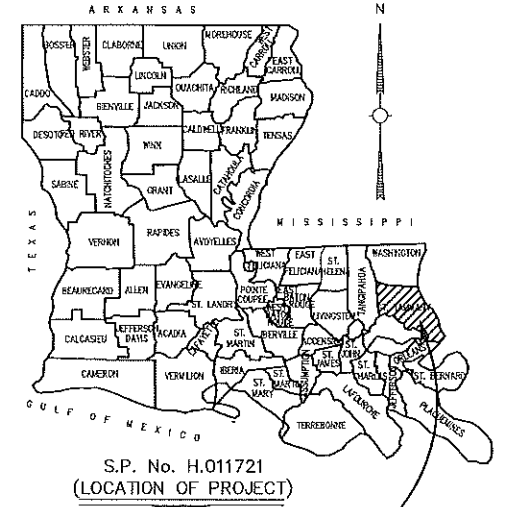


STATE OF LOUISIANA
DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT
PLANS OF PROPOSED
URBAN SYSTEMS PROJECT
STATE PROJECT NO. H.011721
FEDERAL AID PROJECT NO. H011721
US 190/LA. 22 IMPROVEMENTS



INDEX TO SHEETS

SHEET NO.	DESCRIPTION
1	TITLE SHEET AND LAYOUT MAP
2 - 2j	TYPICAL SECTION SHEETS
3 - 3b	SUMMARY SHEETS
4 - 18	PLAN AND PROFILE SHEETS
19	EXISTING DRAINAGE MAP
20	DESIGN DRAINAGE MAP
21 - 35	GEOMETRIC LAYOUT SHEETS
36 - 46	SEQUENCE OF CONSTRUCTION SHEETS
47 - 51	PERMANENT SIGNAGE AND STRIPING SHEETS

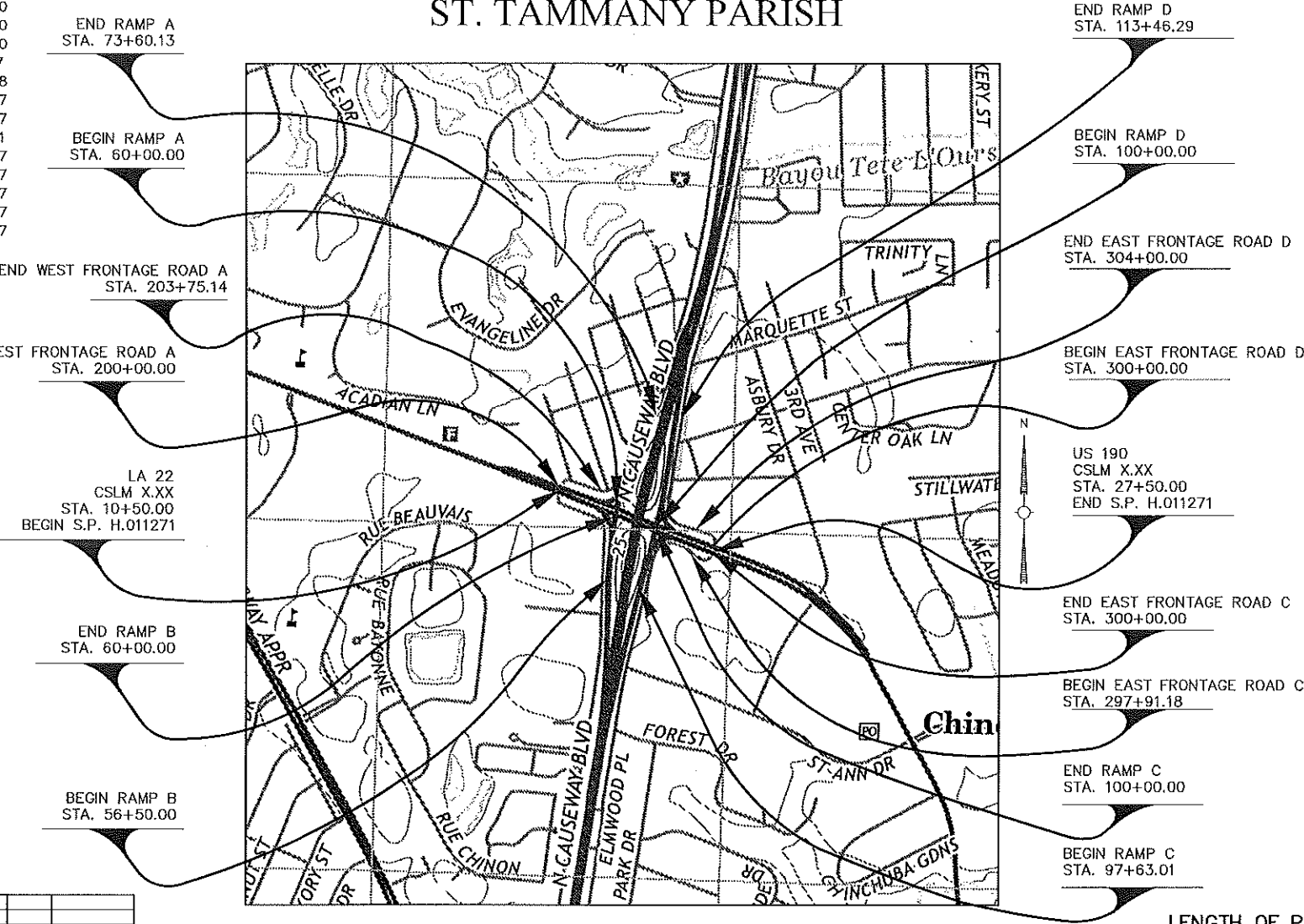
STANDARD PLANS

STANDARD PLAN	REVISION DATE
301 - 302	BM-01 08/22/2007
303	CB-01 11/02/2000
304	CB-04 11/02/2000
305	CB-06 11/02/2000
306 - 307	DW-01 & DW-02 11/17/2017
308 - 309	EC-01 10/01/2008
310 - 319	GR-200 06/13/2017
320 - 327	GR-201 06/13/2017
328	R-CB-11 03/01/2011
329 - 332	PM-01 09/18/2017
333 - 337	TTC 00(A-D) 09/18/2017
338	TTC 02 09/18/2017
339	TTC 09 09/18/2017
340	TTC 16 09/18/2017

401 - 411 CROSS SECTIONS

TOTAL NO. OF SHEETS WITHOUT CROSS SECTIONS - 103

TOTAL NO. OF SHEETS WITH CROSS SECTIONS - 114



RECOMMENDED FOR APPROVAL

JOHNNY W. BORDELON, P.E., PTOE
J. V. BURKES & ASSOCIATES

APPROVED BY: _____ DATE _____

CHIEF ENGINEER
LOUISIANA DEPT. OF TRANSPORTATION & DEVELOPMENT

APPROVED BY: _____ DATE _____

FEDERAL HIGHWAY ADMINISTRATION

DESIGN CLASS: URBAN PRINCIPAL
ARTERIAL-OTHER (US 190 & LA 22)

TRAFFIC DATA: 2016 ADT = 16,989 vpd
2036 ADT = 20,730 vpd
D = 52.0%
K = 10.0%
T = 14.1%

DESIGN SPEED = 45 MPH
20 YEAR ESAL LOADING = T.B.D.

DATE	REVISION	DATE	RECOMMENDED	DATE	APPROVED

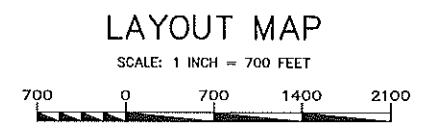
SCHEDULE OF REVISIONS

TYPE OF CONSTRUCTION:
ASPHALT CONCRETE PAVEMENT, ASPHALT CONCRETE PAVEMENT OVERLAY

DATUM USED : NAD 83
MAGNETIC VAR : NONE
BEARINGS ARE : GRID
TRANSIT BOOKS : N/A
LEVEL BOOKS : N/A

SCALES:
PLAN 1"=20'
PROFILE HOR. 1"=20'
VERT. 1"=2'

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



LENGTH OF PROJECT

STATE PROJECT NO.	DESCRIPTION	ALGEBRAIC SUM OF ALL EQUATIONS	GROSS LENGTH	EXCEPTION	BRIDGE LENGTH		ROADWAY LENGTH	
					FEET	MILES	FEET	MILES
H.011721	LA. 22/U.S. 190	10+50 TO 27+50					1700	0.32
	W. FRONTAGE RD.	195+50 TO 203+75.14					825.14	0.16
	WEST RAMPS	56+50 TO 73+60.13					1710.13	0.32
	E. FRONTAGE RD.	297+91.18 TO 304+00					608.82	0.11
	EAST RAMPS	97+63.01 TO 113+46.29					1583.28	0.30

90% PRELIMINARY
"NOT FOR BIDDING, CONSTRUCTION, PERMITTING OR RECORDATION"

SHEET NUMBER	1	PARISH	ST. TAMMANY	FEDERAL PROJECT	H.011721	STATE PROJECT	H.011721
DESIGNED	JWB	CHECKED	JWB	DATE	DEC. 2018	BY	J.V. BURKES & ASSOCIATES
DETAILED	JWB	CHECKED	JWB	DATE	DEC. 2018	BY	J.V. BURKES & ASSOCIATES
TITLE SHEET AND LAYOUT MAP							
U.S. 190/LA. HWY 22 IMPROVEMENTS							

B:\ENGINEERING\2018\01\01-04-18 US 190/LA 22 INTERCHANGE\DWG\001.dwg PLOT DATE: 12/06/2018 10:05 AM

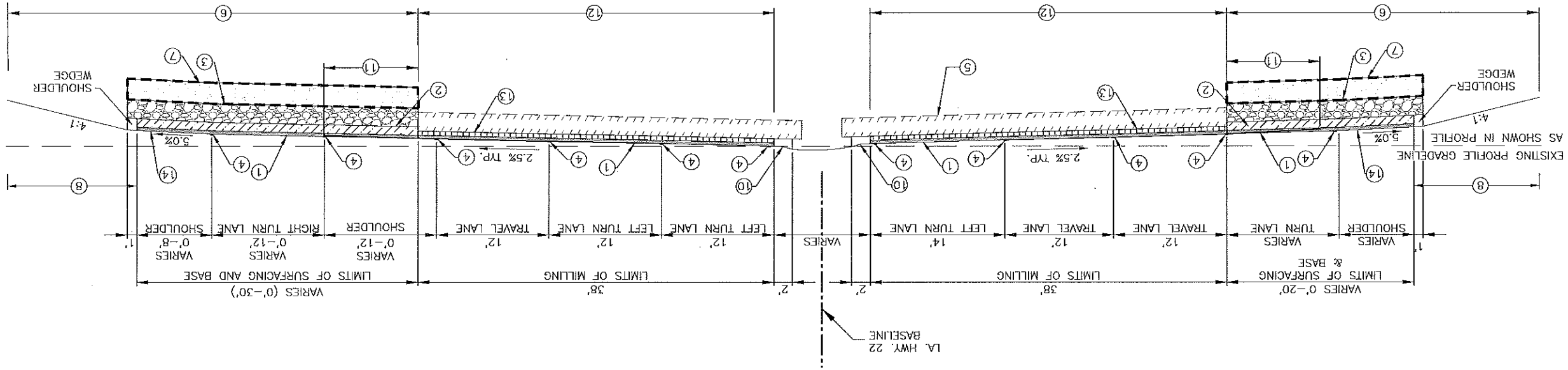
0:\WORKING\2018\201804-18\1801-23\INTERCHANGE\DWG\1801-23\TYPICAL\ECOB-1\90% PRELIM.DWG

- ① 2" ASPHALT CONCRETE WEARING COURSE (LEVEL ?)
- ② 4" ASPHALT CONCRETE BINDER COURSE (LEVEL ?)
- ③ 12" CLASS II BASE COURSE
- ④ REQUIRED PAVEMENT STRIPING
- ⑤ EXISTING BASE AND SURFACING TO REMAIN AFTER MILLING
- ⑥ EXCAVATION AND EMBANKMENT
- ⑦ REQUIRED SUBGRADE LAYER (12" MIN.)
- ⑧ LIMITS OF HYDRO-SEEDING

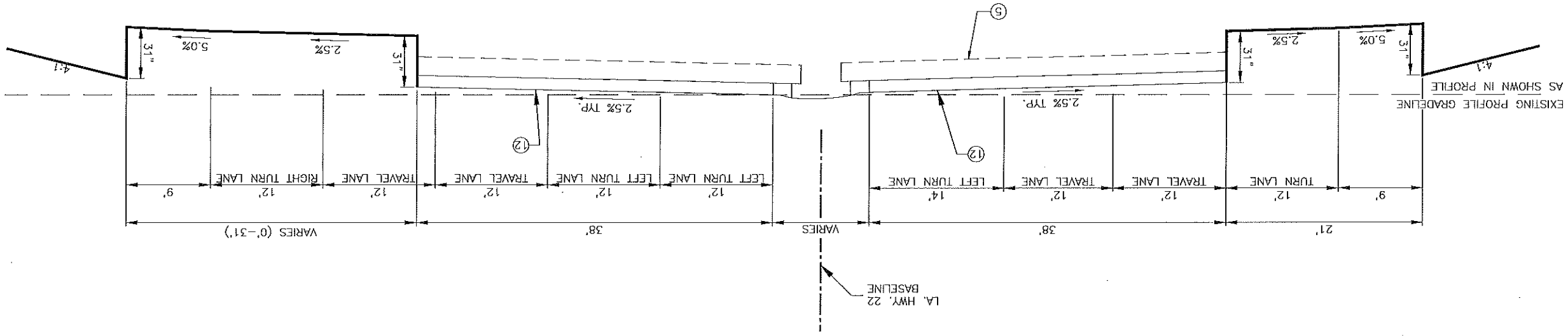
LEGEND

- ⑩ EXIST. CURB AND GUTTER TO REMAIN WITH EXCEPTION BETWEEN STA. 14+83 TO STA. 16+59.
- ⑪ EXIST. ASPHALT PAVEMENT TO BE REMOVED (VARIABLE THICKNESS)
- ⑫ REQUIRED MILLING TO 2" DEPTH
- ⑬ 2 1/2" ASPHALT CONCRETE BINDER COURSE (LEVEL ?)
- ⑭ 7" ASPHALT CONCRETE

TYPICAL FINISHED SECTION
 LA. HWY. 22
 APPLIES STA. 11+50 TO STA. 16+75
 (R.T.S.)



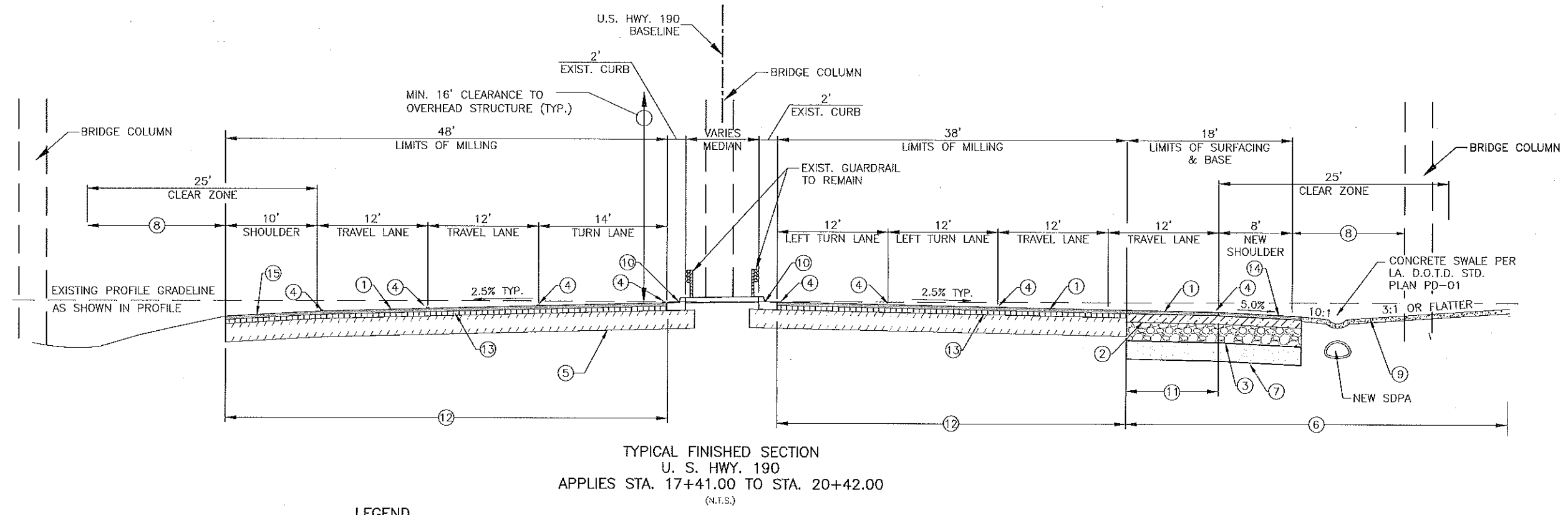
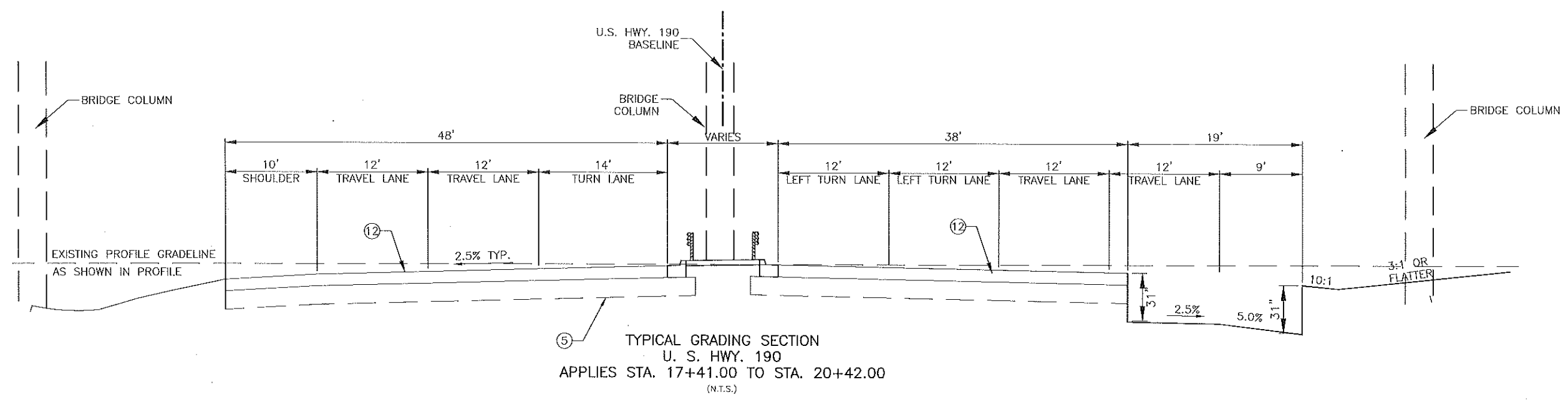
TYPICAL GRADING SECTION
 LA. HWY. 22
 APPLIES STA. 11+50 TO STA. 16+75
 (R.T.S.)



90% PRELIMINARY
 "NOT FOR BIDDING, CONSTRUCTION,
 PERMITTING OR RECORDATION"

	TYPICAL ROADWAY SECTIONS U.S. 190LA, HWY 22 IMPROVEMENTS	
DESIGNED: JWB CHECKED: RJK DATE: DEC. 2018	PUNISH: ST. TAMMANY FEDERAL PROJECT: H.011721 STATE PROJECT: H.011721	SHEET NUMBER: 2
NO. DATE REVISION DESCRIPTION	BY	1 OF 10

SHEET NUMBER	2a
PARISH	ST. TAMMANY
FISCAL PROJECT	H.011721
STATE PROJECT	H.011721
DESIGNED	JMB
CHECKED	JMB
DATE	DEC. 2018
REVISION DESCRIPTION	
NO.	DATE
BY	



LEGEND

- ① 2" ASPHALT CONCRETE WEARING COURSE (LEVEL ?)
- ② 4" ASPHALT CONCRETE BINDER COURSE (LEVEL ?)
- ③ 12" CLASS II BASE COURSE
- ④ REQUIRED PAVEMENT STRIPING
- ⑤ EXISTING BASE AND SURFACING TO REMAIN AFTER MILLING
- ⑥ EXCAVATION AND EMBANKMENT
- ⑦ REQUIRED SUBGRADE LAYER (12" MIN.)
- ⑧ LIMITS OF HYDRO-SEEDING
- ⑨ 4" INCIDENTAL P.C. CONCRETE
- ⑩ EXIST. CURB AND CUTTER TO REMAIN WITH EXCEPTION BETWEEN STA. 17+41 TO STA. 17+76 AND STA. 19+92 TO STA. 20+42
- ⑪ EXIST. ASPHALT PAVEMENT TO BE REMOVED (VARIABLE THICKNESS)
- ⑫ REQUIRED MILLING TO 2" DEPTH
- ⑬ 2 1/2" ASPHALT CONCRETE BINDER COURSE (LEVEL ?)
- ⑭ 7" ASPHALT CONCRETE
- ⑮ 4 1/2" ASPHALT CONCRETE

90% PRELIMINARY
"NOT FOR BIDDING, CONSTRUCTION,
PERMITTING OR RECORDATION"

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TYPICAL ROADWAY SECTIONS
U.S. 190/LA. HWY 22 IMPROVEMENTS



J.V. BURKES & ASSOCIATES

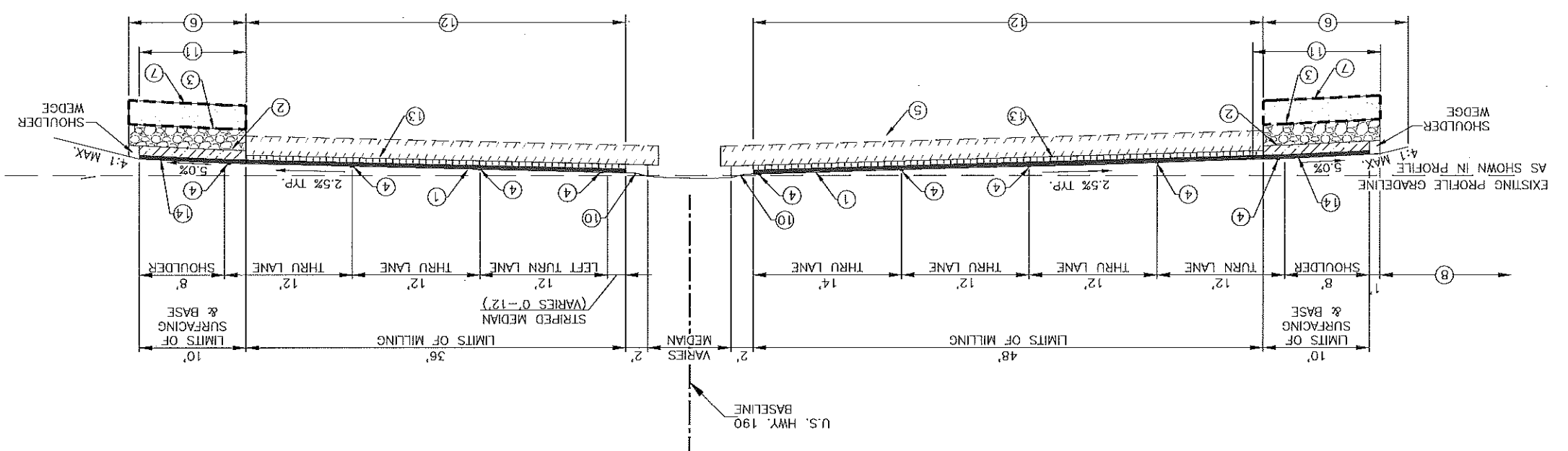
4. V:\ENGINEERING\2018\2018-04-03 150-LA-22 INTERCHANGE Dwg\0301.dwg 150-LA-22 TYPICAL ROADWAY RECORD-1 SEE REVISIONS

- ① 2" ASPHALT CONCRETE WEARING COURSE (LEVEL ?)
- ② 4" ASPHALT CONCRETE BINDER COURSE (LEVEL ?)
- ③ 12" CLASS II BASE COURSE
- ④ REQUIRED PAVEMENT STRIPING
- ⑤ EXISTING BASE AND SURFACING TO REMAIN AFTER MILLING
- ⑥ EXCAVATION AND EMBANKMENT
- ⑦ REQUIRED SUBGRADE LAYER (12" MIN.)
- ⑧ LIMITS OF HYDRO-SEEDING

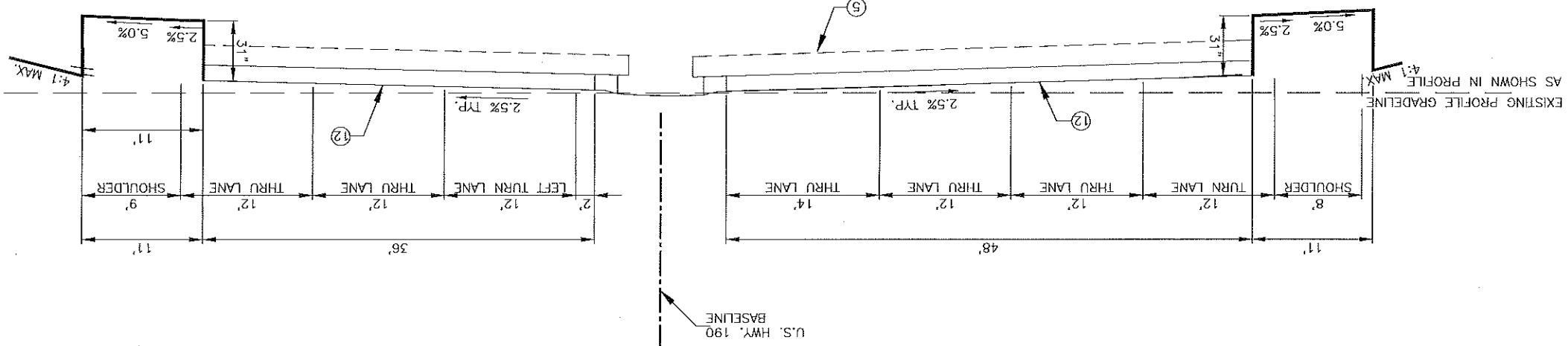
- ⑩ EXIST. CURB AND GUTTER TO REMAIN WITH EXCEPTION BETWEEN STA. 21+09 TO 24+36
- ⑪ EXIST. ASPHALT PAVEMENT TO BE REMOVED (VARIABLE THICKNESS)
- ⑫ REQUIRED MILLING TO 2" DEPTH
- ⑬ 2 1/2" ASPHALT CONCRETE BINDER COURSE (LEVEL ?)
- ⑭ 7" ASPHALT CONCRETE
- ⑮ 4 1/2" ASPHALT CONCRETE

LEGEND

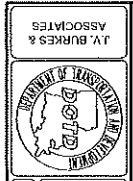
TYPICAL FINISHED SECTION
 U. S. HWY. 190
 APPLIES STA. 21+09.00 TO STA. 24+36.00
 (N.T.S.)



TYPICAL GRADING SECTION
 U. S. HWY. 190
 APPLIES STA. 21+09.00 TO STA. 24+36.00
 (N.T.S.)



90% PRELIMINARY
 "NOT FOR BIDDING, CONSTRUCTION,
 PERMITTING OR RECORDATION"



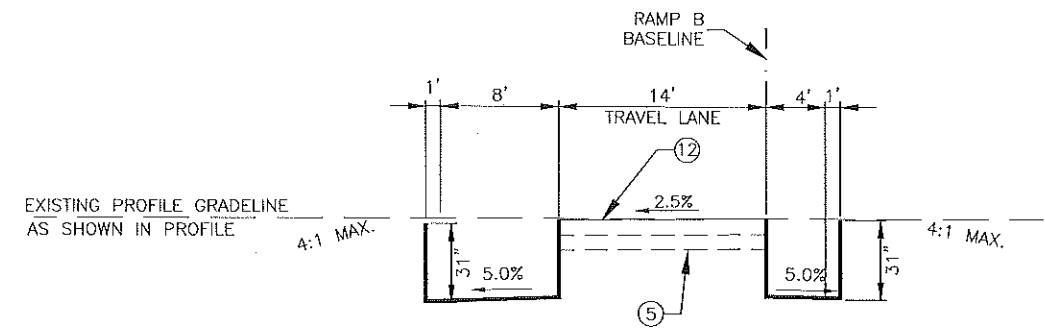
TYPICAL ROADWAY SECTIONS
 U.S. 190/LA HWY 22 IMPROVEMENTS



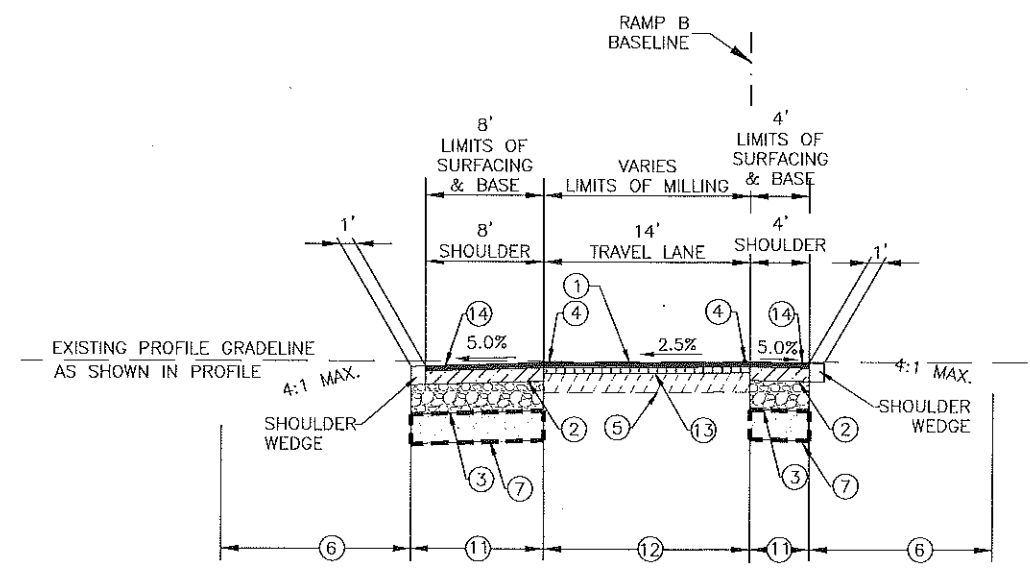
NO.	DATE	REVISION DESCRIPTION	BY

DESIGNED	CHECKED	DATE	DESIGNED	CHECKED	DATE	PROJECT	PROJECT
JMB	JMB	DEC. 2018	JMB	JMB	3 OF 10	ST. TAMMANY	H-011721

SHEET NUMBER
 2b



TYPICAL GRADING SECTION
RAMP B
APPLIES STA. 56+50.00 TO ±STA. 59+50.00
(N.T.S.)



TYPICAL FINISHED SECTION
RAMP B
APPLIES STA. 56+50.00 TO ±STA. 59+50.00
(N.T.S.)

LEGEND

- ① 2" ASPHALT CONCRETE WEARING COURSE (LEVEL ?)
- ② 4" ASPHALT CONCRETE BINDER COURSE (LEVEL ?)
- ③ 12" CLASS II BASE COURSE
- ④ REQUIRED PAVEMENT STRIPING
- ⑤ EXISTING BASE AND SURFACING TO REMAIN AFTER MILLING
- ⑥ EXCAVATION AND EMBANKMENT
- ⑦ REQUIRED SUBGRADE LAYER (12" MIN.)
- ⑧ LIMITS OF HYDRO-SEEDING
- ⑩ EXIST. CURB AND GUTTER TO REMAIN WITH EXCEPTION BETWEEN STA. 21+09 TO 24+36
- ⑪ EXIST. ASPHALT PAVEMENT TO BE REMOVED (VARIABLE THICKNESS)
- ⑫ REQUIRED MILLING TO 2" DEPTH
- ⑬ 2½" ASPHALT CONCRETE BINDER COURSE (LEVEL ?)
- ⑭ 7" ASPHALT CONCRETE
- ⑮ 4½" ASPHALT CONCRETE

90% PRELIMINARY
"NOT FOR BIDDING, CONSTRUCTION,
PERMITTING OR RECORDATION"

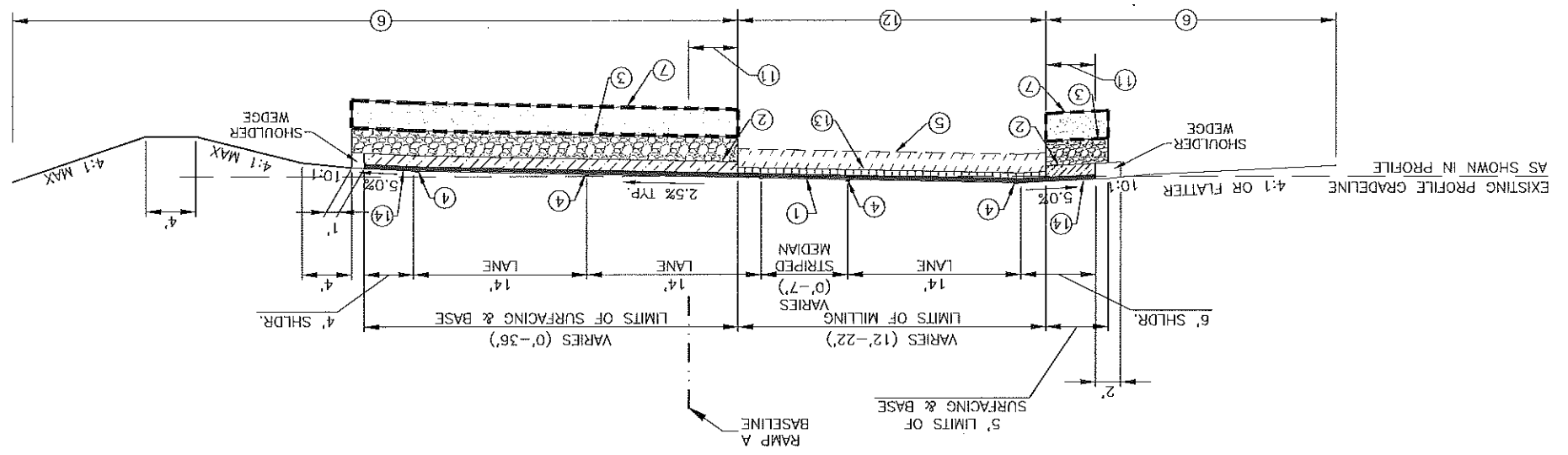
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- ① 2" ASPHALT CONCRETE WEARING COURSE (LEVEL ?)
- ② 4" ASPHALT CONCRETE BINDER COURSE (LEVEL ?)
- ③ 12" CLASS II BASE COURSE
- ④ REQUIRED PAVEMENT STRIPING
- ⑤ EXISTING BASE AND SURFACING TO REMAIN AFTER MILLING
- ⑥ EXCAVATION AND EMBANKMENT
- ⑦ REQUIRED SUBGRADE LAYER (12" MIN.)
- ⑧ LIMITS OF HYDRO-SEEDING

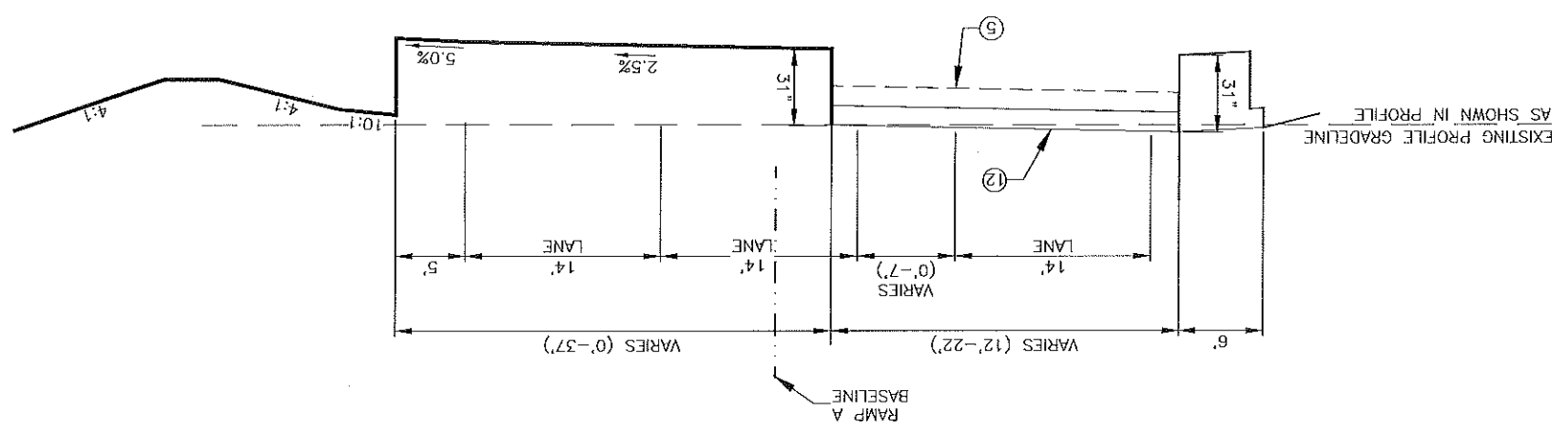
- ① EXIST. ASPHALT PAVEMENT TO BE REMOVED (VARIABLE THICKNESS)
- ② REQUIRED MILLING TO 2" DEPTH
- ③ 2 1/2" ASPHALT CONCRETE BINDER COURSE (LEVEL ?)
- ④ 7" ASPHALT CONCRETE
- ⑤ 4 1/2" ASPHALT CONCRETE

LEGEND

TYPICAL FINISHED SECTION
 RAMP A
 APPLIES STA. ±62+50.00 TO STA. ±72+50.00
 (U.T.S.)



TYPICAL GRADING SECTION
 RAMP A
 APPLIES STA. ±61+50.00 TO STA. ±72+50.00
 (U.T.S.)



90% PRELIMINARY
 "NOT FOR BIDDING, CONSTRUCTION,
 PERMITTING OR RECORDATION"





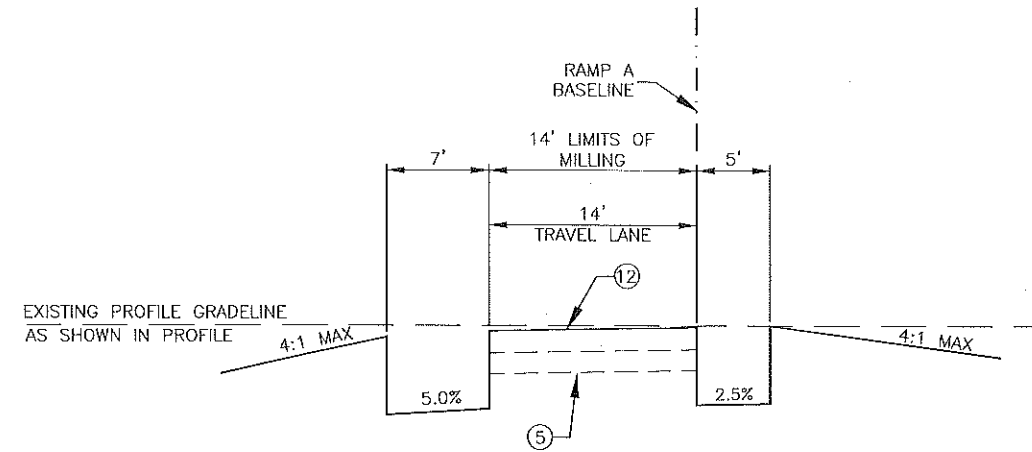
TYPICAL ROADWAY SECTIONS
 U.S. 1901LA HWY 22 IMPROVEMENTS



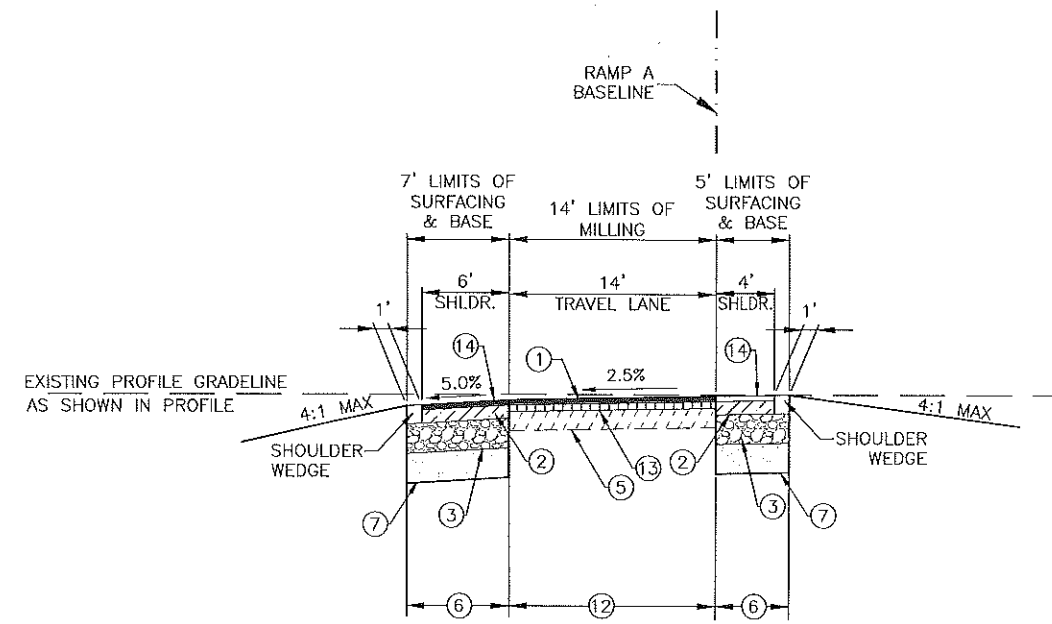
NO.	DATE	REVISION DESCRIPTION	BY

DESIGNED	CHECKED	DESIGNED	DATE	DESIGNED	PROJECT	PROJECT	PROJECT
JMB	JMB	JMB	DEC. 2018	JMB	ST. TAMMANY	H.011721	H.011721

SHEET NUMBER	2e
PARISH	ST. TAMMANY
FEDERAL PROJECT	H-011721
STATE PROJECT	H-011721
DESIGNED	JWB
CHECKED	JWB
DATE	DEC. 2018
REVISION DESCRIPTION	
NO.	
DATE	
BY	
 TYPICAL ROADWAY SECTIONS U.S. 1901A, HWY 22 IMPROVEMENTS	
 90% PRELIMINARY "NOT FOR BIDDING, CONSTRUCTION, PERMITTING OR RECORDATION" J.V. BURKES & ASSOCIATES	



TYPICAL GRADING SECTION
RAMP A
APPLIES STA. ±72+50.00 TO STA. 73+60.13
(N.T.S.)



TYPICAL FINISHED SECTION
RAMP A
APPLIES STA. ±72+50 TO STA. 73+60.13
(N.T.S.)

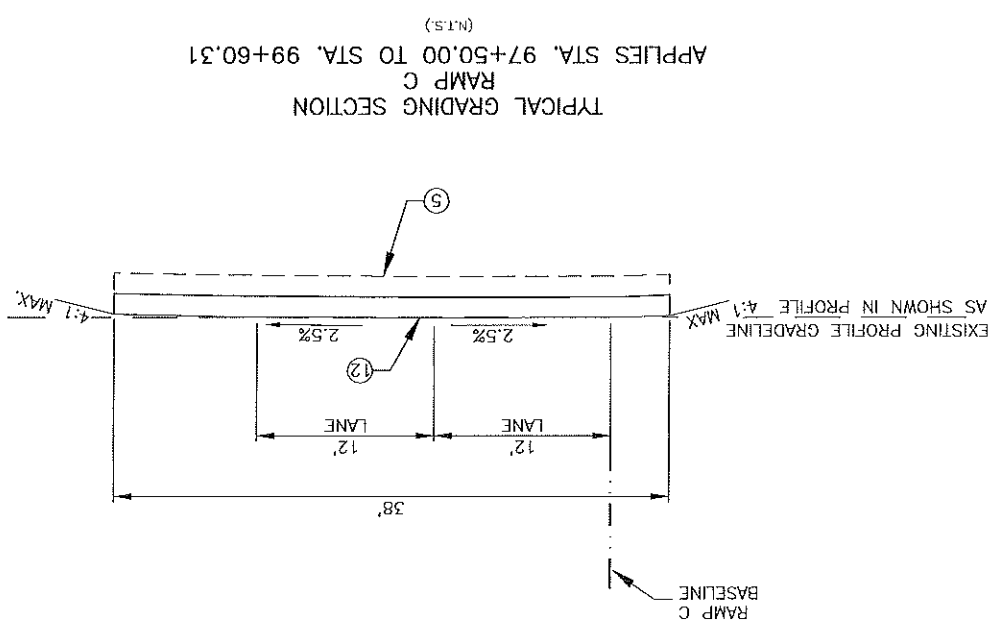
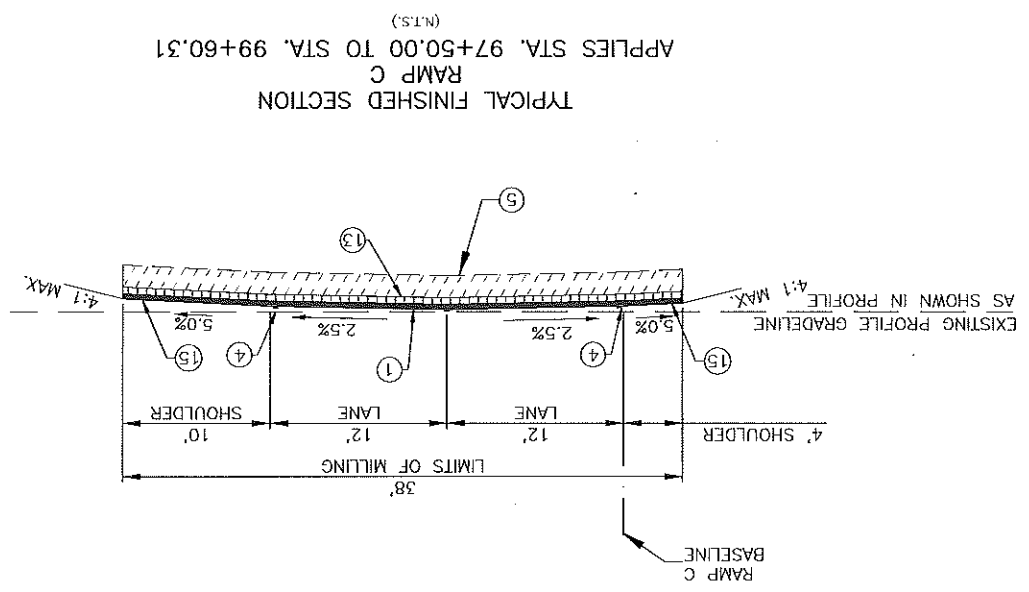
LEGEND

- ① 2" ASPHALT CONCRETE WEARING COURSE (LEVEL ?)
- ② 4" ASPHALT CONCRETE BINDER COURSE (LEVEL ?)
- ③ 12" CLASS II BASE COURSE
- ④ REQUIRED PAVEMENT STRIPING
- ⑤ EXISTING BASE AND SURFACING TO REMAIN AFTER MILLING
- ⑥ EXCAVATION AND EMBANKMENT
- ⑦ REQUIRED SUBGRADE LAYER (12" MIN.)
- ⑧ LIMITS OF HYDRO-SEEDING
- ① EXIST. ASPHALT PAVEMENT TO BE REMOVED (VARIABLE THICKNESS)
- ⑫ REQUIRED MILLING TO 2" DEPTH
- ⑬ 2½" ASPHALT CONCRETE BINDER COURSE (LEVEL ?)
- ⑭ 7" ASPHALT CONCRETE
- ⑮ 4½" ASPHALT CONCRETE

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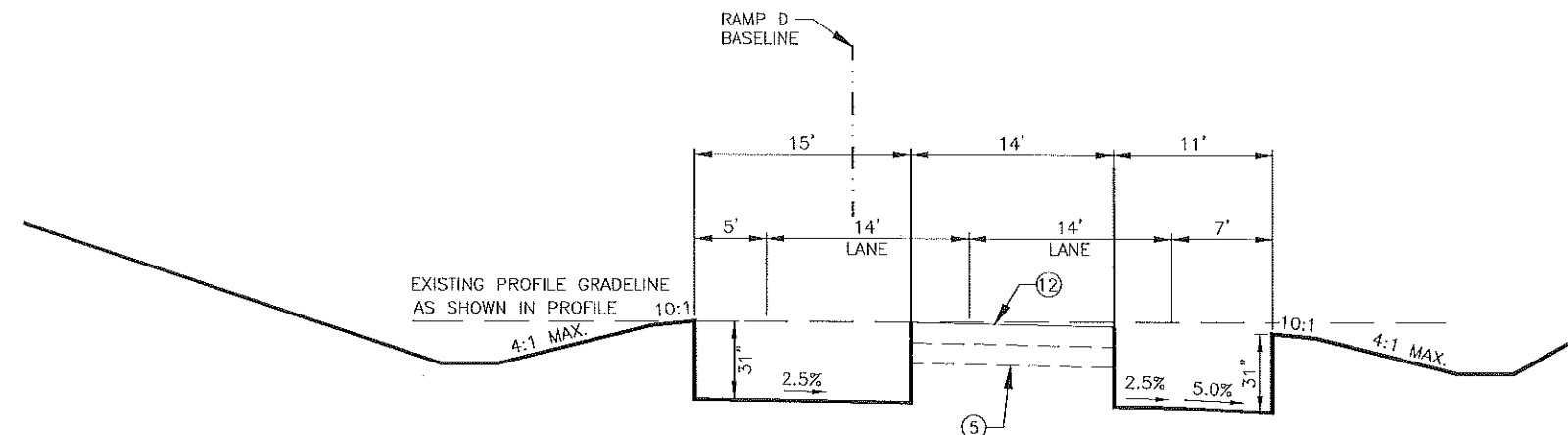
- ① 2" ASPHALT CONCRETE WEARING COURSE (LEVEL ?)
- ② 4" ASPHALT CONCRETE BINDER COURSE (LEVEL ?)
- ③ 12" CLASS II BASE COURSE
- ④ REQUIRED PAVEMENT STRIPING
- ⑤ EXISTING BASE AND SURFACING TO REMAIN AFTER MILLING
- ⑥ EXCAVATION AND EMBANKMENT
- ⑦ REQUIRED SUBGRADE LAYER (12" MIN.)
- ⑧ LIMITS OF HYDRO-SEEDING

LEGEND

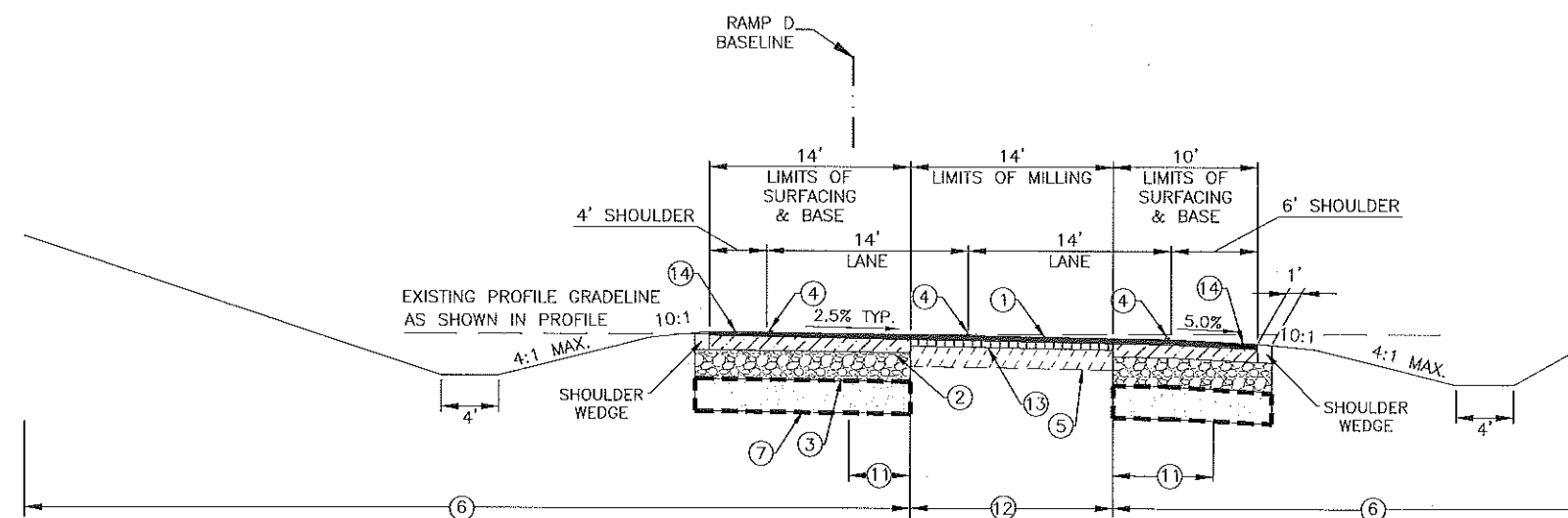


90% PRELIMINARY
"NOT FOR BIDDING, CONSTRUCTION,
PERMITTING OR RECORDATION"

U.S. 1901A, HWY 22 IMPROVEMENTS TYPICAL ROADWAY SECTIONS	ST. TAMMANY	ST. TAMMANY	ST. TAMMANY
J.V. BURKES & ASSOCIATES	JMB JMB JMB	JMB JMB JMB	JMB JMB JMB
NO. _____ DATE _____	DESIGNED CHECKED DATE _____	DESIGNED CHECKED DATE _____	DESIGNED CHECKED DATE _____
REVISION DESCRIPTION	5 OF 10	5 OF 10	5 OF 10
SHEET NUMBER 21	ST. TAMMANY H.011721	ST. TAMMANY H.011721	ST. TAMMANY H.011721



TYPICAL GRADING SECTION
RAMP D
APPLIES STA. 100+78.00 TO STA. 107+10.80
(N.T.S.)





TYPICAL FINISHED SECTION
RAMP D
APPLIES STA. 100+78.00 TO STA. 107+10.80
(N.T.S.)

LEGEND

- | | |
|---|--|
| ① 2" ASPHALT CONCRETE WEARING COURSE (LEVEL ?) | ⑪ EXIST. ASPHALT PAVEMENT TO BE REMOVED (VARIABLE THICKNESS) |
| ② 4" ASPHALT CONCRETE BINDER COURSE (LEVEL ?) | ⑫ REQUIRED MILLING TO 2" DEPTH |
| ③ 12" CLASS II BASE COURSE | ⑬ 2½" ASPHALT CONCRETE BINDER COURSE (LEVEL ?) |
| ④ REQUIRED PAVEMENT STRIPING | ⑭ 7" ASPHALT CONCRETE |
| ⑤ EXISTING BASE AND SURFACING TO REMAIN AFTER MILLING | |
| ⑥ EXCAVATION AND EMBANKMENT | |
| ⑦ REQUIRED SUBGRADE LAYER (12" MIN.) | |

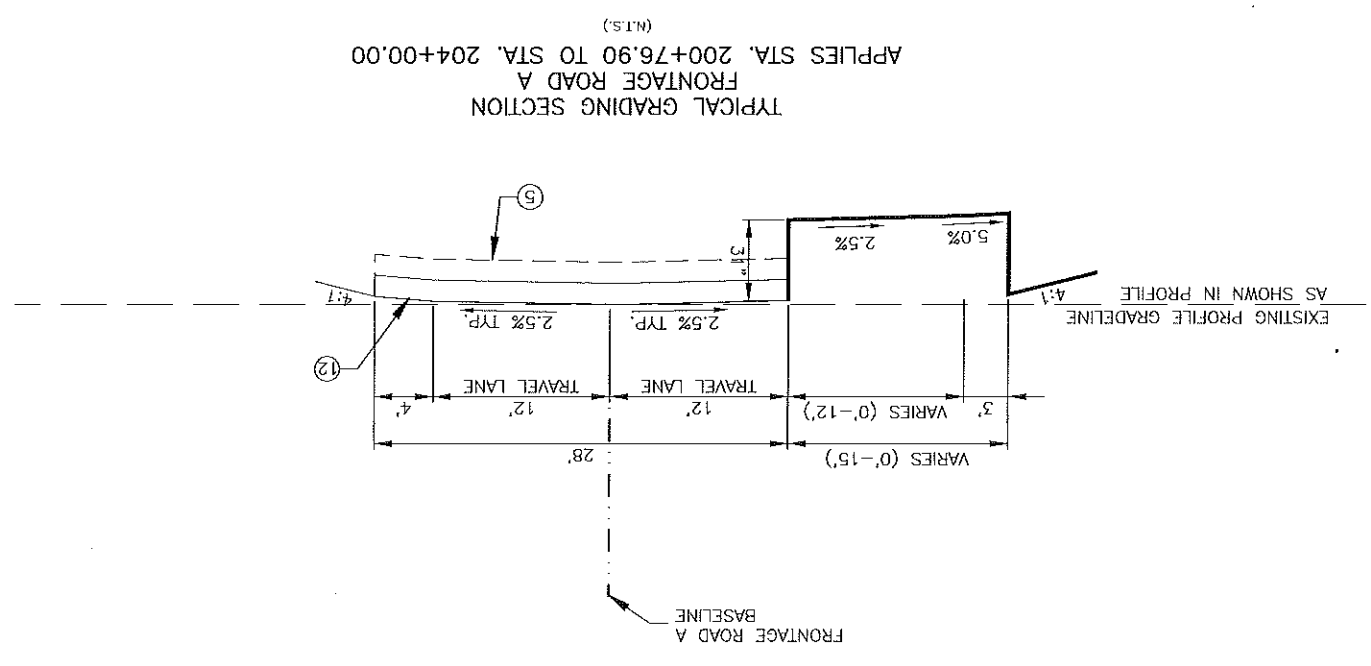
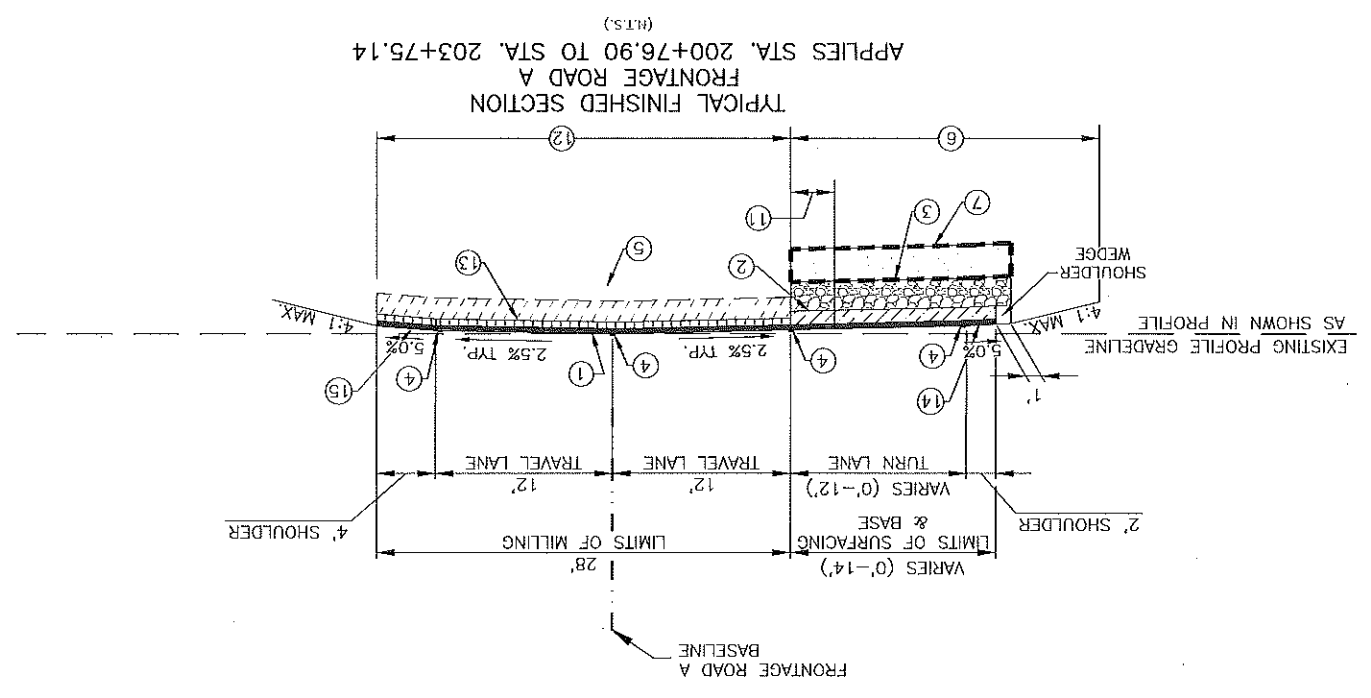
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SHEET NUMBER	2g
DESIGNED	JWB
CHECKED	JWB
DATE	DEC. 2018
REVISION	7 OF 10
PROJECT	ST. TAMMANY
FEDERAL PROJECT	H.011721
STATE PROJECT	H.011721
NO.	
DATE	
REVISION DESCRIPTION	
BY	
 TYPICAL ROADWAY SECTIONS U.S. 180/LA. HWY 22 IMPROVEMENTS	
 90% PRELIMINARY "NOT FOR BIDDING, CONSTRUCTION, PERMITTING OR RECORDATION" J.V. BURKES & ASSOCIATES	

- ① 2" ASPHALT CONCRETE WEARING COURSE (LEVEL ?)
- ② 4" ASPHALT CONCRETE BINDER COURSE (LEVEL ?)
- ③ 12" CLASS II BASE COURSE
- ④ REQUIRED PAVEMENT STRIPING
- ⑤ EXISTING BASE AND SURFACING TO REMAIN AFTER MILLING
- ⑥ EXCAVATION AND EMBANKMENT
- ⑦ REQUIRED SUBGRADE LAYER (12" MIN.)

LEGEND

- ⑪ EXIST. ASPHALT PAVEMENT TO BE REMOVED (VARIABLE THICKNESS)
- ⑫ REQUIRED MILLING TO 2" DEPTH
- ⑬ 2 1/2" ASPHALT CONCRETE BINDER COURSE (LEVEL ?)
- ⑭ 7" ASPHALT CONCRETE
- ⑮ 4 1/2" ASPHALT CONCRETE



90% PRELIMINARY
 "NOT FOR BIDDING, CONSTRUCTION,
 PERMITTING OR RECORDATION"





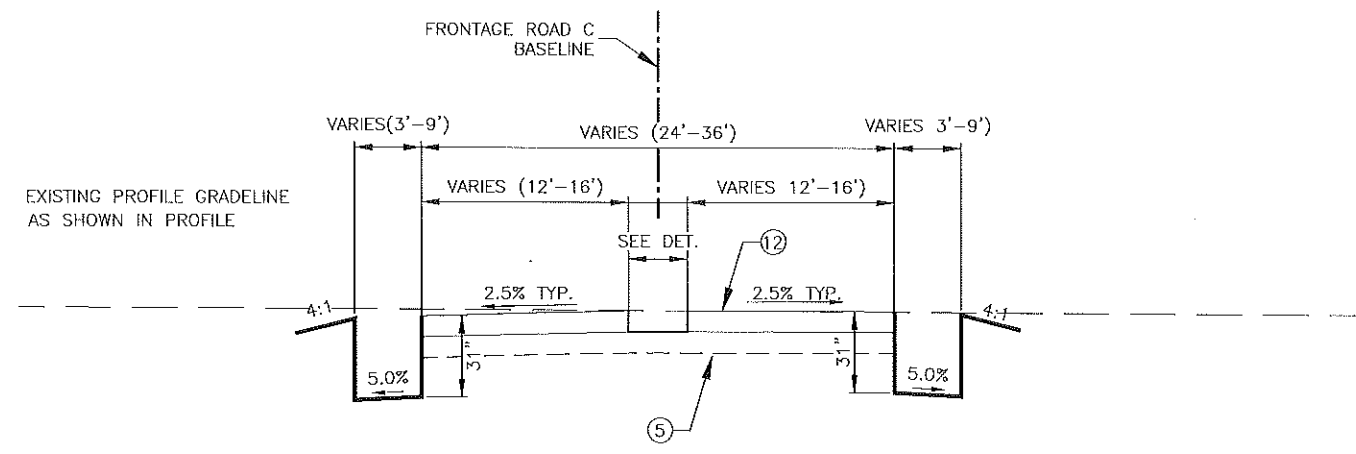
TYPICAL ROADWAY SECTIONS
 U.S. 1901A, HWY 22 IMPROVEMENTS



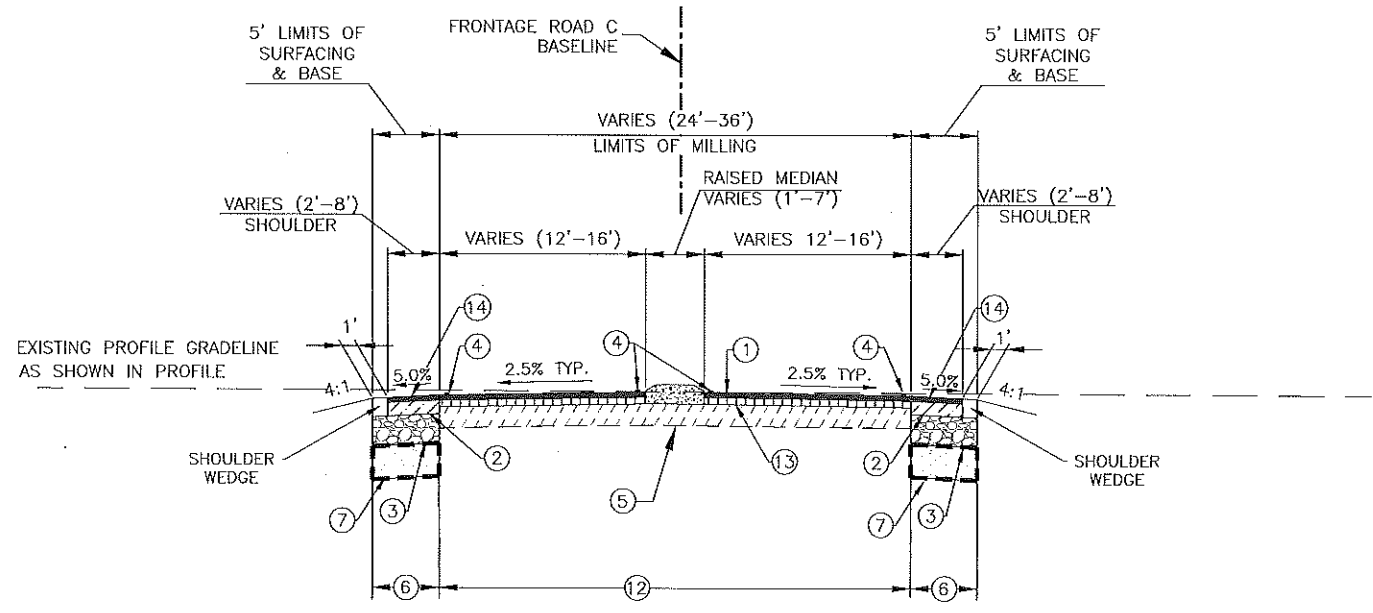
NO.	DATE	REVISION DESCRIPTION

DESIGNED	CHECKED	DATE	DESIGNED	CHECKED	DATE	PASSEY	SHEET NUMBER
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						H.011721	
						H.011721	

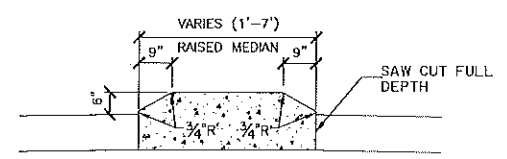
SHEET NUMBER	21
DESIGNED	JWB
CHECKED	JWB
DATE	DEC. 2018
SHEET	9 OF 10
PARISH	ST. TAMMANY
FEDERAL PROJECT	H-011721
STATE PROJECT	H-011721
BY	
REVISION DESCRIPTION	
DATE	
NO.	
	
TYPICAL ROADWAY SECTIONS U.S. 1901LA, HWY 22 IMPROVEMENTS	
	
J.V. BURKES & ASSOCIATES	



TYPICAL GRADING SECTION
FRONTAGE ROAD C
 APPLIES STA. 298+00.00 TO STA. 299+70.80
 (N.T.S.)



TYPICAL FINISHED SECTION
FRONTAGE ROAD C
 APPLIES STA. 298+00.00 TO STA. 299+70.80
 (N.T.S.)



TYPICAL RAISED MEDIAN SECTION
 N.T.S.

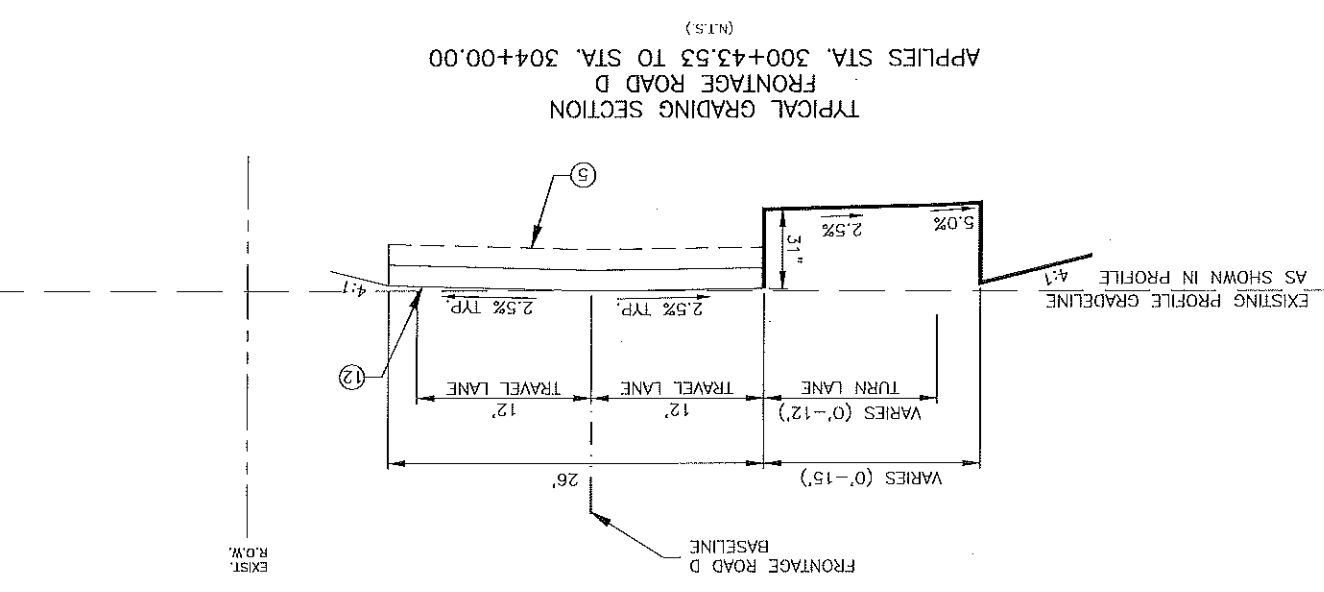
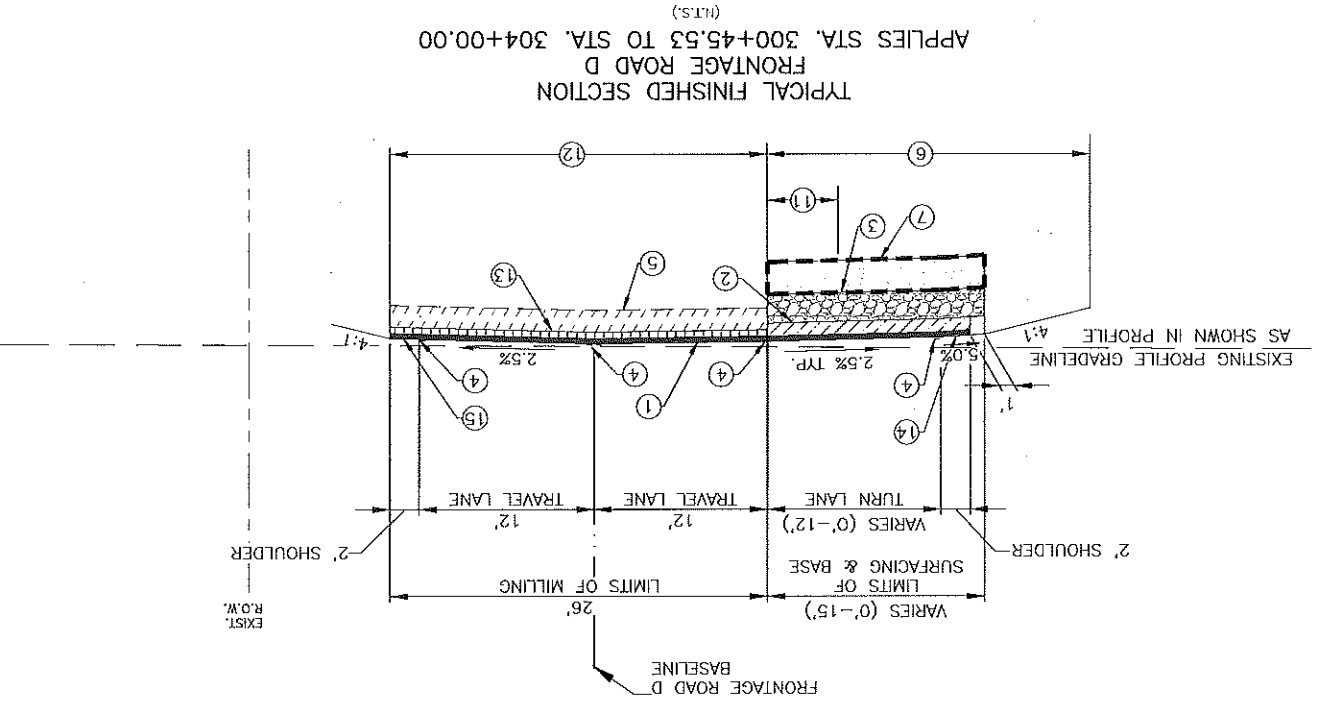
LEGEND

- ① 2" ASPHALT CONCRETE WEARING COURSE (LEVEL ?)
- ② 4" ASPHALT CONCRETE BINDER COURSE (LEVEL ?)
- ③ 12" CLASS II BASE COURSE
- ④ REQUIRED PAVEMENT STRIPING
- ⑤ EXISTING BASE AND SURFACING TO REMAIN AFTER MILLING
- ⑥ EXCAVATION AND EMBANKMENT
- ⑦ REQUIRED SUBGRADE LAYER (12" MIN.)
- ⑫ REQUIRED MILLING TO 2" DEPTH
- ⑬ 2½" ASPHALT CONCRETE BINDER COURSE (LEVEL ?)
- ⑭ 7" ASPHALT CONCRETE

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G:\VENDOR\2015\20150119-18-1A-22 INTERCHANGE\DWG\18-1A-22 TYPICAL RECD-1 90% REVIEW.dwg

- LEGEND**
- ① 2" ASPHALT CONCRETE WEARING COURSE (LEVEL ?)
 - ② 4" ASPHALT CONCRETE BINDER COURSE (LEVEL ?)
 - ③ 12" CLASS II BASE COURSE
 - ④ REQUIRED PAVEMENT STRIPING
 - ⑤ EXISTING BASE AND SURFACING TO REMAIN AFTER MILLING
 - ⑥ EXCAVATION AND EMBANKMENT
 - ⑦ REQUIRED SUBGRADE LAYER (12" MIN.)
 - ⑫ REQUIRED MILLING TO 2" DEPTH
 - ⑬ 2 1/2" ASPHALT CONCRETE BINDER COURSE (LEVEL ?)
 - ⑭ 7" ASPHALT CONCRETE
 - ⑮ 4 1/2" ASPHALT CONCRETE



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		TYPICAL ROADWAY SECTIONS U.S. 190/LA. HWY 22 IMPROVEMENTS	
NO.	DATE	REVISION DESCRIPTION	BY
DESIGNED	CHECKED	DESIGNED	CHECKED
JWB	JWB	JWB	JWB
DEC. 2018	DEC. 2018	DEC. 2018	DEC. 2018
PARISH		GENERAL PRODUCT	
ST. TAMMANY		H.011721	
STATE PROJECT		H.011721	
SHEET NUMBER		21	

EARTHWORK

STATION	STATION	GENERAL EXCAVATION CU. YDS.	EMBANKMENT CU. YDS.
LA. HWY. 22/U.S. HWY. 190			
10+50.00	27+50.00	3,425	3,680
RAMP A			
60+00.00	73+60.13	2,400	6,085
RAMP B			
56+50.00	60+00.00	554	20
RAMP C			
97+63.01	100+00.00	340	37
RAMP D			
100+00.00	113+46.29	2,690	5,300
FRONTAGE ROAD A			
100+78.00	107+10.80	490	295
FRONTAGE ROAD C			
100+78.00	107+10.80	225	180
FRONTAGE ROAD D			
100+78.00	107+10.80	402	520
TOTAL		10,526	16,117

REMOVAL OF SURFACING AND STABILIZED BASE

STATION	STATION	DESCRIPTION	LENGTH	WIDTH	SQ. YDS. REMOVAL SURF. & STAB. BASE
LA. HWY. 22/U.S. HWY. 190					
10+50.00	27+50.00	EXISTING ROADWAY	1700	VARIES	2,950
RAMP A					
60+00.00	73+60.13	EXISTING ROADWAY	1360.13	VARIES	2,095
RAMP B					
56+50.00	60+00.00	EXISTING ROADWAY	350	VARIES	907
RAMP C					
97+63.01	100+00.00	EXISTING ROADWAY	236.99	VARIES	750
RAMP D					
100+00.00	113+46.29	EXISTING ROADWAY	1346.29	VARIES	2020
FRONTAGE ROAD A					
200+00.00	203+75.14	EXISTING ROADWAY	375.14	VARIES	106
FRONTAGE ROAD C					
297+91.18	300+00.00	EXISTING ROADWAY	208.82	VARIES	211
FRONTAGE ROAD D					
300+00.00	304+00.00	EXISTING ROADWAY	400.00	VARIES	13
TOTAL					9052

SUBGRADE LAYER (12" THICK)

STATION	STATION	DESCRIPTION	LENGTH	WIDTH	CU. YD.
LA. HWY. 22/U.S. HWY. 190					
10+50.00	27+50.00	EXISTING ROADWAY	1700	VARIES	1326
RAMP A					
60+00.00	73+60.13	EXISTING ROADWAY	1360.13	VARIES	930
RAMP B					
56+50.00	60+00.00	EXISTING ROADWAY	350	VARIES	205
RAMP C					
97+63.01	100+00.00	EXISTING ROADWAY	236.99	VARIES	130
RAMP D					
100+00.00	113+46.29	EXISTING ROADWAY	1346.29	VARIES	1045
FRONTAGE ROAD A					
200+00.00	203+75.14	EXISTING ROADWAY	375.14	VARIES	190
FRONTAGE ROAD C					
297+91.18	300+00.00	EXISTING ROADWAY	208.82	VARIES	90
FRONTAGE ROAD D					
300+00.00	304+00.00	EXISTING ROADWAY	400.00	VARIES	160
TOTAL					4076

COLD PLANING ASPHALTIC PAVEMENT (2")

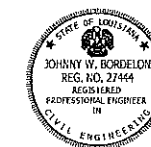
STATION	STATION	DESCRIPTION	LENGTH	WIDTH	SQ. YDS.
LA. HWY. 22/U.S. HWY. 190					
10+50.00	27+50.00	EXISTING ROADWAY	1,700	VARIES	13,248
RAMP A					
60+00.00	73+60.13	EXISTING ROADWAY	1360.13	VARIES	2444
RAMP B					
56+50.00	60+00.00	EXISTING ROADWAY	350	VARIES	660
RAMP C					
97+63.01	100+00.00	EXISTING ROADWAY	236.99	VARIES	625
RAMP D					
100+00.00	113+46.29	EXISTING ROADWAY	1346.29	VARIES	2654
FRONTAGE ROAD A					
200+00.00	203+75.14	EXISTING ROADWAY	375.14	VARIES	1065
FRONTAGE ROAD C					
297+91.18	300+00.00	EXISTING ROADWAY	208.82	VARIES	530
FRONTAGE ROAD D					
300+00.00	304+00.00	EXISTING ROADWAY	400.00	VARIES	1265
TOTAL					22,481

REMOVAL OF CURB & GUTTER

STATION	STATION	DESCRIPTION	LENGTH (L.F.)
LA. HWY. 22/U.S. HWY. 190			
14+83	16+75	REMOVE CURB & GUTTER	200
17+40	17+77	REMOVE CURB & GUTTER	50
19+92	20+42	REMOVE CURB & GUTTER	30
21+03	24+36	REMOVE CURB & GUTTER	355
RAMP A			
60+73	61+46	REMOVE CURB & GUTTER	282
RAMP B			
59+14	59+60	REMOVE CURB & GUTTER	220
RAMP C			
98+84	99+46	REMOVE CURB & GUTTER	220
RAMP D			
100+47	101+52	REMOVE CURB & GUTTER	282
TOTAL			1839

CLASS II BASE COURSE (12" THICK)

STATION	STATION	DESCRIPTION	LENGTH	WIDTH	CU. YD.
LA. HWY. 22/U.S. HWY. 190					
10+50.00	27+50.00	EXISTING ROADWAY	1700	VARIES	1326
RAMP A					
60+00.00	73+60.13	EXISTING ROADWAY	1360.13	VARIES	930
RAMP B					
56+50.00	60+00.00	EXISTING ROADWAY	350	VARIES	205
RAMP C					
97+63.01	100+00.00	EXISTING ROADWAY	236.99	VARIES	130
RAMP D					
100+00.00	113+46.29	EXISTING ROADWAY	1346.29	VARIES	1045
FRONTAGE ROAD A					
200+00.00	203+75.14	EXISTING ROADWAY	375.14	VARIES	190
FRONTAGE ROAD C					
297+91.18	300+00.00	EXISTING ROADWAY	208.82	VARIES	90
FRONTAGE ROAD D					
300+00.00	304+00.00	EXISTING ROADWAY	400.00	VARIES	160
TOTAL					4076



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STATION	STATION	DESCRIPTION	LENGTH (L.F.)
14+83	16+58	NEW CURB & GUTTER	200
17+48	17+77	NEW CURB & GUTTER	60
19+92	20+19	NEW CURB & GUTTER	30
21+08	24+36	NEW CURB & GUTTER	355
60+73	61+46	NEW CURB & GUTTER	282
59+14	59+60	NEW CURB & GUTTER	220
98+84	99+46	NEW CURB & GUTTER	220
100+47	101+52	NEW CURB & GUTTER	282
298+63	299+49	NEW CURB, GUTTER & MEDIAN	200
TOTAL			1839

CONCRETE COMBINATION CURB & GUTTER

STATION	STATION	LENGTH	WIDTH	DEPTH (INCHES)	TONS
10+50.00	27+50.00	1,700	VARIES	2 1/2"	50,703
LA. HWY. 22/U.S. HWY. 190					
60+00.00	73+60.13	1360.13	VARIES	2 1/2"	9,553
RAMP A					
56+50.00	60+00.00	350	VARIES	2 1/2"	2,474
RAMP B					
97+63.01	100+00.00	236.99	VARIES	2 1/2"	2,383
RAMP C					
100+00.00	113+46.29	1346.29	VARIES	2 1/2"	10,167
RAMP D					
200+00.00	203+75.14	375.14	VARIES	2 1/2"	4,077
FRONTAGE ROAD A					
297+91.18	300+00.00	208.82	VARIES	2 1/2"	2,022
FRONTAGE ROAD C					
300+00.00	304+00.00	400.00	VARIES	2 1/2"	4,844
FRONTAGE ROAD D					
TOTAL					86,013

ASPHALTIC CONCRETE PAVEMENT BINDER COURSE

STATION	STATION	LENGTH	WIDTH	DEPTH (INCHES)	CU.YD.
10+50.00	27+50.00	1,700	VARIES	4"	10
LA. HWY. 22/U.S. HWY. 190					
60+00.00	73+60.13	1360.13	VARIES	4"	30
RAMP A					
56+50.00	60+00.00	350	VARIES	4"	20
RAMP B					
97+63.01	100+00.00	236.99	VARIES	4"	30
RAMP C					
100+00.00	113+46.29	1346.29	VARIES	4"	40
RAMP D					
200+00.00	203+75.14	375.14	VARIES	4"	0
FRONTAGE ROAD A					
297+91.18	300+00.00	208.82	VARIES	4"	10
FRONTAGE ROAD C					
300+00.00	304+00.00	400.00	VARIES	4"	0
FRONTAGE ROAD D					
TOTAL					140

P.C. CONCRETE INCIDENTAL PAVEMENT (4" THICK)

STATION	STATION	LENGTH	WIDTH	DEPTH (INCHES)	TONS
10+50.00	27+50.00	1,700	VARIES	5"	30,462
LA. HWY. 22/U.S. HWY. 190					
60+00.00	73+60.13	1360.13	VARIES	5"	21,356
RAMP A					
56+50.00	60+00.00	350	VARIES	5"	4,681
RAMP B					
97+63.01	100+00.00	236.99	VARIES	5"	3,005
RAMP C					
100+00.00	113+46.29	1346.29	VARIES	5"	23,942
RAMP D					
200+00.00	203+75.14	375.14	VARIES	5"	4,328
FRONTAGE ROAD A					
297+91.18	300+00.00	208.82	VARIES	5"	2,005
FRONTAGE ROAD C					
300+00.00	304+00.00	400.00	VARIES	5"	3,573
FRONTAGE ROAD D					
TOTAL					93,342

ASPHALTIC CONCRETE PAVEMENT BINDER COURSE

STATION	STATION	LENGTH	WIDTH	DEPTH (INCHES)	TONS
10+50.00	27+50.00	1,700	VARIES	2"	53,371
LA. HWY. 22/U.S. HWY. 190					
60+00.00	73+60.13	1360.13	VARIES	2"	16,215
RAMP A					
56+50.00	60+00.00	350	VARIES	2"	3,898
RAMP B					
97+63.01	100+00.00	236.99	VARIES	2"	3,146
RAMP C					
100+00.00	113+46.29	1346.29	VARIES	2"	17,913
RAMP D					
200+00.00	203+75.14	375.14	VARIES	2"	5,053
FRONTAGE ROAD A					
297+91.18	300+00.00	208.82	VARIES	2"	2,448
FRONTAGE ROAD C					
300+00.00	304+00.00	400.00	VARIES	2"	5,367
FRONTAGE ROAD D					
TOTAL					107,410

ASPHALTIC CONCRETE PAVEMENT WEARING COURSE

U.S. 190LA HWY 22 IMPROVEMENTS

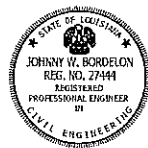
SUMMARY SHEET

NO.	DATE	REVISED	BY	DESCRIPTION

DESIGNED	CHECKED	DATE	BY	DESCRIPTION
JWB	JWB	DEC 2018		

PARISH	FEDERAL PROJECT	STATE PROJECT	SHEET NUMBER
ST. TAMMANY	H.011721	H.011721	30

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SAW CUTTING ASPHALTIC CONCRETE PAVEMENT

STATION	STATION	LOCATION	LENGTH (IN FT.)
L.A. HWY. 22/U.S. HWY. 190			
11+60	26+50	WEST BOUND-NORTH SIDE	1502
11+60	26+50	WEST BOUND-SOUTH SIDE	1356
11+64	26+50	EAST BOUND-NORTH SIDE	1382
11+64	26+50	EAST BOUND-SOUTH SIDE	1490
11+60	11+60	WEST BOUND-BEGIN STATION	50
26+50	26+50	WEST BOUND-END STATION	48
11+64	11+64	EAST BOUND-BEGIN STATION	45
26+50	26+50	EAST BOUND-END STATION	48
			5921
RAMP A			
60+45	73+60.13	WEST SIDE	1400
60+45	73+60.13	EAST SIDE	1320
60+45	60+45	BEGIN STATION (MEDIAN)	242
73+60.13	73+60.13	END STATION	15
			2977
RAMP B			
56+50	59+55	WEST SIDE	426
56+50	59+55	EAST SIDE	326
56+50	56+50	BEGIN STATION	15
59+55	59+55	END STATION (MEDIAN)	320
			1086
RAMP C			
97+63.01	99+69	WEST SIDE	210
97+63.01	99+69	EAST SIDE	272
97+63.01	97+63.01	BEGIN STATION	25
99+69	99+69	END STATION (MEDIAN)	407
			914
RAMP D			
100+43	113+46.29	WEST SIDE	1305
100+43	113+46.29	EAST SIDE	1392
100+43	100+43	BEGIN STATION (MEDIAN)	320
113+46.29	113+46.29	END STATION	15
			3032
FRONTAGE ROAD A			
200+53	203+75.14	NORTH SIDE	381
200+53	203+75.14	SOUTH SIDE	304
200+53	200+53	BEGIN STATION	100
203+75.14	203+75.14	END STATION	23
			808
FRONTAGE ROAD C			
297+91.18	299+46	NORTH SIDE	140
297+91.18	299+46	SOUTH SIDE	235
297+91.18	297+91.18	BEGIN STATION	25
299+46	299+46	END STATION	97
			497
FRONTAGE ROAD D			
300+44	304+00.00	NORTH SIDE	403
300+44	304+00.00	SOUTH SIDE	337
300+44	300+44	BEGIN STATION	80
300+00.00	304+00.00	END STATION	25
			845
TOTAL			16,080

DESIGNED	JWB	CHECKED	JWB	REVIEWED	JWB	DATE	DEC. 2018	SHEET	3 OF 3
PARISH		FEDERAL PROJECT		STATE PROJECT		ST. TAMMANY			
REVISION DESCRIPTION		H.011721		H.011721		H.011721			
SUMMARY SHEET U.S. 190/LA. HWY 22 IMPROVEMENTS									
J.V. BURKES & ASSOCIATES									

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ST. TAMMANY PARISH UTILITIES CONTACT LIST

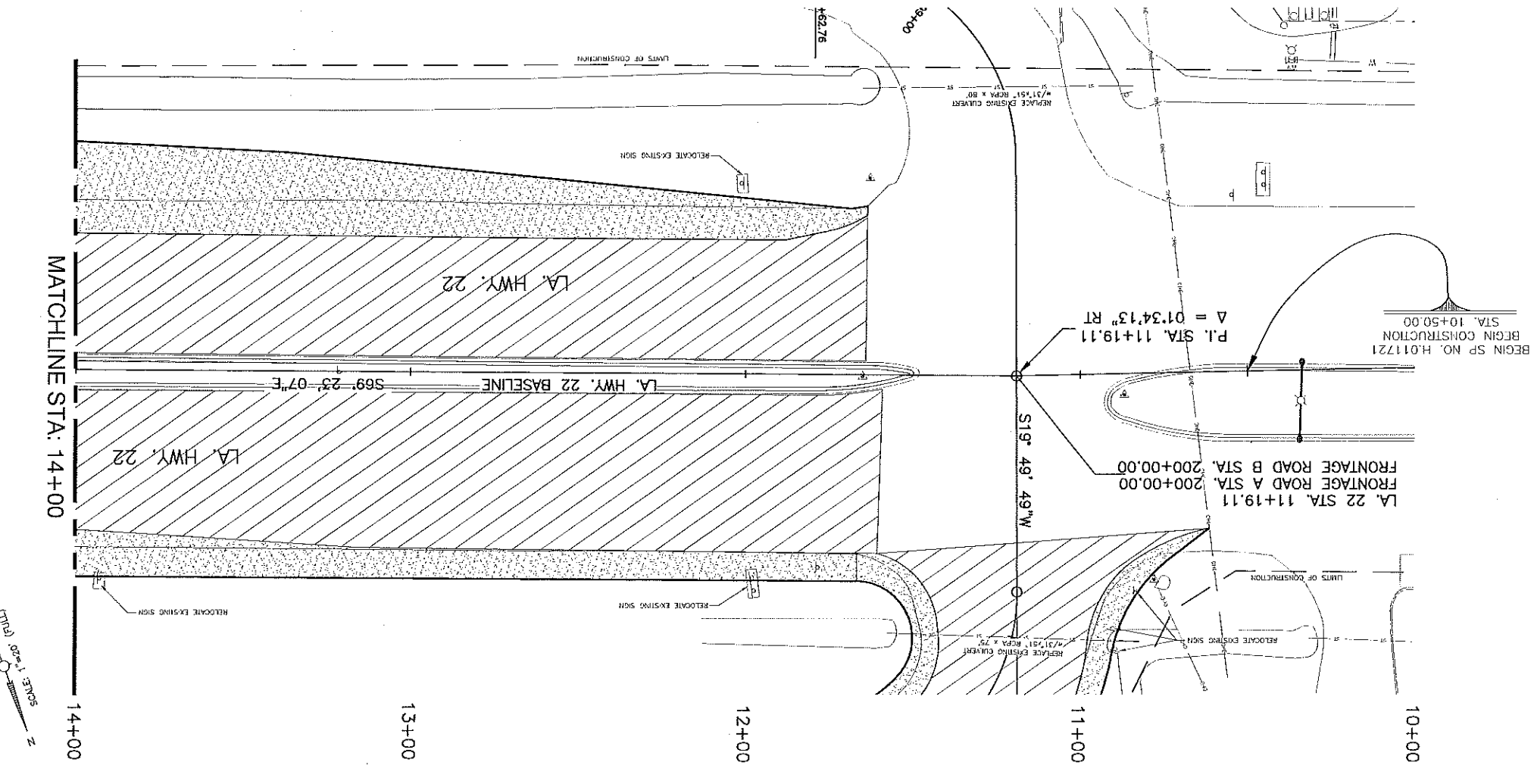
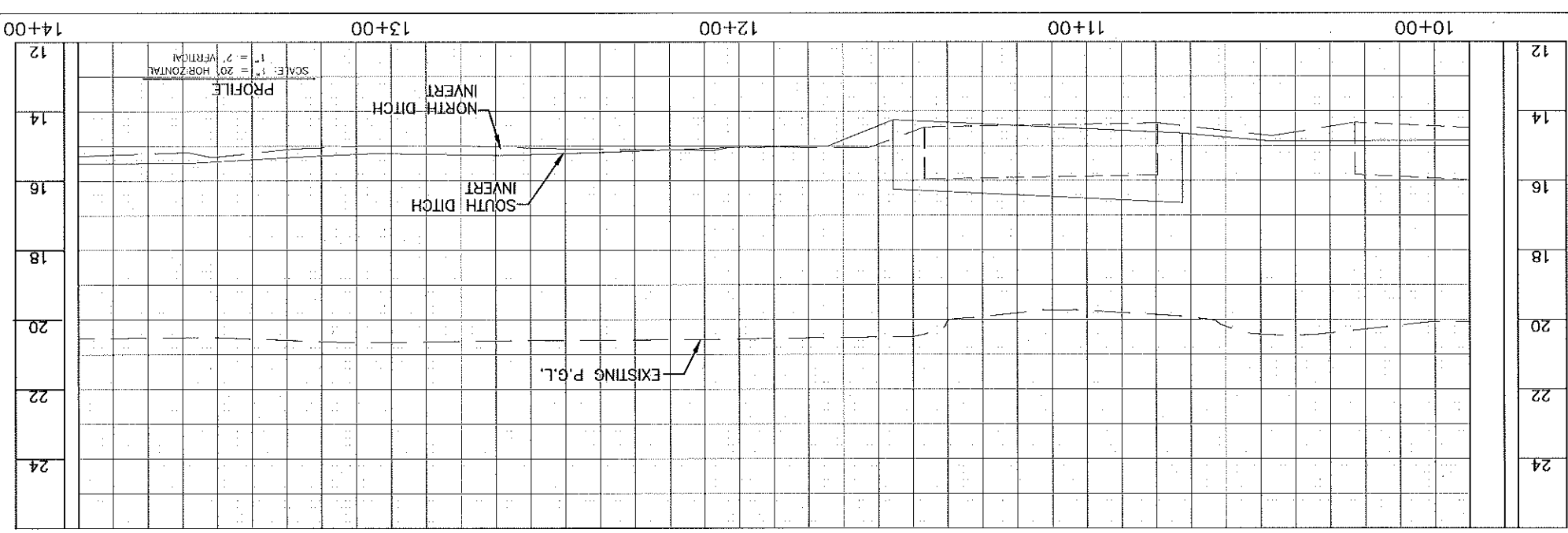
UTILITY	OWNER	CONTACT	TELEPHONE
ELECTRIC	CELECO		
GAS	AMOS ENERGY		
TELEPHONE	AIRT		
CABLE	CHARTER		
SEWERY	CITY OF MADEVILLE		
WATER	CITY OF MADEVILLE		
LOUISIANA ONE CALL			(800) 984-4274 OR 811

THE LOCATIONS OF UNDERGROUND UTILITIES AS SHOWN HEREON ARE BASED ON ABOVEGROUND STRUCTURES AND RECORD DRAWINGS PROVIDED BY THE SURVEYOR. ABOVEGROUND UTILITIES OR STRUCTURES MAY VARY FROM LOCATIONS SHOWN HEREON. ADDITIONAL BUREAU UTILITIES OR STRUCTURES MAY BE ENCOUNTERED. NO EXCAVATIONS WERE MADE DURING THE PROGRESS OF THIS SURVEY TO LOCATE BURRED UTILITIES OR STRUCTURES.

LOUISIANA ONE CALL TICKET #S:
 140221341, 140228319, 140228392, 140221325 & 140221338

- ### LEGEND - REQUIRED WORK
- [Hatched] EXISTING ASPHALTIC CONCRETE & STABILIZED BASE TO BE REMOVED
 - [Dotted] REQUIRED CONCRETE PAVEMENT
 - [Stippled] REQUIRED SURFACING & BASE
 - [Diagonal Lines] REQUIRED 2" MILL & 4% ASPHALT CONCRETE PAVEMENT OVERLAY

- ### LEGEND - EXISTING TOPOGRAPHY
- [Symbol] DRAIN INLET (20')
 - [Symbol] DRAIN INLET (30')
 - [Symbol] DRAIN BASIN
 - [Symbol] CATCH PEDestal
 - [Symbol] CABLE PEDestal
 - [Symbol] TRAFFIC SIGNAL SUPPORT POLE
 - [Symbol] SIGNAL BOX
 - [Symbol] SEWER MANHOLE
 - [Symbol] SEWER CLEANOUT
 - [Symbol] SEWER VALVE
 - [Symbol] WATER WASHOFF
 - [Symbol] WATER METER
 - [Symbol] GUARD PILL
 - [Symbol] OBSERVATION WELL
 - [Symbol] ACCESSIBLE PARKING SPACE
 - [Symbol] FIRE HYDRANT
 - [Symbol] SHUTOFF VALVE
 - [Symbol] IRRIGATION CONTROL VALVE
 - [Symbol] GAS METER
 - [Symbol] GAS VALVE
 - [Symbol] ELECTRIC BOX
 - [Symbol] UNDERGROUND ELECTRIC BOX
 - [Symbol] POWER POLE
 - [Symbol] LIGHT STANDARD
 - [Symbol] ANCHOR
 - [Symbol] ELECTRIC OUTLET
 - [Symbol] ELECTRIC PANEL BOX
 - [Symbol] ELECTRIC CONTROL
 - [Symbol] TELEPHONE MANHOLE
 - [Symbol] TELEPHONE PEDestal
 - [Symbol] UNDERGROUND TELEPHONE BOX
 - [Symbol] UNDERGROUND TELEPHONE LINE
 - [Symbol] OVERHEAD ELECTRIC LINE
 - [Symbol] UNDERGROUND ELECTRIC LINE
 - [Symbol] DRAIN LINE
 - [Symbol] SEWER LINE
 - [Symbol] WATER LINE
 - [Symbol] GAS LINE
 - [Symbol] FENCE



STATE OF LOUISIANA

DEPARTMENT OF TRANSPORTATION AND PARISH AND TERRITORY ASSOCIATES

PLAN AND PROFILE SHEETS

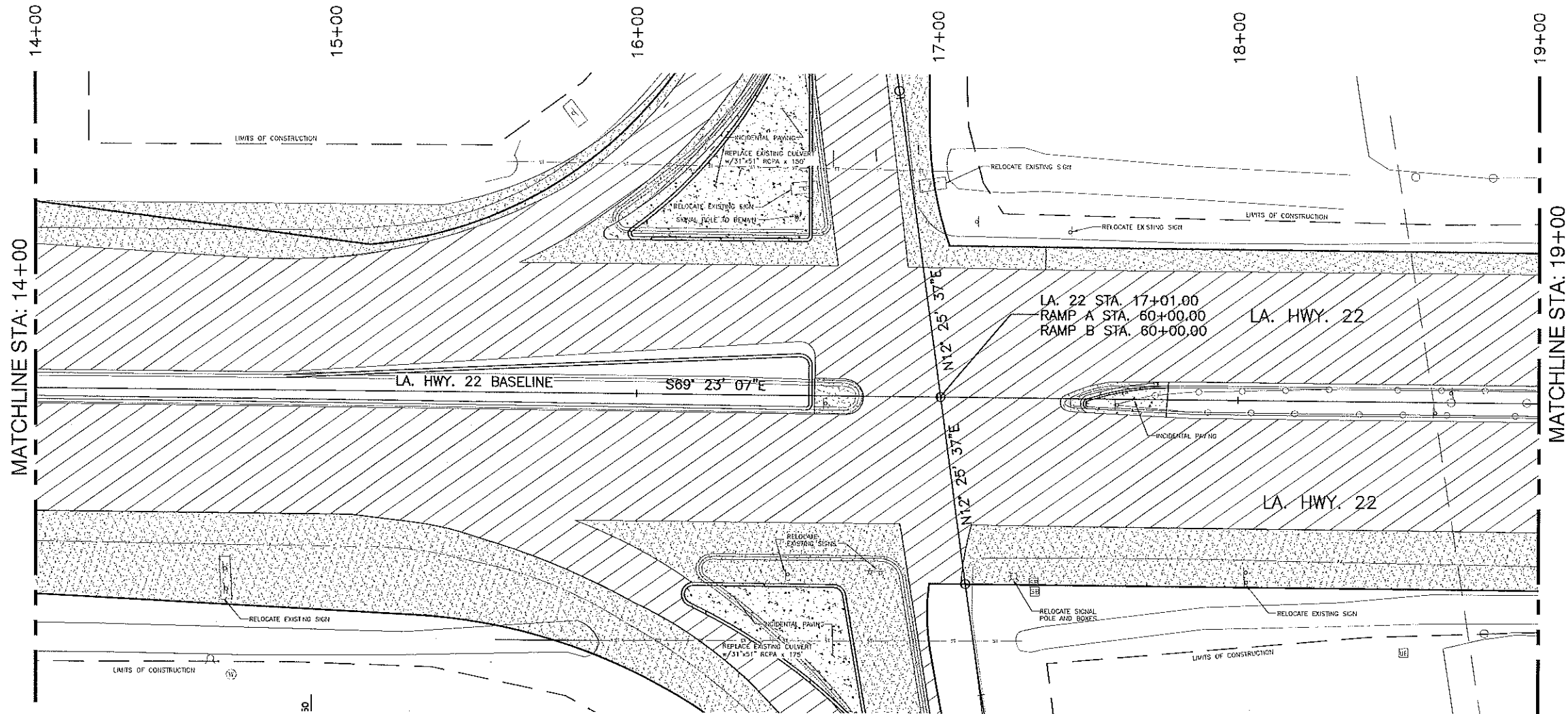
U.S. 190/4A HWY 22 IMPROVEMENTS

NO.	DATE	REVISION DESCRIPTION

DESIGNED	JMB	CHECKED	JMB
DRAWN	JMB	CHECKED	JMB
DATE	DEC. 2018	DATE	3 OF 17

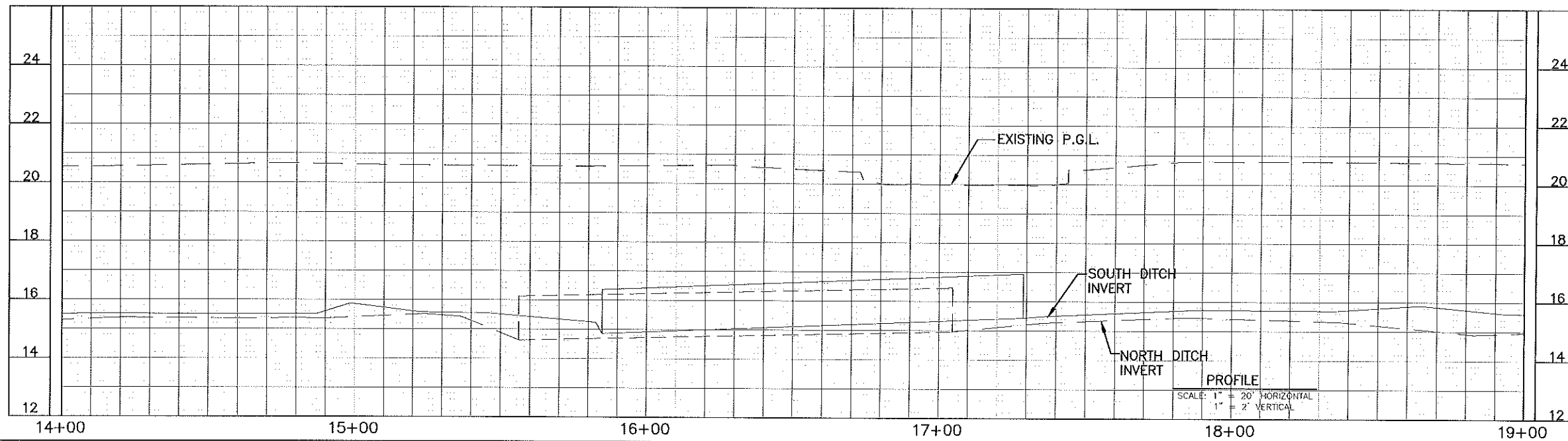
PARISH	ST. TAMMANY
TITLE	H.011721
DATE	H.011721

SHEET NUMBER 4





90% PRELIMINARY

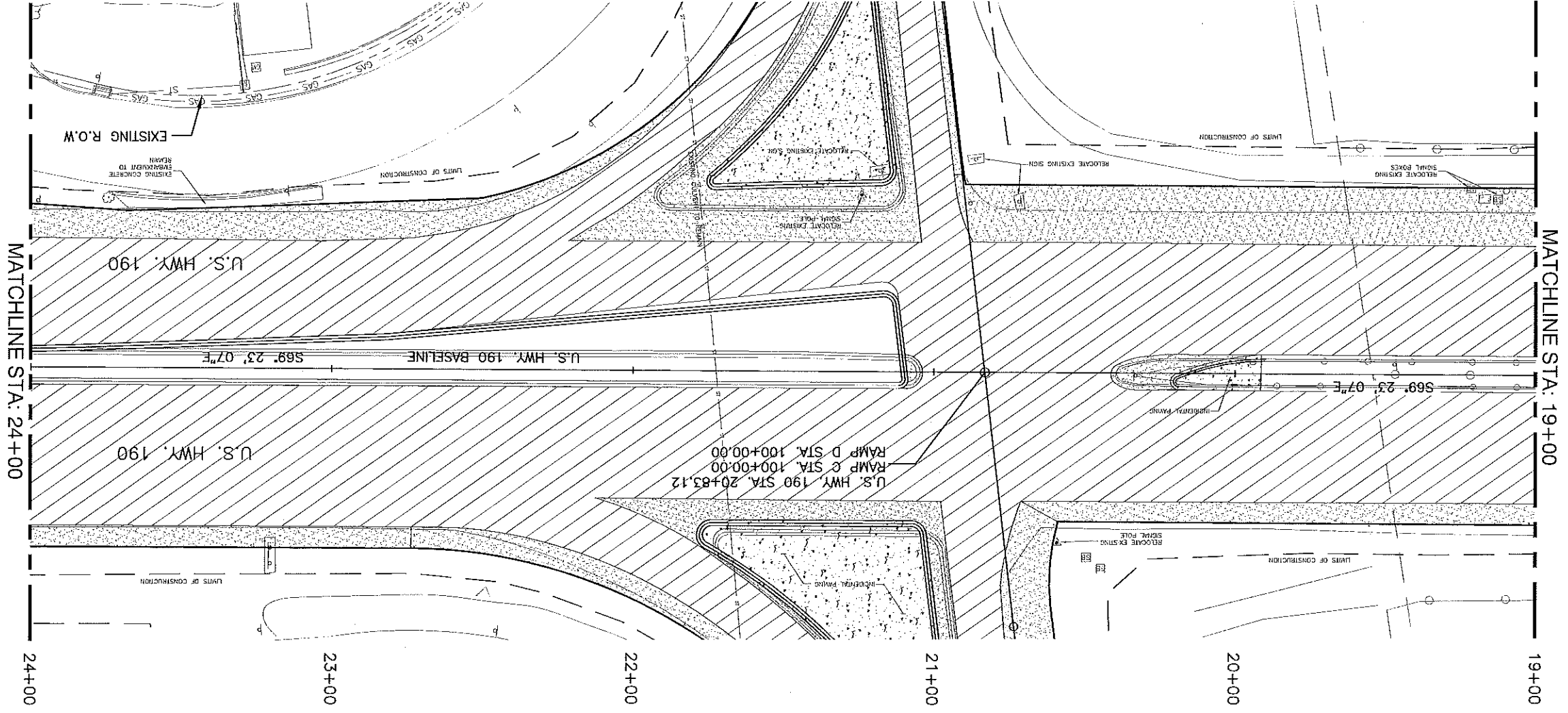
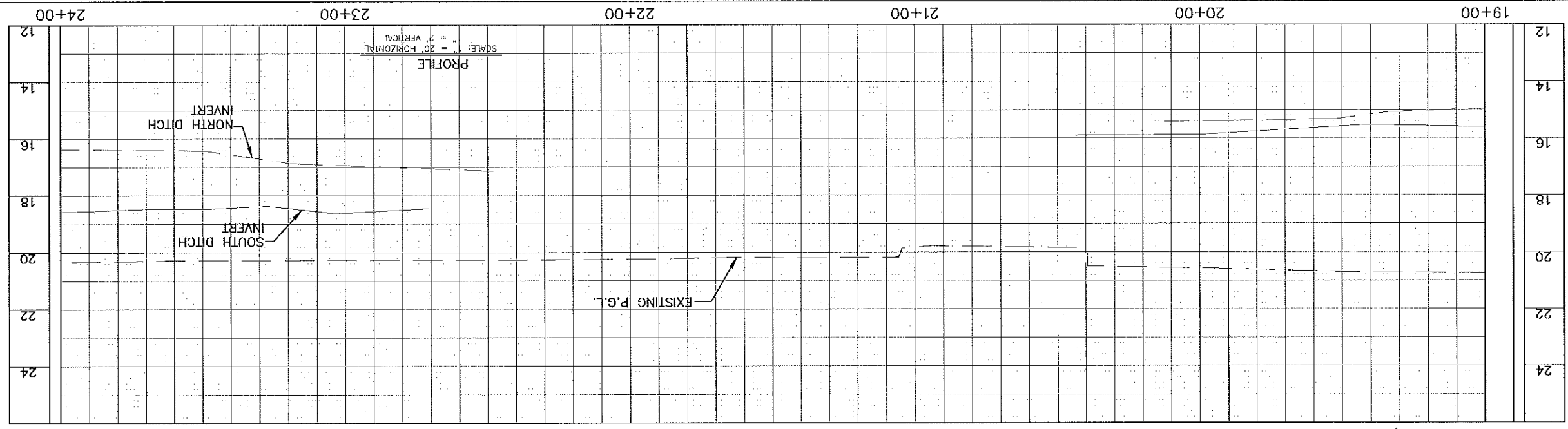
"NOT FOR BIDDING, CONSTRUCTION, PERMITTING OR RECORDATION"


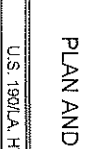



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SHEET NUMBER		5	
DESIGNED		ST. TAMMANY	
CHECKED		H.011721	
DRAWN		H.011721	
DATE		DEC. 2016	
SHEET		4 OF 17	
REVISION DESCRIPTION			
NO.	DATE	BY	
			
PLAN AND PROFILE SHEETS U.S. 190/LA. HWY 22 IMPROVEMENTS			
			
J.V. BURKES & ASSOCIATES			

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 PERMITTING OR RECORDATION"



 J.V. BURKES & ASSOCIATES	 DEPARTMENT OF TRANSPORTATION DOT	PLAN AND PROFILE SHEETS U.S. 190/LA HWY 22 IMPROVEMENTS	 STATE OF LOUISIANA	NO. _____ DATE _____ REVISION DESCRIPTION BY _____	DESIGNED: JWB CHECKED: JWB DRAWN: JWB DATE: DEC. 2018 SHEET: 5 OF 17	PARISH: ST. TAMMANY FEDERAL PROJECT: H-011721 STATE PROJECT: H-011721	SHEET NUMBER: 6
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