO BE USED AS A SUMMARY OF ESTIMATED QUANTITIES BUT IS PROVIDED TO ASSIST THE CONTRACTOR FOR BIDDING. IT MAY NOT INCLUDE ALL ITEMS TO BE BID. THE CONTRACTOR SHALL REVIEW THE ENTIRE PLAN SET PRIOR TO BIDDING.

SHEET NUMBER 157

PARISH: EAST BATON ROUGE
STATE PROJECT: H.012232

DESIGNED BJK CHECKED WCK
DETAILED BJK CHECKED WCK
SERIES NUMBER 3 OF 3

NO. DATE REVISION OR CHANGE ORDER DESCRIPTION BY

EQUIPMENT DESCRIPTION LIST
LA 3064 TO LA 1248 PHASE II

Stantec

E-18

7/13/18 11:28

Boring B1-17

DRILL RIG AND EQUIPMENT
DRILL RIG MODEL: Hand Auger
DRILLING METHOD: 0'-8' DRY
HOLE DIAMETER: 4-inch
SPT HAMMER / ETR:

DEPTH (Feet)	ELEVATION	SOIL TYPE AND COLOR	WET DENSITY	MOISTURE CONTENT	LIQUID LIMIT	PLASTICITY INDEX	% PASSING #200	SPT or UU	FAILURE MODE/ SPT TERMINATION	SAMPLE TYPE NUMBER
0	24.0	8" TOPSOIL								
		Light gray, LEAN CLAY, (CL)		14	39	21	99.3			1
		-light gray and brown from 2' to 4'		17	42	28	99.7			2
				23	44	30	99.3			3
				19	43	28	99.3			4
		Bottom of hole at 8 feet Backfilled with soil cuttings upon completion.								
10	14.0									

BORING NO. B1-17		STATION:	WATER LEVEL: No free water encountered ATD
LATITUDE: 30.39866		OFFSET:	
LONGITUDE: -91.09263		DATE TAKEN: 5/21/2018	BACKFILL METHOD: Soil Cuttings
LRS ID:	FIELD BOOK:	STRUCTURE NO.:	DRILLER: D. Gannfors

Boring B2-17

DRILL RIG AND EQUIPMENT
DRILL RIG MODEL: Hand Auger
DRILLING METHOD: 0'-8' DRY
HOLE DIAMETER: 4-inch
SPT HAMMER / ETR:

DEPTH (Feet)	ELEVATION	SOIL TYPE AND COLOR	WET DENSITY	MOISTURE CONTENT	LIQUID LIMIT	PLASTICITY INDEX	% PASSING #200	SPT or UU	FAILURE MODE/ SPT TERMINATION	SAMPLE TYPE NUMBER
0	21.0	8" TOPSOIL								
		Light gray, LEAN CLAY, (CL) with trace roots to 2'		15	40	25	99.2			1
				17	39	26	99.0			2
				20	43	31	99.3			3
				21	44	30	99.3			4
		Bottom of hole at 8 feet Backfilled with soil cuttings upon completion.								
10	11.0									

BORING NO. B2-17		STATION:	WATER LEVEL: No free water encountered ATD
LATITUDE: 30.39762		OFFSET:	
LONGITUDE: -91.09173		DATE TAKEN: 5/21/2018	BACKFILL METHOD: Soil Cuttings
LRS ID:	FIELD BOOK:	STRUCTURE NO.:	DRILLER: D. Gannfors

Boring B3-17

DRILL RIG AND EQUIPMENT
DRILL RIG MODEL: Hand Auger
DRILLING METHOD: 0'-8' DRY
HOLE DIAMETER: 4-inch
SPT HAMMER / ETR:

DEPTH (Feet)	ELEVATION	SOIL TYPE AND COLOR	WET DENSITY	MOISTURE CONTENT	LIQUID LIMIT	PLASTICITY INDEX	% PASSING #200	SPT or UU	FAILURE MODE/ SPT TERMINATION	SAMPLE TYPE NUMBER
0	21.0	8" TOPSOIL								
		Brown, FAT CLAY, (CH)		28	55	34	97.7			1
		Dark gray, LEAN CLAY, (CL) with ferrous nodules at 2'		30	44	26	98.0			2
				23	42	27	98.7			3
				37	45	31	98.0			4
		Bottom of hole at 8 feet Backfilled with soil cuttings upon completion.								
10	11.0									

BORING NO. B3-17		STATION:	WATER LEVEL: No free water encountered ATD
LATITUDE: 30.39684		OFFSET:	
LONGITUDE: -91.09100		DATE TAKEN: 5/21/2018	BACKFILL METHOD: Soil Cuttings
LRS ID:	FIELD BOOK:	STRUCTURE NO.:	DRILLER: D. Gannfors

STANDARD ABBREVIATIONS & DEFINITIONS

TOPSOIL — CL

N.P. = Non-Plastic
ORG. = Organic

FAILURE MODE:
M.S. = Multiple Shear SL. = Slump
S/S = Slickensides YLD. = Yield
V.S. = Vertical Shear 60° S.= Shear Angle
BLG. = Bulge

SPT TERMINATION, AASHTO T 206
1 = 7.2.1 - 50 Blows Within A 6" Interval
2 = 7.2.2 - 100 Blows Total
3 = 7.2.3 - No Advancement for 10 Blows
4 = 7.2.4 - Sampler Driven the Entire 18"
5 = Non-standard
6 = Weight of Rods (WOR)
7 = Weight of Hammer (WOH)

SOIL PROPERTIES

= SOIL TYPE nomenclature is based on ASTM D 2487
WET DENSITY = Wet density of in-place soil, (pounds per cu. ft.) determined by AASHTO T 208.
MOISTURE CONTENT = Moisture Content of in-place soil, expressed as a percentage of the dry weight of the soil, (%), determined by DOTD TR 403, Method B.
LIQUID LIMIT & PLASTICITY INDEX = Atterberg limits and indices, DOTD TR 428
SPT = Standard Penetration Test, AASHTO T 206, number of blows per each 6 inch increment, unless amount of penetration is shown
UU = Unconsolidated Undrained triaxial test, AASHTO T 296, compressive strength (tons per sq. ft.), of one specimen confined at noted pressure (pounds per sq. in.)
C = Soil cohesion (tons per sq. ft.)
♦ = Soil angle of internal friction (degrees)
△ = Unconsolidated Undrained triaxial test, AASHTO T 296, three specimens, (c - ♦).
+ = Consolidated drained direct shear test, AASHTO T 236, (c - ♦).
* = Hydrometer test performed

SAMPLING SYMBOLS AND MISCELLANEOUS NOTATION:

C-3 = Location and Identification of thin-walled tube sample, AASHTO T 207
C-3 = Consolidation testing performed on a thin-walled tube sample
D-3 = Location and Identification of SPT sample, AASHTO T 206
A-3 = Location and Identification of sample recovered using an auger, ASTM D1452
D-3 = Disturbed sample, any strength testing performed on disturbed soil
G-3 = Grab Sample, disturbed sample recovered; material retained for classification
= No Recovery, no sample recovered for testing or classification
▽ = Water Table depth below ground surface at time of drilling
▼ = Water Table depth below ground surface after drilling as noted
ETR = Energy Transfer Ratio determined according to ASTM D4633

CORRELATION OF PENETRATION RESISTANCE AND SOIL PROPERTIES

SOIL BEHAVIOR		DESIGNATION	"N" (blows per ft.)
NON-COHESIVE	RELATIVE DENSITY	VERY LOOSE	LESS THAN 4
		LOOSE	4 - 10
		MEDIUM DENSE	10 - 30
		DENSE	30 - 50
		VERY DENSE	OVER 50
COHESIVE	CONSISTENCY	VERY SOFT	LESS THAN 2
		SOFT	2 - 4
		MEDIUM STIFF	4 - 8
		STIFF	8 - 15
		VERY STIFF	15 - 30
		HARD	OVER 30

State of Louisiana — Registered Professional Engineer (seal)
9/16/2021

THIS SIGNATURE AND SEAL IS AFFIXED TO THIS DRAWING AS CERTIFICATION THAT THE LABORATORY TESTING AND ANALYSIS WAS PERFORMED ACCORDING TO THE LISTED PROCEDURES. NO DESIGN COMPUTATIONS WERE PERFORMED OR REVIEWED BY ME.

NO.	DATE	LOG UPDATE DESCRIPTION	BY

SHEET NUMBER 170

PARISH	EAST BATON ROUGE
CONTROL SECTION	
STATE PROJECT	H.012233
DESIGNED	B. FERNANDEZ
CHECKED	J. RAUSER
DETAILED	
CHECKED	
DATE	7/13/2018
SHEET	___ OF ___

NO.	DATE	REVISION DESCRIPTION	BY

GEOTECHNICAL EXPLORATION LOGS

LA 3064 TO LA 1248 PHASE II

DOTD — TERRACON

GEOTECHNICAL EXPLORATION LOGS

LA 3064 TO LA 1248 PHASE II

SHEET NUMBER	171
PARISH	EAST BATON ROUGE
CONTROL SECTION	
STATE PROJECT	H.012233
DESIGNED	B. FERNANDEZ
CHECKED	J. RAUSER
DETAILED	
CHECKED	
DATE	7/13/2018
SHEET	___ OF ___

DRILL RIG AND EQUIPMENT (all borings): DRILL RIG MODEL: Hand Auger; DRILLING METHOD: 0'-8' DRY; HOLE DIAMETER: 4-inch; SPT HAMMER / ETR:

Boring B4-17

DEPTH (Feet)	ELEVATION	SOIL TYPE AND COLOR	WET DENSITY	MOISTURE CONTENT	LIQUID LIMIT	PLASTICITY INDEX	% PASSING #200	SPT or UU	FAILURE MODE/ SPT TERMINATION	SAMPLE TYPE NUMBER
0	21.0	7" TOPSOIL								
		Gray and brown, LEAN CLAY, (CL) with roots to 4'								
				25	47	31	97.9			1
				24	48	23	98.7			2
		-becoming dark gray at 4'								
				24	45	30	98.9			3
				24	44	28	99.0			4
		Bottom of hole at 8 feet. Backfilled with soil cuttings upon completion.								
10	11.0									

BORING NO. B4-17	STATION:	WATER LEVEL: No free water encountered ATD	
LATITUDE: 30.39584	OFFSET:		
LONGITUDE: -91.08985	DATE TAKEN: 5/21/2018	BACKFILL METHOD: Soil Cuttings	
LRS ID:	FIELD BOOK:	STRUCTURE NO.:	DRILLER: D. Gannfors

Boring B5-17

DEPTH (Feet)	ELEVATION	SOIL TYPE AND COLOR	WET DENSITY	MOISTURE CONTENT	LIQUID LIMIT	PLASTICITY INDEX	% PASSING #200	SPT or UU	FAILURE MODE/ SPT TERMINATION	SAMPLE TYPE NUMBER
0	22.0	4" CONCRETE								
		Gray, LEAN CLAY, (CL)								
				21	34	17	97.6			1
				20	30	11	98.0			2
				21	47	31	96.9			3
		Gray, FAT CLAY, (CH)								
				23	51	33	97.3			4
		Bottom of hole at 8 feet. Backfilled with sand and concrete patch upon completion.								
10	12.0									

BORING NO. B5-17	STATION:	WATER LEVEL: No free water encountered ATD	
LATITUDE: 30.39490	OFFSET:		
LONGITUDE: -91.08895	DATE TAKEN: 5/22/2018	BACKFILL METHOD: Sand and Concrete Patch	
LRS ID:	FIELD BOOK:	STRUCTURE NO.:	DRILLER: D. Gannfors

Boring B6-17

DEPTH (Feet)	ELEVATION	SOIL TYPE AND COLOR	WET DENSITY	MOISTURE CONTENT	LIQUID LIMIT	PLASTICITY INDEX	% PASSING #200	SPT or UU	FAILURE MODE/ SPT TERMINATION	SAMPLE TYPE NUMBER
0	23.0	5.5" CONCRETE								
		Brown and gray, LEAN CLAY, (CL)								
				23	38	18	97.2		4	1
				20	46	28	94.2			2
				20	49	33	96.5			3
				21	46	29	97.4			4
		Bottom of hole at 8 feet. Backfilled with sand and concrete patch upon completion.								
10	13.0									

BORING NO. B6-17	STATION:	WATER LEVEL: No free water encountered ATD	
LATITUDE: 30.39351	OFFSET:		
LONGITUDE: -91.08853	DATE TAKEN: 5/22/2018	BACKFILL METHOD: Sand and Concrete Patch	
LRS ID:	FIELD BOOK:	STRUCTURE NO.:	DRILLER: D. Gannfors

STANDARD ABBREVIATIONS & DEFINITIONS

TOPSOIL — CL

N.P. = Non-Plastic
ORG. = Organic

FAILURE MODE:
M.S. = Multiple Shear SL. = Slump
S/S = Slickensides YLD. = Yield
V.S. = Vertical Shear 60° S.= Shear Angle
BLG. = Bulge

SPT TERMINATION, AASHTO T 206
1 = 7.2.1 - 50 Blows Within A 6" Interval
2 = 7.2.2 - 100 Blows Total
3 = 7.2.3 - No Advancement for 10 Blows
4 = 7.2.4 - Sampler Driven the Entire 18"
5 = Non-standard
6 = Weight of Rods (WOR)
7 = Weight of Hammer (WOH)

SOIL PROPERTIES

= SOIL TYPE nomenclature is based on ASTM D 2487
WET DENSITY = Wet density of in-place soil, (pounds per cu. ft.) determined by AASHTO T 208.
MOISTURE CONTENT = Moisture Content of in-place soil, expressed as a percentage of the dry weight of the soil, (%), determined by DOTD TR 403, Method B.
LIQUID LIMIT & PLASTICITY INDEX = Atterberg limits and indices, DOTD TR 428
SPT = Standard Penetration Test, AASHTO T 206, number of blows per each 6 inch increment, unless amount of penetration is shown
UU = Unconsolidated Undrained triaxial test, AASHTO T 296, compressive strength (tons per sq. ft.), of one specimen confined at noted pressure (pounds per sq. in.)
C = Soil cohesion (tons per sq. ft.)
♦ = Soil angle of internal friction (degrees)
△ = Unconsolidated Undrained triaxial test, AASHTO T 296, three specimens, (c - ♦).
\+ = Consolidated drained direct shear test, AASHTO T 236, (c - ♦).
* = Hydrometer test performed

SAMPLING SYMBOLS AND MISCELLANEOUS NOTATION:

C-3 = Location and Identification of thin-walled tube sample, AASHTO T 207
C-3 = Consolidation testing performed on a thin-walled tube sample
D-3 = Location and Identification of SPT sample, AASHTO T 206
A-3 = Location and Identification of sample recovered using an auger, ASTM D1452
D-3 = Disturbed sample, any strength testing performed on disturbed soil
G-3 = Grab Sample, disturbed sample recovered; material retained for classification
= No Recovery, no sample recovered for testing or classification
∇ = Water Table depth below ground surface at time of drilling
▼ = Water Table depth below ground surface after drilling as noted
ETR = Energy Transfer Ratio determined according to ASTM D4633

CORRELATION OF PENETRATION RESISTANCE AND SOIL PROPERTIES

SOIL BEHAVIOR		DESIGNATION	"N" (blows per ft.)
NON-COHESIVE	RELATIVE DENSITY	VERY LOOSE	LESS THAN 4
		LOOSE	4 - 10
		MEDIUM DENSE	10 - 30
		DENSE	30 - 50
		VERY DENSE	OVER 50
COHESIVE	CONSISTENCY	VERY SOFT	LESS THAN 2
		SOFT	2 - 4
		MEDIUM STIFF	4 - 8
		STIFF	8 - 15
		VERY STIFF	15 - 30
		HARD	OVER 30

9/16/2021

THIS SIGNATURE AND SEAL IS AFFIXED TO THIS DRAWING AS CERTIFICATION THAT THE LABORATORY TESTING AND ANALYSIS WAS PERFORMED ACCORDING TO THE LISTED PROCEDURES. NO DESIGN COMPUTATIONS WERE PERFORMED OR REVIEWED BY ME.

NO.	DATE	LOG UPDATE DESCRIPTION	BY

NO.	DATE	REVISION DESCRIPTION	BY

DOTD — TERRACON

Boring M-1

DRILL RIG AND EQUIPMENT
- DRILL RIG MODEL: Track
- DRILLING METHOD: 0'-8' DRY
- HOLE DIAMETER: 4-inch
- SPT HAMMER / ETR:

DEPTH (Feet)	ELEVATION	GRAPHIC	SOIL TYPE AND COLOR	WET DENSITY	MOISTURE CONTENT	LIQUID LIMIT	PLASTICITY INDEX	% PASSING #200	SPT or UU	FAILURE MODE/ SPT TERMINATION	SAMPLE TYPE NUMBER
0	24.0	TOPSOIL	3" TOPSOIL								
		CL	Very stiff, brown and gray, LEAN CLAY, (CL)		16	41	22	94.5			
					16	37	18	95.8			
		CL	Stiff, brown and gray, LEAN CLAY, (CL)		20	39	19	97.7			
					20	38	18	97.1			
			Bottom of hole at 8 feet Backfilled with soil cuttings upon completion.								
10	14.0										

BORING NO. M-1	STATION:	WATER LEVEL: No free water encountered ATD
LATITUDE: 30.39941	OFFSET:	
LONGITUDE: -91.09396	DATE TAKEN: 7/27/2017	BACKFILL METHOD: Soil Cuttings
LRS ID: / FIELD BOOK:	STRUCTURE NO.:	DRILLER: G. Triplette

Boring R8

DRILL RIG AND EQUIPMENT
- DRILL RIG MODEL: ATV
- DRILLING METHOD: 0'-10' DRY
- HOLE DIAMETER: 4-inch
- SPT HAMMER / ETR:

DEPTH (Feet)	ELEVATION	GRAPHIC	SOIL TYPE AND COLOR	WET DENSITY	MOISTURE CONTENT	LIQUID LIMIT	PLASTICITY INDEX	% PASSING #200	SPT or UU	FAILURE MODE/ SPT TERMINATION	SAMPLE TYPE NUMBER
0	25.0		0.5" TOPSOIL								
		CH	Medium stiff to stiff, brown, FAT CLAY, (CH) with silt		417	57	35				
		CL	Medium stiff, brown, LEAN CLAY, (CL) with silt		28	42	21				
10	15.0		Bottom of hole at 10 feet Backfilled with soil cuttings upon completion.								

BORING NO. R8	STATION:	WATER LEVEL: No free water encountered ATD
LATITUDE: 30.39958	OFFSET:	
LONGITUDE: -91.09501	DATE TAKEN: 1/30/2015	BACKFILL METHOD: Soil Cuttings
LRS ID: / FIELD BOOK:	STRUCTURE NO.:	DRILLER: B. Chandler

Plot legend: PL — NM — LL; scale 10 20 30 40 50 60 70 80 90

STANDARD ABBREVIATIONS & DEFINITIONS

TOPSOIL CL

N.P. = Non-Plastic
ORG. = Organic

FAILURE MODE:
M.S. = Multiple Shear SL. = Slump
S/S = Slickensides YLD. = Yield
V.S. = Vertical Shear 60° S.= Shear Angle
BLG. = Bulge

SPT TERMINATION, AASHTO T 206
1 = 7.2.1 - 50 Blows Within A 6" Interval
2 = 7.2.2 - 100 Blows Total
3 = 7.2.3 - No Advancement for 10 Blows
4 = 7.2.4 - Sampler Driven the Entire 18"
5 = Non-standard
6 = Weight of Rods (WOR)
7 = Weight of Hammer (WOH)

SOIL PROPERTIES

- ⊘ = SOIL TYPE nomenclature is based on ASTM D 2487
- WET DENSITY = Wet density of in-place soil, (pounds per cu. ft.) determined by AASHTO T 208.
- MOISTURE CONTENT = Moisture Content of in-place soil, expressed as a percentage of the dry weight of the soil, (%), determined by DOTD TR 403, Method B.
- LIQUID LIMIT & PLASTICITY INDEX = Atterberg limits and indices, DOTD TR 428
- SPT = Standard Penetration Test, AASHTO T 206, number of blows per each 6 inch increment, unless amount of penetration is shown
- UU = Unconsolidated Undrained triaxial test, AASHTO T 296, compressive strength (tons per sq. ft.), of one specimen confined at noted pressure (pounds per sq. in.)
- C = Soil cohesion (tons per sq. ft.)
- ϕ = Soil angle of internal friction (degrees)
- △ = Unconsolidated Undrained triaxial test, AASHTO T 296, three specimens, (c - ϕ).
- + = Consolidated drained direct shear test, AASHTO T 236, (c - ϕ).
- * = Hydrometer test performed

SAMPLING SYMBOLS AND MISCELLANEOUS NOTATION:

- C-3 = Location and Identification of thin-walled tube sample, AASHTO T 207
- C-3 = Consolidation testing performed on a thin-walled tube sample
- D-3 = Location and Identification of SPT sample, AASHTO T 206
- A-3 = Location and Identification of sample recovered using an auger, ASTM D1452
- D-3 = Disturbed sample, any strength testing performed on disturbed soil
- G-3 = Grab Sample, disturbed sample recovered; material retained for classification
- = No Recovery, no sample recovered for testing or classification
- ∇ = Water Table depth below ground surface at time of drilling
- ▼ = Water Table depth below ground surface after drilling as noted
- ETR = Energy Transfer Ratio determined according to ASTM D4633

CORRELATION OF PENETRATION RESISTANCE AND SOIL PROPERTIES

SOIL BEHAVIOR		DESIGNATION	"N" (blows per ft.)
NON-COHESIVE	RELATIVE DENSITY	VERY LOOSE	LESS THAN 4
		LOOSE	4 - 10
		MEDIUM DENSE	10 - 30
		DENSE	30 - 50
		VERY DENSE	OVER 50
COHESIVE	CONSISTENCY	VERY SOFT	LESS THAN 2
		SOFT	2 - 4
		MEDIUM STIFF	4 - 8
		STIFF	8 - 15
		VERY STIFF	15 - 30
		HARD	OVER 30

9/16/2021

THIS SIGNATURE AND SEAL IS AFFIXED TO THIS DRAWING AS CERTIFICATION THAT THE LABORATORY TESTING AND ANALYSIS WAS PERFORMED ACCORDING TO THE LISTED PROCEDURES. NO DESIGN COMPUTATIONS WERE PERFORMED OR REVIEWED BY ME.

NO.	DATE	LOG UPDATE DESCRIPTION	BY

NO.	DATE	REVISION DESCRIPTION	BY

SHEET NUMBER 172

PARISH: EAST BATON ROUGE
CONTROL SECTION:
STATE PROJECT: H.012233

DESIGNED B. FERNANDEZ
CHECKED J. RAUSER
DETAILED
CHECKED
DATE 7/13/2018
SHEET ___ OF ___

GEOTECHNICAL EXPLORATION LOGS

LA 3064 TO LA 1248 PHASE II

DOTD

TERRACON

BORING NO. B-01

DRILL RIG AND EQUIPMENT
DRILL RIG MODEL: ATV
DRILLING METHOD: 0'-10' DRY / 10'-60' WET
HOLE DIAMETER: 4-inch
SPT HAMMER / ETR: Rope and Cathead /60%

Depth (Feet)	Elevation	Soil Type and Color	Wet Density	Moisture Content	Liquid Limit	Plasticity Index	% Passing #200	SPT or UU	Failure Mode/ SPT Termination	Sample Type Number
0	23.0	3" TOPSOIL								
		Stiff, gray and brown, LEAN CLAY, (CL) with ferrous nodules	124	27	47	27		1.23@0.00	BLG.	C-1
										C-2
		Very stiff, gray, LEAN CLAY, (CL) with ferrous nodules	128	23				2.26@0.00	BLG.	C-3
										C-4
10	13.0	Medium stiff, gray and brown, LEAN CLAY, (CL) with ferrous nodules	125	26				0.91@0.00	BLG.	C-5
										C-6
										C-7
20	3.0	Very stiff, brown and gray, LEAN CLAY, (CL) with ferrous nodules	132	23	41	26		2.51@0.00	BLG.	C-8
										C-9
30	-7.0	Medium stiff to stiff, gray, green, and brown, FAT CLAY, (CH) with ferrous nodules -failure at low strain at 28 feet	120	33				0.98@0.00	BLG.	C-10
										C-11
40	-17.0	Stiff to very stiff, brown and gray, FAT CLAY, (CH) with ferrous nodules and sand -failure at low strain at 38 feet	132	23	57	37		1.54@0.00	BLG.	C-12
		Stiff, gray and brown, LEAN CLAY, (CL) with ferrous nodules and calcareous nodules		27						C-13
50	-27.0									C-14
		Stiff to very stiff, gray and red, FAT CLAY, (CH) with ferrous nodules -failure at low strain at 53 feet	122	31				1.08@0.00	BLG.	C-15
60	-37.0									C-16
		Bottom of hole at 60 feet Backfilled with cement-bentonite upon completion.								
70	-47.0									
80	-57.0									

BORING NO. B-01	STATION:	WATER LEVEL: No free water observed ATD
LATITUDE: 30.39475	OFFSET:	
LONGITUDE: -91.08945	DATE TAKEN: 4/6/2021	BACKFILL METHOD: Cement-Bentonite
LRS ID: / FIELD BOOK:	STRUCTURE NO.:	DRILLER: A. Driggers

BORING NO. B-02

DRILL RIG AND EQUIPMENT
DRILL RIG MODEL: ATV
DRILLING METHOD: 0'-10' DRY / 10'-60' WET
HOLE DIAMETER: 4-inch
SPT HAMMER / ETR: Rope and Cathead /60%

Depth (Feet)	Elevation	Soil Type and Color	Wet Density	Moisture Content	Liquid Limit	Plasticity Index	% Passing #200	SPT or UU	Failure Mode/ SPT Termination	Sample Type Number
0	23.0	3" CONCRETE								
		3" BASE		30	41	21				C-1
		Stiff, gray and green, LEAN CLAY, (CL) with shell fragments and gravel	123	25				1.76@0.00	BLG.	C-2
		Stiff, brown and gray, LEAN CLAY, (CL) with calcareous nodules and ferrous nodules								C-3
		Very stiff, gray and brown, LEAN CLAY, (CL) with ferrous nodules	124	24	48	31		2.09@0.00	BLG.	C-4
10	13.0									C-5
		Stiff, gray and brown, LEAN CLAY, (CL) with ferrous nodules	124	26				1.15@0.00	BLG.	C-6
										C-7
20	3.0									C-8
		Stiff to very stiff, gray, LEAN CLAY, (CL) with ferrous nodules	132	19				1.68@0.00	BLG.	C-9
30	-7.0									C-10
		Stiff to very stiff, gray and brown, LEAN CLAY, (CL) with sand	124	24				1.32@0.00	BLG.	C-11
40	-17.0									C-12
										C-13
50	-27.0	Medium stiff to stiff, gray, FAT CLAY, (CH) -failure at low strain at 48 feet	119	36				0.90@0.00	BLG.	C-14
										C-15
60	-37.0	Stiff, gray and brown, LEAN CLAY, (CL) with sand	129	22						C-16
		Bottom of hole at 60 feet Backfilled with cement-bentonite upon completion.								
70	-47.0									
80	-57.0									

BORING NO. B-02	STATION:	WATER LEVEL: No free water observed ATD
LATITUDE: 30.39519	OFFSET:	
LONGITUDE: -91.08901	DATE TAKEN: 4/6/2021	BACKFILL METHOD: Cement-Bentonite
LRS ID: / FIELD BOOK:	STRUCTURE NO.:	DRILLER: A. Driggers

BORING NO. B-03

DRILL RIG AND EQUIPMENT
DRILL RIG MODEL: ATV
DRILLING METHOD: 0'-20' DRY / 20'-30' WET
HOLE DIAMETER: 4-inch
SPT HAMMER / ETR: Rope and Cathead /60%

Depth (Feet)	Elevation	Soil Type and Color	Wet Density	Moisture Content	Liquid Limit	Plasticity Index	% Passing #200	SPT or UU	Failure Mode/ SPT Termination	Sample Type Number
0	34.0	4" TOPSOIL								
		Medium stiff, brown and gray, LEAN CLAY, (CL) with ferrous nodules	115	24	30	8		0.72@0.00	BLG.	C-1
										C-2
		Medium stiff, gray and brown, LEAN CLAY, (CL) with ferrous nodules	123	23	38	16		0.86@0.00	BLG.	C-3
										C-4
10	24.0	Hard, brown, gray, and red, FAT CLAY, (CH) with ferrous nodules	126	18	66	51		5.01@0.00	BLG.	C-5
										C-6
										C-7
20	14.0	Stiff, gray and brown, FAT CLAY, (CH) with ferrous nodules	119	33	66	44		1.28@0.00	BLG.	C-8
										C-9
30	4.0	Medium stiff to stiff, brown and gray, SANDY LEAN CLAY, (CL) with ferrous nodules -failure at low strain at 28 feet	128	26			57.0	0.64@0.00	BLG.	C-10
		Bottom of hole at 30 feet Backfilled with cement-bentonite upon completion.								
40	-6.0									
50	-16.0									
60	-26.0									
70	-36.0									
80	-46.0									

BORING NO. B-03	STATION:	WATER LEVEL: No free water observed ATD
LATITUDE: 30.39250	OFFSET:	
LONGITUDE: -91.09072	DATE TAKEN: 4/2/2021	BACKFILL METHOD: Cement-Bentonite
LRS ID: / FIELD BOOK:	STRUCTURE NO.:	DRILLER: A. Driggers

STANDARD ABBREVIATIONS & DEFINITIONS

TOPSOIL — CL — CH

N.P. = Non-Plastic
ORG. = Organic

FAILURE MODE:
M.S. = Multiple Shear SL. = Slump
S/S = Slickensides YLD. = Yield
V.S. = Vertical Shear 60° S.= Shear Angle
BLG. = Bulge

SPT TERMINATION, AASHTO T 206
1 = 7.2.1 - 50 Blows Within A 6" Interval
2 = 7.2.2 - 100 Blows Total
3 = 7.2.3 - No Advancement for 10 Blows
4 = 7.2.4 - Sampler Driven the Entire 18"
5 = Non-standard
6 = Weight of Rods (WOR)
7 = Weight of Hammer (WOH)

SOIL PROPERTIES

⊘	= SOIL TYPE nomenclature is based on ASTM D 2487
WET DENSITY	= Wet density of in-place soil, (pounds per cu. ft.) determined by AASHTO T 208.
MOISTURE CONTENT	= Moisture Content of in-place soil, expressed as a percentage of the dry weight of the soil, (%), determined by DOTD TR 403, Method B.
LIQUID LIMIT & PLASTICITY INDEX	= Atterberg limits and indices, DOTD TR 428
SPT	= Standard Penetration Test, AASHTO T 206, number of blows per each 6 inch increment, unless amount of penetration is shown
UU	= Unconsolidated Undrained triaxial test, AASHTO T 296, compressive strength (tons per sq. ft.), of one specimen confined at noted pressure (pounds per sq. in.)
C	= Soil cohesion (tons per sq. ft.)
♦	= Soil angle of internal friction (degrees)
△	= Unconsolidated Undrained triaxial test, AASHTO T 296, three specimens, (c - ♦).
+	= Consolidated drained direct shear test, AASHTO T 236, (c - ♦).
*	= Hydrometer test performed

SAMPLING SYMBOLS AND MISCELLANEOUS NOTATION:

C-3	= Location and Identification of thin-walled tube sample, AASHTO T 207
C-3	= Consolidation testing performed on a thin-walled tube sample
D-3	= Location and Identification of SPT sample, AASHTO T 206
A-3	= Location and Identification of sample recovered using an auger, ASTM D1452
D-3	= Disturbed sample, any strength testing performed on disturbed soil
G-3	= Grab Sample, disturbed sample recovered; material retained for classification
	= No Recovery, no sample recovered for testing or classification
∇	= Water Table depth below ground surface at time of drilling
▼	= Water Table depth below ground surface after drilling as noted
ETR	= Energy Transfer Ratio determined according to ASTM D4633

CORRELATION OF PENETRATION RESISTANCE AND SOIL PROPERTIES

SOIL BEHAVIOR		DESIGNATION	"N" (blows per ft.)
NON-COHESIVE	RELATIVE DENSITY	VERY LOOSE	LESS THAN 4
		LOOSE	4 - 10
		MEDIUM DENSE	10 - 30
		DENSE	30 - 50
		VERY DENSE	OVER 50
COHESIVE	CONSISTENCY	VERY SOFT	LESS THAN 2
		SOFT	2 - 4
		MEDIUM STIFF	4 - 8
		STIFF	8 - 15
		VERY STIFF	15 - 30
		HARD	OVER 30

9/16/2021

THIS SIGNATURE AND SEAL IS AFFIXED TO THIS DRAWING AS CERTIFICATION THAT THE LABORATORY TESTING AND ANALYSIS WAS PERFORMED ACCORDING TO THE LISTED PROCEDURES. NO DESIGN COMPUTATIONS WERE PERFORMED OR REVIEWED BY ME.

NO.	DATE	LOG UPDATE DESCRIPTION	BY

SHEET NUMBER	173
PARISH	EAST BATON ROUGE
CONTROL SECTION	
STATE PROJECT	H.012233
DESIGNED	B. FERNANDEZ
CHECKED	J. RAUSER
DETAILED	
CHECKED	
DATE	9/15/2021
SHEET	___ OF ___

NO.	DATE	REVISION DESCRIPTION	BY

GEOTECHNICAL EXPLORATION LOGS

LA 3064 TO LA 1248 PHASE II

DOTD — TERRACON

GEOTECHNICAL EXPLORATION LOGS

LA 3064 TO LA 1248 PHASE II

Boring B-04

DRILL RIG AND EQUIPMENT
DRILL RIG MODEL: ATV
DRILLING METHOD: 0'-20' DRY
HOLE DIAMETER: 4-inch
SPT HAMMER / ETR: Rope and Cathead /60%

DEPTH (Feet)	ELEVATION	SOIL TYPE AND COLOR	WET DENSITY	MOISTURE CONTENT	LIQUID LIMIT	PLASTICITY INDEX	% PASSING #200	SPT or UU	FAILURE MODE/ SPT TERMINATION	SAMPLE TYPE NUMBER
0	34.0	Brown, LEAN CLAY, (CL) with ferrous nodules		16						D-1
		Medium stiff, brown and gray, FAT CLAY, (CH) with ferrous nodules	117	25				0.78@0.00	BLG.	C-2
		Stiff, brown and gray, FAT CLAY, (CH) with ferrous nodules	127	24	60	42		1.65@0.00	BLG.	C-3
										C-4
10	24.0	Medium stiff, brown and gray, LEAN CLAY, (CL) with sand and ferrous nodules	129	24	33	13		0.91@0.00	BLG.	C-5
										C-6
		Stiff, gray and brown, LEAN CLAY, (CL) with ferrous nodules	130	26				1.33@0.00	BLG.	C-7
20	14.0									C-8
		Bottom of hole at 20 feet. Backfilled with cement-bentonite upon completion.								

Depth scale: 30 / 4.0; 40 / -6.0; 50 / -16.0; 60 / -26.0; 70 / -36.0; 80 / -46.0

BORING NO. B-04		STATION:	WATER LEVEL: No free water observed ATD
LATITUDE: 30.39525		OFFSET:	
LONGITUDE: -91.09684		DATE TAKEN: 4/2/2021	BACKFILL METHOD: Cement-Bentonite
LRS ID:	FIELD BOOK:	STRUCTURE NO.:	DRILLER: A. Driggers

Boring B-05

DRILL RIG AND EQUIPMENT
DRILL RIG MODEL: ATV
DRILLING METHOD: 0'-20' DRY
HOLE DIAMETER: 4-inch
SPT HAMMER / ETR: Rope and Cathead /60%

DEPTH (Feet)	ELEVATION	SOIL TYPE AND COLOR	WET DENSITY	MOISTURE CONTENT	LIQUID LIMIT	PLASTICITY INDEX	% PASSING #200	SPT or UU	FAILURE MODE/ SPT TERMINATION	SAMPLE TYPE NUMBER
0	30.0	7" TOPSOIL								
		Stiff, brown, LEAN CLAY, (CL) with ferrous nodules	118	25	39	16		1.02@0.00	BLG.	C-1
										C-2
		Stiff, gray, green, and brown, LEAN CLAY, (CL) with ferrous nodules	140	26				1.82@0.00	BLG.	C-3
										C-4
10	20.0	Medium stiff to stiff, brown and gray, LEAN CLAY, (CL) with sand -failure at low strain at 8 feet	127	26				0.70@0.00	BLG.	C-5
										C-6
		Stiff to very stiff, gray and brown, LEAN CLAY, (CL) with ferrous nodules -failure at low strain at 14 feet	133	21	39	23		1.15@0.00	BLG.	C-7
20	10.0									C-8
		Bottom of hole at 20 feet. Backfilled with cement-bentonite upon completion.								

Depth scale: 30 / 0.0; 40 / -10.0; 50 / -20.0; 60 / -30.0; 70 / -40.0; 80 / -50.0

BORING NO. B-05		STATION:	WATER LEVEL: No free water observed ATD
LATITUDE: 30.39818		OFFSET:	
LONGITUDE: -91.09497		DATE TAKEN: 4/2/2021	BACKFILL METHOD: Cement-Bentonite
LRS ID:	FIELD BOOK:	STRUCTURE NO.:	DRILLER: A. Driggers

Boring B-06

DRILL RIG AND EQUIPMENT
DRILL RIG MODEL: ATV
DRILLING METHOD: 0'-20' DRY
HOLE DIAMETER: 4-inch
SPT HAMMER / ETR: Rope and Cathead /60%

DEPTH (Feet)	ELEVATION	SOIL TYPE AND COLOR	WET DENSITY	MOISTURE CONTENT	LIQUID LIMIT	PLASTICITY INDEX	% PASSING #200	SPT or UU	FAILURE MODE/ SPT TERMINATION	SAMPLE TYPE NUMBER
0	24.0	5" TOPSOIL								
		Medium stiff, gray and brown, FAT CLAY, (CH) with ferrous nodules		26						C-1
			121	26	57	37		0.94@0.00	BLG.	C-2
										C-3
		Medium stiff, gray and brown, LEAN CLAY, (CL) with ferrous nodules	125	25						C-4
10	14.0	Medium stiff, gray and brown, LEAN CLAY, (CL) with ferrous nodules and gravel	137	27	42	21		0.92@0.00	BLG.	C-5
										C-6
		Medium stiff, gray and brown, LEAN CLAY, (CL) with ferrous nodules and calcareous nodules	122	28				0.52@0.00	BLG.	C-7
20	4.0									C-8
		Bottom of hole at 20 feet. Backfilled with cement-bentonite upon completion.								

Depth scale: 30 / -6.0; 40 / -16.0; 50 / -26.0; 60 / -36.0; 70 / -46.0; 80 / -56.0

BORING NO. B-06		STATION:	WATER LEVEL: 16' ATD; 14' 0 hours after drilling
LATITUDE: 30.39923		OFFSET:	
LONGITUDE: -91.09395		DATE TAKEN: 4/2/2021	BACKFILL METHOD: Cement-Bentonite
LRS ID:	FIELD BOOK:	STRUCTURE NO.:	DRILLER: A. Driggers

STANDARD ABBREVIATIONS & DEFINITIONS

CL   CH

N.P. = Non-Plastic
ORG. = Organic

FAILURE MODE:
M.S. = Multiple Shear   SL. = Slump
S/S = Slickensides   YLD. = Yield
V.S. = Vertical Shear   60° S.= Shear Angle
BLG. = Bulge

SPT TERMINATION, AASHTO T 206
1 = 7.2.1 - 50 Blows Within A 6" Interval
2 = 7.2.2 - 100 Blows Total
3 = 7.2.3 - No Advancement for 10 Blows
4 = 7.2.4 - Sampler Driven the Entire 18"
5 = Non-standard
6 = Weight of Rods (WOR)
7 = Weight of Hammer (WOH)

SOIL PROPERTIES

⊘	= SOIL TYPE nomenclature is based on ASTM D 2487
WET DENSITY	= Wet density of in-place soil, (pounds per cu. ft.) determined by AASHTO T 208.
MOISTURE CONTENT	= Moisture Content of in-place soil, expressed as a percentage of the dry weight of the soil, (%), determined by DOTD TR 403, Method B.
LIQUID LIMIT & PLASTICITY INDEX	= Atterberg limits and indices, DOTD TR 428
SPT	= Standard Penetration Test, AASHTO T 206, number of blows per each 6 inch increment, unless amount of penetration is shown
UU	= Unconsolidated Undrained triaxial test, AASHTO T 296, compressive strength (tons per sq. ft.), of one specimen confined at noted pressure (pounds per sq. in.)
C	= Soil cohesion (tons per sq. ft.)
ϕ	= Soil angle of internal friction (degrees)
△	= Unconsolidated Undrained triaxial test, AASHTO T 296, three specimens, (c - ϕ).
+	= Consolidated drained direct shear test, AASHTO T 236, (c - ϕ).
*	= Hydrometer test performed

SAMPLING SYMBOLS AND MISCELLANEOUS NOTATION:

C-3	= Location and Identification of thin-walled tube sample, AASHTO T 207
C-3 (boxed)	= Consolidation testing performed on a thin-walled tube sample
D-3	= Location and Identification of SPT sample, AASHTO T 206
A-3	= Location and Identification of sample recovered using an auger, ASTM D1452
D-3	= Disturbed sample, any strength testing performed on disturbed soil
G-3	= Grab Sample, disturbed sample recovered; material retained for classification
	= No Recovery, no sample recovered for testing or classification
▽	= Water Table depth below ground surface at time of drilling
▼	= Water Table depth below ground surface after drilling as noted
ETR	= Energy Transfer Ratio determined according to ASTM D4633

CORRELATION OF PENETRATION RESISTANCE AND SOIL PROPERTIES

SOIL BEHAVIOR	DESIGNATION		"N" (blows per ft.)
NON-COHESIVE	RELATIVE DENSITY	VERY LOOSE	LESS THAN 4
		LOOSE	4 - 10
		MEDIUM DENSE	10 - 30
		DENSE	30 - 50
		VERY DENSE	OVER 50
COHESIVE	CONSISTENCY	VERY SOFT	LESS THAN 2
		SOFT	2 - 4
		MEDIUM STIFF	4 - 8
		STIFF	8 - 15
		VERY STIFF	15 - 30
		HARD	OVER 30

9/16/2021

THIS SIGNATURE AND SEAL IS AFFIXED TO THIS DRAWING AS CERTIFICATION THAT THE LABORATORY TESTING AND ANALYSIS WAS PERFORMED ACCORDING TO THE LISTED PROCEDURES. NO DESIGN COMPUTATIONS WERE PERFORMED OR REVIEWED BY ME.

NO.	DATE	LOG UPDATE DESCRIPTION	BY

SHEET NUMBER	174
PARISH	EAST BATON ROUGE
CONTROL SECTION / STATE PROJECT	H.012233
DESIGNED	B. FERNANDEZ
CHECKED	J. RAUSER
DETAILED	
CHECKED	
DATE	9/15/2021
SHEET	___ OF ___

NO.	DATE	REVISION DESCRIPTION	BY

STATE OF LOUISIANA

DOTD

TERRACON

GEOTECHNICAL EXPLORATION LOGS

DRILL RIG AND EQUIPMENT (all borings)
- DRILL RIG MODEL: ATV
- DRILLING METHOD: 0'-20' DRY
- HOLE DIAMETER: 4-inch
- SPT HAMMER / ETR: Rope and Cathead /60%

Boring B-07

DEPTH (Feet)	ELEVATION	SOIL TYPE AND COLOR	WET DENSITY	MOISTURE CONTENT	LIQUID LIMIT	PLASTICITY INDEX	% PASSING #200	SPT or UU	FAILURE MODE/ SPT TERMINATION	SAMPLE TYPE NUMBER
0	24.0	7" TOPSOIL								
		Medium stiff, brown and gray, FAT CLAY, (CH) with ferrous nodules		26						C-1
		Stiff, gray and brown, FAT CLAY, (CH) with ferrous nodules	123	23	53	38		1.87@0.00	BLG.	C-2
										C-3
		Medium stiff, gray and brown, FAT CLAY, (CH) with ferrous nodules	124	28				0.84@0.00	BLG.	C-4
10	14.0									C-5
		Stiff, gray, LEAN CLAY, (CL) with ferrous nodules and calcareous nodules	130	26	42	23		1.44@0.00	BLG.	C-6
										C-7
20	4.0	Stiff, gray, FAT CLAY, (CH) with ferrous nodules	123	30				1.07@0.00	BLG.	C-8
		Bottom of hole at 20 feet Backfilled with cement-bentonite upon completion.								
30	-6.0									
40	-16.0									
50	-26.0									
60	-36.0									
70	-46.0									
80	-56.0									

BORING NO. B-07		STATION:	WATER LEVEL: No free water observed ATD
LATITUDE: 30.39858		OFFSET:	
LONGITUDE: -91.09296		DATE TAKEN: 4/1/2021	BACKFILL METHOD: Cement-Bentonite
LRS ID:	FIELD BOOK:	STRUCTURE NO.:	DRILLER: A. Driggers

Boring B-08

DEPTH (Feet)	ELEVATION	SOIL TYPE AND COLOR	WET DENSITY	MOISTURE CONTENT	LIQUID LIMIT	PLASTICITY INDEX	% PASSING #200	SPT or UU	FAILURE MODE/ SPT TERMINATION	SAMPLE TYPE NUMBER
0	24.0	6" TOPSOIL								
		Medium stiff, brown and gray, LEAN CLAY, (CL) with ferrous nodules	121	26	42	21		0.70@0.00	BLG.	C-1
										C-2
		Medium stiff, gray and brown, LEAN CLAY, (CL) with ferrous nodules	113	25	49	31		0.83@0.00	BLG.	C-3
										C-4
10	14.0									C-5
		Stiff, gray and brown, LEAN CLAY, (CL) with ferrous nodules and calcareous nodules	127	25				1.34@0.00	BLG.	C-6
										C-7
20	4.0									C-8
		Bottom of hole at 20 feet Backfilled with cement-bentonite upon completion.								
30	-6.0									
40	-16.0									
50	-26.0									
60	-36.0									
70	-46.0									
80	-56.0									

BORING NO. B-08		STATION:	WATER LEVEL: No free water observed ATD
LATITUDE: 30.39793		OFFSET:	
LONGITUDE: -91.09225		DATE TAKEN: 4/1/2021	BACKFILL METHOD: Cement-Bentonite
LRS ID:	FIELD BOOK:	STRUCTURE NO.:	DRILLER: A. Driggers

Boring B-09

DEPTH (Feet)	ELEVATION	SOIL TYPE AND COLOR	WET DENSITY	MOISTURE CONTENT	LIQUID LIMIT	PLASTICITY INDEX	% PASSING #200	SPT or UU	FAILURE MODE/ SPT TERMINATION	SAMPLE TYPE NUMBER
0	23.0	6" TOPSOIL								
		Stiff, brown and gray, LEAN CLAY, (CL) with ferrous nodules	122	24	49	29		1.28@0.00	BLG.	C-1
				26						C-2
		Medium stiff, gray and brown, LEAN CLAY, (CL) with ferrous nodules	124	26				0.97@0.00	BLG.	C-3
										C-4
10	13.0	Medium stiff, gray and brown, LEAN CLAY, (CL) with ferrous nodules	126	27	39	18		0.62@0.00	BLG.	C-5
										C-6
		Medium stiff, gray and brown, LEAN CLAY, (CL) with ferrous nodules	132	26				0.97@0.00	BLG.	C-7
20	3.0									C-8
		Bottom of hole at 20 feet Backfilled with cement-bentonite upon completion.								
30	-7.0									
40	-17.0									
50	-27.0									
60	-37.0									
70	-47.0									
80	-57.0									

BORING NO. B-09		STATION:	WATER LEVEL: 20' ATD
LATITUDE: 30.39711		OFFSET:	16.5' 0 hours after drilling
LONGITUDE: -91.09163		DATE TAKEN: 4/1/2021	BACKFILL METHOD: Cement-Bentonite
LRS ID:	FIELD BOOK:	STRUCTURE NO.:	DRILLER: A. Driggers

STANDARD ABBREVIATIONS & DEFINITIONS

TOPSOIL — CH — CL

N.P. = Non-Plastic
ORG. = Organic

FAILURE MODE:
M.S. = Multiple Shear SL. = Slump
S/S = Slickensides YLD. = Yield
V.S. = Vertical Shear 60° S.= Shear Angle
BLG. = Bulge

SPT TERMINATION, AASHTO T 206
1 = 7.2.1 - 50 Blows Within A 6" Interval
2 = 7.2.2 - 100 Blows Total
3 = 7.2.3 - No Advancement for 10 Blows
4 = 7.2.4 - Sampler Driven the Entire 18"
5 = Non-standard
6 = Weight of Rods (WOR)
7 = Weight of Hammer (WOH)

SOIL PROPERTIES

= SOIL TYPE nomenclature is based on ASTM D 2487
WET DENSITY = Wet density of in-place soil, (pounds per cu. ft.) determined by AASHTO T 208.
MOISTURE CONTENT = Moisture Content of in-place soil, expressed as a percentage of the dry weight of the soil, (%), determined by DOTD TR 403, Method B.
LIQUID LIMIT & PLASTICITY INDEX = Atterberg limits and indices, DOTD TR 428
SPT = Standard Penetration Test, AASHTO T 206, number of blows per each 6 inch increment, unless amount of penetration is shown
UU = Unconsolidated Undrained triaxial test, AASHTO T 296, compressive strength (tons per sq. ft.), of one specimen confined at noted pressure (pounds per sq. in.)
C = Soil cohesion (tons per sq. ft.)
ϕ = Soil angle of internal friction (degrees)
△ = Unconsolidated Undrained triaxial test, AASHTO T 296, three specimens, (c - ϕ).
\+ = Consolidated drained direct shear test, AASHTO T 236, (c - ϕ).
* = Hydrometer test performed

SAMPLING SYMBOLS AND MISCELLANEOUS NOTATION:

C-3 = Location and Identification of thin-walled tube sample, AASHTO T 207
C-3 = Consolidation testing performed on a thin-walled tube sample
D-3 = Location and Identification of SPT sample, AASHTO T 206
A-3 = Location and Identification of sample recovered using an auger, ASTM D1452
D-3 = Disturbed sample, any strength testing performed on disturbed soil
G-3 = Grab Sample, disturbed sample recovered; material retained for classification
= No Recovery, no sample recovered for testing or classification
▽ = Water Table depth below ground surface at time of drilling
▼ = Water Table depth below ground surface after drilling as noted
ETR = Energy Transfer Ratio determined according to ASTM D4633

CORRELATION OF PENETRATION RESISTANCE AND SOIL PROPERTIES

SOIL BEHAVIOR		DESIGNATION	"N" (blows per ft.)
NON-COHESIVE	RELATIVE DENSITY	VERY LOOSE	LESS THAN 4
		LOOSE	4 - 10
		MEDIUM DENSE	10 - 30
		DENSE	30 - 50
		VERY DENSE	OVER 50
COHESIVE	CONSISTENCY	VERY SOFT	LESS THAN 2
		SOFT	2 - 4
		MEDIUM STIFF	4 - 8
		STIFF	8 - 15
		VERY STIFF	15 - 30
		HARD	OVER 30

9/16/2021

THIS SIGNATURE AND SEAL IS AFFIXED TO THIS DRAWING AS CERTIFICATION THAT THE LABORATORY TESTING AND ANALYSIS WAS PERFORMED ACCORDING TO THE LISTED PROCEDURES. NO DESIGN COMPUTATIONS WERE PERFORMED OR REVIEWED BY ME.

NO.	DATE	LOG UPDATE DESCRIPTION	BY

SHEET NUMBER	175
PARISH	EAST BATON ROUGE
CONTROL SECTION	
STATE PROJECT	H.012233
DESIGNED	B. FERNANDEZ
CHECKED	J. RAUSER
DETAILED	
CHECKED	
DATE	9/15/2021
SHEET	__ OF __

NO.	DATE	REVISION DESCRIPTION	BY

GEOTECHNICAL EXPLORATION LOGS

LA 3064 TO LA 1248 PHASE II

TERRACON

9/15/21 23:49

Report Form: LADOTD 2016 - ENGLISH Project File: C:\USERS\REPOINDEXTER\ONEDRIVE - TERRACON CONSULTANTS INC\DESKTOP\DIJON 2021.GPJ

Boring B-10

DRILL RIG AND EQUIPMENT
- DRILL RIG MODEL: ATV
- DRILLING METHOD: 0'-20' DRY
- HOLE DIAMETER: 4-inch
- SPT HAMMER / ETR: Rope and Cathead /60%

DEPTH (Feet)	ELEVATION	SOIL TYPE AND COLOR	WET DENSITY	MOISTURE CONTENT	LIQUID LIMIT	PLASTICITY INDEX	% PASSING #200	SPT or UU	FAILURE MODE/ SPT TERMINATION	SAMPLE TYPE NUMBER
0	23.0	6" TOPSOIL								
		Medium stiff, brown and gray, LEAN CLAY, (CL) with ferrous nodules		28						C-1
			117	29	46	23		0.81@0.00	BLG.	C-2
		Stiff, brown and gray, LEAN CLAY, (CL) with ferrous nodules	120	24				1.29@0.00	BLG.	C-3
										C-4
10	13.0	Stiff, gray and brown, LEAN CLAY, (CL) with ferrous nodules	128	24				1.93@0.00	BLG.	C-5
										C-6
		Stiff, gray and brown, LEAN CLAY, (CL) with ferrous nodules	135	22						C-7
20	3.0									C-8
		Bottom of hole at 20 feet Backfilled with cement-bentonite upon completion.								
30	-7.0									
40	-17.0									
50	-27.0									
60	-37.0									
70	-47.0									
80	-57.0									

PL — NM — LL chart scale: 10 20 30 40 50 60 70 80 90

BORING NO. B-10	STATION:	WATER LEVEL: No free water observed ATD
LATITUDE: 30.39643	OFFSET:	
LONGITUDE: -91.09095	DATE TAKEN: 4/2/2021	BACKFILL METHOD: Cement-Bentonite
LRS ID: FIELD BOOK:	STRUCTURE NO.:	DRILLER: A. Driggers

Boring B-11

DRILL RIG AND EQUIPMENT
- DRILL RIG MODEL: ATV
- DRILLING METHOD: 0'-20' DRY
- HOLE DIAMETER: 4-inch
- SPT HAMMER / ETR: Rope and Cathead /60%

DEPTH (Feet)	ELEVATION	SOIL TYPE AND COLOR	WET DENSITY	MOISTURE CONTENT	LIQUID LIMIT	PLASTICITY INDEX	% PASSING #200	SPT or UU	FAILURE MODE/ SPT TERMINATION	SAMPLE TYPE NUMBER
0	22.0	4" TOPSOIL								
		Medium stiff, brown, FAT CLAY, (CH) with ferrous nodules	109	34	65	33		0.84@0.00	BLG.	C-1
		Stiff, gray and brown, LEAN CLAY, (CL) with ferrous nodules		23						C-2
										C-3
		Stiff, brown, gray, and green, LEAN CLAY, (CL) with ferrous nodules	124	23				1.41@0.00	BLG.	C-4
10	12.0									C-5
										C-6
		Stiff, gray and brown, LEAN CLAY, (CL) with ferrous nodules and calcareous nodules	132	23	43	25		1.08@0.00	BLG.	C-7
20	2.0									C-8
		Bottom of hole at 20 feet Backfilled with cement-bentonite upon completion.								
30	-8.0									
40	-18.0									
50	-28.0									
60	-38.0									
70	-48.0									
80	-58.0									

PL — NM — LL chart scale: 10 20 30 40 50 60 70 80 90

BORING NO. B-11	STATION:	WATER LEVEL: No free water observed ATD
LATITUDE: 30.39579	OFFSET:	
LONGITUDE: -91.09004	DATE TAKEN: 4/2/2021	BACKFILL METHOD: Cement-Bentonite
LRS ID: FIELD BOOK:	STRUCTURE NO.:	DRILLER: A. Driggers

STANDARD ABBREVIATIONS & DEFINITIONS

TOPSOIL CL

N.P. = Non-Plastic
ORG. = Organic

FAILURE MODE:
- M.S. = Multiple Shear SL. = Slump
- S/S = Slickensides YLD. = Yield
- V.S. = Vertical Shear 60° S.= Shear Angle
- BLG. = Bulge

SPT TERMINATION, AASHTO T 206
1. = 7.2.1 - 50 Blows Within A 6" Interval
2. = 7.2.2 - 100 Blows Total
3. = 7.2.3 - No Advancement for 10 Blows
4. = 7.2.4 - Sampler Driven the Entire 18"
5. = Non-standard
6. = Weight of Rods (WOR)
7. = Weight of Hammer (WOH)

SOIL PROPERTIES

- = SOIL TYPE nomenclature is based on ASTM D 2487
- WET DENSITY = Wet density of in-place soil, (pounds per cu. ft.) determined by AASHTO T 208.
- MOISTURE CONTENT = Moisture Content of in-place soil, expressed as a percentage of the dry weight of the soil, (%), determined by DOTD TR 403, Method B.
- LIQUID LIMIT & PLASTICITY INDEX = Atterberg limits and indices, DOTD TR 428
- SPT = Standard Penetration Test, AASHTO T 206, number of blows per each 6 inch increment, unless amount of penetration is shown
- UU = Unconsolidated Undrained triaxial test, AASHTO T 296, compressive strength (tons per sq. ft.), of one specimen confined at noted pressure (pounds per sq. in.)
- C = Soil cohesion (tons per sq. ft.)
- ϕ = Soil angle of internal friction (degrees)
- △ = Unconsolidated Undrained triaxial test, AASHTO T 296, three specimens, (c - ϕ).
- \+ = Consolidated drained direct shear test, AASHTO T 236, (c - ϕ).
- * = Hydrometer test performed

SAMPLING SYMBOLS AND MISCELLANEOUS NOTATION:

- C-3 = Location and Identification of thin-walled tube sample, AASHTO T 207
- C-3 = Consolidation testing performed on a thin-walled tube sample
- D-3 = Location and Identification of SPT sample, AASHTO T 206
- A-3 = Location and Identification of sample recovered using an auger, ASTM D1452
- D-3 = Disturbed sample, any strength testing performed on disturbed soil
- G-3 = Grab Sample, disturbed sample recovered; material retained for classification
- = No Recovery, no sample recovered for testing or classification
- ∇ = Water Table depth below ground surface at time of drilling
- ▼ = Water Table depth below ground surface after drilling as noted
- ETR = Energy Transfer Ratio determined according to ASTM D4633

CORRELATION OF PENETRATION RESISTANCE AND SOIL PROPERTIES

SOIL BEHAVIOR		DESIGNATION	"N" (blows per ft.)
NON-COHESIVE	RELATIVE DENSITY	VERY LOOSE	LESS THAN 4
		LOOSE	4 - 10
		MEDIUM DENSE	10 - 30
		DENSE	30 - 50
		VERY DENSE	OVER 50
COHESIVE	CONSISTENCY	VERY SOFT	LESS THAN 2
		SOFT	2 - 4
		MEDIUM STIFF	4 - 8
		STIFF	8 - 15
		VERY STIFF	15 - 30
		HARD	OVER 30

9/16/2021

THIS SIGNATURE AND SEAL IS AFFIXED TO THIS DRAWING AS CERTIFICATION THAT THE LABORATORY TESTING AND ANALYSIS WAS PERFORMED ACCORDING TO THE LISTED PROCEDURES. NO DESIGN COMPUTATIONS WERE PERFORMED OR REVIEWED BY ME.

NO.	DATE	LOG UPDATE DESCRIPTION	BY

SHEET NUMBER	176
PARISH	EAST BATON ROUGE
CONTROL SECTION	
STATE PROJECT	H.012233
DESIGNED	B. FERNANDEZ
CHECKED	J. RAUSER
DETAILED	
CHECKED	
DATE	9/15/2021
SHEET	__ OF __

NO.	DATE	REVISION DESCRIPTION	BY

GEOTECHNICAL EXPLORATION LOGS

LA 3064 TO LA 1248 PHASE II

DOTD

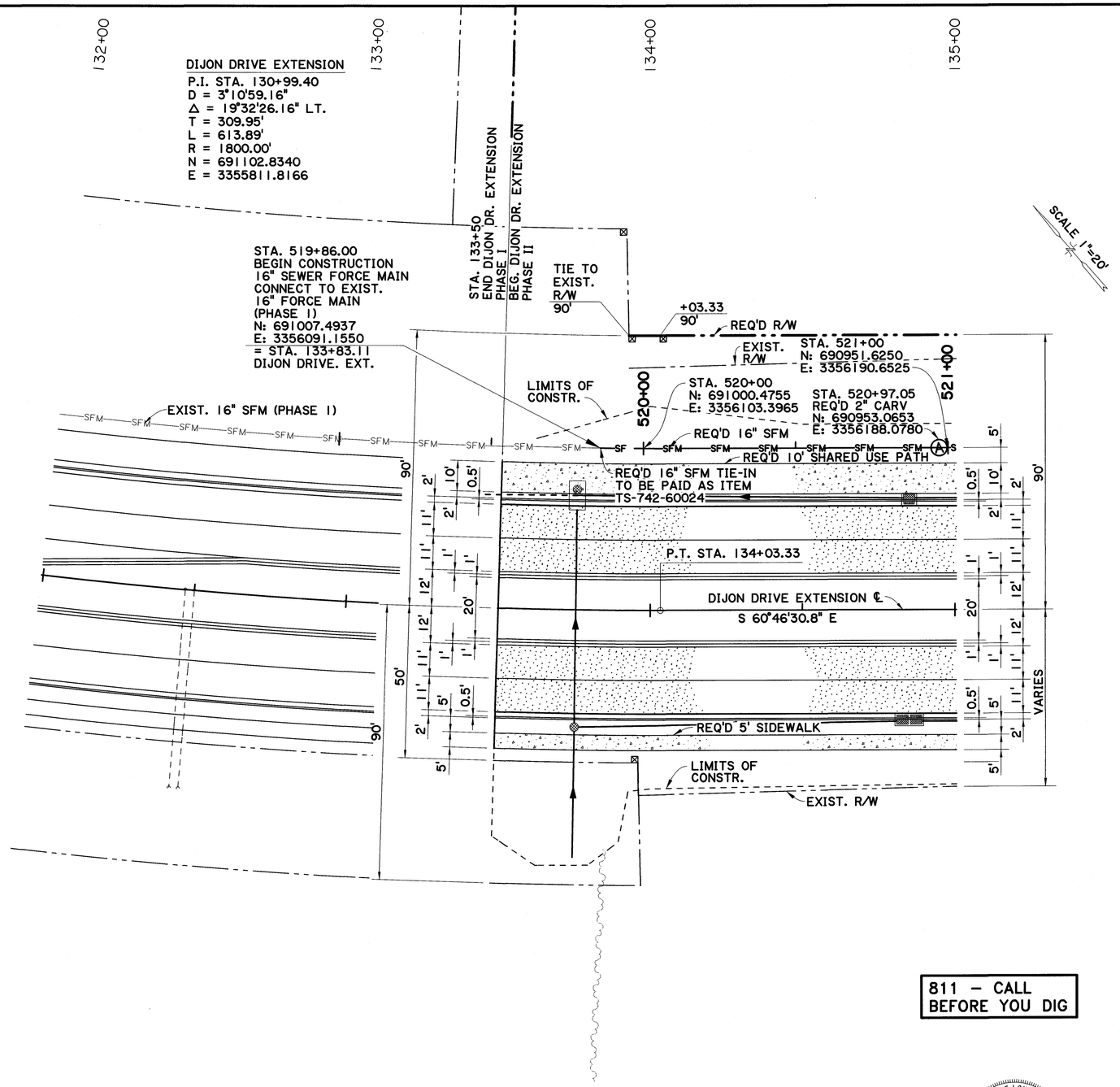
TERRACON

SEWER FORCE MAIN AND GRAVITY SEWER GENERAL NOTES:

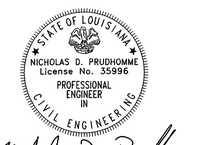
1. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR LOCATING AND PROTECTING ALL UTILITIES, THOSE THAT ARE DEPICTED ON THE PLANS AND ANY ADDITIONAL UTILITY LINES DISCOVERED DURING CONSTRUCTION. PRIOR TO THE COMMENCEMENT OF WORK, THE CONTRACTOR SHALL CONTACT LA ONE CALL BY DIALING 811 OR OTHER APPROPRIATE UTILITY COMPANIES FOR LOCATION OF THEIR UNDERGROUND SERVICES A MINIMUM OF 48 HOURS PRIOR TO BEGINNING CONSTRUCTION OF EACH AREA.
2. ANY DAMAGE TO EXISTING UTILITIES DURING THE COURSE OF CONSTRUCTION SHALL BE REPAIRED AND/OR REPLACED IMMEDIATELY ACCORDING TO INDIVIDUAL UTILITY OWNER'S WISHES AT NO ADDITIONAL COST TO THE PROJECT.
3. ACTUAL ELEVATIONS OF PIPE INVERTS, EXISTING STRUCTURES, AND OTHER SPECIFIED ITEMS SHALL BE VERIFIED BY THE CONTRACTOR IN THE FIELD AT NO ADDITIONAL COST TO THE OWNER. REQUIRED CARV MANHOLE SHALL BE A MINIMUM OF 6' DEEP AND TOP ELEVATIONS SHALL BE FIELD VERIFIED.
4. EXISTING UTILITIES, INCLUDING SEWER FORCE MAINS, ARE SHOWN IN APPROXIMATE LOCATIONS AND THE CONTRACTOR SHALL LOCATE THEM IN THE FIELD AT NO ADDITIONAL COST TO THE OWNER.
5. ALL WORK SHALL CONFORM TO THE MOST CURRENT STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION FOR EAST BATON ROUGE PARISH AND THE SPECIAL PROVISIONS FOR THIS PROJECT.
6. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING 18" VERTICAL CLEARANCE AND 10' HORIZONTAL CLEARANCE BETWEEN SANITARY SEWER AND WATER PIPELINES, UNLESS SPECIFICALLY NOTED OTHERWISE ON PLANS.
7. THE LOCATION OF REQUIRED FITTINGS ARE SHOWN ON THE FORCE MAIN PLANS. AT ALL OTHER HORIZONTAL AND VERTICAL P.I.'S THE PIPE SHALL BE DEFLECTED AT ONE OR MORE JOINTS TO ACHIEVE THE REQUIRED CHANGE IN DIRECTION AT A RATE NOT TO EXCEED 75% OF THE MANUFACTURER'S RECOMMENDED DEFLECTION.
8. PRIOR TO PIPE INSTALLATION AND BACKFILL, THE MAXIMUM LENGTH OF OPEN TRENCH SHALL NOT EXCEED 100 LINEAR FEET PER CREW.
9. REQUIRED SANITARY GRAVITY SEWER, FORCE MAIN, AND DRAINAGE STRUCTURES TO BE CONSTRUCTED AFTER THE EMBANKMENT HAS SETTLED. CONTRACTOR SHOULD NOTE THAT THE EXCAVATION DEPTH FOR REQUIRED SEWER CONSTRUCTION EXTENDS TO THE PROPOSED SURFACE LINE SHOWN IN THE PROFILE AND THAT EXVACATION DEPTHS MAY EXCEED 20 FEET. REFER TO SPECIAL PROVISION P17.801 FOR MORE INFORMATION.
10. AT THE COMPLETION OF THE PROJECT, THE CONTRACTOR SHALL PROVIDE TO THE OWNER, CITY-PARISH PUBLIC WORKS ENVIROMENTAL SERVICES (225) 389-4865, A COMPLETE SET OF RECORD DRAWINGS IDENTIFYING STATE PLANE COORDINATES (LOUISIANA, SOUTH ZONE) OF ALL NEW SEWER INFRASTRUCTURE AS LOCATED BY A LOUISIANA REGISTERED SURVEYOR.
11. 100 STATIONING IS ALONG THE DIJON DRIVE EXT. BASELINE. 300 STATIONING IS ALONG THE GRAVITY SEWER. 500 STATIONING IS ALONG THE SEWER FORCE MAIN.
12. REFER TO THE DIJON/MARGARET ANN ROAD PROJECT PHASE II GOTECH REPORT DATED JUNE 6, 2018 AND THE MEMORANDUM TO THIS REPORT DATED JUNE 18, 2018 FOR GEOTECH INFORMATION. ADDITIONAL GEOTECH WAS ANALYZED FOR THE GRAVITY SEWER IN THE CONSTANTIN/DIJON AVE. PHASE II AND PUMP STATION REPORT DATED MAY 12, 2021. THE LOCATIONS OF THE SOIL BORINGS CAN BE FOUND IN THESE REPORTS.
13. THE COMPACTED EMBANKMENT FOR THE SEWER SHOULD MEET A MINIMUM SHEAR STRENGTH OF 500 PSF.

PROPOSED LEGEND

—SFM—SFM—	REQ'D SEWER FORCE MAIN
— SS — SS —	SANITARY GRAVITY SEWER
Ⓐ	COMBINATION AIR RELEASE VALVE
SFM	SEWER FORCE MAIN
RJFM	RESTRAINED JOINT FORCE MAIN
CARV	COMBINATION AIR RELEASE VALVE
——- - ——	REQ'D R/W OR DRAINAGE SERVITUDE



811 – CALL BEFORE YOU DIG



Nicholas D. Prudhomme
9/23/2022

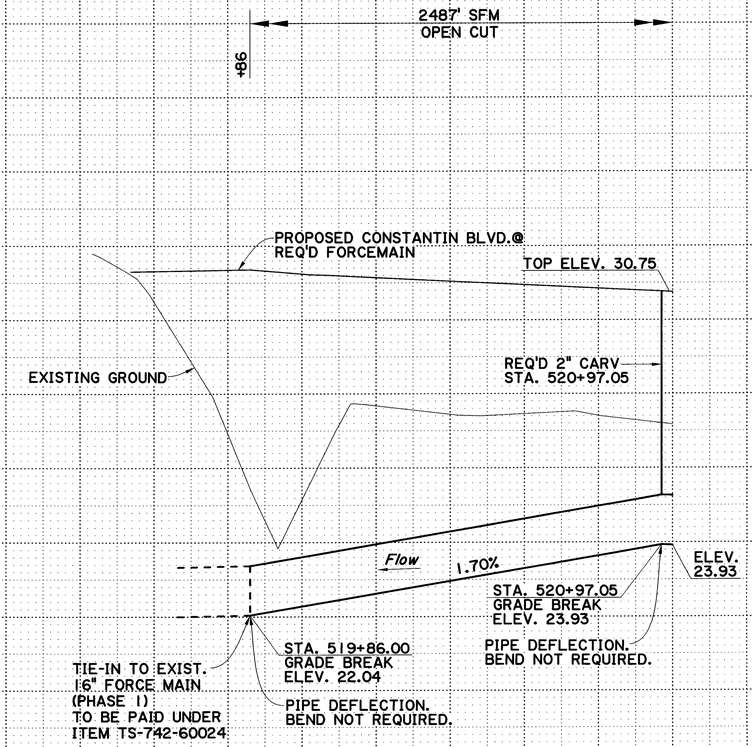
SHEET NUMBER	180
PARISH	EAST BATON ROUGE
CONTROL SECTION	000-17
STATE PROJECT	H.012232
DESIGNED	NDP
CHECKED	CMH
DETAILED	TW
CHECKED	NDP
SERIES NUMBER	1 OF 19

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

PLAN AND PROFILE SHEET
SANITARY SEWER FORCE MAIN
(DIJON DRIVE EXTENSION)
LA 3064 TO LA 1248 PHASE II

DOTD | Stantec

SEWER FORCE MAIN PROFILE



40 38 36 34 32 30 28 26 24 22 20 18 16 14 12 10 8 6 4 2

520+00 521+00

811 – CALL
BEFORE YOU DIG

STATE OF LOUISIANA
NICHOLAS D. PRUDHOMME
License No. 35996
PROFESSIONAL ENGINEER IN CIVIL ENGINEERING

Nicholas D. Prudhomme
9/23/2022

HOR: 1"=20'
VERT.: 1"=2'

SHEET NUMBER	181
PARISH	EAST BATON ROUGE
CONTROL SECTION	000-17
STATE PROJECT	H.012232
DESIGNED / CHECKED	NDP / CMH
DETAILED / CHECKED	TW / NDP
SERIES NUMBER	2 OF 19

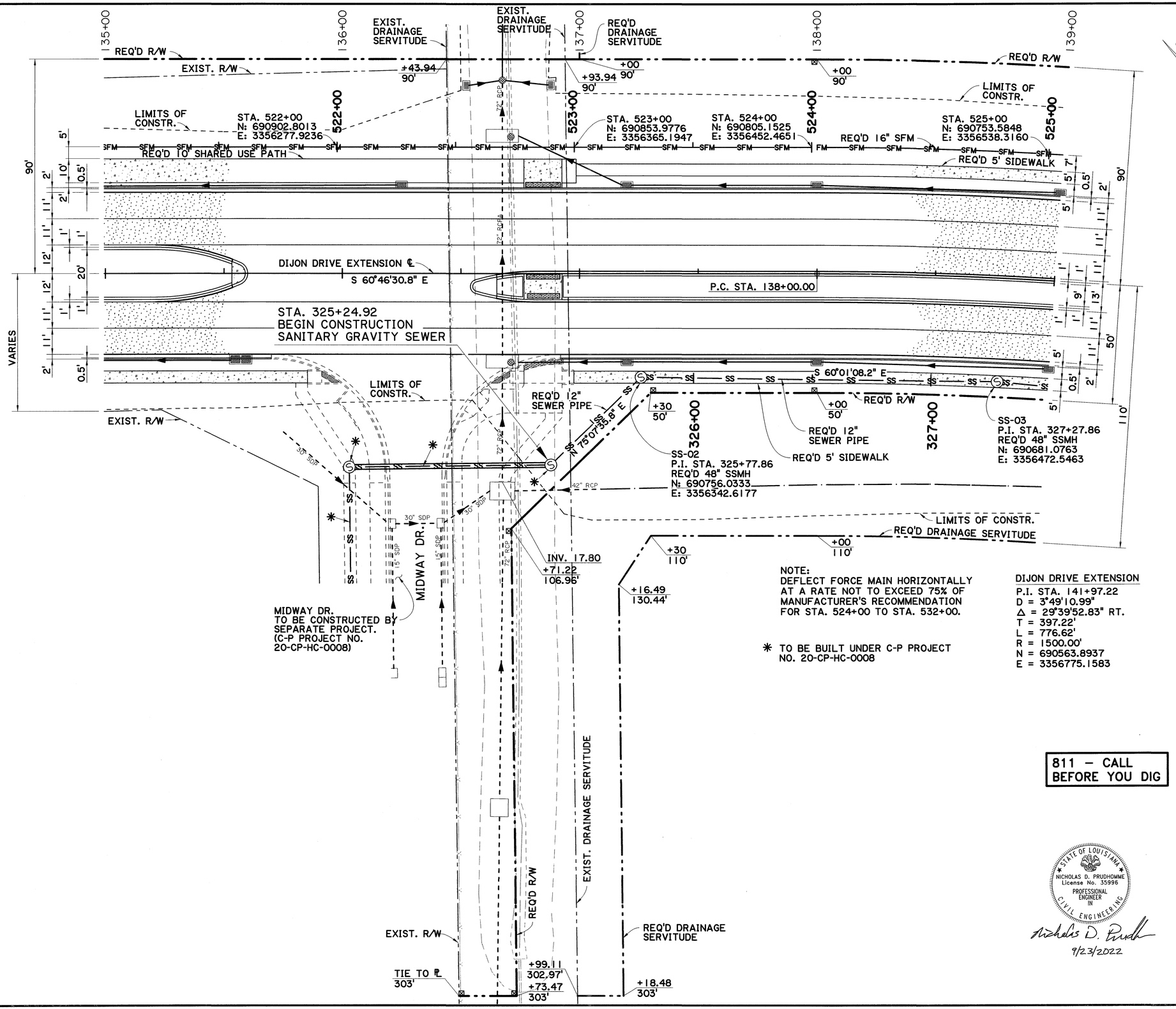
REVISION DESCRIPTION | BY | NO. | DATE

STATE OF LOUISIANA DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT

PLAN AND PROFILE SHEET
SANITARY SEWER FORCE MAIN
(DIJON DRIVE EXTENSION)

LA 3064 TO LA 1248 PHASE II

BOD | Stantec



NOTE:
DEFLECT FORCE MAIN HORIZONTALLY AT A RATE NOT TO EXCEED 75% OF MANUFACTURER'S RECOMMENDATION FOR STA. 524+00 TO STA. 532+00.

✱ TO BE BUILT UNDER C-P PROJECT NO. 20-CP-HC-0008

DIJON DRIVE EXTENSION
P.I. STA. 141+97.22
D = 3°49'10.99"
Δ = 29°39'52.83" RT.
T = 397.22'
L = 776.62'
R = 1500.00'
N = 690563.8937
E = 3356775.1583

811 – CALL BEFORE YOU DIG

STATE OF LOUISIANA
NICHOLAS D. PRUDHOMME
License No. 35996
PROFESSIONAL ENGINEER IN CIVIL ENGINEERING

Nicholas D. Prudhomme
9/23/2022

SCALE 1"=20'

SHEET NUMBER 182

PARISH	CONTROL SECTION	STATE PROJECT
EAST BATON ROUGE	000-17	H.012232

DESIGNED	CHECKED	DETAILED	CHECKED	SERIES NUMBER
NDP	CMH	TW	NDP	3 OF 19

NO.	DATE	REVISION OR CHANGE ORDER DESCRIPTION	BY

STATE OF LOUISIANA
DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT

PLAN AND PROFILE SHEET
SANITARY SEWER FORCE MAIN
(DIJON DRIVE EXTENSION)

LA 3064 TO LA 1248 PHASE II

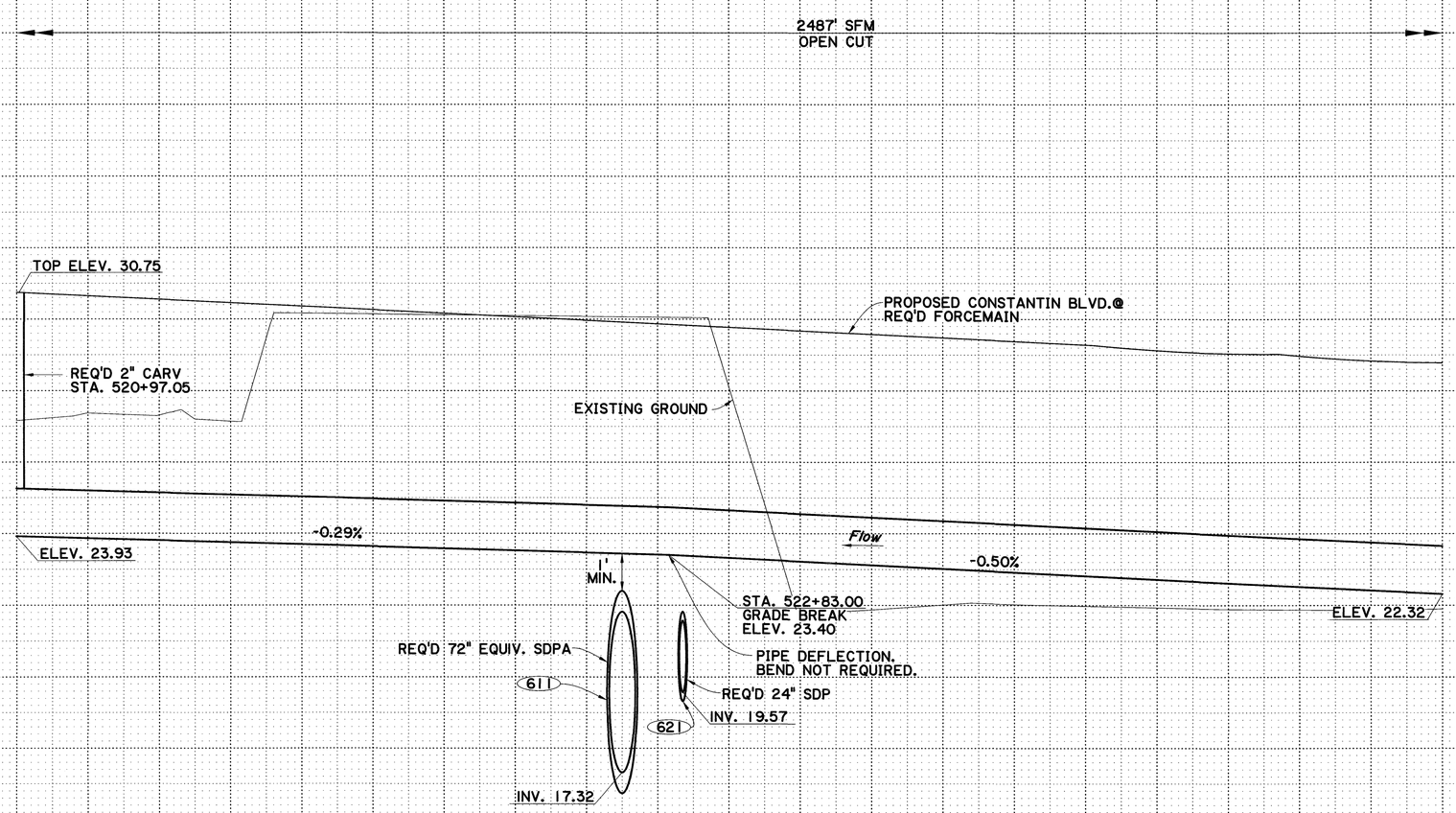
DOTD

Stantec

30-SEP-2022 12:5

V:\2018\active\201802937\03 disciplines\highway\drawing\dwgSEWER_pp_05.dgn

SEWER FORCE MAIN PROFILE



811 – CALL
BEFORE YOU DIG

STATE OF LOUISIANA
NICHOLAS D. PRUDHOMME
License No. 35996
PROFESSIONAL ENGINEER IN CIVIL ENGINEERING

Nicholas D. Prudhomme
9/23/2022

HOR: 1"=20'
VERT.: 1"=2'

SHEET NUMBER	183
PARISH	EAST BATON ROUGE
CONTROL SECTION	000-17
STATE PROJECT	H.012232
DESIGNED / CHECKED	NDP / CMH
DETAILED / CHECKED	TW / NDP
SERIES NUMBER	4 OF 19

REVISION DESCRIPTION | BY | NO. | DATE

PLAN AND PROFILE SHEET
SANITARY SEWER FORCE MAIN
(DIJON DRIVE EXTENSION)

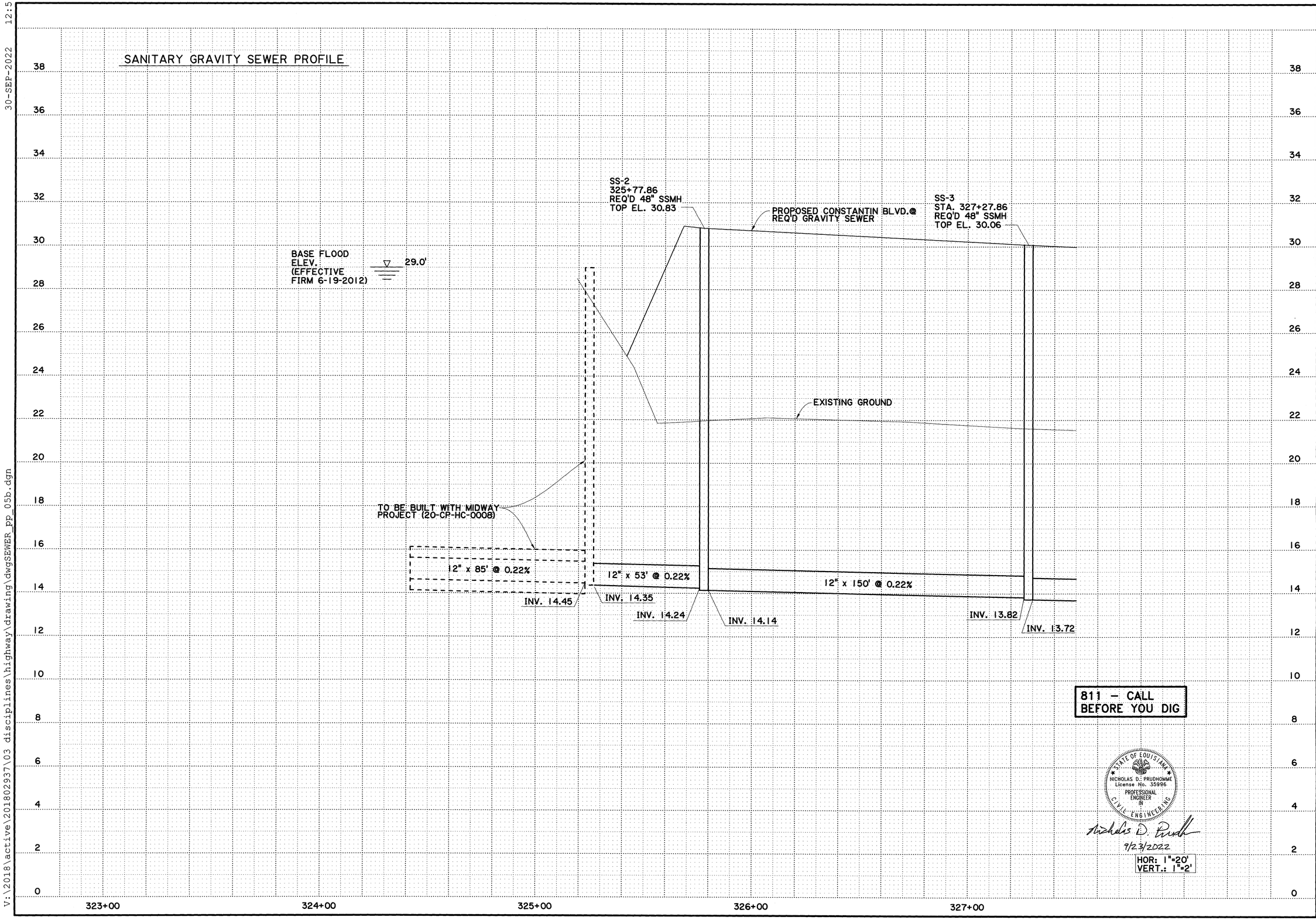
LA 3064 TO LA 1248 PHASE II

BOTD | Stantec

30-SEP-2022 12:5

V:\2018\active\20180293\03 disciplines\highway\drawing\dwgSEWER_pp_05b.dgn

SANITARY GRAVITY SEWER PROFILE



811 – CALL BEFORE YOU DIG

STATE OF LOUISIANA
NICHOLAS D. PRUDHOMME
License No. 35986
PROFESSIONAL ENGINEER IN CIVIL ENGINEERING

Nicholas D. Prudhomme
9/23/2022

HOR: 1"=20'
VERT.: 1"=2'

SHEET NUMBER 184

PARISH	CONTROL SECTION	STATE PROJECT
EAST BATON ROUGE	000-17	H.012232

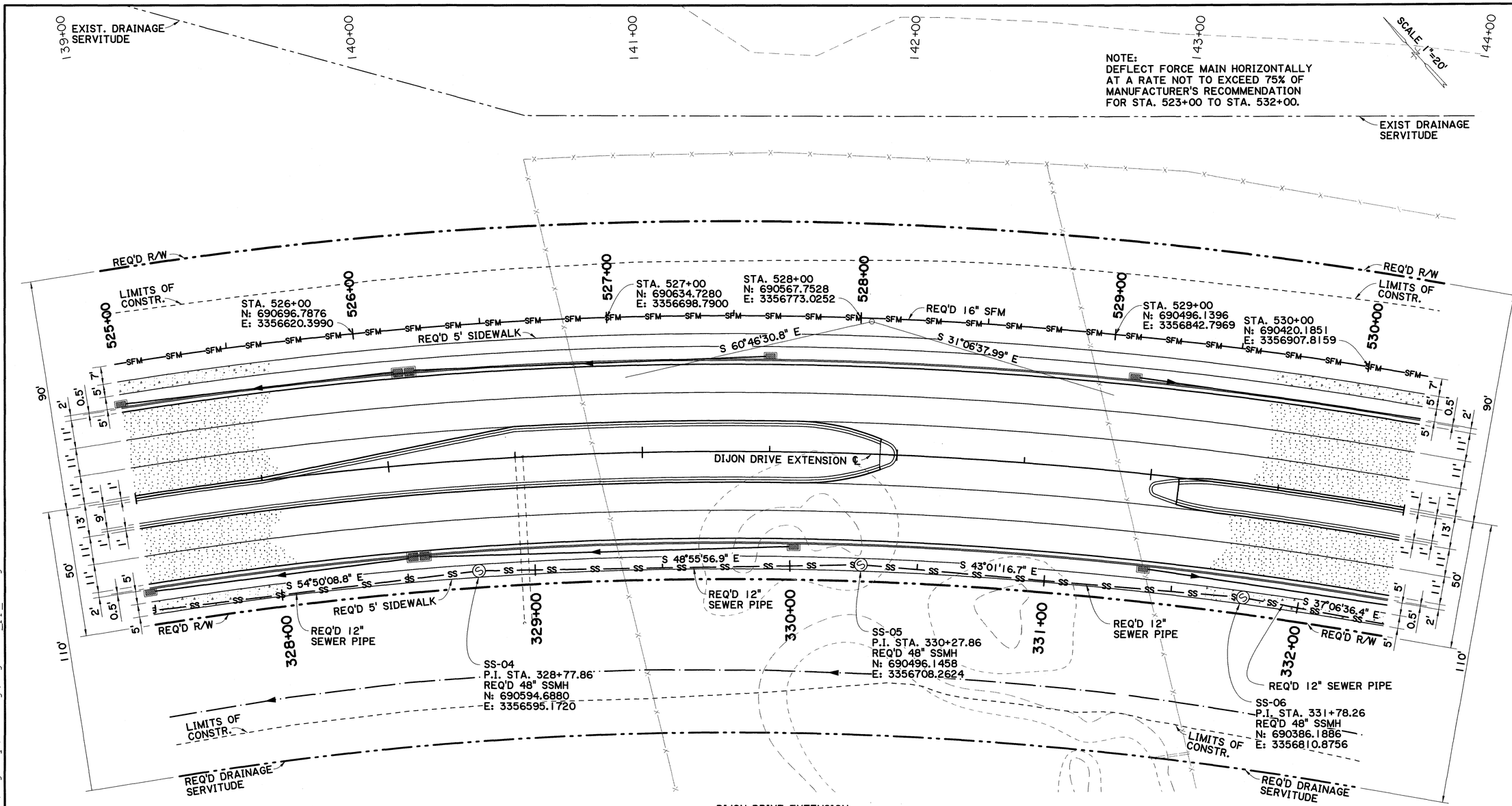
DESIGNED / CHECKED	DETAILED / CHECKED	SERIES NUMBER
NDP / CMH	TW / NDP	5 OF 19

NO.	DATE	REVISION DESCRIPTION	BY

PLAN AND PROFILE SHEET
GRAVITY SEWER
(DIJON DRIVE EXTENSION)
LA 3064 TO LA 1248 PHASE II

DOTD

Stantec



DIJON DRIVE EXTENSION
P.I. STA. 141+97.22
D = 3°49'10.99"
Δ = 29°39'52.83" RT.
T = 397.22'
L = 776.62'
R = 1500.00'
N = 690563.8937
E = 3356775.1583

811 – CALL BEFORE YOU DIG

STATE OF LOUISIANA
NICHOLAS D. PRUDHOMME
License No. 35996
PROFESSIONAL ENGINEER IN CIVIL ENGINEERING

Nicholas D. Prudhomme
9/23/2022

SHEET NUMBER 185

PARISH: EAST BATON ROUGE
CONTROL SECTION: 000-17
STATE PROJECT: H.012232

DESIGNED NDP
CHECKED CMH
DETAILED TW
CHECKED NDP
SERIES NUMBER 6 OF 19

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

STATE OF LOUISIANA

PLAN AND PROFILE SHEET
SANITARY SEWER FORCE MAIN
(DIJON DRIVE EXTENSION)

LA 3064 TO LA 1248 PHASE II

DOTD

Stantec

06-MAR-2023 13:5

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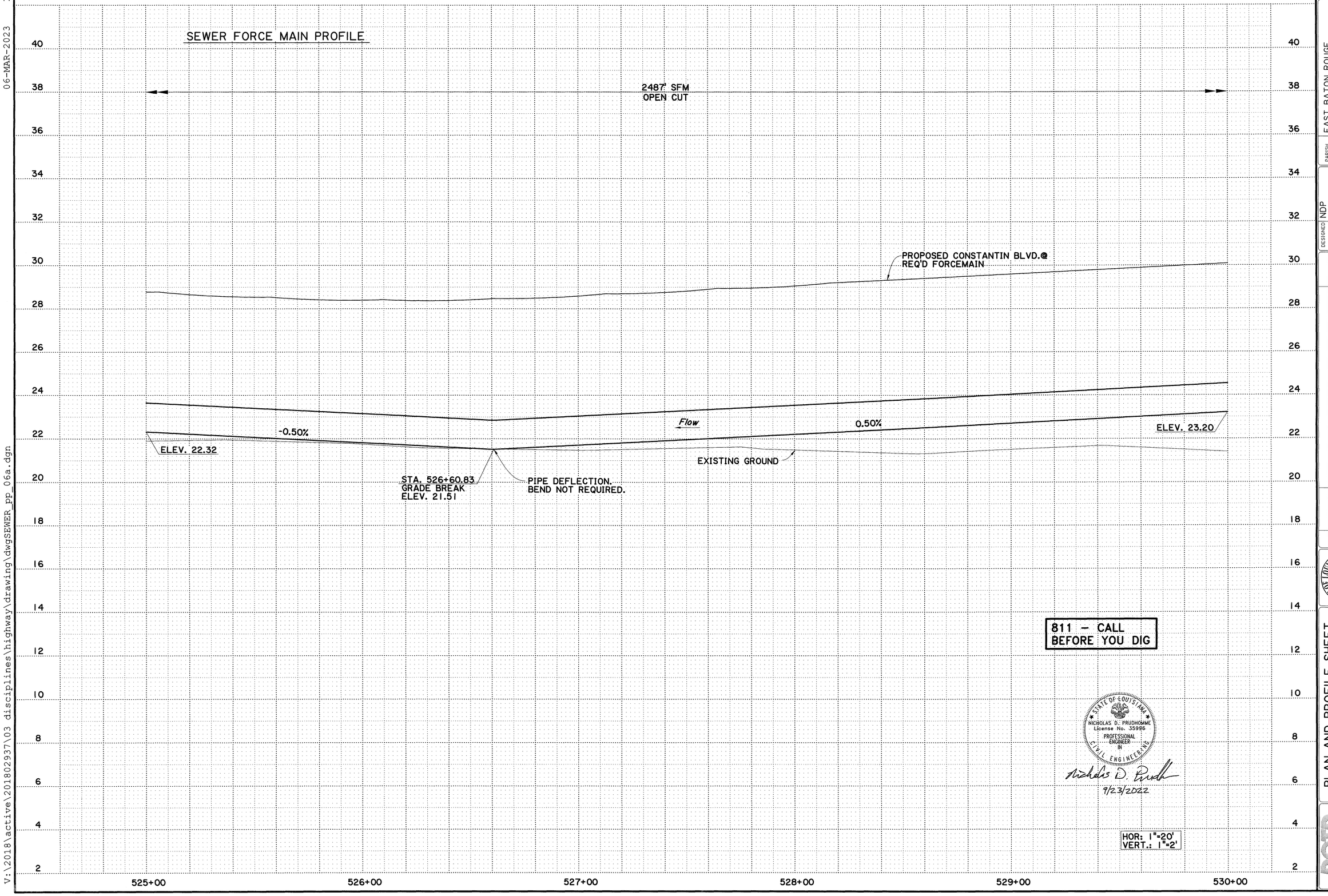
SEWER FORCE MAIN PROFILE



811 – CALL
BEFORE YOU DIG

STATE OF LOUISIANA
NICHOLAS D. PRUDHOMME
License No. 35996
PROFESSIONAL ENGINEER IN CIVIL ENGINEERING

Nicholas D. Prudhomme
9/23/2022

HOR: 1"=20'
VERT.: 1"=2'

SHEET NUMBER	186
PARISH	EAST BATON ROUGE
CONTROL SECTION	000-17
STATE PROJECT	H.012232
DESIGNED / CHECKED	NDP / CMH
DETAILED / CHECKED	TW / NDP
SERIES NUMBER	7 OF 19

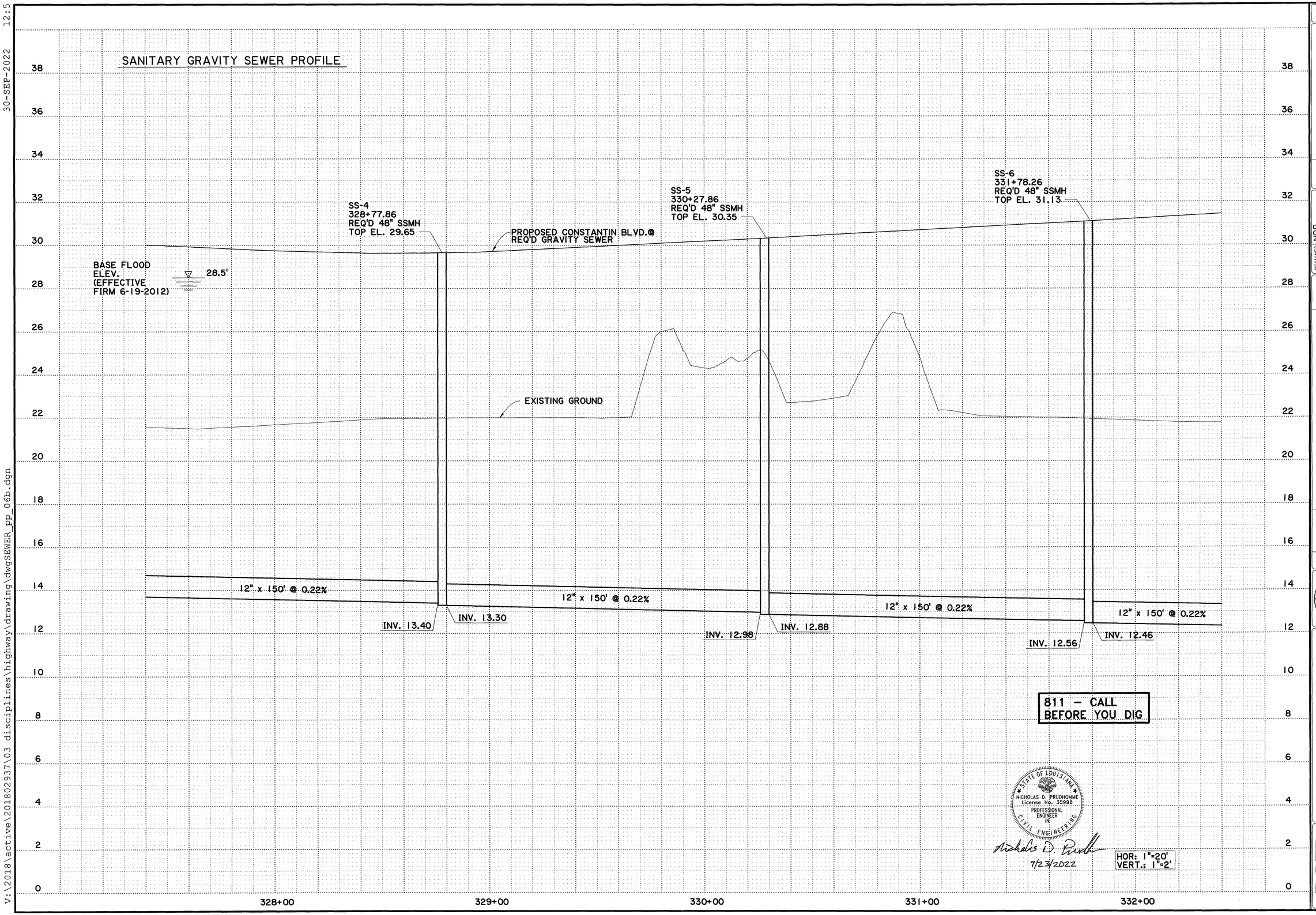
REVISION DESCRIPTION | BY | NO. | DATE

PLAN AND PROFILE SHEET
SANITARY SEWER FORCE MAIN
(DIJON DRIVE EXTENSION)

LA 3064 TO LA 1248 PHASE II

Stantec

SANITARY GRAVITY SEWER PROFILE



811 – CALL
BEFORE YOU DIG

STATE OF LOUISIANA
NICHOLAS D. PRUDHOMME
License No. 35996
PROFESSIONAL
ENGINEER
IN
CIVIL ENGINEERING

Nicholas D. Prudhomme
9/23/2022

HOR: 1"=20'
VERT.: 1"=2'

SHEET NUMBER 187

PARISH	CONTROL SECTION	STATE PROJECT
EAST BATON ROUGE	000-17	H.012232

DESIGNED	CHECKED	DETAILED	CHECKED	SERIES NUMBER
NDP	CMH	TW	NDP	8 OF 19

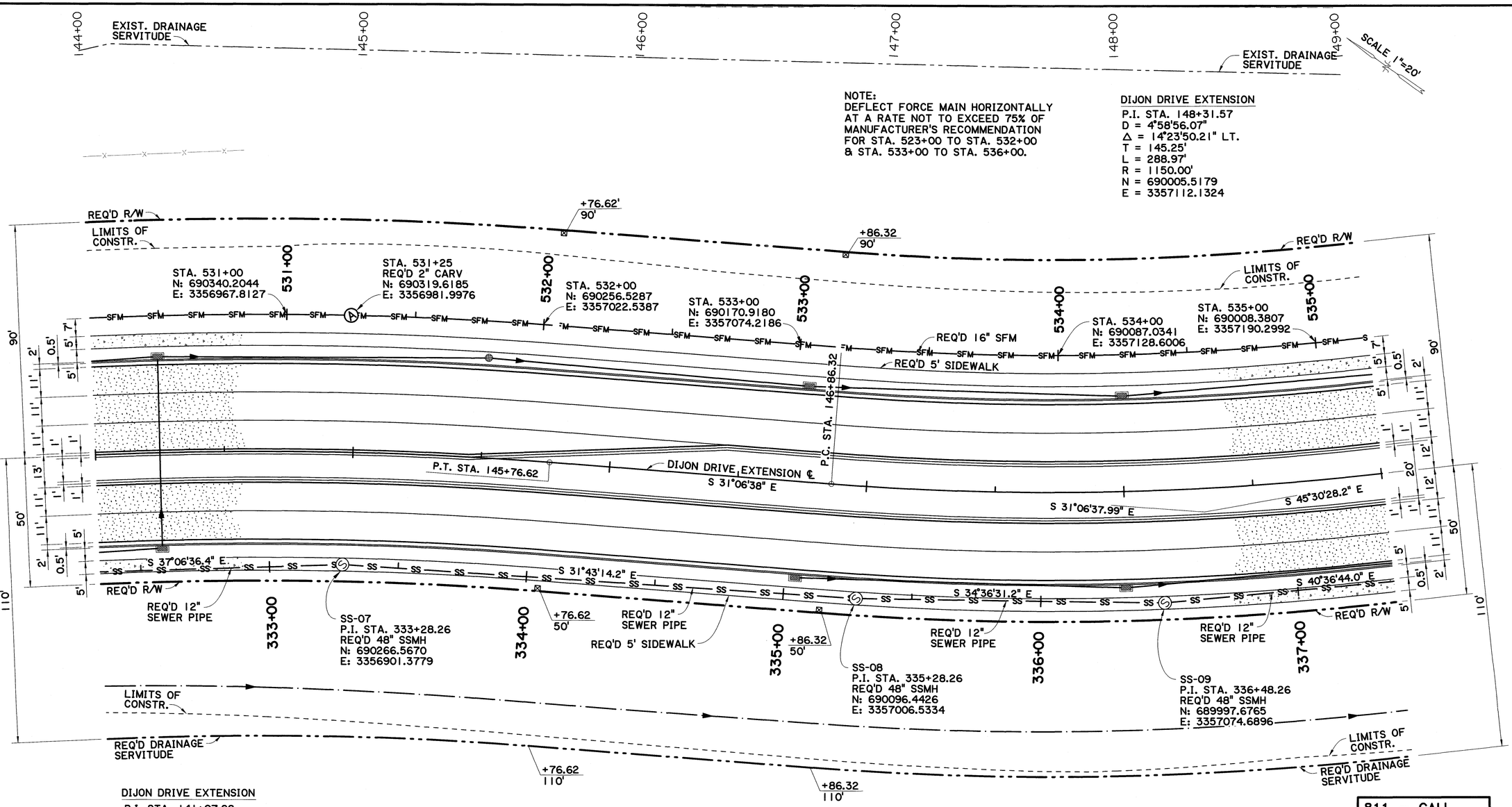
NO.	DATE	REVISION DESCRIPTION	BY

PLAN AND PROFILE SHEET
GRAVITY SEWER
(DIJON DRIVE EXTENSION)

LA 3064 TO LA 1248 PHASE II

BOID

Stantec



DIJON DRIVE EXTENSION
P.I. STA. 141+97.22
D = 3°49'10.99"
Δ = 29°39'52.83" RT.
T = 397.22'
L = 776.62'
R = 1500.00'
N = 690563.8937
E = 3356775.1583

811 – CALL BEFORE YOU DIG

STATE OF LOUISIANA
NICHOLAS D. PRUDHOMME
License No. 35996
PROFESSIONAL ENGINEER IN CIVIL ENGINEERING

Nicholas D. Prudhomme
9/23/2022

SHEET NUMBER	188
PARISH	EAST BATON ROUGE
CONTROL SECTION	000-17
STATE PROJECT	H.012232
DESIGNED	NDP
CHECKED	CMH
DETAILED	TW
CHECKED	NDP
SERIES NUMBER	9 OF 19

NO.	DATE	REVISION OR CHANGE ORDER DESCRIPTION	BY

PLAN AND PROFILE SHEET
SANITARY SEWER FORCE MAIN
(DIJON DRIVE EXTENSION)
LA 3064 TO LA 1248 PHASE II

DOTD
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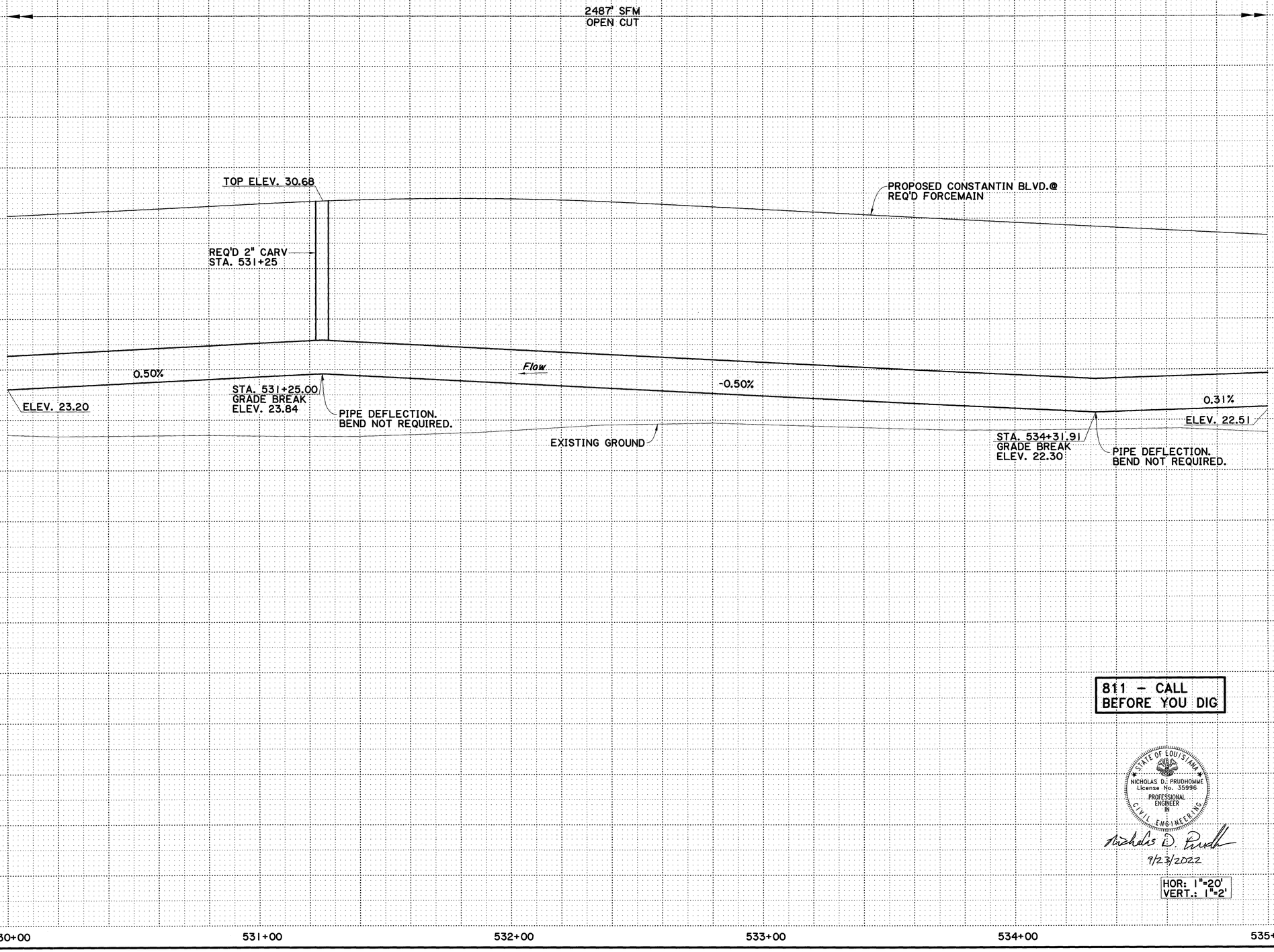
SEWER FORCE MAIN PROFILE



811 – CALL BEFORE YOU DIG

STATE OF LOUISIANA
NICHOLAS D. PRUDHOMME
License No. 35996
PROFESSIONAL ENGINEER IN CIVIL ENGINEERING

Nicholas D. Prudhomme
9/23/2022

HOR: 1"=20'
VERT.: 1"=2'

SHEET NUMBER	189
PARISH	EAST BATON ROUGE
CONTROL SECTION	000-17
STATE PROJECT	H.012232
DESIGNED	NDP
CHECKED	CMH
DETAILED	TW
CHECKED	NDP
SERIES NUMBER	10 OF 19

REVISION DESCRIPTION | BY | DATE | NO.

PLAN AND PROFILE SHEET
SANITARY SEWER FORCE MAIN
(DIJON DRIVE EXTENSION)

LA 3064 TO LA 1248 PHASE II

BOD

Stantec

30-SEP-2022 12:5

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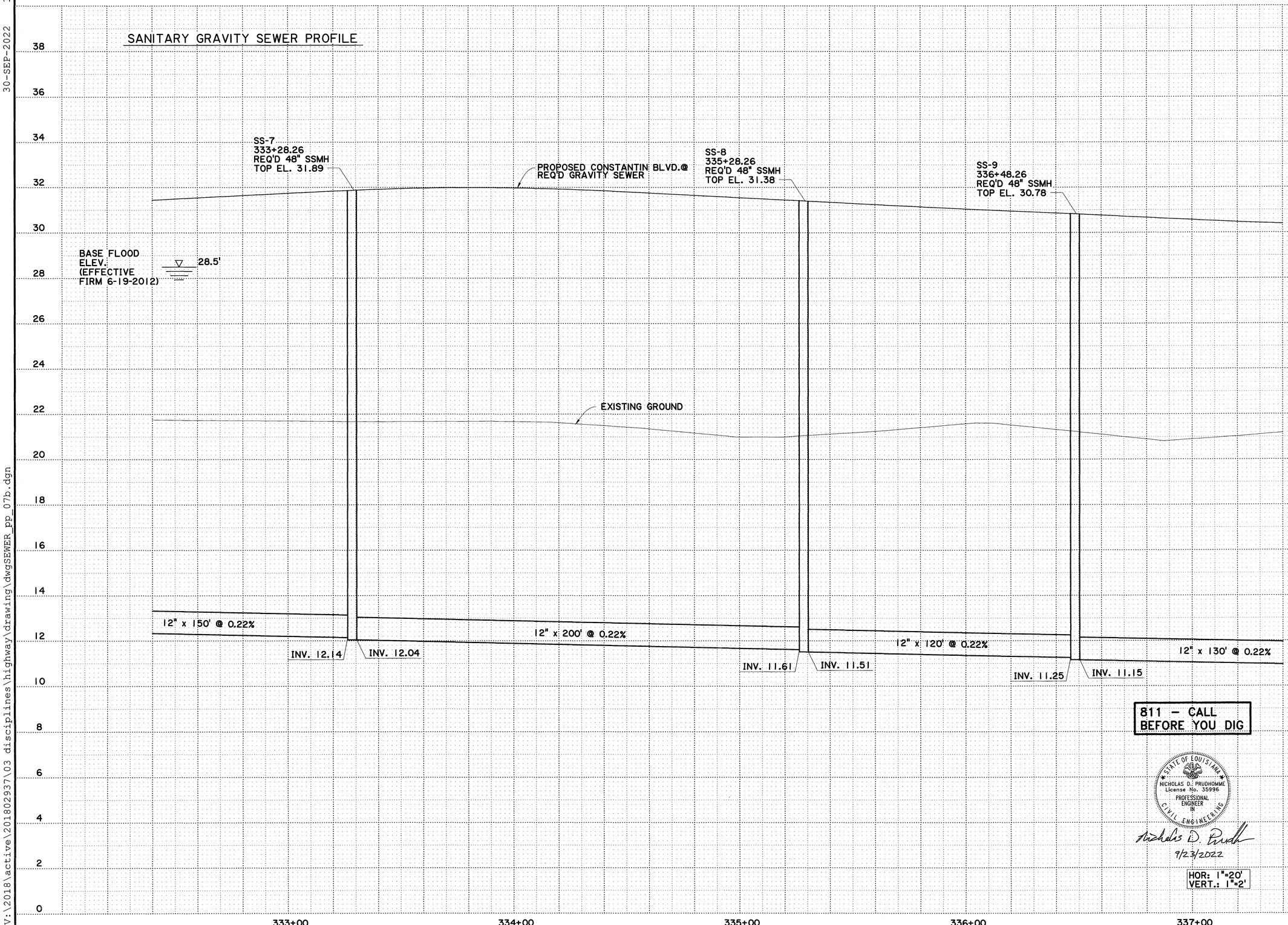
SANITARY GRAVITY SEWER PROFILE



811 – CALL BEFORE YOU DIG

STATE OF LOUISIANA
NICHOLAS D. PRUDHOMME
License No. 35996
PROFESSIONAL ENGINEER IN CIVIL ENGINEERING

Nicholas D. Prudhomme
9/23/2022

HOR: 1"=20'
VERT.: 1"=2'

SHEET NUMBER 190

PARISH	CONTROL SECTION	STATE PROJECT
EAST BATON ROUGE	000-17	H.012232

DESIGNED / CHECKED	DETAILED / CHECKED	SERIES NUMBER
NDP / CMH	TW / NDP	11 OF 19

NO.	DATE	REVISION DESCRIPTION	BY

PLAN AND PROFILE SHEET
GRAVITY SEWER
(DIJON DRIVE EXTENSION)

LA 3064 TO LA 1248 PHASE II

POTP

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DIJON DRIVE EXTENSION
P.I. STA. 148+31.57
D = 4°58'56.07"
Δ = 14°23'50.21" LT.
T = 145.25'
L = 288.97'
R = 1150.00'
N = 690005.5179
E = 3357112.1324

NOTE:
DEFLECT FORCE MAIN HORIZONTALLY AT A RATE NOT TO EXCEED 75% OF MANUFACTURER'S RECOMMENDATION FOR STA. 533+00 TO STA. 536+00.

SCALE 1"=20'

+40 TIE TO EXIST. SERVITUDE
EXIST. DRAINAGE SERVITUDE
REQ'D DRAINAGE SERVITUDE
INV. 15.12
+15.92 TIE TO EXIST. PROPERTY LINE
+16 TIE TO EXIST. PROPERTY LINE
+50 TIE TO EXIST. PROPERTY LINE
REQ'D DRAINAGE SERVITUDE
EXIST. DRAINAGE SERVITUDE
+40 90'
+75.29 90'
+50 90'
REQ'D R/W
REQ'D R/W
LIMITS OF CONSTR.
LIMITS OF CONSTR.

STA. 536+00
N: 689935.6474
E: 3357258.8791

STA. 537+00
N: 689865.5662
E: 3357330.2138

STA. 538+00
N: 689795.4850
E: 3357401.5484

STA. 539+00
N: 689725.4039
E: 3357472.8830

STA. 539+09.05
REQ'D 2" CARV
N: 689719.0615
E: 3357479.3388

STA. 540+00
N: 689655.3227
E: 3357544.2177

REQ'D 16" SFM
REQ'D 5' SIDEWALK
P.T. STA. 49+75.29
CD2
DIJON DRIVE EXTENSION ℄
S 45°30'28.2" E
S 40°36'44.0" E
S 45°23'55.1" E
N 45°28'57.5" W
REQ'D 5' SIDEWALK
REQ'D R/W
REQ'D R/W
REQ'D 12" SEWER PIPE
REQ'D ENTRY PIT
SS-10
P.I. STA. 337+78.26
REQ'D 48" SSMH
N: 689898.9893
E: 3357159.3113
+75.29 50'
REQ'D EXIT PIT
REQ'D 30' JACK & BORE W/ 24" CASING TO SPAN TEMPORARY DRAINAGE PIPE. SEE SHEET 52 FOR DETAILS.
INV. 15.56
REQ'D 12" SEWER PIPE
SS-11
P.I. STA. 340+78.26
REQ'D 48" SSMH
N: 689688.3383
E: 3357372.9141
REQ'D 12" SEWER PIPE
LIMITS OF CONSTR.
LIMITS OF CONSTR.
REQ'D DRAINAGE SERVITUDE
+75.29 110'
REQ'D DRAINAGE SERVITUDE

811 – CALL BEFORE YOU DIG

STATE OF LOUISIANA
NICHOLAS D. PRUDHOMME
License No. 35996
PROFESSIONAL ENGINEER IN CIVIL ENGINEERING
Nicholas D. Prudhomme
9/23/2022

SHEET NUMBER 191
PARISH EAST BATON ROUGE
CONTROL SECTION 000-17
STATE PROJECT H.012232
DESIGNED NDP
CHECKED CMH
DETAILED TW
CHECKED NDP
SERIES NUMBER 12 OF 19
NO. DATE REVISION OR CHANGE BY

PLAN AND PROFILE SHEET
SANITARY SEWER FORCE MAIN
(DIJON DRIVE EXTENSION)
LA 3064 TO LA 1248 PHASE II

DOTD
Stantec

12:5
30-SEP-2022
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SEWER FORCE MAIN PROFILE

2487' SFM
OPEN CUT

PROPOSED CONSTANTIN BLVD.@
REQ'D FORCEMAIN

TOP ELEV. 30.60

REQ'D 2" CARV
STA. 539+09.05

Flow

0.31%

-0.47%

ELEV. 22.51

REQ'D 3-72" SDP

MIN.

CD2

ELEV. 15.21

STA. 539+09.05
GRADE BREAK
ELEV. 23.76

PIPE DEFLECTION.
BEND NOT REQUIRED.

ELEV. 23.34

EXISTING GROUND

40 38 36 34 32 30 28 26 24 22 20 18 16 14 12 10 8 6 4 2

535+00 536+00 537+00 538+00 539+00 540+00

811 — CALL
BEFORE YOU DIG

STATE OF LOUISIANA
NICHOLAS D. PRUDHOMME
License No. 35996
PROFESSIONAL ENGINEER
IN
CIVIL ENGINEERING

Nicholas D. Prudhomme
9/23/2022

HOR: 1"=20'
VERT.: 1"=2'

SHEET NUMBER 192

PARISH	CONTROL SECTION	STATE PROJECT
EAST BATON ROUGE	000-17	H.012232

DESIGNED	CHECKED	DETAILED	CHECKED	SERIES NUMBER
NDP	CMH	TW	NDP	13 OF 19

NO.	DATE	REVISION DESCRIPTION	BY

PLAN AND PROFILE SHEET
SANITARY SEWER FORCE MAIN
(DIJON DRIVE EXTENSION)

LA 3064 TO LA 1248 PHASE II

POTD

Stantec

30-SEP-2022 12:5

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SANITARY GRAVITY SEWER PROFILE

SS-10
337+78.26
REQ'D 48" SSMH
TOP EL. 30.33

PROPOSED CONSTANTIN BLVD.@
REQ'D GRAVITY SEWER

SS-11
340+78.26
REQ'D 48" SSMH
TOP EL. 31.65

BASE FLOOD
ELEV.
(EFFECTIVE
FIRM 6-19-2012) 28.0'

REQ'D 3-72" SDP

EXISTING GROUND

CD2

INV. 15.45

REQ'D 30' JACK & BORE
W/ 24" CASING
TO SPAN TEMPORARY
DRAINAGE PIPE. SEE
SHEET 52 FOR DETAILS.

12" x 300' @ 0.22%

INV. 10.87

INV. 10.77

338+15
BEG. 24" CASING

338+45
END 24" CASING

INV. 10.12

INV. 10.02

12" x 300' @ 0.22%

811 – CALL
BEFORE YOU DIG

STATE OF LOUISIANA
NICHOLAS D. PRUDHOMME
License No. 36996
PROFESSIONAL
ENGINEER
IN
CIVIL ENGINEERING

Nicholas D. Prudhomme
9/23/2022

HOR: 1"=20'
VERT.: 1"=2'

338+00 339+00 340+00 341+00 342+00

0 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38

SHEET NUMBER 193

PARISH	CONTROL SECTION	STATE PROJECT
EAST BATON ROUGE	000-17	H.012232

DESIGNED	CHECKED	DETAILED	CHECKED	SERIES NUMBER
NDP	CMH	TW	NDP	14 OF 19

NO.	DATE	REVISION DESCRIPTION	BY

STATE OF LOUISIANA

PLAN AND PROFILE SHEET
GRAVITY SEWER
(DIJON DRIVE EXTENSION)

LA 3064 TO LA 1248 PHASE II

POTD

Stantec

12:5
30-SEP-2022

NOTE:
DEFLECT FORCE MAIN HORIZONTALLY AT A RATE NOT TO EXCEED 75% OF MANUFACTURER'S RECOMMENDATION FOR STA. 541+40 TO STA. 545+00.

SCALE 1"=20'

154+00 155+00 156+00 157+00 158+00 159+00

EXIST. DRAINAGE SERVITUDE

60" RCP

54" STEEL BENT

INV. 12.00'
INV. 15.41'
42" CMP

+20
90'

LIMITS OF CONSTR.

REQ'D R/W
+37, 80.5' LT.
INV. 19.24

TIE TO ℄
121.29'

541+00
STA. 541+00
N: 689585.2415
E: 3357615.5523

542+00
STA. 542+00
N: 689513.7456
E: 3357685.4326

543+00
STA. 543+00
N: 689435.3641
E: 3357747.4449

544+00
STA. 544+00
N: 689350.4427
E: 3357800.1475

545+00
STA. 545+00
N: 689260.1235
E: 3357842.9570

REQ'D 16" SFM

REQ'D 5' SIDEWALK

TIE TO ℄
71'

TIE TO ℄
66'

+79.33
71.00'

+79.33
83.00'

REQ'D CONSTRUCTION SERVITUDE

+49.04
71'

+49.04
66'

LIMITS OF CONSTR.

DIJON DRIVE EXTENSION ℄

S 45°30'28.2" E

347+00

S 45°28'57.5" E

S 40°25'10.6" E

S 32°53'58.7" E

S 22°56'02.8"

REQ'D R/W

343+00
REQ'D 12" SEWER PIPE
+24
50'
SS-12
P.I. STA. 343+78.26
REQ'D 48" SSMH
N: 689478.0007
E: 3357586.8255

344+00
REQ'D R/W
REQ'D 12" SEWER PIPE
REQ'D 5' SIDEWALK
SS-13
P.I. STA. 344+88.26
REQ'D 48" SSMH WITH GASKETED LID AND SEWER SENTRY
N: 689394.2559
E: 3357658.1474

345+00
REQ'D 12" SEWER PIPE
REQ'D ENTRY PIT
SS-14
P.I. STA. 345+83.26
REQ'D 48" SSMH WITH GASKETED LID AND SEWER SENTRY
N: 689314.4991
E: 3357709.7437

346+00
REQ'D EXIT PIT
S 25°06'49.3" E
INV. 15.68'
INV. 15.74'
+49.04
50'
REQ'D 12" SEWER PIPE

347+00
SS-15
P.I. STA. 347+14.58
REQ'D 48" SSMH WITH GASKETED LID AND SEWER SENTRY
N: 689195.5855
E: 3357765.4815
+97.26
50'

LIMITS OF CONSTR.
REQ'D 35' JACK & BORE W/ 24" CASING
42" RCP
+49.04
110'

REQ'D DRAINAGE SERVITUDE
+24
110'

P.I. STA. 158+88.65
D = 6°56'41.8"
Δ = 22°34'25.4" RT.
T = 164.65'
L = 325.04'
R = 825.00'
N = 689403.7943
E = 3357724.6182

90'
50'
90'
2' 0.5' 5' 11' 11' 11' 1' 1' 13' 9' 1' 1' 11' 11' 11' 5' 2' 0.5' 5'
5' 5' 11' 11' 11' 1' 1' 9' 13' 1' 1' 11' 11' 11' 5' 0.5' 2'
66'
20' 1' 2' 11' 11' 13' 2' 1' 11' 11' 2' 0.5' 5' 50' 110'

811 – CALL BEFORE YOU DIG

NICHOLAS D. PRUDHOMME
License No. 35996
PROFESSIONAL ENGINEER IN CIVIL ENGINEERING
STATE OF LOUISIANA
Nicholas D. Prudhomme
9/23/2022

SHEET NUMBER	194
PARISH	EAST BATON ROUGE
CONTROL SECTION	000-17
STATE PROJECT	H.012232
DESIGNED	NDP
CHECKED	CMH
DETAILED	TW
CHECKED	NDP
SERIES NUMBER	15 OF 19

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

STATE OF LOUISIANA DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT

PLAN AND PROFILE SHEET
SANITARY SEWER FORCE MAIN
(DIJON DRIVE EXTENSION)
LA 3064 TO LA 1248 PHASE II

DOTD | Stantec

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06-MAR-2023 13:5

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SEWER FORCE MAIN PROFILE

2487' SFM
OPEN CUT

+72.34

211' RJFM
OPEN CUT

PROPOSED CONSTANTIN BLVD.@
REQ'D FORCEMAIN

ELEV. 23.34

-0.47%

EXISTING GROUND

PIPE DEFLECTION.
BEND NOT REQUIRED.

STA. 542+69.00
GRADE BREAK
ELEV. 22.07

REQ'D 24" EQUIV.
SDP (OUTFALL)

1'
MIN.

INV. 19.32

Flow

-0.67%

REQ'D 42" SDP

INV. 15.50

PIPE DEFLECTION.
BEND NOT REQUIRED.

STA. 544+28.77
GRADE BREAK
ELEV. 21.00

INV. 15.26

-0.50%

ELEV. 20.34

REQ'D 42" SDP

811 – CALL
BEFORE YOU DIG

STATE OF LOUISIANA
NICHOLAS D. PRUDHOMME
License No. 35996
PROFESSIONAL ENGINEER IN CIVIL ENGINEERING

Nicholas D. Prudhomme
9/23/2022

HOR: 1"=20'
VERT.: 1"=2'

540+00 541+00 542+00 543+00 544+00 545+00

40 38 36 34 32 30 28 26 24 22 20 18 16 14 12 10 8 6 4 2

SHEET NUMBER 195

PARISH	CONTROL SECTION	STATE PROJECT
EAST BATON ROUGE	000-17	H.012232

DESIGNED / CHECKED	DETAILED / CHECKED	SERIES NUMBER
NDP / CMH	TW / NDP	16 OF 19

NO.	DATE	REVISION DESCRIPTION	BY

PLAN AND PROFILE SHEET
SANITARY SEWER FORCE MAIN
(DIJON DRIVE EXTENSION)

LA 3064 TO LA 1248 PHASE II

Stantec

SANITARY GRAVITY SEWER PROFILE

811 – CALL BEFORE YOU DIG

SS-12
343+78.26
REQ'D 48" SSMH
TOP EL. 28.90

SS-13
344+88.26
REQ'D 48" SSMH WITH GASKETED LID AND SEWER SENTRY
TOP EL. 27.90

SS-14
345+83.26
REQ'D 48" SSMH WITH GASKETED LID AND SEWER SENTRY
TOP EL. 27.50

SS-15
347+14.58
REQ'D 48" SSMH WITH GASKETED LID AND SEWER SENTRY
TOP EL. 27.39

SS-16
347+86.94
REQ'D 48" SSMH WITH GASKETED LID AND SEWER SENTRY
TOP EL. 20.97

BASE FLOOD ELEV. (EFFECTIVE FIRM 6-19-2012) 28.0'

PROPOSED CONSTANTIN BLVD.@ REQ'D GRAVITY SEWER

EXISTING GROUND

REQ'D 42" SDP

INV. 15.67

REQ'D 35' JACK & BORE W/ 24" CASING

12" x 300' @ 0.22%
12" x 110' @ 0.22%
12" x 95' @ 0.22%
12" x 131' @ 0.22%
12" x 72' @ 0.22%

INV. 9.37
INV. 9.27
INV. 9.04
INV. 8.94
INV. 8.74
INV. 8.64
INV. 8.36
INV. 8.26
INV. 8.11
INV. 8.01

345+89 BEG. 24" CASING
346+24 END 24" CASING

HOR: 1"=20'
VERT.: 1"=2'

38 36 34 32 30 28 26 24 22 20 18 16 14 12 10 8 6 4 2 0

343+00 344+00 345+00 346+00 347+00

STATE OF LOUISIANA
NICHOLAS D. PRUDHOMME
License No. 35996
PROFESSIONAL ENGINEER IN CIVIL ENGINEERING
Nicholas D. Prudhomme
9/23/2022

SHEET NUMBER 196

PARISH	CONTROL SECTION	STATE PROJECT
EAST BATON ROUGE	000-17	H.012232

DESIGNED	DETAILED	SERIES NUMBER
NDP	TW	17 OF 19
CHECKED	CHECKED	
CMH	NDP	

NO.	DATE	REVISION DESCRIPTION	BY

STATE OF LOUISIANA DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT

PLAN AND PROFILE SHEET
GRAVITY SEWER
(DIJON DRIVE EXTENSION)

LA 3064 TO LA 1248 PHASE II

DOTD

Stantec

159+00
160+00
161+00
162+00
163+00
164+00
30" CPP
24" CPP
18" CPP
24" RCP INV. 14.49'
CONCRETE
24" RCP
TIE TO ℄ 71'
TIE TO ℄ 70'
REQ'D CONSTR. SERV.
TIE TO ℄ 66'
REQ'D R/W
DETAIL "A"
BRICK HOTEL
SCALE 1"=20'
INV. 21.93'
15" CPP
INV. 22.48'
15" CPP
15" CPP
+15 90'
+15 70'
+77 90'
+77 70'
+54 90'
+54 70'
REQ'D CONSTR. SERVITUDE
+33.33 83.00'
+33.33 71.00'
REQ'D CONSTR. SERVITUDE
546+00
SEE DETAIL "A"
TIE TO ℄ 56'
REQ'D R/W
LIMITS OF CONSTR.
STA. 545+67.41
REQ'D 45° BEND
N: 689198.0409
E: 3357869.2253
+49 73'
+49 70'
12" PVC
+59 73'
+59 70'
CONCRETE
18" CPP
10" PVC
8" PVC
LIMITS OF CONSTR.
REQ'D R/W
REQ'D 5' SIDEWALK
CONCRETE
24" RCP
STA. 545+77.41
REQ'D 45° BEND
N: 689188.7734
E: 3357865.4686
EXIST. 18" RCP PIPE TO BE REMOVED
STA. 546+00
N: 689179.9712
E: 3357844.6654
18" RCP
18" RCP
S 22°56'02.8" E
DIJON DRIVE EXTENSION ℄
REQ'D 16" SFM
STA. 546+83.34
REQ'D 16" D.I. CAP AND END CONSTRUCTION 16" SEWER FORCE MAIN
N: 689147.4958
E: 3357767.9130
547+00
BRICK RESTAURANT
REQ'D 5' SIDEWALK
LIMITS OF CONSTR.
REQ'D R/W
LIMITS OF CONSTR.
REQ'D R/W
+13.26 70'
REQ'D 12" SEWER PIPE
CONCRETE
+40 65'
+40 70'
CONCRETE
REQ'D CONSTR. SERVITUDE
+96 75'
SS-16
P.I. STA. 347+86.94
REQ'D 48" SSMH WITH GASKETED LID AND SEWER SENTRY
N: 689131.9434
E: 3357731.0602
TIE TO ℄ 110'
STA. 347+86.94
END CONSTRUCTION SANITARY GRAVITY SEWER
REQ'D CONSTR. SERVITUDE
+40 166'
+84 194'
83'
66'
50'
110'
90'
56'
65'
75'
2'
0.5'
5'
7'
11'
13'
20'
1'
9'

STATE OF LOUISIANA
NICHOLAS D. PRUDHOMME
License No. 35996
PROFESSIONAL ENGINEER IN CIVIL ENGINEERING

Nicholas D. Prudhomme
9/23/2022

SHEET NUMBER	197
PARISH	EAST BATON ROUGE
CONTROL SECTION	000-17
STATE PROJECT	H.012232
DESIGNED	NDP
CHECKED	CMH
DETAILED	TW
CHECKED	NDP
SERIES NUMBER	18 OF 19

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

PLAN AND PROFILE SHEET
SANITARY SEWER FORCE MAIN
(DIJON DRIVE EXTENSION)
LA 3064 TO LA 1248 PHASE II

DOTD
Stantec

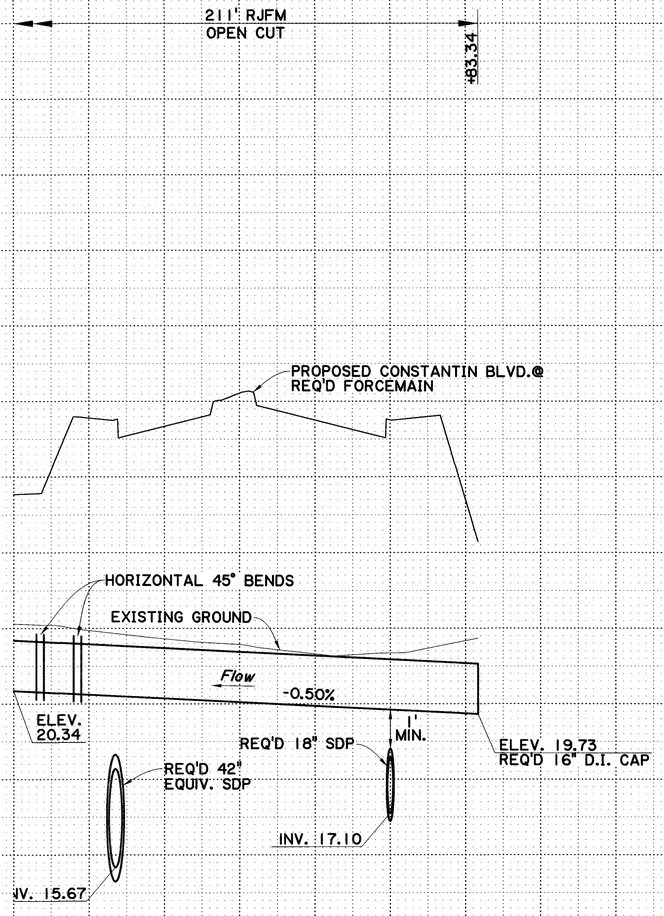
30-SEP-2022 12:5'

V:\2018\active\201802937\03 disciplines\highway\drawing\dwgSEWER_pp_10.dgn

30-SEP-2022 12:5

V:\2018\active\201802937\03 disciplines\highway\drawing\dwgSEWER pp 10a.dgn

SEWER FORCE MAIN PROFILE



40 38 36 34 32 30 28 26 24 22 20 18 16 14 12 10 8 6 4 2

546+00 547+00 548+00

811 – CALL
BEFORE YOU DIG

STATE OF LOUISIANA
NICHOLAS D. PRUDHOMME
License No. 35996
PROFESSIONAL
ENGINEER
IN
CIVIL ENGINEERING

Nicholas D. Prudhomme

9/23/2022

HOR: 1"=20'
VERT.: 1"=2'

SHEET NUMBER 198

PARISH: EAST BATON ROUGE
CONTROL SECTION: 000-17
STATE PROJECT: H.012232

DESIGNED NDP
CHECKED CMH
DETAILED TW
CHECKED NDP
SERIES NUMBER 19 OF 19

NO. | DATE | REVISION DESCRIPTION | BY

STATE OF LOUISIANA
DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT

PLAN AND PROFILE SHEET
SANITARY SEWER FORCE MAIN
(DIJON DRIVE EXTENSION)

LA 3064 TO LA 1248 PHASE II

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