BOBBY JINDAL
GOVERNOR

STATE OF LOUISIANA
DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT
P.O. Box 94245
Baton Rouge, Louisiana 70804-9245
www.dotd.la.gov
225-379-1485

WILLIAM D. ANKNER, Ph.D.
SECRETARY

October 23, 2008

STATE PROJECT NO. 810-26-0019
LA 27 – LA 378
ROUTE LA 379
CALCASIEU PARISH

SUBJECT: ADDENDUM NO. 1 (CONSTRUCTION PROPOSAL REVISION)
ELECTRONIC BIDDING AMENDMENT NO. 1

Gentlemen:

Attached are the construction proposal revisions dated 10/23/08 on the captioned project for which bids will be received on Wednesday, November 12, 2008.

The following changes have been made:

1. Plan Revision No. 1. (31 pages)
2. Revised the quantity for items 401-02, 509-01, 509-02, 510-01-B, 713-03-A, 713-03-B, 713-04-A, and 713-05-D in the Schedule of Items. (7 pages)

Please note these revisions and substitute the construction proposal returnables (J-1 thru J-7) in the proposal previously furnished you and bid accordingly. If bidding electronically, all amendments must be downloaded to this project prior to placing the on-line bid with Bid Express.

Very truly yours,

Edwin Santos

for RANDAL D. SANDERS, P. E.
CONTRACTS & SPECIFICATIONS ENGINEER

Attachments
pc: Mr. Brian Buckel
Mr. R.H. Hennigan
Mr. Don Duberville
Ms. Anna Hanks
Mr. Masood Rasoulian

STATE OF LOUISIANA
DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

PLANS OF PROPOSED

STATE HIGHWAY

STATE PROJECT NO 810-26-0019
LA 27 - LA 378
CALCASIEU PARISH
ROUTE LA 379

TITLE SHEET

DESIGNED	CHECKED	DRAWN	CHECKED	DATE	SHEET	STATE PROJECT
PD	PD	CALCASIEU		08-06-08	1 OF 1	810-26-0019

VICINITY MAP

EXCEPTION: 10' RR X-ING
RR # 329-372-F
STA. 225+88 - 225+98
SOUTHERN GULF RAILWAY COMPANY
TIBR HOUSTON RIVER ROAD
TELEPHONE: 1-866-386-9321

C.S.L.M. 7.210
STA. 528+81
END SP. 810-26-0019

C.S.L.M. 0.00
STA. 20+00
BEG. SP. 810-26-0019

RR # 329-371-Y
STA. 141+65 - 141+75
KANSAS CITY SOUTHERN
TELEPHONE: 1-877-527-9464

PATRICK J. LANDRY
REG. No. 23442
REGISTERED
PROFESSIONAL ENGINEER
IN
CIVIL ENGINEERING
STATE OF LOUISIANA

RECOMMENDED FOR APPROVAL
DISTRICT DESIGN/WATER RESOURCES
AND DEVELOPMENT ENGINEER
DATE 8/11/2008

DISTRICT ADMINISTRATOR
DATE 8-11-08

APPROVED
CHIEF ENGINEER
DATE 10-3-08

NOTE:
THE 2006 LOUISIANA DOTD
STANDARD SPECIFICATIONS FOR ROADS AND
BRIDGES, AS AMENDED BY THE PROJECT
SPECIFICATIONS, SHALL GOVERN ON THIS PROJECT

TRAFFIC DATA
2008 ADT = 5,200
2018 ADT = 5,800
D = 55%
K = 10%
T = 5%

TYPE OF CONSTRUCTION : COLD PLANE AND OVERLAY

SCHEDULE OF REVISIONS

NO.	REVISION	DATE	RECOMMENDED	DATE	APPROVED
1	All sheets	10/16/08		10-17-08	

STANDARD PLANS TO BE USED ON THIS PROJECT

STD. PLAN	REV. DATE
DW-04	09-16-82
MB-01	01-14-92
PM-01	01-21-98
HS-03	01-03-05

R:\Projects\07-PAVE PRESV PROG\Non-Interstate\810-26-0019\810-26-0019Drawing Files\N810-26-0019 Title Sheet1.dgn
06-AUG-2008 09:30

NO	DATE	REVISION DESCRIPTION	BY

INDEX TO SHEETS

LA 379

DESIGNED	D.C.
CHECKED	P.L.
DETAILED	D.C.
CHECKED	P.L.
DATE	08-06-08
SHEET	1 OF 1

PARISH	CALCASIEU
FEDERAL PROJECT	
STATE PROJECT	810-26-0019

SHEET NUMBER 2

INDEX TO SHEETS

SHEET NO.	DESCRIPTION
1	TITLE SHEETS
2	INDEX TO SHEETS
3-4	CONSTRUCTION NOTES
5-16	TYPICAL SECTIONS AND DETAILS
17-19	CURVE AND SUPERELEVATION DATA
20-26	SUMMARY SHEETS
27-28	SUMMARY OF ESTIMATED QUANTITIES
29-34	TRAFFIC CONTROL DETAILS
35-36	SOIL BORING DATA

NO	DATE	REVISION DESCRIPTION	BY

CONSTRUCTION NOTES

LA 379

DESIGNED	P.L.F.	SHEET	1 OF 2
CHECKED	D.D.	DATE	06-19-08
DETAILED	D.C.	CHECKED	P.L.
CHECKED	P.L.	FEDERAL PROJECT	
PARISH	CALCASIEU	STATE PROJECT	810-26-0019

SHEET NUMBER 3

CONSTRUCTION NOTES

A. SCOPE OF WORK:

THIS PROJECT IS LOCATED ON LA 379 AND BEGINS AT STATION 20+00 (LA 27 TURNOUT) AND ENDS EAST AT STATION 528+81 (WEST EDGE LA 378 SAMPSON STREET). THE INTENT OF THIS PROJECT IS TO PATCH, COLD PLANE AND OVERLAY THE EXISTING ROADWAY, AND TO PLACE AGGREGATE SURFACE COURSE ON THE SHOULDERS.

THE PROJECT IS DIVIDED INTO THREE SEGMENTS:
SEGMENT 1 BEGINS AT STATION 20+00 (LA 27 TURNOUT) AND ENDS 2.333 MILES EAST AT STATION 143+18 (WEST EDGE OF ANTHONY FERRY ROAD).
SEGMENT 2 BEGINS AT STATION 199+43 (62' NORTH OF JUNCTION OF CENTERLINE OF LA 379 AND ANTHONY FERRY ROAD) AND ENDS 4.334 MILES SOUTH AND EAST AT STATION 428+50 (JUNCTION OLD SPANISH TRAIL).
SEGMENT 3 BEGINS AT STATION 500+00 (JUNCTION OLD SPANISH TRAIL) AND ENDS 0.546 MILES EAST AT STATION 528+81 (WEST EDGE LA 378 SAMPSON STREET).

B. GENERAL NOTES:

1. THE CONTRACTOR SHALL PROVIDE FOR AND MAINTAIN THROUGH AND LOCAL TRAFFIC AT ALL TIMES AND SHALL CONDUCT HIS OPERATIONS IN SUCH MANNER AS TO CAUSE THE LEAST POSSIBLE INTERFERENCE WITH TRAFFIC IN THE VICINITY OF THIS PROJECT.
2. CONTRACTOR SHALL MAINTAIN ALL LANES OF TRAFFIC AT THE END OF EACH WORK DAY.
3. THE CONTRACTOR'S SEQUENCE OF CONSTRUCTION SHALL BE APPROVED BY THE PROJECT ENGINEER, PRIOR TO BEGINNING WORK ON PROJECT.
4. NO TRENCH OR HOLES SHALL BE LEFT OPEN WHEN/WHERE THE CONTRACTOR IS NOT WORKING.
5. CONTRACTOR SHALL MAINTAIN DRAINAGE.
6. ALL DAMAGED AREAS OUTSIDE OF WORK LIMITS SHALL BE RESTORED AS PER SECTION 107.12 OF THE LOUISIANA STANDARD SPECIFICATIONS FOR ROADS AND BRIDGES 2006 EDITION.

C. COLD PLANING:

1. THE CONTRACTOR SHALL RETAIN 50% OF THE RAP GENERATED FROM COLD PLANING. AS STATED IN AN ENDEAVOR AGREEMENT BETWEEN D.O.T.D. AND THE CALCASIEU PARISH POLICE JURY: A MAXIMUM OF 98 CU. YDS. TO BE DELIVERED TO CALCASIEU PARISH WEST MAINTENANCE FACILITY LOCATED AT 2915 POST OAK RD IN SULPHUR, LA. RAP MATERIAL NOT RETAINED BY THE CONTRACTOR SHALL BE HAULED AND STOCKPILED AT DISTRICT 07 HEADQUARTERS LOCATED AT 5827 HWY 90 E. IN LAKE CHARLES, LA. THE CONTRACTOR SHALL BE REQUIRED TO FURNISH THE NECESSARY EQUIPMENT AND PERSONNEL TO STOCKPILE & SHAPE THE RAP MATERIAL TO THE SATISFACTION OF THE PROJECT ENGINEER. PAYMENT FOR HAULING, STOCKPILING, AND SHAPING RAP IS INCLUDED IN ITEM 509-01.
2. PAYMENT FOR COLD PLANING OF EXISTING DRIVEWAYS AND TURNOUTS INCLUDED IN ITEM 509-01.
3. BUTT JOINTS SHALL BE MADE AT TIE-INS AND AT SIDE STREET LOCATIONS. REFER TO "TYPICAL PAVEMENT GRADE TRANSITION" SHEETS FOR ADDITIONAL INFORMATION.

CONSTRUCTION NOTES

D. PLASTIC PAVEMENT STRIPING AND REFLECTORIZED RAISED PAVEMENT MARKERS:

STA. 370+24 - 428+50:
REMOVE EXISTING PAVEMENT STRIPING FROM THE ROADWAY AND REPLACE WITH REQUIRED PLASTIC PAVEMENT STRIPING. PLACE REFLECTORIZED RAISED PAVEMENT MARKERS AS REQUIRED.

STA. 500+00 - 528+81:
REMOVE EXISTING PAVEMENT STRIPING FROM THE ROADWAY AND REPLACE WITH REQUIRED PLASTIC PAVEMENT STRIPING. PLACE REFLECTORIZED RAISED PAVEMENT MARKERS AS REQUIRED.

E. PAY ITEM NOTES:

202-01 REMOVAL OF STRUCTURES AND OBSTRUCTIONS:
REMOVAL OF STRUCTURES AND OBSTRUCTIONS INCLUDES, BUT IS NOT LIMITED TO, BRICK MAILBOX LOCATED AT STATION 24+77 LEFT, PIPES FOR MAILBOXES AT STATIONS 91+61 RIGHT, 109+50 LEFT, 118+54 RIGHT, 257+57 LEFT, AND 326+20 LEFT; DRILL STEM FOR MAILBOX LOCATED AT STATION 311+91 LEFT.

202-02-E REMOVAL OF CONCRETE CURBS:
INCLUDES REMOVAL OF CURBING ON GRASS ISLAND LOCATED AT STATION 143+10 RIGHT OF CENTERLINE.

203-05 EXCAVATION AND EMBANKMENT:
INCLUDES EXCAVATION OF GRASS ISLAND LOCATED AT STATION 143+10 RIGHT OF CENTERLINE.

401-02 AGGREGATE SURFACE COURSE (ADJUSTED VEHICULAR MEASUREMENT):
EXISTING SHOULDER MATERIAL SHALL BE GRADED AT A 5% (MIN.) CROSS SLOPE FOR DRAINAGE PURPOSES PRIOR TO PLACEMENT OF AGGREGATE COURSE ON SHOULDERS (AS DIRECTED). COST OF GRADING EXISTING SHOULDERS SHALL BE INCLUDED IN ITEM 401-02. GRADING OF EXISTING SHOULDERS SHALL BE PERFORMED IN CONJUNCTION WITH COLD PLANING OPERATIONS.

502-01-A SUPERPAVE ASPHALTIC CONCRETE, DRIVES, TURNOUTS AND MISCELLANEOUS:
INCLUDES WORK REQUIRED TO CONSTRUCT MAILBOX STOPS (6" THICKNESS), AND DRIVEWAYS AND TURNOUTS.

510-01-B PAVEMENT PATCHING (12" MINIMUM THICKNESS):
INCLUDES 781 SQ YDS TO PATCH ROADWAY AND SHOULDERS, AND 12 SQ YDS TO PATCH AREA AFTER GRASS ISLAND IS EXCAVATED AT STATION 143+10 RIGHT OF CENTERLINE.

732-04-F PLASTIC PAVEMENT LEGENDS AND SYMBOLS (YIELD LINE):
YIELD LINE PAID PER EACH TRIANGLE.

735-03 MAILBOX SUPPORTS (DOUBLE):
INCLUDES 13 SUPPORTS FOR JUMBO MAILBOXES TO BE INSTALLED ON DOUBLE SUPPORTS.

SHEET NUMBER	4		
		CALCASIEU	PARISH
			FEDERAL PROJECT
		810-26-00-19	STATE PROJECT

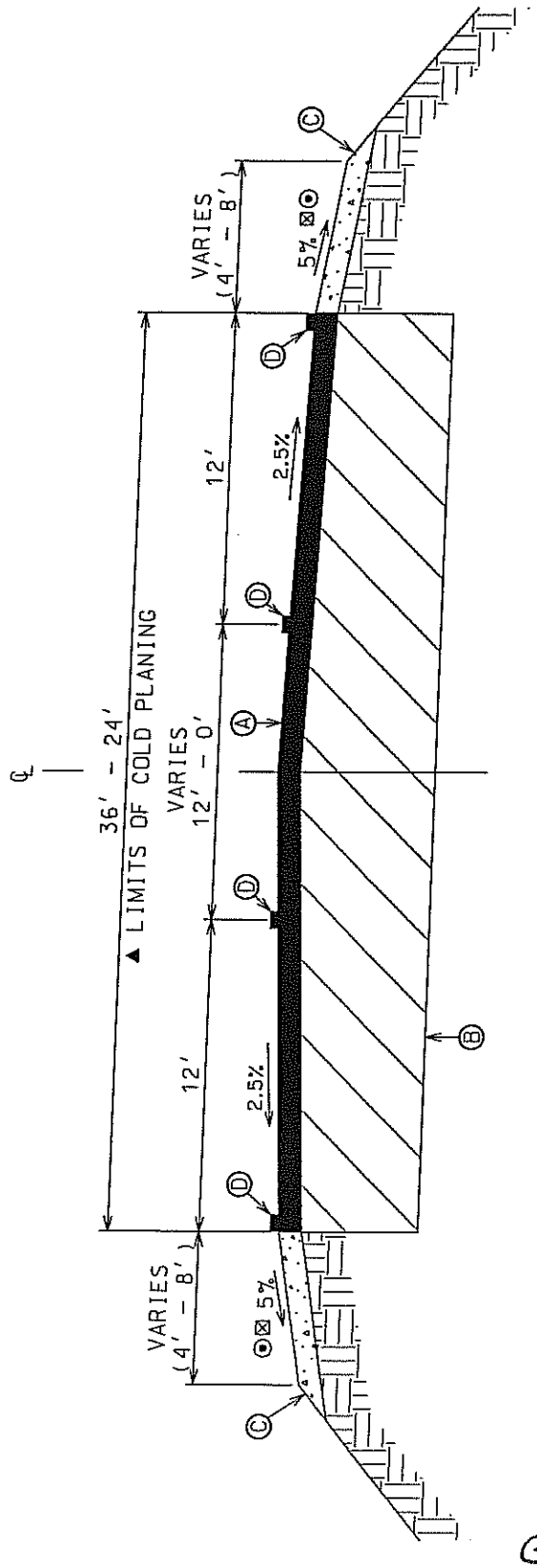
DESIGNED	D.D.	SHEET	2 OF 2
CHECKED	P.L.	DATE	06-20-08
DETAILED	D.C.	CHECKED	P.L.
CHECKED	P.L.	DESIGNED	D.D.

CONSTRUCTION NOTES

LA 379

NO	DATE	REVISION DESCRIPTION	BY

SHEET NUMBER								
5	CALCASIEU	PARISH	DESIGNED D.D.	TYPICAL FINISHED SECTION	LA 379			
		FEDERAL PROJECT	CHECKED P.L.		DATE 09-08-08	NO.	DATE	REVISION DESCRIPTION
			DETAILED D.C., T.B.		SHEET 1 OF 4			
			CHECKED P.L.					
	810-26-0019	STATE PROJECT						



TYPICAL FINISHED SECTION

TO APPLY: STA. 20+00 - 22+62

Ⓐ REQ'D 2" SUPERPAVE ASPHALTIC CONCRETE WEARING COURSE (LEVEL 1)
ⒷⒸ EXISTING BASE AND SURFACING TO REMAIN AFTER COLD PLANING
Ⓒ REQ'D 2" AGGREGATE SURFACE COURSE
Ⓓ REQ'D PAVEMENT MARKINGS.

⊠ SLOPE MAY BE INCREASED TO 8% (MAX) WHERE APPROVED BY THE PROJECT ENGINEER.
▲ EXISTING ASPHALTIC CONCRETE TO BE REMOVED BY COLD PLANING (2"AVG DEPTH)
⊙ SEE SUMMARY SHEETS FOR LIMITS AND THICKNESSES

N.T.S.

20 YEAR ESAL = 648,499

G-5

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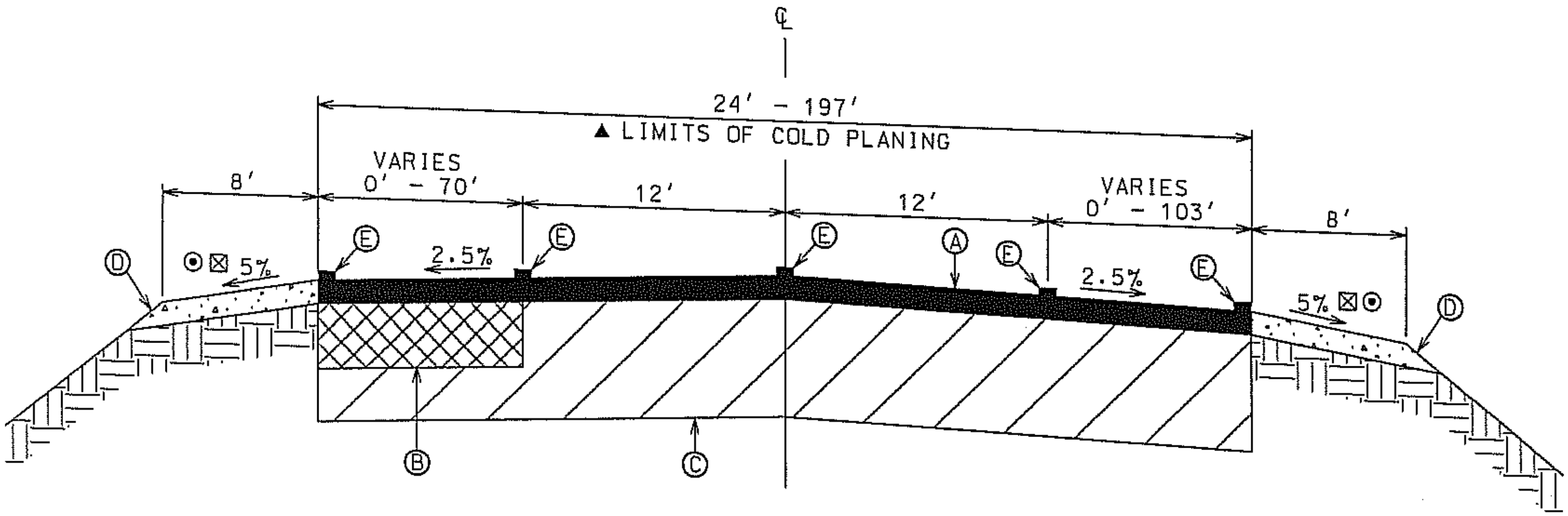

TYPICAL FINISHED SECTION

TO APPLY: STA. 142+10 - 143+18

Ⓐ REQ'D 2" SUPERPAVE ASPHALTIC CONCRETE WEARING COURSE (LEVEL 1)
Ⓑ REQ'D PAVEMENT WIDENING (14" MINIMUM THICKNESS)
Ⓒ EXISTING BASE AND SURFACING TO REMAIN AFTER COLD PLANING
Ⓓ REQ'D 2" AGGREGATE SURFACE COURSE
Ⓔ REQ'D PAVEMENT MARKINGS.

⊠ SLOPE MAY BE INCREASED TO 8% (MAX) WHERE APPROVED BY THE PROJECT ENGINEER.
▲ EXISTING ASPHALTIC CONCRETE TO BE REMOVED BY COLD PLANING (2"AVG DEPTH)
⊙ SEE SUMMARY SHEETS FOR LIMITS AND THICKNESSES

20 YEAR ESAL = 648,499

N.T.S.

SHEET NUMBER	6
PARISH	CALCASIEU
FEDERAL PROJECT	
STATE PROJECT	810-26-0019
DESIGNED	D.D.
CHECKED	P.L.
DETAILED	D.C., T.B.
CHECKED	P.L.
DATE	08-08-08
SHEET	3 OF 4
	TYPICAL FINISHED SECTION
	LA 379

NO.	DATE	REVISION DESCRIPTION	BY

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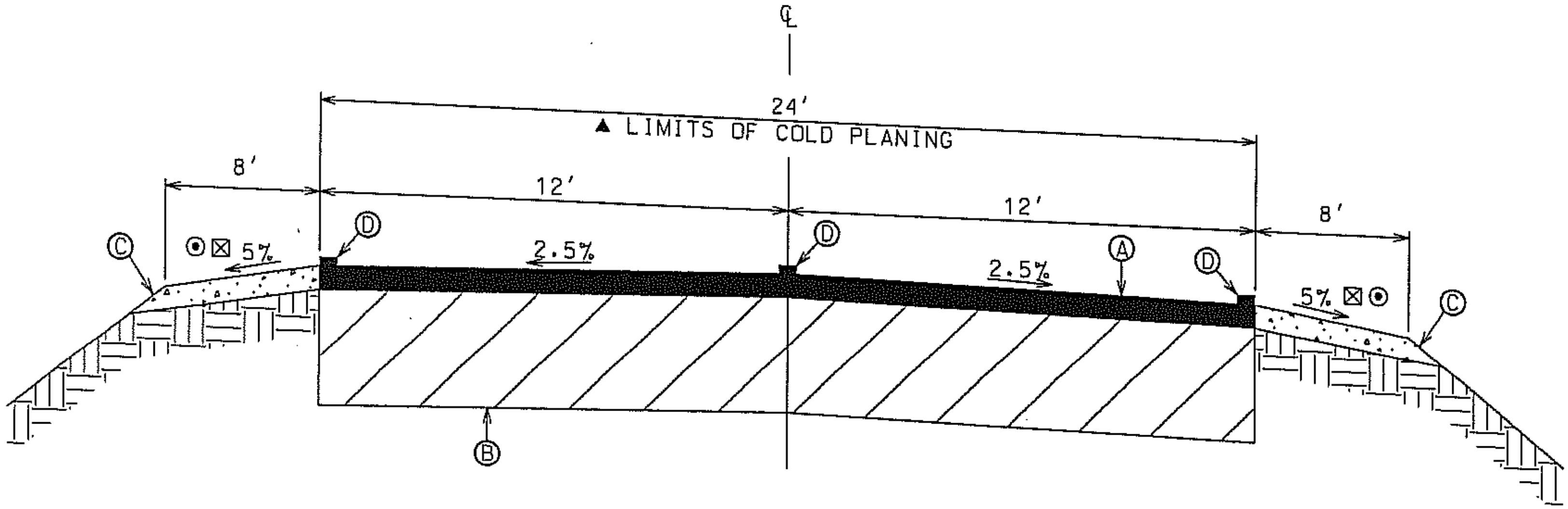

TYPICAL FINISHED SECTION

TO APPLY: STA. 22+62 - 142+10
199+43 - 201+40 (ROADWAY AND LEFT SHOULDER ONLY)
201+40 - 225+88
225+98 - 274+06
357+10 - 370+24

EXCEPTION: STA. 199+43 - 201+40 (RIGHT SHOULDER)
225+88 - 225+98 (RR CROSSING WITH PCC PAD)

Ⓐ REQ'D 2" SUPERPAVE ASPHALTIC CONCRETE WEARING COURSE (LEVEL 1)
Ⓑ EXISTING BASE AND SURFACING TO REMAIN AFTER COLD PLANING
Ⓒ REQ'D 2" AGGREGATE SURFACE COURSE
Ⓓ REQ'D PAVEMENT MARKINGS.

⊠ SLOPE MAY BE INCREASED TO 8% (MAX) WHERE APPROVED BY THE PROJECT ENGINEER.
▲ EXISTING ASPHALTIC CONCRETE TO BE REMOVED BY COLD PLANING (2"AVG DEPTH)
⊙ SEE SUMMARY SHEETS FOR LIMITS AND THICKNESSES

20 YEAR ESAL = 648,499

N.T.S.

SHEET NUMBER	7		
PARISH	CALCASIEU	DESIGNED D.D. CHECKED P.L.	TYPICAL FINISHED SECTION
FEDERAL PROJECT		DETAILED D.C., T.B. CHECKED P.L.	
STATE PROJECT	810-26-0019	DATE 09-08-08 SHEET 2 OF 4	LA 379

NO.	DATE	REVISION DESCRIPTION	BY

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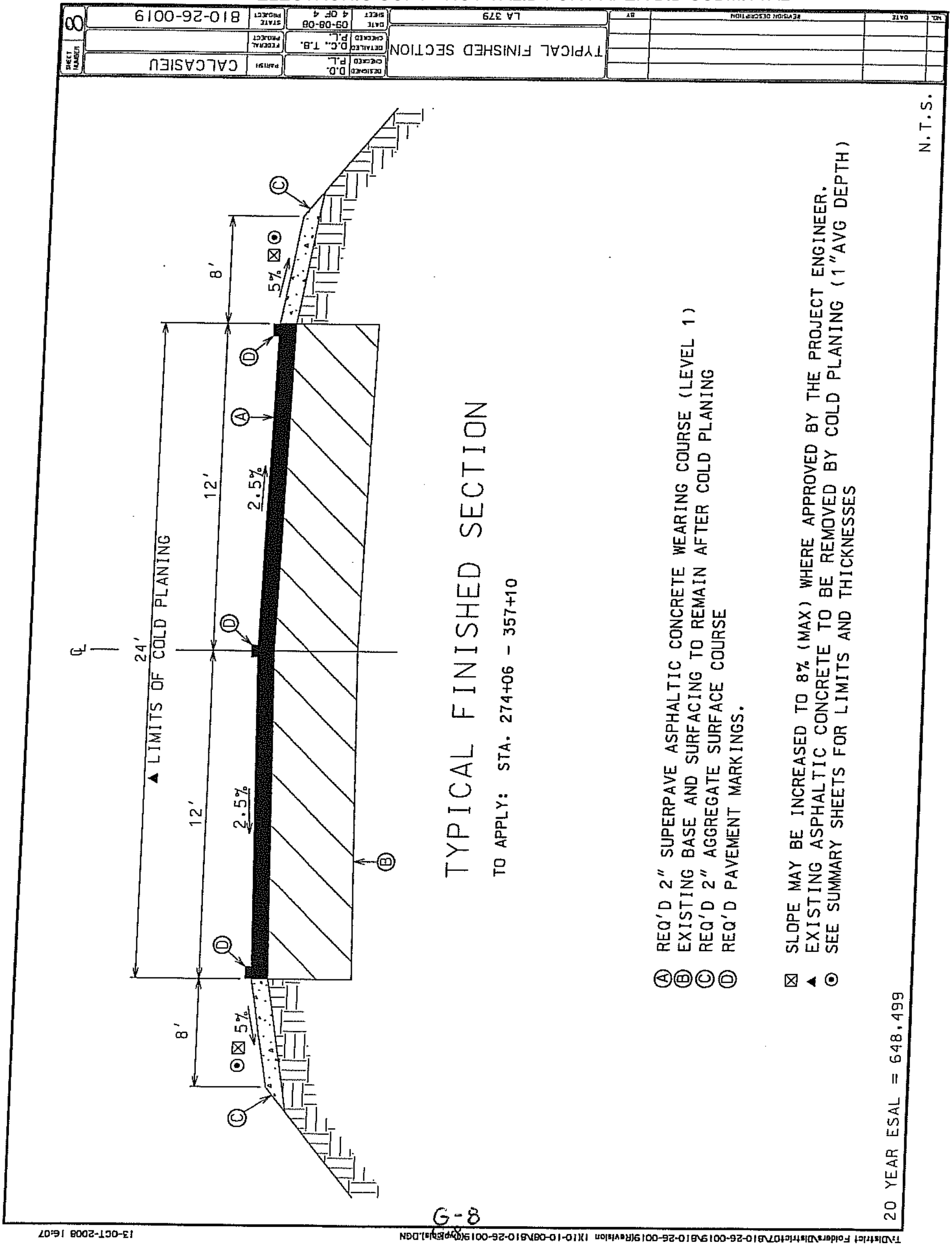
G-7


TYPICAL FINISHED SECTION
TO APPLY: STA. 274+06 - 357+10
LIMITS OF COLD PLANING
24'
12'
12'
8'
8'
2.5%
2.5%
5%
5%
Ⓐ REQ'D 2" SUPERPAVE ASPHALTIC CONCRETE WEARING COURSE (LEVEL 1)
Ⓑ EXISTING BASE AND SURFACING TO REMAIN AFTER COLD PLANING
Ⓒ REQ'D 2" AGGREGATE SURFACE COURSE
Ⓓ REQ'D PAVEMENT MARKINGS.
☒ SLOPE MAY BE INCREASED TO 8% (MAX) WHERE APPROVED BY THE PROJECT ENGINEER.
▲ EXISTING ASPHALTIC CONCRETE TO BE REMOVED BY COLD PLANING (1"AVG DEPTH)
⊙ SEE SUMMARY SHEETS FOR LIMITS AND THICKNESSES
N.T.S.
20 YEAR ESAL = 648,499
TYPICAL FINISHED SECTION
LA 379
CALCASIEU
810-26-0019
09-08-08
4 OF 4
D.O.
P.L.
D.C., T.B.
8
G-8
13-OCT-2008 16:07

SUPERELEVATION VALUES FOR RURAL OVERLAY

D	RADIUS	30 m/hr				35 m/hr				40 m/hr				45 m/hr				50 m/hr				55 m/hr				60 m/hr			
		R		L		R		L		R		L		R		L		R		L		R		L		R		L	
	FEET	MIN.	DES.	MIN.	DES.	MIN.	DES.	MIN.	DES.	MIN.	DES.	MIN.	DES.	MIN.	DES.	MIN.	DES.	MIN.	DES.	MIN.	DES.	MIN.	DES.	MIN.	DES.	MIN.	DES.	MIN.	DES.
0°15'	22,918	N.C.	N.C.			N.C.	N.C.			N.C.	N.C.			N.C.	N.C.			N.C.	N.C.			N.C.	N.C.			N.C.	N.C.		
0°30'	11,459	N.C.	N.C.			N.C.	N.C.			N.C.	N.C.			N.C.	N.C.			N.C.	N.C.			N.C.	N.C.			N.C.	N.C.		
0°45'	7,639	N.C.	N.C.			N.C.	N.C.			N.C.	N.C.			N.C.	N.C.			N.C.	N.C.			N.C.	R.C.		160	N.C.	R.C.		175
1°00'	5,730	N.C.	N.C.			N.C.	N.C.			N.C.	R.C.		125	N.C.	R.C.		140	N.C.	R.C.		150	N.C.	R.C.		160	N.C.	R.C.		175
2°00'	2,865	N.C.	R.C.		100	N.C.	R.C.		110	N.C.	.028		125	N.C.	.035		140	N.C.	.040		150	N.C.	.050		160	N.C.	.030		175
3°00'	1,910	N.C.	R.C.		100	N.C.	.033		110	N.C.	.040		125	N.C.	.050		140	N.C.	.057		150	R.C.	.069	165	180	R.C.	.077	175	210
4°00'	1,432	N.C.	.033		100	N.C.	.042		110	N.C.	.051		125	N.C.	.062		155	R.C.	.072	150	180	R.C.	.083	165	215	.040	.093	175	250
5°00'	1,146	N.C.	.040		100	N.C.	.051		115	N.C.	.061		130	R.C.	.073	140	165	R.C.	.083	150	200	.042	.092	165	235	.078	.098	210	270
6°00'	955	N.C.	.046		100	N.C.	.058		125	N.C.	.070		150	R.C.	.081	140	185	.036	.092	150	220	.077	.096	185	245	.080	.100	215	270
7°00'	819	N.C.	.053		100	N.C.	.065		130	R.C.	.078	125	160	R.C.	.088	140	200	.062	.098	150	240	.080	.100	205	255				
8°00'	716	N.C.	.058		110	R.C.	.072	115	145	R.C.	.084	125	180	.040	.092	140	210	.080	.100	190	240								
9°00'	637	N.C.	.063		120	R.C.	.077	115	155	R.C.	.089	125	190	.068	.095	155	215												
10°00'	573	N.C.	.068		120	R.C.	.081	115	160	.036	.094	125	200	.080	.100	180	220												
11°00'	521	N.C.	.072		130	R.C.	.085	115	165	.058	.097	125	200																
12°00'	477	R.C.	.078	100	140	R.C.	.088	115	175	.077	.099	170	210																
13°00'	441	R.C.	.080	100	140	.033	.090	115	175	.080	.100	170	210																
14°00'	409	R.C.	.083	100	150	.050	.092	115	180																				
16°00'	458	R.C.	.089	100	160	.075	.095	120	185																				
18°00'	318	.028	.093	100	170	.080	.100	160	190																				
20° & UP	286 & LESS	.050	.100	100	180																								

R = RATE OF SUPERELEVATION (ft/ft)

L = LENGTH OF SUPERELEVATION RUNOFF

D = DEGREE OF CURVE

(m/hr) = MILES PER HOUR (DESIGN SPEED)

MIN. = MINIMUM DESIGN

DES. = DESIRABLE DESIGN

N.C. = NORMAL CROWN SECTION

R.C. = REMOVE ADVERSE CROWN, SUPERELEVATE AT NORMAL CROWN

NOTES: LENGTHS OF SUPERELEVATION RUNOFFS ARE SHOWN FOR TWO-LANE ROADWAYS. FOR FOUR-LANE ROADWAYS, RUNOFF LENGTH SHOULD BE INCREASED AS DIRECTED BY THE PROJECT ENGINEER.

EXCEPTIONS TO THE MINIMUM SUPERELEVATION VALUES SHOWN MAY BE MADE WITH PROPER JUSTIFICATION BY THE PROJECT ENGINEER.

THE RADIUS LENGTHS REPORTED IN THE TABLE WERE DETERMINED USING THE ARC DEFINITION AND ROUNDED TO THE NEAREST FOOT.

SHEET NUMBER 9

PARISH CALCASIEU

FEDERAL PROJECT

STATE PROJECT 810-26-0019

DESIGNED P.L. CHECKED P.L. DETAILED D.C. CHECKED P.L. DATE 06-24-08

SUPERELEVATION VALUES FOR RURAL OVERLAY

ELECTRONIC COPY - NOT VALID FOR PAPER BID SUBMITTAL

NO | DATE | REVISION

NO	DATE	REVISION DESCRIPTION	BY

CURVE DATA (SUPERELEVATION)

DESIGNED	P.L.
CHECKED	D.C.
DETAILED	P.L.
CHECKED	D.C.
SHEET	1 OF 1

DATE	09-08-08
PROJECT	
FEDERAL PROJECT	
STATE PROJECT	810-26-0019

LA 379

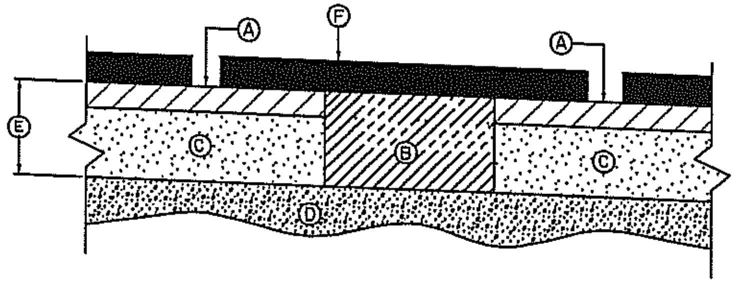
PARISH: CALCASIEU

SHEET NUMBER: 10

CURVE NUMBER	1	2	3	4		TOTALS
DEGREE OF CURVE	9°5'	3°54'	6°9'	4°24'		
RATE OF SUPERELEVATION - ROADWAY (ft/ft)	0.100	0.040	0.100	0.042		
SHOULDER SLOPE - HIGH SIDE OF CURVE (ft/ft)	0.030	-0.030	0.030	-0.028		
DESIGN SPEED (mph)	45	60	55	55		
LENGTH OF SUPERELEVATION RUNOFF (ft)	220	176	255	165		
% OF RUNOFF LENGTH IN ADVANCE OF PC	80%	80%	50%	80%		
BEGIN RUNOUT STATION	202+39	319+31		345+48		
BEGIN RUNOFF STATION	202+94	320+41		346+46		
REVERSE CROWN	203+82	321+77	327+81	347+69		
PC STATION	204+70	321+82	328+06	347+78		
BEGIN FULL SUPERELEVATION STATION	205+14	322+17	328+34	348+11		
END FULL SUPERELEVATION STATION	209+21	324+29	332+05	352+87		
PT STATION	209+65	325+17	332+56	353+20		
REVERSE CROWN	210+53	324+70	333+58	353+29		
END RUNOFF STATION	211+41		334+60	354+52		
END RUNOUT STATION	211+96		335+24	355+50		
% OF RUNOFF LENGTH PAST THE PT	80%	60%	80%	80%		
ITEM 502-01 ADDITIONAL A.C. REQ'D FOR SLOPE CORRECTION IN CURVES (Tons)	423.0	96.7	389.2	358.1		1,268.0
ITEM 203-07 REQ'D BORROW FOR SHOULDER DRESSING IN CURVES (Cu. Yds.)	82		167	86		345

NOTES: QUANTITIES SHOWN ARE FOR ESTIMATING PURPOSES ONLY. ACTUAL QUANTITIES MAY VARY.

THE SUPERELEVATION TRANSITION FROM CURVE 2 TO CURVE 3 SHALL BEGIN AT REVERSE CROWN STATION 324+70 OF CURVE 2 AND END AT REVERSE CROWN STATION 327+81 OF CURVE 3.



PATCHING DETAIL

Ⓐ EXISTING ASPHALTIC CONCRETE THICKNESS REMAINING AT THE TIME OF PATCHING OPERATIONS.

Ⓑ PAVEMENT PATCH: ASPHALTIC CONCRETE INCLUDED IN ITEM 510-01-B

Ⓒ EXISTING BASE.

Ⓓ EXISTING SUBGRADE.

Ⓔ PATCHING SHALL EXTEND TO BOTTOM OF EXISTING BASE: ROADWAY AND SHOULDERS: 12" MINIMUM THICKNESS

Ⓕ ASPHALTIC CONCRETE (COURSES AND TYPES AS SHOWN ON TYPICAL FINISHED SECTIONS).

PARISH	CALCASIEU	DESIGNED / CHECKED	D.C. / P.L.	PATCHING DETAIL	SHEET NUMBER 3
FEDERAL PROJECT		DETAILED / CHECKED	D.C. / P.L.		
STATE PROJECT	810-26-0019	DATE / SHEET	09-17-08	LA 379	

NO.	DATE	REVISION DESCRIPTION	BY

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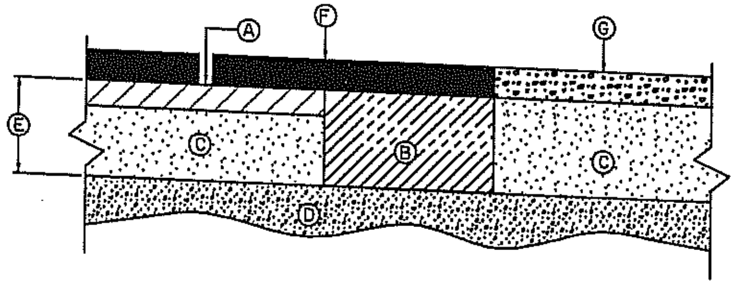
SHEET NUMBER	14
PARISH	CALCASIEU
FEDERAL PROJECT	
STATE PROJECT	810-26-0019
DESIGNED / CHECKED	D.C. / P.L.
DETAILED / CHECKED	D.C. / P.L.
DATE / SHEET	09-17-08

WIDENING DETAIL

LA 379

NO.	DATE	REVISION DESCRIPTION	BY



WIDENING DETAIL

(A) EXISTING ASPHALTIC CONCRETE THICKNESS REMAINING AT THE TIME OF WIDENING OPERATIONS.

(B) PAVEMENT WIDENING: ASPHALTIC CONCRETE. IINCLUDED IN ITEM 510-02.

(C) EXISTING BASE.

(D) EXISTING SUBGRADE.

(E) WIDENING SHALL EXTEND TO BOTTOM OF EXISTING BASE: ROADWAY AND SHOULDERS: 14" MINIMUM THICKNESS

(F) ASPHALTIC CONCRETE (COURSES AND TYPES AS SHOWN ON TYPICAL FINISHED SECTIONS).

(G) AGGREGATE SURFACE COURSE.

17-SEP-2008 15:05

G-14

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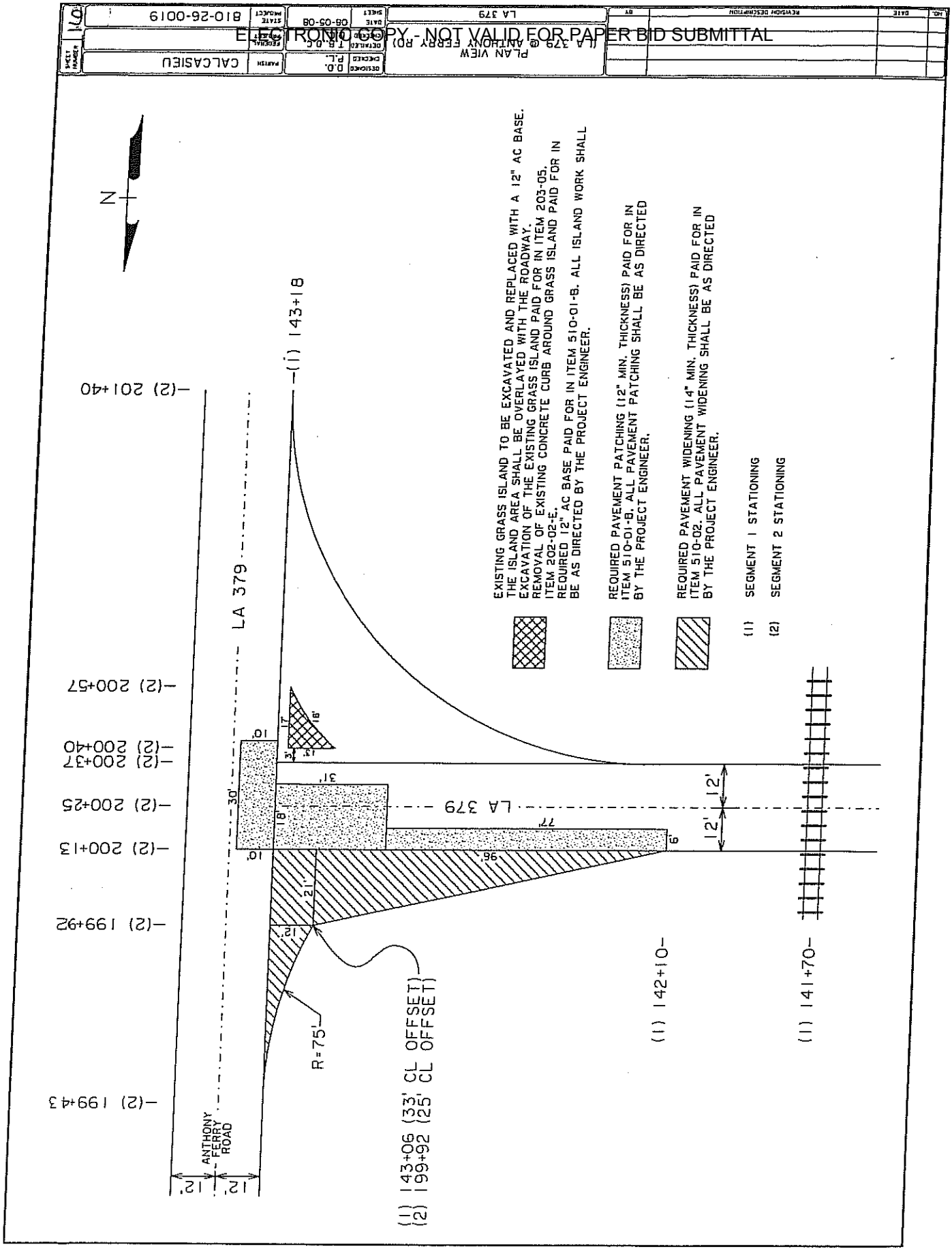

NO	DATE	REVISION DESCRIPTION	BY

PAVEMENT WIDENING

DESIGNED	P.L.	SHEET	DATE
DETAILED	D.G.	FEDERAL PROJECT	05-20-08
CHECKED	P.L.	PARISH	CALCASIEU

SHEET NUMBER	STATE PROJECT	
17	810-26-0019	

PAVEMENT WIDENING

STA.	STA.	DESCRIPTION	PAVEMENT WIDENING LENGTH FEET	WIDTH FEET	DEPTH INCHES	SQ. YDS.
142+10	143+18	ROADWAY (LT)(ANTHONY FERRY ROAD INTERSECTION)	108	VARIES	14	169.3
		PROJECT TOTAL S.P. 810-26-0019				169.3

COLD PLANING (ROADWAY)

STA.	STA.	DESCRIPTION	COLD PLANING (ROADWAY)			
			LENGTH	WIDTH	DEPTH	SQ. YDS.
			FEET	FEET	INCHES	
20+00	22+62	ROADWAY (WIDTH VARIES; 36' - 24' = 30' AVG)	262	30	2	873
22+62	142+10	ROADWAY	11,948	24	2	31,861
142+10	143+18	ROADWAY	108	VARIES	2	602
199+43	225+88	ROADWAY	2,645	24	2	7,053
225+88	225+98	EXCEPTION (RR CROSSING WITH PCC PAD)	10	____	____	____
225+98	273+56	ROADWAY	4,758	24	2	12,688
273+56	274+06	ROADWAY TRANSITION (DEPTH VARIES: 2" - 1" = 1.5" AVG)	50	24	1.5	133
274+06	357+10	ROADWAY	8,304	24	1	22,144
357+10	357+60	ROADWAY TRANSITION (DEPTH VARIES: 1" - 2" = 1.5" AVG)	50	24	1.5	133
357+60	370+24	ROADWAY	1,264	24	2	3,371
370+24	428+50	EXCEPTION (ROADWAY)	5,826	____	____	____
500+00	528+81	EXCEPTION (ROADWAY)	2,881	____	____	____
		ADDITIONAL FOR DRIVEWAYS AND TURNOUTS				484
		PROJECT TOTAL ; S.P. 810-26-0019				79,342

NOTE:
SEGMENT 1 : STA 20+00 - STA 143+18
SEGMENT 2 : STA 199+43 - STA 428+50
SEGMENT 3 : STA 500+00 - STA 528+81

NO	DATE	REVISION DESCRIPTION	BY

COLD PLANING (ROADWAY)

LA 179

DESIGNED	D.D.	PARISH	CALCASIEU	SHEET NUMBER	08
CHECKED	P.L.				
DETAILED	D.C.	FEDERAL PROJECT			
CHECKED	P.L.				
DATE	09-08-08	STATE PROJECT	810-26-0019		
SHEET	10F4				
DATE					

SURFACING (ROADWAY)

STA.	STA.	DESCRIPTION	ASPHALTIC CONCRETE			
			LENGTH	WIDTH	SQ. YDS.	2" WEARING COURSE (SUPERPAVE)
			FEET	FEET		TONS
20+00	22+62	ROADWAY (WIDTH VARIES: 36' - 24' = 30' AVG)	262	30	873.33	96.1
22+62	142+10	ROADWAY	11,948	24	31,861.33	3,504.7
142+10	143+18	ROADWAY	108	VARIES	602.00	66.2
199+43	225+68	ROADWAY	2,645	24	7,053.33	775.9
225+88	225+98	EXCEPTION (RR CROSSING WITH PCC PAD)	10	———	———	———
225+98	274+06	ROADWAY	4,808	24	12,821.33	1,410.3
274+06	357+10	ROADWAY	8,304	24	22,144.00	2,435.8
357+10	370+24	ROADWAY	1,314	24	3,504.00	385.4
370+24	428+50	EXCEPTION (ROADWAY)	5,826	———	———	———
500+00	528+81	EXCEPTION (ROADWAY)	2,881	———	———	———
		ADDITIONAL FOR CROSS SLOPE CORRECTION IN SUPERELEVATED CURVES				1,268.0
		PROJECT TOTAL : S.P. 810-26-0019				9,842.4

NOTE:
SEGMENT 1 : STA 20+00 - STA 143+18
SEGMENT 2 : STA 199+43 - STA 428+50
SEGMENT 3 : STA 500+00 - STA 528+81

SURFACING (ROADWAY)

DESIGNED	D.D.	STATE PROJECT	810-26-0019
CHECKED	P.L.	FEDERAL PROJECT	
DETAILED	D.C.	PARISH	CALCASIEU
CHECKED	P.L.		
DATE	09-08-08	SHEET	1 OF 1

NO	DATE	REVISION DESCRIPTION	BY

LA 379

SHEET NUMBER 19

AGGREGATE SURFACE COURSE (ADJ. VEH. MEAS.)

STA.	STA.	DESCRIPTION	LENGTH (FEET)	WIDTH (AVG.) (FEET)	DEPTH (INCHES)	CU. YDS.
20+00	22+62	SHOULDER (LT)(WIDTH VARIES: 4' - 8' = 6' AVG)	262	6	2	10
20+00	22+62	SHOULDER (RT)(WIDTH VARIES: 4' - 8' = 6' AVG)	262	6	2	10
22+62	143+18	SHOULDER (LT)	12,056	8	2	595
22+62	143+18	SHOULDER (RT)	12,056	8	2	595
199+43	201+40	SHOULDER (LT)	197	8	2	10
199+43	201+40	EXCEPTION (SHOULDER (RT))	197	———	———	———
201+40	225+88	SHOULDER (LT)	2,448	8	2	121
201+40	225+88	SHOULDER (RT)	2,448	8	2	121
225+98	225+98	EXCEPTION (SHOULDER (LT & RT))(RR CROSSING WITH PCC PAD)	10	———	———	———
225+98	370+24	SHOULDER (LT)	14,426	8	2	712
225+98	370+24	SHOULDER (RT)	14,426	8	2	712
370+24	428+50	EXCEPTION (SHOULDER (LT & RT))	5,826	———	———	———
500+00	528+81	EXCEPTION (SHOULDER (LT & RT))	2,881	———	———	———
		ADDITIONAL FOR WEDGES				156
		ADDITIONAL FOR DRIVES AND TURNOUTS				39
		DEDUCTION FOR PAVED MAILBOX STOPS				-684
		PROJECT TOTAL : S.P. 810-26-0019				2,397

NOTE:
SEGMENT 1 : STA 20+00 - STA 143+18
SEGMENT 2 : STA 199+43 - STA 428+50
SEGMENT 3 : STA 500+00 - STA 528+81

AGGREGATE SURFACE COURSE (ADJ. VEH. MEAS.)

DESIGNED	D.D.	CALCASIEU
CHECKED	P.L.	PARISH
DETAILED	D.C.	FEDERAL PROJECT
CHECKED	P.L.	STATE PROJECT
DATE	09-08-08	810-26-0019
SHEET	LA 179	

NO	DATE	REVISION DESCRIPTION	BY

SHEET NUMBER 20

DATED 10/16/08 10:24:55

STATE PROJECT	PARISH	SHEET NO.
810-26-0019	CALCASIEU	2.1

SUMMARY OF ESTIMATED QUANTITIES

ITEM NO.	ITEM	UNIT	QUANTITY S.P. NO. 810-26-0019	TOTAL QUANTITY
202-01	REMOVAL OF STRUCTURES & OBSTRUCTIONS	LUMP	LUMP	
202-02-E	REMOVAL OF CONCRETE CURBS	LNFT	48.0	
203-05	EXCAVATION AND EMBANKMENT	LUMP	LUMP	
203-07	BORROW (VEHICULAR MEASUREMENT)	CUYD	345	
401-02	AGGREGATE SURFACE COURSE (ADJUSTED VEHICULAR MEASUREMENT)	CUYD	2,397	
502-01	SUPERPAVE ASPHALTIC CONCRETE	TON	15,830.1	
502-01-A	SUPERPAVE ASPHALTIC CONCRETE, DRIVES, TURNOUTS AND MISCELLANEOUS	TON	3,330.8	
509-01	COLD PLANING ASPHALTIC PAVEMENT	SQYD	79,342	
509-02	CONTRACTOR RETAINED RECLAIMED ASPHALTIC PAVEMENT	CUYD	-1,889	
510-01-B	PAVEMENT PATCHING (12" MINIMUM THICKNESS)	SQYD	768	
510-02	PAVEMENT WIDENING	SQYD	169.3	
713-01	TEMPORARY SIGNS & BARRICADES	LUMP	LUMP	
713-02-E	TEMPORARY PAVEMENT MARKINGS (24" WIDTH)	LNFT	180	
713-03-A	TEMPORARY PAVEMENT MARKINGS (BROKEN LINE)(4" WIDTH)(4' LENGTH)	MILE	10.350	
713-03-B	TEMPORARY PAVEMENT MARKINGS (SOLID LINE)(4" WIDTH)(10' LENGTH)	MILE	10.350	
713-04-A	TEMPORARY PAVEMENT LEGENDS AND SYMBOLS (ARROW)	MILE	32.782	
713-05-A	TEMPORARY PAVEMENT LEGENDS AND SYMBOLS (DOUBLE ARROW)	EACH	2	
713-05-B	TEMPORARY PAVEMENT LEGENDS AND SYMBOLS (RR CROSSING)	EACH	2	
713-05-D	TEMPORARY PAVEMENT LEGENDS AND SYMBOLS (YIELD LINE)	EACH	8	
713-05-F		EACH	15	
727-01	MOBILIZATION	LUMP	LUMP	
729-16-B	OBJECT MARKER ASSEMBLY (Type 2)	EACH	44	
729-16-C	OBJECT MARKER ASSEMBLY (Type 3)	EACH	4	
731-02	REFLECTORIZED RAISED PAVEMENT MARKERS	EACH	1,045	
732-01-E	PLASTIC PAVEMENT STRIPING (24" WIDTH)	LNFT	222	
732-02-A	PLASTIC PAVEMENT STRIPING (SOLID LINE) (4" WIDTH)	MILE	18.280	
732-03-A	PLASTIC PAVEMENT STRIPING (BROKEN LINE)(4" WIDTH)	MILE	6.085	
732-04-A	PLASTIC PAVEMENT LEGENDS & SYMBOLS (ARROW)	EACH	12	
732-04-B	PLASTIC PAVEMENT LEGENDS & SYMBOLS (DOUBLE ARROW)	EACH	1	
732-04-D	PLASTIC PAVEMENT LEGENDS & SYMBOLS (RR CROSSING)	EACH	4	
732-04-F	PLASTIC PAVEMENT LEGENDS & SYMBOLS (YIELD LINE)	EACH	10	
732-05	REMOVAL OF EXISTING MARKINGS	MILE	1.645	
735-01	MAILBOXES	EACH	77	

10/10/08 REVISED QUANTITIES

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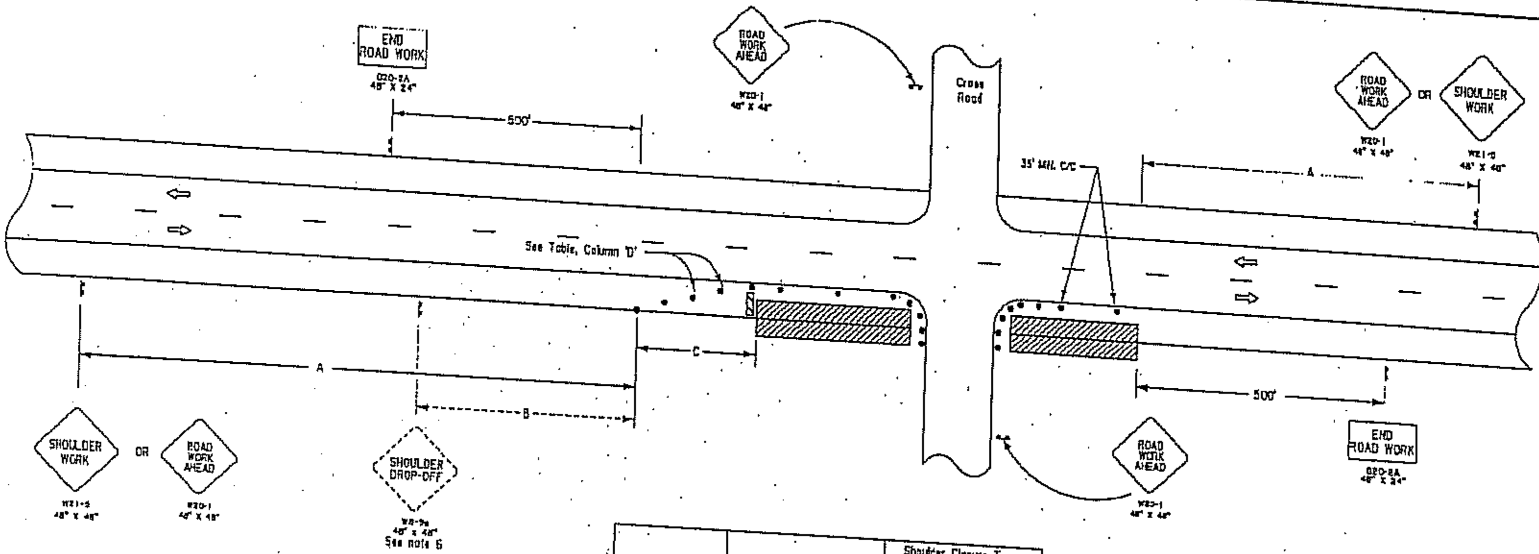
DATED 10/16/08 10:24:55

SUMMARY OF ESTIMATED QUANTITIES

STATE PROJECT	PARISH	SHEET NO.
810-26-0019	CALCASIEU	22

ITEM NO.	ITEM	UNIT	QUANTITY S.P. NO. 810-26-0019	TOTAL QUANTITY
735-02	MAILBOX SUPPORTS (SINGLE)	EACH	61	
735-03	MAILBOX SUPPORTS (DOUBLE)	EACH	17	
735-04	MAILBOX SUPPORTS (MULTIPLE)	EACH	1	
740-01	CONSTRUCTION LAYOUT	LUMP	LUMP	
S-101	VIDEO DETECTION CAMERA AND TRAFFIC SIGNAL INTERFACE APPURTENANCES	EACH	4	

1 10/10/08 Revised Quantities



SPEED LIMIT	Spacing		Shoulder Closure Taper	
			Minimum Taper Length	Maximum Device Spacing
	'A'	'B'	'C'	'D'
35 mph	500'	250'	100'	25'
45 mph	1000'	350'	200'	45'
≥55 mph	1500'	600'	250'	50'

If horizontal curve radius is less than 300', devices spacing shall be 25'.

LEGEND

- Traffic Sign
- Channelizing Devices
- Work Area
- Type III Barricades

NOTES

THIS SHEET SHALL BE USED WITH THE "TEMPORARY TRAFFIC CONTROL GENERAL NOTES SHEET (TC-00)".

1. THIS LAYOUT REPRESENTS TRAFFIC CONTROLS REQUIRED FOR WORKERS AND EQUIPMENT OPERATING WITHIN THE CLEAR ZONE FOR MORE THAN 1 HOUR. LESS THAN 1 HOUR, SEE FIG. TA-4 OF THE MUTCD. PORTABLE SIGNS MAY BE USED FOR WORK LASTING LESS THAN 3 DAYS.

2. NO SIGNS OR BARRICADES ARE REQUIRED FOR EQUIPMENT OPERATING OR WORK IN PROGRESS OUTSIDE THE CLEAR ZONE.

3. SIGNS AND BARRICADES SHALL BE COVERED OR REMOVED DURING NONWORKING HOURS UNLESS A DROP-OFF OR PHYSICAL OBSTRUCTION REMAINS WITHIN THE CLEAR ZONE.

4. TRAFFIC CONES MAY BE USED AS CHANNELIZING DEVICES ALONG THE WORK AREA DURING DAYLIGHT HOURS ONLY.

5. WORK OR EQUIPMENT CONFINED TO A SPOT LOCATION (LESS THAN 200 FEET) SHALL BE MARKED BY CHANNELIZING DEVICES SPACED AT 25 FEET OR BY A VEHICLE WITH A YELLOW REVOLVING LIGHT OR YELLOW STROBE LIGHT VISIBLE TO ONCOMING TRAFFIC. WORK EXTENDING MORE THAN 200 FEET OF ROADWAY LENGTH SHALL BE MARKED WITH APPROPRIATE DEVICES SPACED AS NOTED IN THE TABLE.

6. SHOULDER DROP-OFFS

A. WHEN A SHOULDER DROP-OFF GREATER THAN 2" BUT LESS THAN 6" EXISTS, A "SHOULDER DROP-OFF" SIGN WILL FOLLOW THE "SHOULDER WORK" SIGN. WHEN THE DROP-OFF EXCEEDS 6", THE "SHOULDER DROP-OFF" SIGN SHALL BE REPLACED BY A "NO SHOULDER" SIGN.

B. IF THE SPEED LIMIT IS GREATER THAN 45 MPH AND THE DROPOFF IS 10" OR GREATER WITHIN 2' OF THE TRAVEL LANE DURING NONWORKING HOURS, A PORTABLE BARRIER SHALL BE USED.

7. A TEMPORARY EDGELINE OR CHANNELIZING DEVICE SHALL BE PLACED AT THE PAVEMENT EDGE ADJACENT TO THE DROP-OFF DURING NONWORKING HOURS WHEN THE DROPOFF IS GREATER THAN 2".

8. SPEED LIMIT IN THE ABOVE TABLE REFERS TO THE LEGALLY ESTABLISHED SPEED LIMIT BEFORE CONSTRUCTION. IF WORKERS ARE PRESENT WITHIN 2' OF TRAVEL LANE, SPEED LIMIT MAY NEED TO BE REDUCED.

9. WHEN A WORK AREA HAS BEEN ESTABLISHED ON ONE SIDE OF THE ROADWAY ONLY, THERE SHALL BE NO CONFLICTING OPERATIONS OR PARKING ON THE OPPOSITE SHOULDER WITHIN 500 FEET OF THE WORK AREA.

10. ANY SIGNS IN CONFLICT WITH CONSTRUCTION SIGNING SHALL BE REMOVED OR COVERED.

11. MINIMUM CONSTRUCTION SIGNING; ANY ADDITIONAL SIGNS SHOWN IN THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" AND REQUIRED BY THE PROJECT ENGINEER SHALL BE INSTALLED UNDER ITEM 713-01.

12. TYPE III BARRICADES SHALL BE PLACED IN THE CLOSED LANE AT A 1000' INTERVAL WHERE NO ACTIVE WORK IS ON GOING AND THE LANE MUST REMAIN CLOSED. TYPE III BARRICADES ARE ALSO REQUIRED BEFORE EACH OR GROUP OF UNFILLED HOLES OR HOLES FILLED WITH TEMPORARY MATERIAL, OR WHERE UNCURED CONCRETE EXISTS.

TRAFFIC CONTROL LAYOUT
FOR WORK LESS THAN 15'
FROM THE TRAVELED LANE
TC-01

TRAFFIC ENGINEERING

CALCASIEU | 810-26-0019 | 24

E. COURVILLE | J. COLVIN | D. SOWARDS | J. COLVIN

28-MAY-2008 10:02

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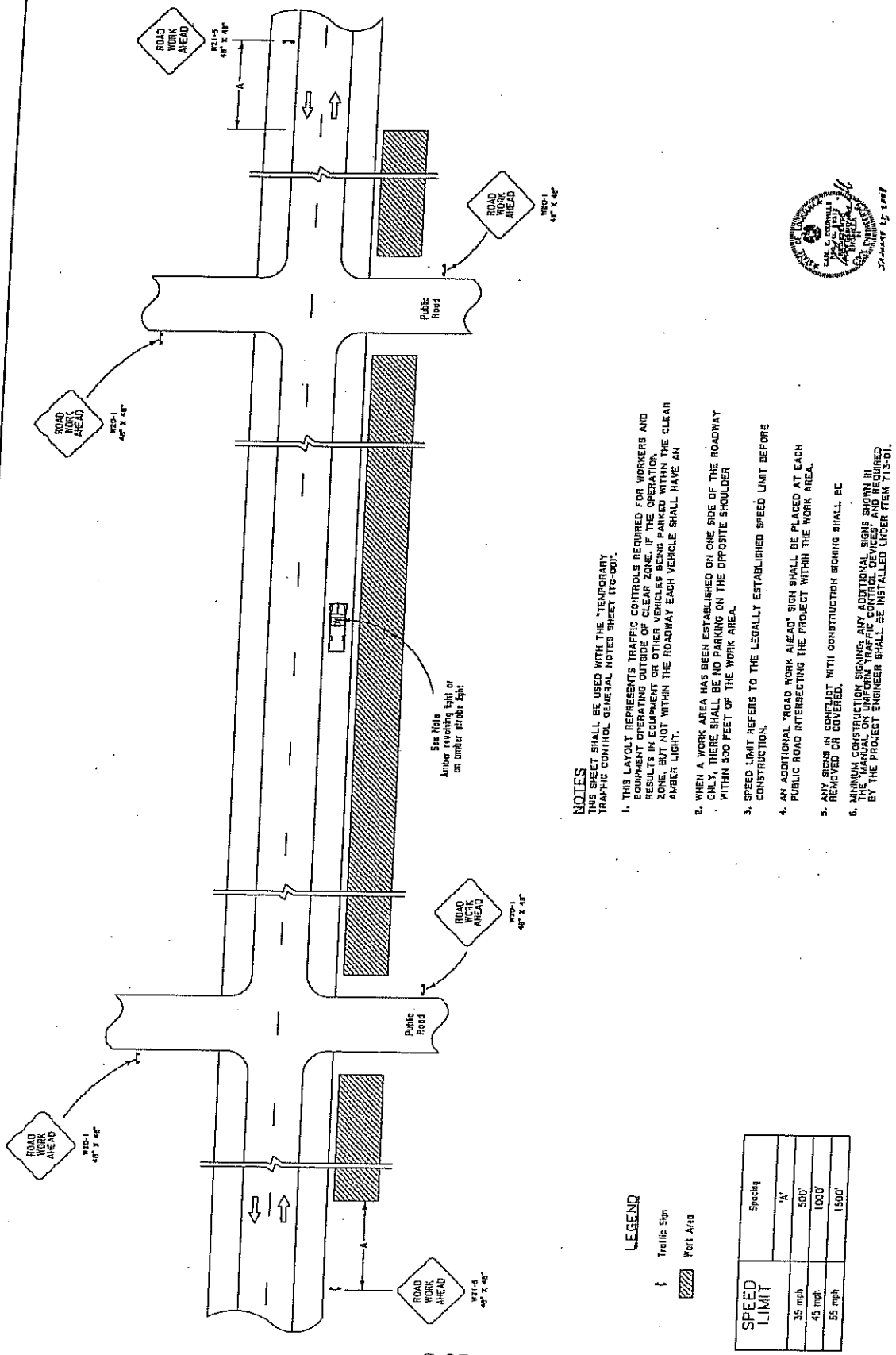
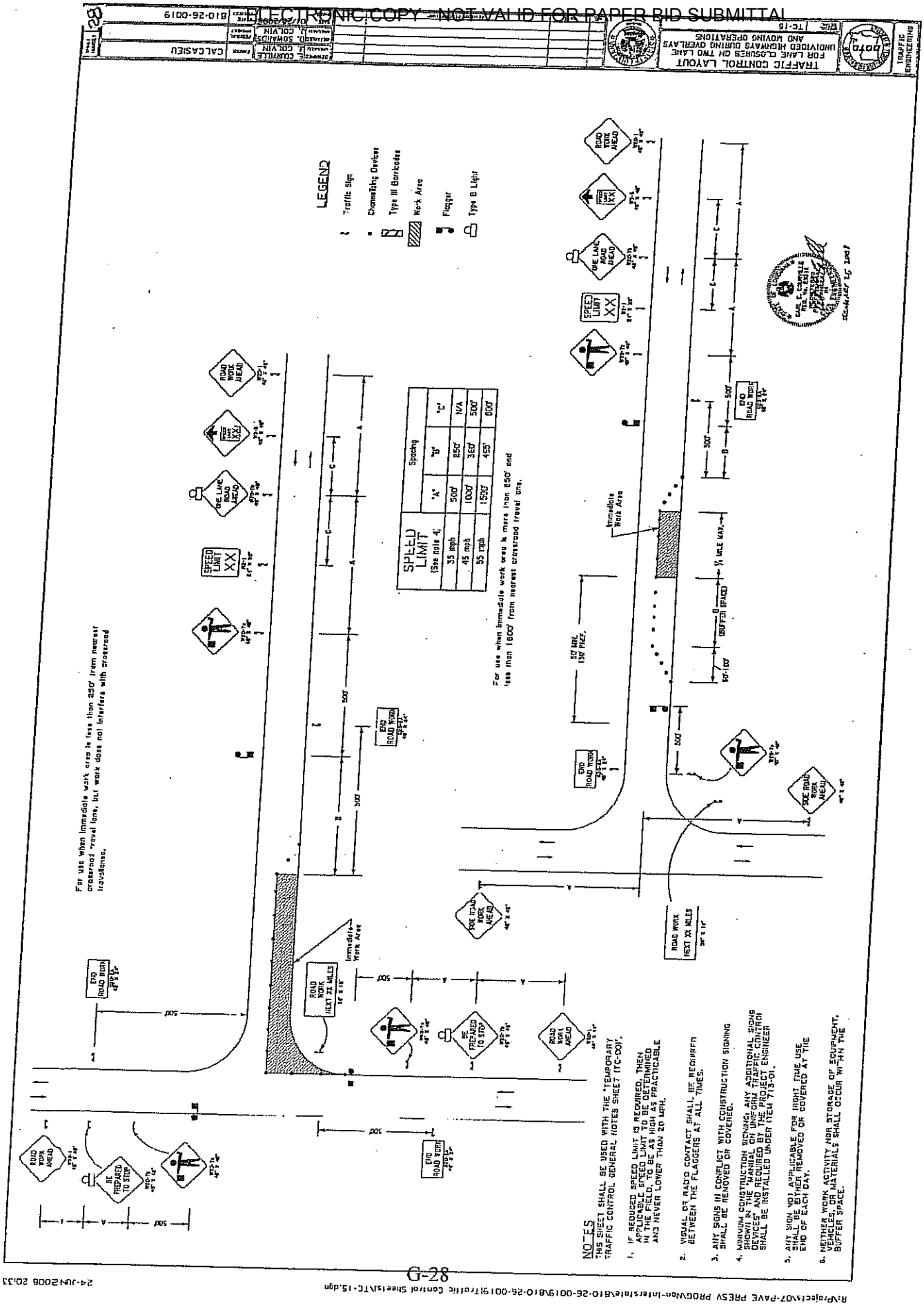
NOTES

THIS SHEET SHALL BE USED WITH THE "TEMPORARY TRAFFIC CONTROL GENERAL NOTES SHEET (TC-001)".

1. WHEN A WORK AREA HAS BEEN ESTABLISHED ON ONE SIDE OF THE ROADWAY ONLY, THERE SHALL BE NO PARKING ON THE OPPOSITE SHOULDER WITHIN 500 FEET OF THE WORK AREA.
2. CHANNELIZING DEVICES MAY BE PLACED UP TO 2' BEYOND CENTERLINE ONLY AT SPECIFIC LOCATIONS WHERE ACTUAL WORK ACTIVITY IS TAKING PLACE. A 10' MINIMUM TRAVELED LANE SHOULD BE MAINTAINED WHERE PRACTICAL. CHANNELIZING DEVICES SHALL BE RETURNED TO THE CENTERLINE WHEN THE WORK ACTIVITY HAS PASSED.
3. SPACING OF CHANNELIZING DEVICES IN THE TAPER SHOULD BE NO MORE THAN 20', A MINIMUM OF 5 CHANNELIZING DEVICES ARE TO BE USED IN THE TAPER.
4. SPEED LIMIT REFERS TO THE LEGALLY ESTABLISHED SPEED LIMIT BEFORE CONSTRUCTION.
5. TO PREVENT VEHICLES FROM ENTERING THE WORK AREA AGAINST THE FLOW OF TRAFFIC, AN ADDITIONAL FLAGGER SHALL BE STATIONED AT EACH INTERSECTION, MAJOR DRIVEWAY, RAILROAD CROSSING OR CROSSING WITHIN THE WORK AREA.
6. WITH THE APPROVAL OF THE ENGINEER, THE LENGTH OF THE WORK AREA MAY, FOR A SHORT DURATION, BE CHANGED TO AS MUCH AS ONE-HALF MILE MAXIMUM TO IMPROVE THE SIGHT DISTANCE TO THE FLAGGER. VISUAL OR RADIO CONTACT SHALL BE REQUIRED BETWEEN THE FLAGGERS AT ALL TIMES.
7. FOR PROJECTS IN RURAL AREAS THE DISTANCE BETWEEN FLAGGERS SHALL NOT EXCEED 2.5 MILES FOR A.D.T. (AVERAGE DAILY TRAFFIC) OF LESS THAN 2,500 AND 2.0 MILES FOR A.D.T. FROM 2,500 TO 5,000. DISTANCE BETWEEN FLAGGERS SHALL NOT EXCEED 1.5 MILES FOR A.D.T. GREATER THAN 5,000 VEHICLES.
8. THE CONTRACTOR MAY EXTEND THE LANE CLOSURE AN ADDITIONAL 1.0 MILE UNDER THE FOLLOWING PROVISIONS:
   (A) THE LANE CLOSURE EXTENSION IS PERMITTED ONLY DURING NON-PEAK HOURS.
   (B) ONCE THE TRAFFIC CONTROL DEVICES HAVE BEEN PLACED TO EXTEND THE LANE CLOSURE, THE TRAFFIC CONTROL DEVICES AT THE BEGINNING OF THE TRAFFIC CONTROL SHALL BE MOVED DOWNSTREAM TO LIMIT THE WORK AREA TO THE DISTANCE DEFINED IN NOTE 7.
9. ANY SIGNS IN CONFLICT WITH CONSTRUCTION SIGNING SHALL BE REMOVED OR COVERED.
10. MINIMUM CONSTRUCTION SIGNING ANY ADDITIONAL SIGNS SHOWN IN THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES AND REQUIRED BY THE PROJECT ENGINEER SHALL BE INSTALLED UNDER ITEM 713-01.
11. VISUAL OR RADIO CONTACT SHALL BE REQUIRED BETWEEN FLAGGERS AT ALL TIMES. THE FLAGGER SHALL BE VISIBLE FROM FLAGGER SIGN.
12. TYPE III BARRICADES SHALL BE PLACED IN THE CLOSED LANE AT A 100' INTERVAL WHERE NO ACTIVE WORK IS GOING AND THE LANE MUST REMAIN CLOSED. TYPE III BARRICADES ARE ALSO REQUIRED BEFORE EACH OR GROUP OF UNFILLED HOLES OR HOLES FILLED WITH TEMPORARY MATERIAL, OR WHERE UNCURED CONCRETE EXISTS.
13. THE CONTRACTOR CAN USE EITHER A PILOT CAR OR CHANNELIZING DEVICES IN THE TANGENT SECTION. IF A PILOT CAR IS REQUIRED THEN THE CONTRACTOR IS NOT REQUIRED TO HAVE CHANNELIZING DEVICES IN THE TANGENT SECTION.
14. NEITHER WORK ACTIVITY NOR STORAGE OF EQUIPMENT, VEHICLES, OR MATERIALS SHALL OCCUR WITHIN THE BUFFER SPACE.

PILOT CAR
IF USED, A PILOT CAR SHALL BE USED TO GUIDE A QUEUE OF VEHICLES THROUGH THE TEMPORARY TRAFFIC CONTROL ZONE OR DETOUR. IT SHALL BE USED IN RESTRICTED VISIBILITY OPERATIONS SUCH AS LINE CURVY TERRAINS WHERE FLAGGERS CAN'T SEE EACH OTHER (REQUIRE A CLEAR LINE-OF-SIGHT). PILOT CARS ARE NOT REQUIRED IN CONFINED OPERATIONS LESS THAN 250' I.e. CROSS DRAIN INSTALLATIONS OPERATIONS SUCH AS STRIPING OR OTHER LIMITED LANE CLOSURE UNLESS THERE ARE MULTIPLE CROSS DRAINS WITH A CONTINUOUS LANE CLOSURE). THE OPERATION OF THE PILOT VEHICLE SHALL BE COORDINATED WITH FLAGGING OPERATIONS OR OTHER CONTROLS AT EACH END OF THE ONE-LANE SECTION.





NO	DATE	REVISION DESCRIPTION	BY

ABBREVIATIONS FOR SOIL BORINGS

DESIGNED	D.C.	DATE	08-24-08	SHEET NO.	29
CHECKED	P.L.	DETAILED	D.C.		
CHECKED	P.L.	CHECKED	P.L.		
PARISH		FEDERAL PROJECT		STATE PROJECT	810-26-0019
CALCASIEU					

SHEET NUMBER

ABBREVIATIONS FOR SOIL BORINGS

HMAC - HOT MIX ASPHALTIC CONCRETE
ACP - ASPHALTIC CONCRETE PAVEMENT
PCC - PORTLAND CEMENT CONCRETE
SS - SAND SHELL
SCG - SAND CLAY GRAVEL
SSC - STABILIZED SOIL CEMENT
SC - SOIL CEMENT
LT - LIGHT

MED - MEDIUM
STY - SILTY
SDY - SANDY
SHLY - SHELLY
GRAV - GRAVELLY
LM - LOAM
CL - CLAY

DESIGN INFORMATION

(EXISTING ROADWAY)

STATE PROJECT	PARISH	SHEET NO.
810-26-0019	Calcasieu	30

CONTROL SECTION LOG MILE	DIST./ SIDE C/L	PAVEMENT			OVERLAY			BASE			SUBBASE			SHOULDER SURFACE			SHOULDER BASE		
		TYPE	DEPTH	WIDTH	TYPE	DEPTH	WIDTH	TYPE	DEPTH	WIDTH	TYPE	DEPTH	WIDTH	TYPE	DEPTH	WIDTH	TYPE	DEPTH	PI
0.48	7'9" RT	ACP	0"-6"	23'8"				SC	6"-14½"		STIFF YEL RD STY CL	BELOW 14½"							
0.48	15'3" RT													SHELLY GR STY LM	0"-12"	6'0"	STIFF YEL RD STY CL	BELOW 12"	
1.00	8'6" LT	ACP	0"-5½"	24'0"				SC	5½"-14"		STIFF RD GR STY CL	BELOW 14"							
1.00	14'11" LT													SHELLY GR BR STY LM	0"-12"	5'6"	STIFF YEL RD STY CL	BELOW 12"	
1.45	6'4" RT	ACP	0"-5½"	24'0"				SC	5½"-13½"		GR BR STY CL LM	BELOW 13½"							
1.45	15'7" RT													SHELLY GR STY LM	0"-12"	7'0"	STIFF YEL RD STY CL	BELOW 12"	

REMARKS:

DATE: 06/13/08

For: Devie Domingue

DISTRICT LABORATORY ENGINEER

SHEET 1 OF 2

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DESIGN INFORMATION
(EXISTING ROADWAY)

STATE PROJECT: 810-26-0019 | PARISH: Calcasieu | SHEET NO.: 31

CONTROL SECTION LOG MILE	DIST./ SIDE C/L	PAVEMENT TYPE	PAVEMENT DEPTH	PAVEMENT WIDTH	OVERLAY TYPE	OVERLAY DEPTH	OVERLAY WIDTH	BASE TYPE	BASE DEPTH	BASE WIDTH	SUBBASE TYPE	SUBBASE DEPTH	SUBBASE WIDTH	SHOULDER SURFACE TYPE	SHOULDER SURFACE DEPTH	SHOULDER SURFACE WIDTH	SHOULDER BASE TYPE	SHOULDER BASE DEPTH	SHOULDER BASE PI
2.10	5'7" LT	ACP	0"-5"	24'0"				SC	5"-13½"		YEL GR STY CL	BELOW 13½"							
2.10	15'2" LT													SHELLY GR BR STY LM	0"-12"	4'0"	STIFF YEL RD STY CL	BELOW 12"	
3.00	6'3" RT	ACP	0"-5½"	24'3"				SC	5½"-13½"		RD GR STY CL	BELOW 13½"							
3.00	14'3" RT													SHELLY GR STY LM	0"-12"	5'0"	STIFF YEL RD STY CL	BELOW 12"	
3.75	6'5" LT	ACP	0"-5"	24'2"				SC	5"-13½"		RD GR STY CL	BELOW 13½"							
3.75	14'6" LT													SHELLY GR STY LM	0"-12"	5'6"	STIFF YEL RD STY CL	BELOW 12"	

REMARKS:

DATE: 06/13/08

SHEET 2 OF 2

FOR: Derek Dominguez

DISTRICT LABORATORY ENGINEER

LOUISIANA DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT
SCHEDULE OF ITEMS

LEAD PROJECT: 810-26-0019
OTHER PROJECTS:

ITEM NUMBER	APPROXIMATE QUANTITY	UNIT OF MEASURE	PAY ITEM UNIT PRICE (IN WORDS, INK OR TYPED)
202-01	LUMP	LUMP SUM	REMOVAL OF STRUCTURES & OBSTRUCTIONS _____ DOLLARS _____ CENTS
202-02-E	48.0	LINEAR FOOT	REMOVAL OF CONCRETE CURBS _____ DOLLARS _____ CENTS
203-05	LUMP	LUMP SUM	EXCAVATION AND EMBANKMENT _____ DOLLARS _____ CENTS
203-07	345	CUBIC YARD	BORROW (VEHICULAR MEASUREMENT) _____ DOLLARS _____ CENTS
401-02	2,397	CUBIC YARD	AGGREGATE SURFACE COURSE (ADJUSTED VEHICULAR MEASUREMENT) _____ DOLLARS _____ CENTS
502-01	15,830.1	TON	SUPERPAVE ASPHALTIC CONCRETE _____ DOLLARS _____ CENTS

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ITEM NUMBER	APPROXIMATE QUANTITY	UNIT OF MEASURE	PAY ITEM UNIT PRICE (IN WORDS, INK OR TYPED)
502-01-A	3,330.8	TON	SUPERPAVE ASPHALTIC CONCRETE, DRIVES, TURNOUTS AND MISCELLANEOUS _____ DOLLARS _____ CENTS
509-01	79,342	SQUARE YARD	COLD PLANING ASPHALTIC PAVEMENT _____ DOLLARS _____ CENTS
509-02	-1,889	CUBIC YARD	CONTRACTOR RETAINED RECLAIMED ASPHALTIC PAVEMENT _____ DOLLARS _____ CENTS
510-01-B	768	SQUARE YARD	PAVEMENT PATCHING (12" MINIMUM THICKNESS) _____ DOLLARS _____ CENTS
510-02	169.3	SQUARE YARD	PAVEMENT WIDENING _____ DOLLARS _____ CENTS
713-01	LUMP	LUMP SUM	TEMPORARY SIGNS & BARRICADES _____ DOLLARS _____ CENTS

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ITEM NUMBER	APPROXIMATE QUANTITY	UNIT OF MEASURE	PAY ITEM UNIT PRICE (IN WORDS, INK OR TYPED)
713-02-E	180	LINEAR FOOT	TEMPORARY PAVEMENT MARKINGS (24" WIDTH) _____ DOLLARS _____ CENTS
713-03-A	10.350	MILE	TEMPORARY PAVEMENT MARKINGS (BROKEN LINE)(4" WIDTH)(4' LENGTH) _____ DOLLARS _____ CENTS
713-03-B	10.350	MILE	TEMPORARY PAVEMENT MARKINGS (BROKEN LINE)(4" WIDTH)(10' LENGTH) _____ DOLLARS _____ CENTS
713-04-A	32.782	MILE	TEMPORARY PAVEMENT MARKINGS (SOLID LINE)(4" WIDTH) _____ DOLLARS _____ CENTS
713-05-A	2	EACH	TEMPORARY PAVEMENT LEGENDS AND SYMBOLS (ARROW) _____ DOLLARS _____ CENTS
713-05-B	2	EACH	TEMPORARY PAVEMENT LEGENDS AND SYMBOLS (DOUBLE ARROW) _____ DOLLARS _____ CENTS

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ITEM NUMBER	APPROXIMATE QUANTITY	UNIT OF MEASURE	PAY ITEM UNIT PRICE (IN WORDS, INK OR TYPED)
713-05-D	8	EACH	TEMPORARY PAVEMENT LEGENDS AND SYMBOLS (RR CROSSING) _____ DOLLARS _____ CENTS
713-05-F	15	EACH	TEMPORARY PAVEMENT LEGENDS AND SYMBOLS (YIELD LINE) _____ DOLLARS _____ CENTS
727-01	LUMP	LUMP SUM	MOBILIZATION _____ DOLLARS _____ CENTS
729-16-B	44	EACH	OBJECT MARKER ASSEMBLY (Type 2) _____ DOLLARS _____ CENTS
729-16-C	4	EACH	OBJECT MARKER ASSEMBLY (Type 3) _____ DOLLARS _____ CENTS
731-02	1,045	EACH	REFLECTORIZED RAISED PAVEMENT MARKERS _____ DOLLARS _____ CENTS

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ITEM NUMBER	APPROXIMATE QUANTITY	UNIT OF MEASURE	PAY ITEM UNIT PRICE (IN WORDS, INK OR TYPED)
732-01-E	222	LINEAR FOOT	PLASTIC PAVEMENT STRIPING (24" WIDTH) _____ DOLLARS _____ CENTS
732-02-A	18.280	MILE	PLASTIC PAVEMENT STRIPING (SOLID LINE) (4" WIDTH) _____ DOLLARS _____ CENTS
732-03-A	6.085	MILE	PLASTIC PAVEMENT STRIPING (BROKEN LINE) (4" WIDTH) _____ DOLLARS _____ CENTS
732-04-A	12	EACH	PLASTIC PAVEMENT LEGENDS & SYMBOLS (ARROW) _____ DOLLARS _____ CENTS
732-04-B	1	EACH	PLASTIC PAVEMENT LEGENDS & SYMBOLS (DOUBLE ARROW) _____ DOLLARS _____ CENTS
732-04-D	4	EACH	PLASTIC PAVEMENT LEGENDS & SYMBOLS (RR CROSSING) _____ DOLLARS _____ CENTS

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ITEM NUMBER	APPROXIMATE QUANTITY	UNIT OF MEASURE	PAY ITEM UNIT PRICE (IN WORDS, INK OR TYPED)
732-04-F	10	EACH	PLASTIC PAVEMENT LEGENDS & SYMBOLS (YIELD LINE) _____ DOLLARS _____ CENTS
732-05	1.645	MILE	REMOVAL OF EXISTING MARKINGS _____ DOLLARS _____ CENTS
735-01	77	EACH	MAILBOXES _____ DOLLARS _____ CENTS
735-02	61	EACH	MAILBOX SUPPORTS (SINGLE) _____ DOLLARS _____ CENTS
735-03	17	EACH	MAILBOX SUPPORTS (DOUBLE) _____ DOLLARS _____ CENTS
735-04	1	EACH	MAILBOX SUPPORTS (MULTIPLE) _____ DOLLARS _____ CENTS

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ITEM NUMBER	APPROXIMATE QUANTITY	UNIT OF MEASURE	PAY ITEM UNIT PRICE (IN WORDS, INK OR TYPED)
740-01	LUMP	LUMP SUM	CONSTRUCTION LAYOUT _____ DOLLARS _____ CENTS
S-101	4	EACH	VIDEO DETECTION CAMERA AND TRAFFIC SIGNAL INTERFACE APPURTENANCES _____ DOLLARS _____ CENTS

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