

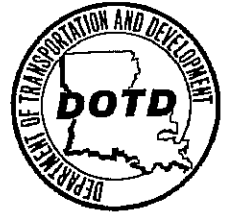


BOBBY JINDAL
GOVERNOR

**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

January 9, 2009

**STATE PROJECT NO. 451-02-0051
INDUSTRIAL DRIVE to FIFI BAYOU
ROUTE I-20
BOSSIER PARISH**

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

Gentlemen:

Attached are the construction proposal revisions dated 01/09/09 on the captioned project for which bids will be received on Wednesday, January 28, 2009.

The following changes have been made:

1. Added the special provision entitled **LANE CLOSURE RESTRICTIONS**. (1 page)
2. Revised the special provision entitled **ITEM S-001, HAULING AND STOCKPILING P.C.C. PAVEMENT**. (1 page)
3. Revised the special provision entitled **ITEM S-922, SAWING AND SEALING TRANSVERSE JOINTS IN ASPHALTIC CONCRETE OVERLAY** to include **ITEM S-927, SAWCUTS IN ASPHALTIC CONCRETE LIFTS**. (1 page)
4. Plan revision No. 1 is included. (21 pages)
5. Revised the Schedule of Items as follows: (6 pages)
 - a). Added Items 508-01 and S-927.
 - b) Revised the quantity of Items 502-01, 502-01-A, 509-01, 509-02, 703-01, 703-02, S-005 and S-922.

Please note these revisions in the proposal 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,

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

Attachments

pc: Mr. Brian Buckel
Mr. John Sanders
Mr. Steve Christner
Mr. Ben Thomas
Mr. Bob Taylor
Mr. Masood Rasoulia

LANE CLOSURE RESTRICTIONS: At the direction of the Project Engineer, lane closures on I-20 for certain short term minor work activities shall be restricted during peak hours in accordance with the following time schedule:

- | | |
|--------------------|---|
| 1). I-20 Eastbound | 3:00 PM to 7:00 PM, Monday thru Friday |
| 2). I-20 Westbound | 7:00 AM to 10:00 AM, Monday thru Friday |
| 3). I-20 Westbound | 3:00 PM to 7:00 PM, Monday thru Friday |

In addition, at the direction of the Project Engineer, lane closures on I-20 for certain work activities shall be restricted during the New Years, Memorial Day, July 4th, Labor Day, Christmas and Thanksgiving holiday travel periods.

Representative examples of applicable work activities include, but are not limited to, striping operations, placement of reflectorized raised pavement markers, erection of overhead signs, etc.

In the event of a hurricane evacuation, at the direction of the Project Engineer, all travel lanes in a condition to safely handle traffic at a posted speed limit of 60 MPH shall be opened to the traveling public and all work activities shall cease.

ITEM S-001, HAULING AND STOCKPILING P.C.C. PAVEMENT: This item consists of hauling and stockpiling as directed all broken p.c.c. pavement from ramp patching operations, main roadway bridge transition removal operations and the rest area removal operations as directed to the Lake Bisteneau Dam of Highway 154. The contractor shall break p.c.c. pavement to be delivered to DOTD into a maximum size of two (2) feet.

Payment for Hauling and Stockpiling P.C.C. Pavement will be made at the contract unit price per lump sum.

Payment will be made under:

Item S-001, Hauling and Stockpiling P.C.C. Pavement, per lump sum.

ITEMS S-922 AND S-927, SAWING AND SEALING TRANSVERSE JOINTS IN ASPHALTIC CONCRETE OVERLAY, AND SAWCUTS IN ASPHALTIC CONCRETE LIFTS: These items consist of sawing and sealing transverse joints in asphaltic concrete overlay and sawcuts in asphaltic concrete lifts in accordance with plan details and the following requirements.

Sawcuts shall be made in the overlay at the locations of all transverse joints in the concrete pavement, the existing joint between concrete pavement and asphaltic concrete shoulder and the existing joint between the concrete pavement and concrete shoulder. Before the overlay operation is started, the contractor shall accurately mark the location of each transverse joint in the existing concrete pavement and shoulder to the satisfaction of the engineer by placing a hub with a tack even with the ground at each edge of shoulder or by other approved methods. Offsets shall be measured from these hubs and tacks to locate the longitudinal joints.

All asphaltic concrete lifts shall be saw cut a minimum of 1/8 inch (3 mm) wide by 1 inch (25 mm) deep over the existing transverse concrete pavement joints. These saw cuts shall be made after the overlay has thoroughly cooled and shall be completed within 3 calendar days after each lift is placed, before any reflective cracking has developed or other courses placed.

Transverse joint reservoirs in the final wearing course shall be sawed to the dimensions shown on the plans. Sawing shall not begin until the overlay has thoroughly cooled. Joint faces shall be blown free of sawing slurry, dirt and water by compressed air just prior to resealing. The air compressor shall be equipped with an approved oil and water trap. The joint shall be dry before sealing. Joints which have become contaminated or dirty before sealing shall be recleaned as directed by the engineer.

An approved backer material conforming to Subsection 1005.02(a) and consisting of a closed-cell, crossed linked polyethylene or polyolefin 3/16-inch (5 mm) foam rod shall be placed as shown on the plans. The transverse joint shall be sealed with a sealant conforming to Subsection 1005.02(a) in accordance with plan details and the manufacturer's recommendations. The sealing operation shall be done as soon as possible after the sawing and cleaning and before traffic, including construction traffic, is allowed on the overlay. The sealed joints shall remain closed to traffic until, in the engineer's opinion, the sealant has satisfactorily cured to tack free.

The hot poured sealant shall be sampled in accordance with the Materials Sampling Manual.

Measurement of sawing and sealing transverse joints in asphaltic concrete pavement will be made by the linear foot (lin m) along the sealant reservoirs in the final wearing course. Measurement of sawcuts in asphaltic concrete lifts will be made by the linear foot (lin m) along the sawcuts in each lift.

Payment for sawing and sealing transverse joints in asphaltic concrete overlay will be made at the contract unit price, which includes locating and marking the joints, sawing the sealant reservoirs in the final wearing course, cleaning the sawed sealant reservoirs, backer material in the transverse joints, joint sealant, and all labor, equipment and incidentals necessary to complete these items. Payment for sawcuts in the asphaltic concrete lifts will be made at the contract unit price which includes locating the joints in each lift of asphaltic concrete, sawcuts in each lift of asphaltic concrete and all labor, equipment and incidentals necessary to complete this item.

Payment will be made under:

Item S-922, Sawing and Sealing Transverse Joints in Asphaltic Concrete Overlay,
per linear foot (lin m).

Item S-927, Sawcuts in Asphaltic Concrete Lifts, per linear foot (lin m).

STANDARD PLANS TO BE
USED ON THIS PROJECT

STANDARD PLAN REV. DATE
CP-01 2/26/08
EC-01 1/14/94
PM-01 1/21/98

STATE OF LOUISIANA
DEPARTMENT OF TRANSPORTATION
AND DEVELOPMENT

PLAN OF PROPOSED

STATE HIGHWAY

S.P. 451-02-0051
INDUSTRIAL DR. TO
FIFI BAYOU
BOSSIER PARISH
1-20

C.S.L.M. 6.104
STA. 10+00 E.B. BASELINE
BEGIN S.P. 451-02-0051

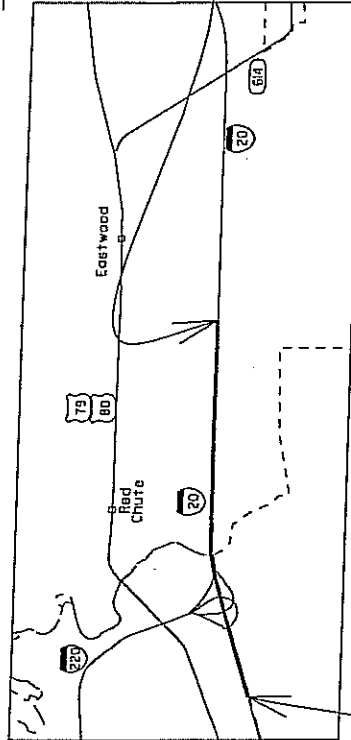
C.S.L.M. 9.802
STA. 205+27 E.B. BASELINE
END S.P. 451-02-0051

LENGTH OF PROJECT

GROSS LENGTH = 19,527'
EXCEPTIONS = 5,346'
BRIDGES = 311'
RDWY LENGTH = 14,181'

TRAFFIC DATA

2009 ADT = 38,458
2029 ADT = 49,922
D = 55 %
K = 10 %
T = 21 %



SEE PAGES 2 - 2a FOR PROJECT
BASELINES AND BRIDGE LOCATIONS

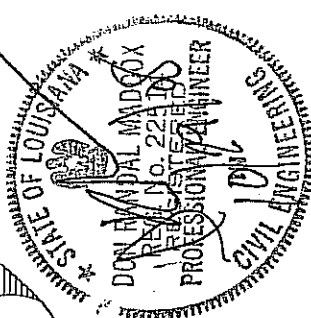
TYPE OF CONSTRUCTION:

RUBBLIZING PCC PAVEMENT, COLD PLANING
ASPHALT PAVEMENT, SHOULDER UNDERDRAINS,
ASPHALTIC CONCRETE SURFACING AND RELATED WORK

Date	Revision	Date	Recommended	Date	Approved
12/9/08	1, 2, 3, 4, 5, 6, 7, 8, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100	1-8-09	<i>[Signature]</i>	1-9-09	<i>[Signature]</i>

The 2006 Louisiana DOTD Standard Specifications for Roads and Bridges,
as amended by the project specifications, shall govern this project.

STATE PROJECT	PARISH	SHEET NUMBER
451-02-0051	BOSSIER	1



RECOMMENDED FOR APPROVAL:

[Signature] 10-28-08

DISTRICT ADMINISTRATOR DATE

APPROVED:

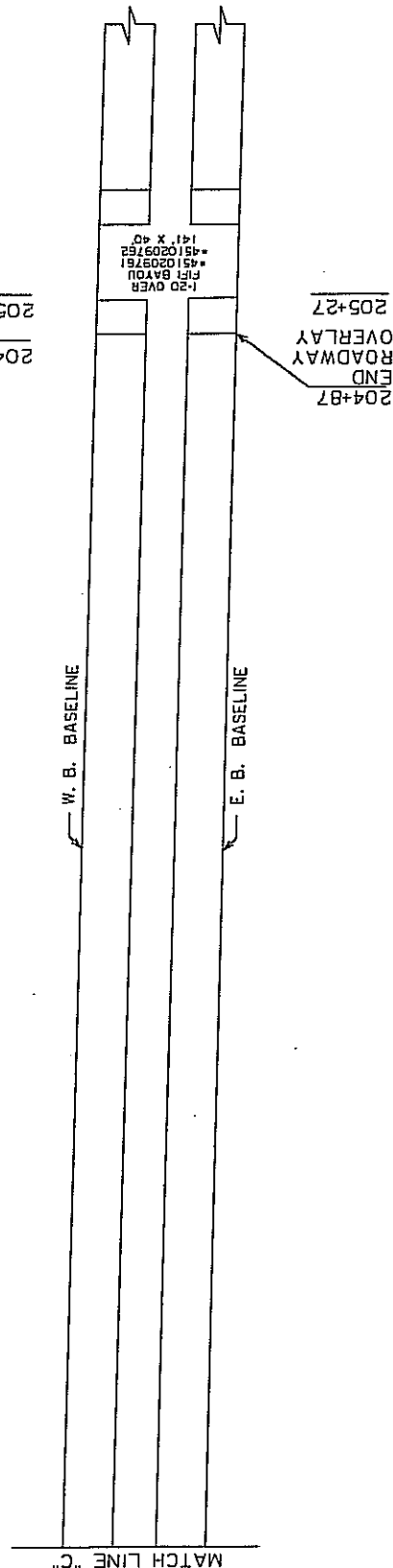
[Signature] 11-5-08
CHIEF ENGINEER DATE

STATE PROJECT	PARISH	SHEET NUMBER
451-02-0051	BOSSIER	2



12/09/08	WORK ADDED	JSH
DATE	REVISION	BY

STATE PROJECT	PARISH	SHEET NUMBER
451-02-0051	BOSSIER	2a



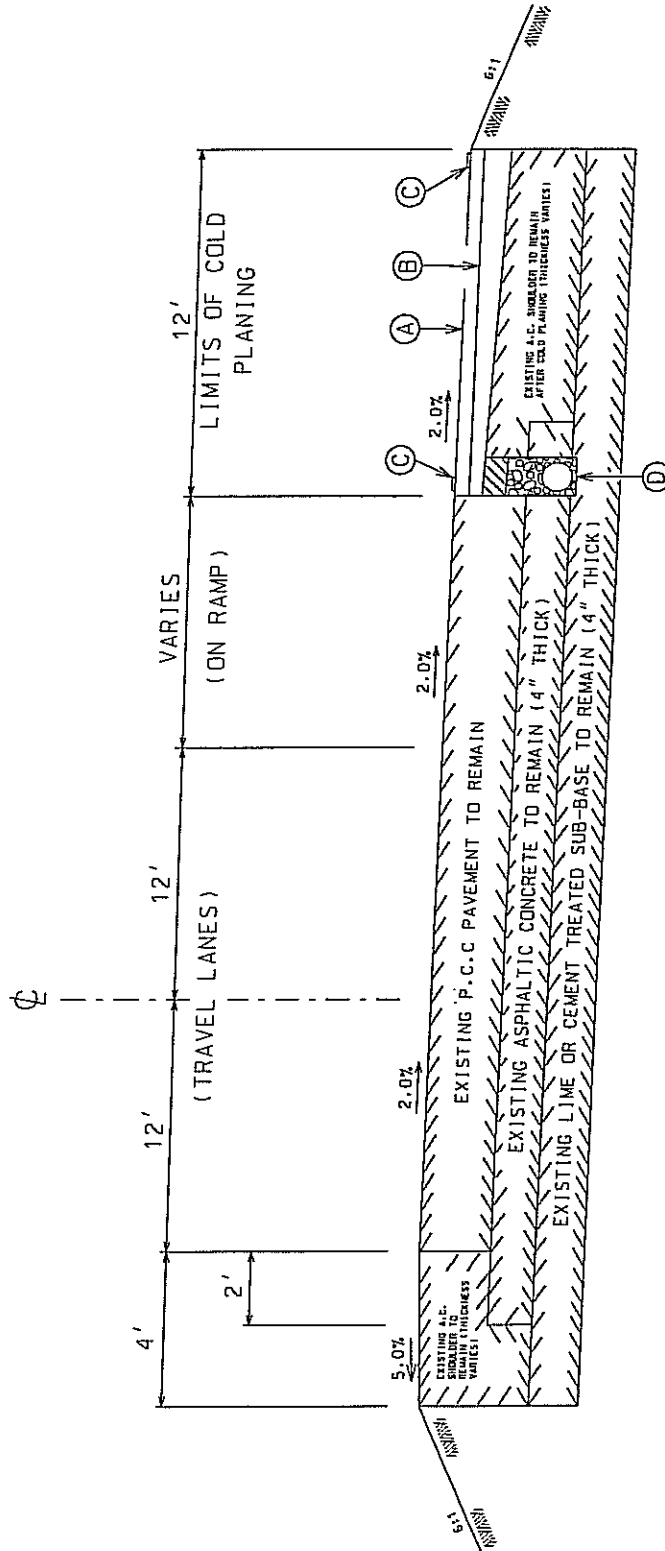
12/09/08	WORK ADDED	JSH
DATE	REVISION	BY

REQUIRED TYPICAL SECTION

EASTBOUND ROADWAY ONLY

STA. 72+73 - STA. 87+53 E.B.

STATE PROJECT	PARISH	SHEET NUMBER
451-02-0051	BOSSIER	3b



- (A) REQUIRED SUPERPAVE WEARING COURSE, (2\"
- (B) REQUIRED SUPERPAVE BINDER COURSE, (4.7\"
- (C) REQUIRED TEMPORARY STRIPING FOR AN 11' TEMPORARY OFF-RAMP.
- (D) REQUIRED SHOULDER UNDERDRAIN SYSTEM

NOTES:

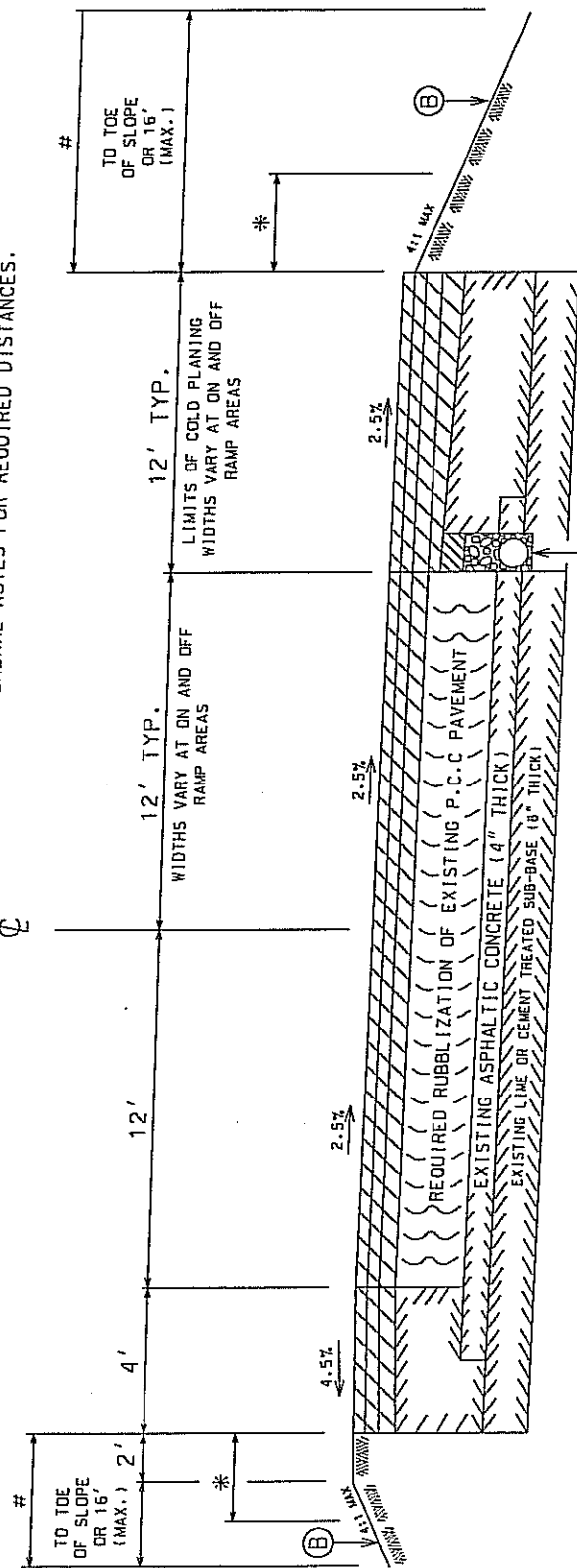
1. OUTSIDE SHOULDER SHALL BE COLD-PLANED TO AN AVERAGE DEPTH OF 4"
2. BINDER COURSE SHALL BE USED TO ACHIEVE REQUIRED CROSS SLOPE. THICKNESS SHOWN IS FOR ESTIMATING PURPOSES ONLY.
3. THE WORK FROM E.B. STA. 10+00 TO STA. 36+00 SHALL BE COMPLETED IN PHASE ONE. THIS SECTION SHALL BE COMPLETED TO 100% PRIOR TO ANY OTHER WORK ON THE EAST BOUND ROADWAY THAT WOULD REQUIRE LANE CLOSURES.

12/09/08	SHEET ADDED	JSH
DATE	REVISION	BY

MIRROR TYPICAL FOR WESTBOUND ROADWAY

57A- 143+90 - 51A, 203+22 W.B.

- LIMITS OF SEEDING AND FERTILIZATION.
SEE GENERAL NOTES FOR REQUIRED DISTANCES.



* SOIL TO BE STABILIZER MIXED TO A DEPTH OF 13" AT OUTSIDE SHOULDER AND A DEPTH OF 15" AT INSIDE SHOULDER FOR A 6' MINIMUM WIDTH.

(A) REQUIRED ASPHALTIC CONCRETE (FOR LIFT THICKNESSES AND TYPES, SEE "SUGGESTED ASPHALTIC CONCRETE LIFT DIAGRAM" SHEET NO. 11). TOTAL CALCULATED CUMULATIVE ESALS = 26,458,185 ESALS. (1)

4. SEE 'DETAIL FOR VERTICAL TRANSITIONS AT BRIDGE ENDS' FOR TRANSITION INFORMATION.

⑥ REQUIRED BORROW (MINIMUM P.I. OF 12)

12/09/08	ESAL'S ADDED	JSH
DATE	REVISION	BY

STATE PROJECT	PARISH	SHEET NO.
451-02-0051	ROSSIER	7

SEE "SUGGESTED ASPHALTIC CONCRETE LIFT DIAGRAM" SHEETS	PAYMENT AND LIFT THICKNESS TRANSITIONS TO AND FROM OVERPASS AREAS SHALL BE AS DIRECTED BY THE PROJECT ENGINEER	1	12/9/2008	QUANTITIES REVISED	JSH
				REVISION	BY

MAIN ROADWAY SHOULDER SURFACING															STATE PROJECT 451-02-0051		PARISH BOSSIER		SHEET NO. 8	
STATION	STATION	DESCRIPTION	LENGTH	WIDTH	AREA SQ. YARD	502-01 ASPH. CONC. WEARING COURSE (LEVEL 2F)		502-01 ASPH. CONC. WEARING COURSE (LEVEL 2F)		502-01 ASPH. CONC. BINDER COURSE (LEVEL 2)		502-01 ASPH. CONC. BINDER COURSE (LEVEL 2)		734-01 RUBBLIZE P.C.C. PAVEMENT (10" THICK)	509-01 COLD PLANNING					
						DEPTH	TON	DEPTH	TON	DEPTH	TON	DEPTH	TON							
EAST BOUND																				
91+51	140+16	INSIDE SHOULDER																		
140+16	144+16	INSIDE SHOULDER (BODCAU STA. RD. OVERPASS AREA)	4,885.0	4.0	2,182.2	2.0	237.8			2.5	297.3	4.0	475.7							
144+16	203+22	INSIDE SHOULDER	400.0	4.0	177.8			3.0	29.3											
			5,906.0	4.0	2,824.9	2.0	286.7			2.5	360.9	4.0	577.5							
91+51	203+22	INSIDE SHOULDER QUANTITY ADJUSTMENT TO ACCOUNT FOR GRADE CHANGE ON MAIN ROADWAY DUE TO RUBBLIZATION	11,171.0	4.0	4,964.9							1.0	273.1							
10+00	23+79	OUTSIDE SHOULDER																		
23+79	26+17	BRIDGE EXCEPTION	1,379.0	12.0	1,838.7	2.0	202.3					4.7	475.3		1,839					
26+17	36+00	OUTSIDE SHOULDER	238.0																	
36+00	72+73	ROADWAY EXCEPTION	983.0	12.0	1,310.7	2.0	144.2					4.7	336.8		1,311					
72+73	87+53	OUTSIDE SHOULDER	3,573.0																	
87+53	91+51	BRIDGE EXCEPTION	1,480.0	12.0	1,973.3	2.0	217.1					4.7	510.1		1,973					
91+51	92+64	OUTSIDE SHOULDER	988.0																	
92+64	98+21	OUTSIDE SHOULDER (REST AREA REMOVAL LOCATION)	113.0	10.0	125.6	2.0	13.8			2.5	17.3	6.8	47.0	2.5	126					
98+21	99+83	OUTSIDE SHOULDER	557.0	7.0	433.2	2.0	47.7			2.5	59.8	2.5	59.8	433						
99+83	111+79	OUTSIDE SHOULDER	182.0	4.0	72.0	2.0	7.9			2.5	9.9	6.8	26.9	2.5						
111+79	120+56	OUTSIDE SHOULDER (REST AREA REMOVAL LOCATION)	1,198.0	12.0	1,594.7	2.0	175.4			2.5	219.3	6.8	72	2.5	1,595					
120+56	123+64	OUTSIDE SHOULDER	879.0	7.0	683.7	2.0	75.2			2.5	94.0	2.5	94.0	684						
123+64	140+16	OUTSIDE SHOULDER	306.0	10.0	340.0	2.0	37.4			2.5	46.8	6.8	127.2	2.5	340					
140+16	144+16	OUTSIDE SHOULDER (BODCAU STA. RD. OVERPASS AREA)	1,652.0	12.0	2,202.7	2.0	242.3			2.5	302.9	6.8	823.8	2.5	904					
144+16	203+22	OUTSIDE SHOULDER	400.0	12.0	533.3					2.5				2.5	533					
			5,906.0	12.0	7,574.7	2.0	866.2	3.0	86.0			4.7	137.9	2.5	7,575					
91+51	203+22	OUTSIDE SHOULDER QUANTITY ADJUSTMENT TO ACCOUNT FOR GRADE CHANGE ON MAIN ROADWAY DUE TO RUBBLIZATION	11,171.0	12.0	14,894.7							1.0	819.2							
PAGE TOTAL							2,556.0		117.3		2,490.8		8,327.6	1,117	16,568					
SEE 'SUGGESTED ASPHALTIC CONCRETE LIFT DIAGRAM' SHEETS																				
DENOTES AVERAGE VALUE																				
										DATE		REVISION		JSH						
										12/9/2008				BY						

DATED 01/08/09 15:07:12

STATE PROJECT	PARISH	SHEET NO.
451-02-0051	BOSSIER	10

SUMMARY OF ESTIMATED QUANTITIES

ITEM NO.	ITEM	UNIT	QUANTITY S.P. NO. 451-02-0051	TOTAL QUANTITY
202-02-C	REMOVAL OF PORTLAND CEMENT CONCRETE PAVEMENT	SOYD	8,314	
202-02-G	REMOVAL OF SURFACING & STABILIZED BASE	SOYD	6,102.6	
203-07	BORROW (VEHICULAR MEASUREMENT)			
502-01	SUPERPAVE ASPHALTIC CONCRETE	CUYD	18,458	
502-01-A	SUPERPAVE ASPHALTIC CONCRETE	TON	50,033.6	
508-01	SUPERPAVE ASPHALTIC CONCRETE, DRIVES, TURNOUTS AND MISCELLANEOUS	TON	3,500.0	
509-01	ASPHALT CONCRETE (SMA) WEARING COURSE	TON	7,370.9	
509-02	COLD PLANING ASPHALTIC PAVEMENT	SOYD	30,417	
703-01	CONTRACTOR RETAINED RECLAIMED ASPHALTIC PAVEMENT	CUYD	-1,744	
703-02	SHOULDER UNDERDRAIN SYSTEMS	LNFT	24,722	
706-03-C	SHOULDER OUTLET UNDERDRAINS	EACH	83	
713-01	INCIDENTAL CONCRETE PAVING (6" THICK)	SOYD	172.3	
713-03-A	TEMPORARY SIGNS & BARRICADES	LUMP		
713-04-A	TEMPORARY PAVEMENT MARKINGS (BROKEN LINE) (4" WIDTH) (4' LENGTH)	MILE	4.449	
716-01-A	TEMPORARY PAVEMENT MARKINGS (SOLID LINE) (4" WIDTH)	MILE	36.588	
727-01	MULCH (VEGETATIVE)	TON	13.7	
731-02	MOBILIZATION	LUMP		
732-02-A	REFLECTORIZED RAISED PAVEMENT MARKERS	EACH	600	
732-02-E	PLASTIC PAVEMENT STRIPING (SOLID LINE) (4" WIDTH)	MILE	18.839	
732-03-A	PLASTIC PAVEMENT STRIPING (SOLID LINE) (24" WIDTH)	MILE	0.011	
732-05	PLASTIC PAVEMENT STRIPING (BROKEN LINE) (4" WIDTH)	MILE	4.960	
734-01	REMOVAL OF EXISTING MARKINGS	MILE	4.952	
739-01	RUBBLIZING PORTLAND CEMENT CONCRETE PAVEMENT	SOYD	67,033	
740-01	HYDRO-SEEDING	ACRE	9.14	
5-001	CONSTRUCTION LAYOUT	LUMP		
5-002	HAULING AND STOCKPILING P.C.C. PAVEMENT	LUMP		
5-003	RUBBLIZATION PREP.	LUMP		
	PCCP JOINT MEMBRANE	LUMP		
		LNFT	3,248	

1 01/08/09 ADD & REVISE ITEMS

DATED 01/08/09 15:07:12

STATE PROJECT	PARISH	SHEET NO.
451-02-0051	BOSSIER	109

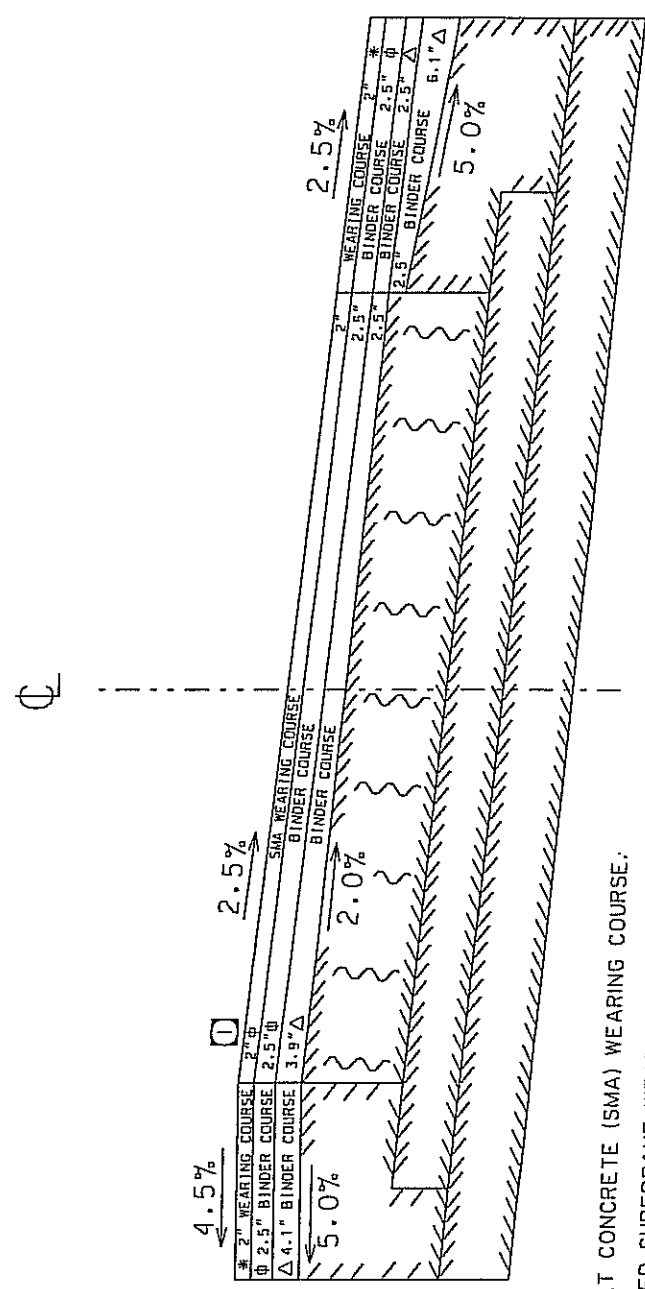
SUMMARY OF ESTIMATED QUANTITIES

ITEM NO.	ITEM	UNIT	QUANTITY S.P. NO. 451-02-0051	TOTAL QUANTITY
S-004	PCCP SAWCUTTING	LNFT	1,257	
S-005	DYNAMIC MESSAGE SIGN UNIT	EACH	10	
S-006	RUMBLE STRIPS (GROUND-IN)	MILE	8.8	
S-007	SOIL MIXING	LUMP	LUMP	
S-008	ADJUSTING GUARDRAIL	LUMP	LUMP	
S-922	SAWING AND SEALING TRANSVERSE JOINTS IN ASPHALTIC CONCRETE OVERLAY	LNFT	3,600	
S-927	SAWCUTS IN ASPHALTIC CONCRETE LIFTS	LNFT	4,500	

1 01/08/09 ADD & REVISE ITEMS

STATE PROJECT	PARISH	SHEET NUMBER
451-02-0051	BOSSIER	11

SUGGESTED ASPHALTIC CONCRETE LIFT DIAGRAM (RUBBLIZE AND OVERLAY AREAS)



- ☐ ASPHALT CONCRETE (SMA) WEARING COURSE.
- * REQUIRED SUPERPAVE WEARING COURSE, (LEVEL 2F), 1/2" NOM. MAX. SIZE AGGREGATE.
- ☐ REQUIRED SUPERPAVE BINDER COURSE, (LEVEL 2), 3/4" NOM. MAX. SIZE AGGREGATE.
- Δ REQUIRED SUPERPAVE BINDER COURSE, (LEVEL 2), 1" NOM. MAX. SIZE AGGREGATE. SHOULDERS SHALL BE USED TO ACHIEVE REQUIRED CROSS SLOPE. THICKNESSES SHOWN ON BOTTOM BINDER COURSES ARE FOR ESTIMATING PURPOSES ONLY. REQUIRED ASPHALT SHALL BE AS PER TABLE 502-2 IN THE 2006 LOUISIANA DOTD STANDARD SPECIFICATIONS FOR ROADS AND BRIDGES.

NOTE:

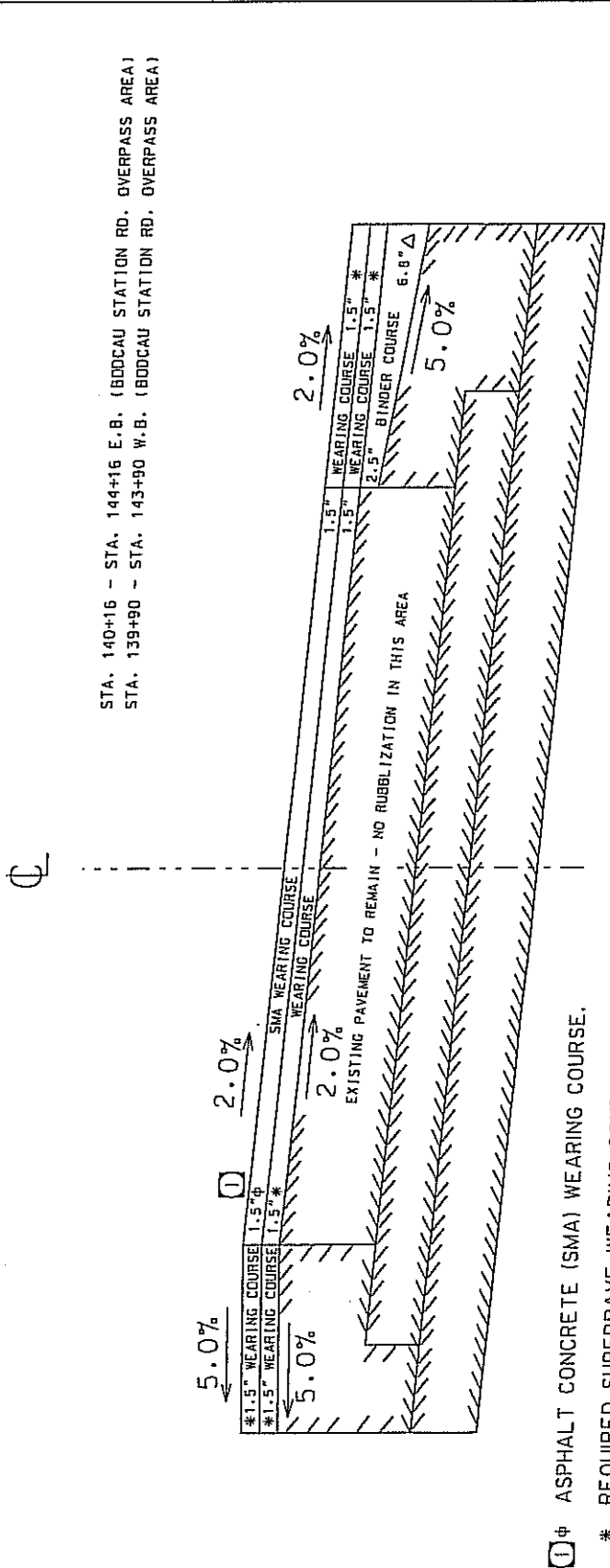
THE EXISTING CROSS-SLOPES SHOWN ON THIS TYPICAL ARE APPROXIMATIONS BASED ON PREVIOUS PLANS AND ARE NOT INTENDED TO BE CONSTRUED AS BEING EXACT.

12/09/08	ITEM CHANGED	JSH
DATE	REVISION	BY

STATE PROJECT	PARISH	SHEET NUMBER
451-02-0051	BOSSIER	12

SUGGESTED ASPHALTIC CONCRETE LIFT DIAGRAM

(OVERPASS AREA ONLY)



- 1. THE EXISTING CROSS-SLOPES SHOWN ON THIS TYPICAL ARE APPROXIMATIONS BASED ON PREVIOUS PLANS AND ARE NOT INTENDED TO BE CONSTRUED AS BEING EXACT.
- 2. PAVEMENT, LIFT THICKNESS AND CROSS-SLOPE TRANSITIONS TO AND FROM OVERPASS AREA SHALL BE AS DIRECTED BY THE PROJECT ENGINEER.

12/09/08	ITEM CHANGED	JSH
DATE	REVISION	BY

GENERAL NOTES

STATE PROJECT	PARISH	SHEET NUMBER
451-02-0051	BOSSIER	21

1. THE CONTRACTOR MAY CLOSE ONE LANE UNDER THE FOLLOWING CONDITIONS: 1) WORK IN THE ENTIRE LANE CLOSURE WILL BE PERFORMED WITHIN 24 HOURS OF THE CLOSURE OR THE WORK PREVIOUSLY PERFORMED IN THE LANE CLOSURE IS UNSUITABLE FOR TRAFFIC. 2) THE OPEN LANE WILL BE IN A CONDITION SO AS TO SAFELY HANDLE TRAFFIC AT A POSTED SPEED LIMIT OF 60 MPH. 3) NOTIFICATION OF THE LANE CLOSURE IS GIVEN TO THE PROJECT ENGINEER AT LEAST 72 HOURS PRIOR TO THE CLOSURE. 4) A SKETCH IS PROVIDED TO THE PROJECT ENGINEER AT LEAST 72 HOURS PRIOR TO THE LANE CLOSURE THAT INDICATES THE LOCATION AND TYPE OF TRAFFIC CONTROL DEVICES ANTICIPATED FOR THE LANE CLOSURE. (CONTRACTOR IS REFERRED TO NOTE #6 CONCERNING LANE CLOSURES DURING THE CONSTRUCTION OF THE FINAL LIFT OF WEARING COURSE)
2. ALL EXISTING RAISED PAVEMENT MARKERS AND ASPHALTIC CONCRETE SKIN-PATCHES SHALL BE REMOVED PRIOR TO BEGINNING RUBBLIZATION OPERATIONS. COST SHALL BE INCLUDED IN ITEM S-002, RUBBLIZATION PREP.
3. ANY AREAS DAMAGED ON THE MEDIAN OR SLOPES DURING CONSTRUCTION BY THE CONTRACTOR SHALL BE REPAIRED TO THE SATISFACTION OF THE PROJECT ENGINEER AT NO COST TO THE DEPARTMENT.
4. ON ASPHALTIC CONCRETE OVERLAY SECTIONS, EMBANKMENT SHALL BE BROUGHT UP TO TOP OF PREVIOUS LIFT PRIOR TO PLACING SUBSEQUENT LIFTS IF ADJACENT TRAFFIC IS PRESENT.
5. THE CONTRACTOR'S MATERIAL AND EQUIPMENT STORAGE SHALL BE PROHIBITED WITHIN THE 34' FROM THE EDGE OF THE TRAVEL LANES.
6. ON THE RUBBLIZE AND OVERLAY SECTIONS, ALL ASPHALTIC CONCRETE EXCEPT THE FINAL LIFT OF WEARING COURSE WILL BE COMPLETED PRIOR TO OPENING THE LANE TO TRAFFIC. DURING THE CONSTRUCTION OF THE FINAL LIFT OF WEARING COURSE, ALL AVAILABLE LANES WILL BE OPEN. TEMPORARY STRIPING WILL BE INSTALLED IMMEDIATELY BEHIND THE WEARING COURSE SO THAT ALL LANES WILL BE OPEN WHEN ACTUAL WORK ON THE WEARING COURSE IS NOT IN PROGRESS.
7. MATERIAL GENERATED FROM COLD PLANING RETAINED BY THE CONTRACTOR WILL BE CREDITED TO DOTD UNDER ITEM 509-02. CONTRACTOR RETAINED RECLAIMED ASPHALTIC PAVEMENT. RECLAIMED PAVEMENT MATERIAL NOT RETAINED BY THE CONTRACTOR SHALL BE HAULED TO THE DOTD DISTRICT 04 HEADQUARTERS STORAGE YARD, 3339 INDUSTRIAL DRIVE, BOSSIER CITY, AND STOCKPILED AS DIRECTED. THE CONTRACTOR MAY RETAIN A MAXIMUM OF 75% OF COLD PLANED MATERIAL.



12/09/08

NOTE REVISED

JSH

DATE

REVISION

BY

GENERAL NOTES

STATE PROJECT	PARISH	SHEET NUMBER
451-02-0051	BOSSIER	22

8. ALL SIGNS (EXISTING OR OTHERWISE) THAT CONFLICT DURING PHASES AND STAGES OF CONSTRUCTION SHALL BE COVERED AS DIRECTED BY THE PROJECT ENGINEER. TEMPORARY REFLECTORIZED DEVICES SHALL BE PLACED ON SIGNPOSTS THAT HAVE SIGNS COVERED OR REMOVED. COST SHALL BE INCLUDED IN ITEM 713-01.
9. ANY EXISTING PAVEMENT STRIPING WHICH CONFLICTS WITH TEMPORARY MARKINGS OR IN THE PROJECT ENGINEER'S OPINION, IS CONFUSING, SHALL BE REMOVED. COST SHALL BE INCLUDED IN ITEM 732-05, REMOVAL OF EXISTING MARKINGS.
10. LIMITS OF HYDROSEEDING SHALL BE LIMITED TO DISTURBED AREAS ONLY.
11. AN APPROVED ASPHALTIC EMULSION SHALL BE USED AS THE TACKING AGENT FOR THE VEGETATIVE MULCH APPLICATION. COST SHALL BE INCLUDED IN ITEM 716-01-A.
12. AREAS OF MAIN LINE SURFACING AND BASE THAT ARE TO BE REMOVED NEAR EXISTING APPROACH BRIDGE ENDS" SHEET).
13. THE CONTRACTOR SHALL HAUL AND STOCKPILE AS DIRECTED ALL BROKEN P.C.C. PAVEMENT FROM MAIN ROADWAY BRIDGE TRANSITION REMOVAL OPERATIONS AND THE REST AREA REMOVAL OPERATIONS TO THE LAKE BISTENEAU DAM ON HIGHWAY 154. THE CONTRACTOR SHALL BREAK P.C.C. PAVEMENT TO BE DELIVERED TO DOTD INTO AN AVERAGE SIZE OF 2'. COST SHALL BE INCLUDED IN ITEM S-001, HAULING AND STOCKPILING P.C.C. PAVEMENT.
14. CONTRACTOR SHALL INSURE THAT A MINIMUM VERTICAL CLEARANCE OF 16' IS MAINTAINED AT THE OVERPASS LOCATIONS.
15. REQUIRED PAVEMENT CROSS-SLOPE TRANSITIONS AT BEGINNING AND END OF PROJECT AND AT THE OVERPASS LOCATIONS TO BE DETERMINED BY THE PROJECT ENGINEER.

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GENERAL NOTES

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26. WATER SHALL BE APPLIED TO THE RUBBLIZED CONCRETE AFTER THE FIRST PASS AND PRIOR TO THE FINAL PASS WITH THE ROLLER TO FACILITATE COMPACTION. CARE SHOULD BE TAKEN TO NOT DAMAGE THE SUBGRADE BY OVER WATERING. COST SHALL BE INCLUDED IN ITEM 734-01.
27. GUARDRAILS SHALL BE REMOVED PRIOR TO PLACING GUARDRAIL PAD OVERLAY AND REINSTALLED AFTERWARD AT THE CORRECT GRADE. COSTS FOR GUARDRAIL REMOVAL AND REINSTALLATION SHALL BE INCLUDED IN ITEM S-008. GUARDRAIL PAD OVERLAY SHALL BE PAID FOR UNDER ITEM 502-01-A.
28. THE CONTRACTOR SHALL LAY LEVELING MIX IN DEPRESSED AREAS CHOSEN BY THE PROJECT ENGINEER PRIOR TO PLACEMENT OF THE BINDER COURSES. LEVELING MIX SHALL BE LAID BASED ON AN ERECTED STRING LINE WITH 50' MAXIMUM SPACING OF ANCHOR POINTS OR OTHER LEVELING METHOD APPROVED BY THE ENGINEER.
29. DYNAMIC MESSAGE SIGN PLACEMENT AND MESSAGES SHALL BE DONE WITH COORDINATION FROM THE DISTRICT TRAFFIC OPERATIONS ENGINEER.
30. EASTBOUND I-220 SHALL BE CLOSED DURING PHASES 1 AND 3 OF THE PROJECT TO PROMOTE TRAFFIC TO DETOUR ONTO U.S. 80 EAST, WITH PROPER DETOUR SIGNING ALONG THE DETOUR ROUTE.

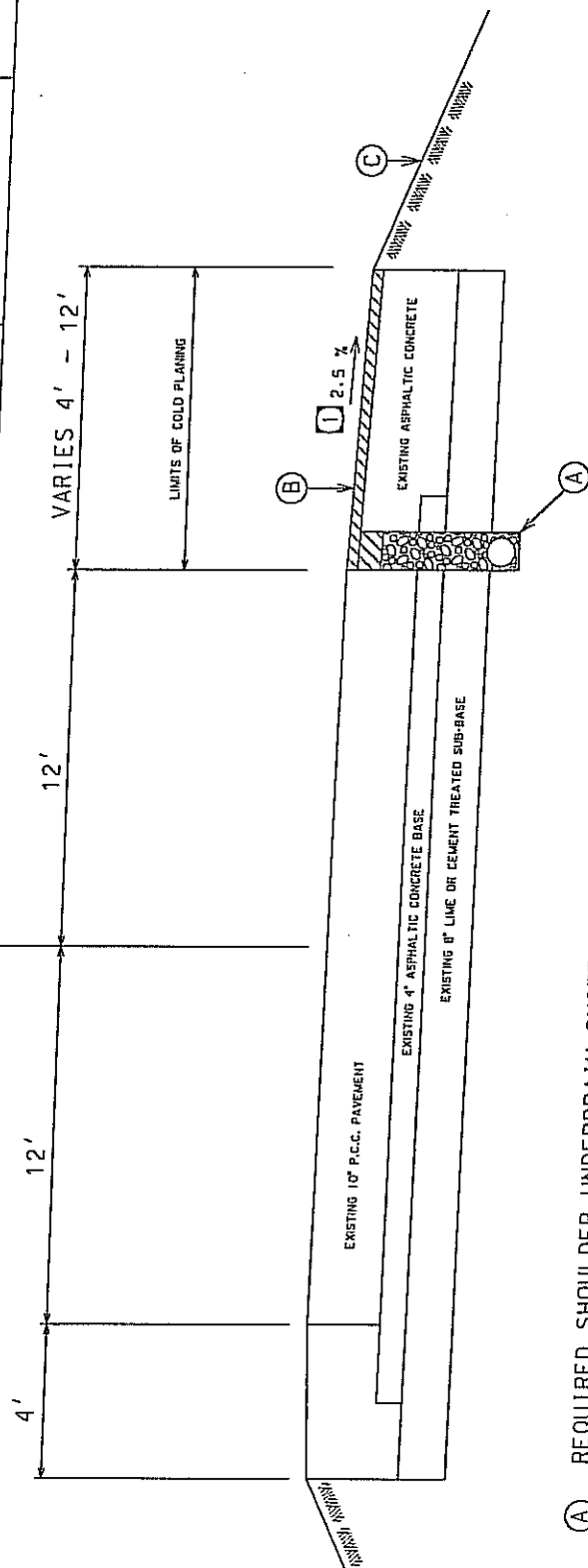
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G-27a

MIRROR TYPICAL FOR WESTBOUND ROADWAY

6



- (A) REQUIRED SHOULDER UNDERDRAIN SYSTEM
(B) REQUIRED SHOULDER COLD PLANE AND OVERLAY
(C) REQUIRED BORROW

PHASE I

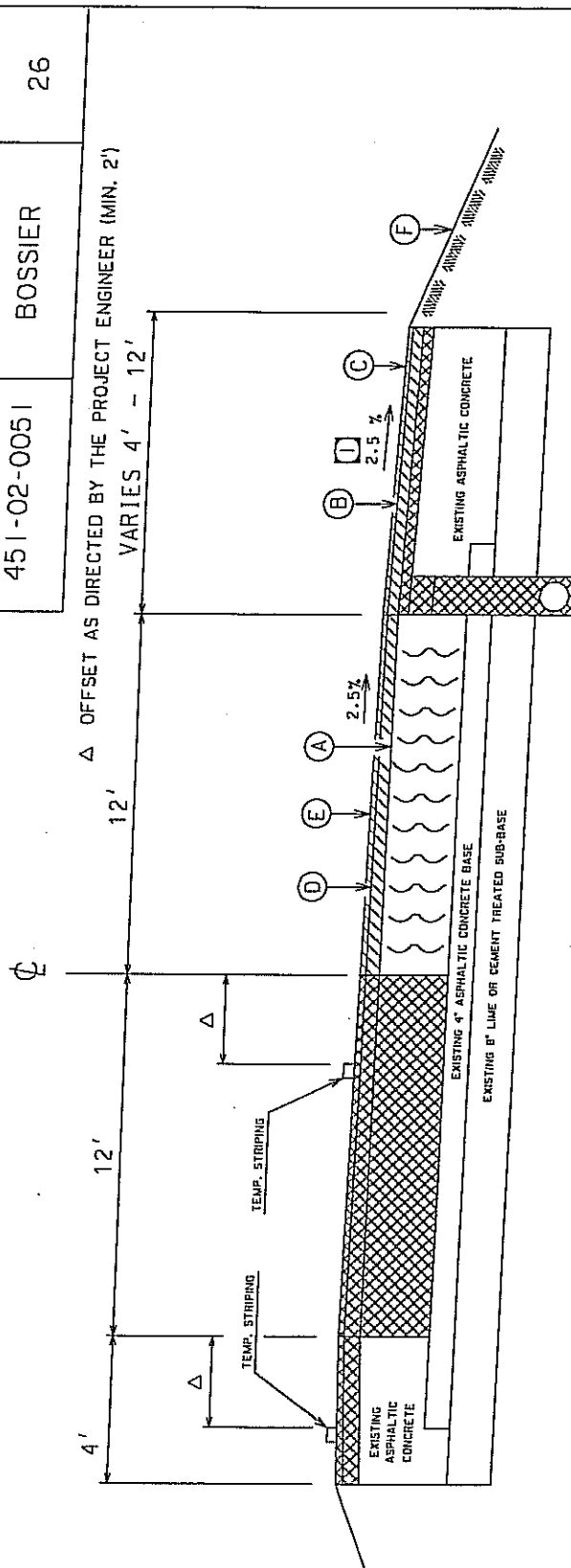
1. USE TEMPORARY TRAFFIC CONTROL DEVICES AND CLOSE THE OUTSIDE (RIGHT) LANE.
2. COLD PLANE (2.5" AVG DEPTH) EXISTING RIGHT SHOULDER
3. PLACE REQUIRED SHOULDER UNDERDRAIN SYSTEM INCLUDING OUTLETS.
4. PLACE REQUIRED 2.5" ASPHALTIC CONCRETE BINDER COURSE
5. USING BORROW. BRING FORESLOPE UP TO MATCH OVERLAY.
6. STRIPE FOR ONE TEMPORARY TRAVEL LANE FOR NEXT PHASE (12' LANE WIDTH WITH MIN. 2' OFFSETS).

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PHASE III

MIRROR TYPICAL FOR WESTBOUND ROADWAY

STATE PROJECT	PARISH	SHEET NUMBER
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- (A) REQUIRED RUBBLIZATION OF 10" P.C.C. PAVEMENT
- (B) REQUIRED ASPHALTIC CONCRETE BINDER COURSE
- (C) REQUIRED ASPHALTIC CONCRETE BINDER COURSE
- (D) REQUIRED ASPHALTIC CONCRETE BINDER COURSE
- (E) REQUIRED ASPHALTIC CONCRETE BINDER COURSE
- (F) REQUIRED BORROW

PHASE III

1. CHANNEL TRAFFIC ONTO TEMPORARY LANE.
2. RUBBLIZE REMAINING 10" P.C.C. PAVEMENT FOR 12' WIDTH.
3. PLACE REQUIRED ASPHALTIC CONCRETE BINDER COURSES.
4. USING BORROW, BRING FORESLOPE UP TO MATCH OVERLAY.
5. PLACE BROKEN AND SOLID TEMPORARY STRIPING ON RIGHT LANE.
6. CHANNEL TRAFFIC ON RIGHT LANE AND PLACE SOLID TEMPORARY STRIPING ON LEFT LANE.



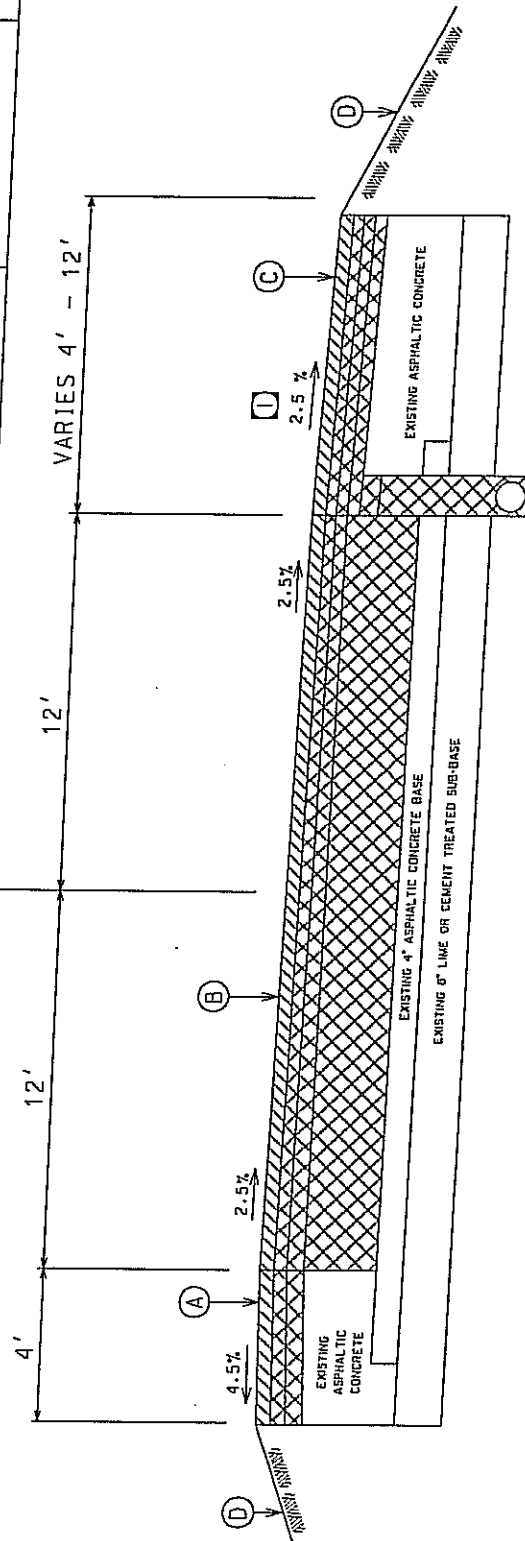
DENOTES WORK PERFORMED IN PREVIOUS PHASE.

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PHASE IV

MIRROR TYPICAL FOR WESTBOUND ROADWAY

CL



- (A) REQUIRED 2" ASPHALTIC CONCRETE WEARING COURSE
- (B) REQUIRED 2" ASPHALTIC CONCRETE WEARING COURSE
- (C) REQUIRED 2" ASPHALTIC CONCRETE WEARING COURSE
- (D) REQUIRED BORROW

PHASE V

1. PLACE REQUIRED 2" ASPHALTIC CONCRETE WEARING COURSE ON ROADWAY AND SHOULDERS. ALL LANES SHALL REMAIN OPEN EXCEPT IN THE IMMEDIATE VICINITY OF THE PAVING OPERATIONS.
2. USING BORROW, BRING FORESLOPE UP TO MATCH OVERLAY. BORROW MUST BE ABLE TO SUPPORT VEGETATION GROWTH.
3. USING TEMPORARY TRAFFIC CONTROL DEVICES TO CHANNEL TRAFFIC AS NEEDED. APPLY EROSION CONTROL ITEMS, GRIND RUMBLE STRIPS, AND APPLY PERMANENT STRIPING, AND MARKINGS.

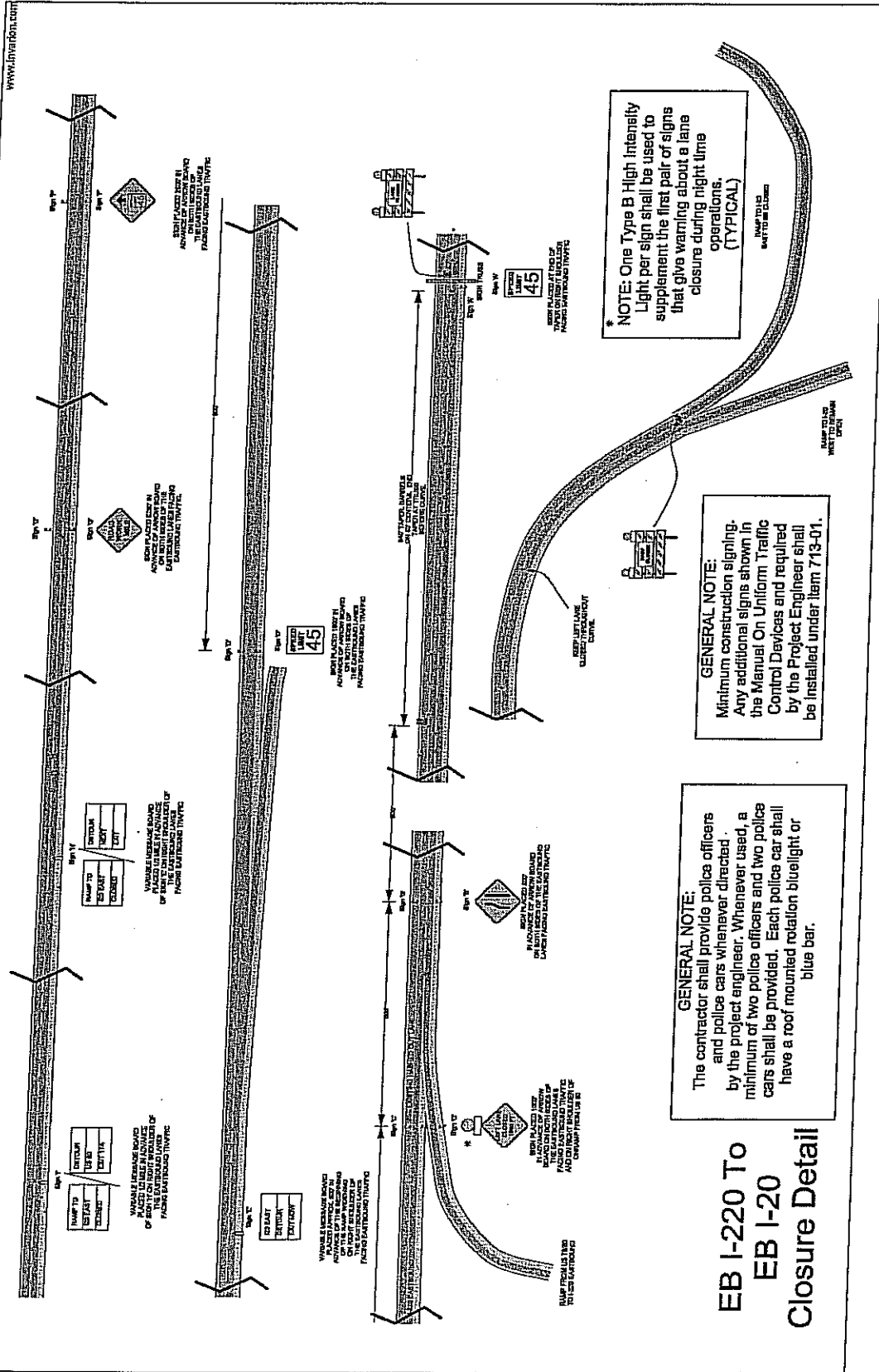


DENOTES WORK PERFORMED IN PREVIOUS PHASES.

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TRAFFIC DETAILS

STATE PROJECT	PARISH	SHEET No.
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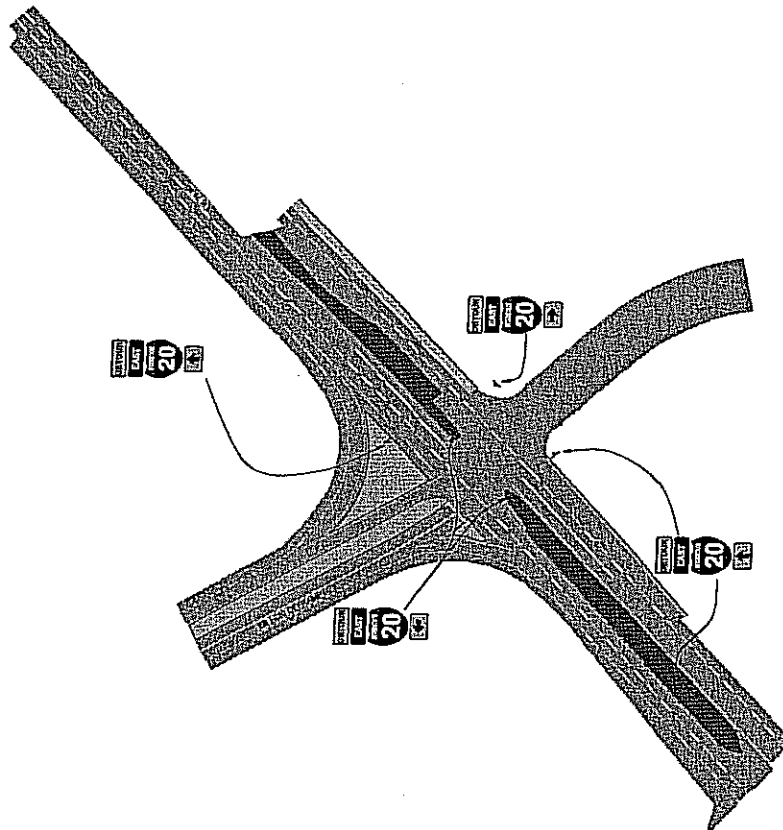


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TRAFFIC DETAILS

STATE PROJECT	PARISH	SHEET NO.
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TRAFFIC DETAILS

Eastbound I-20



STATE PROJECT	PARISH	SHEET NUMBER
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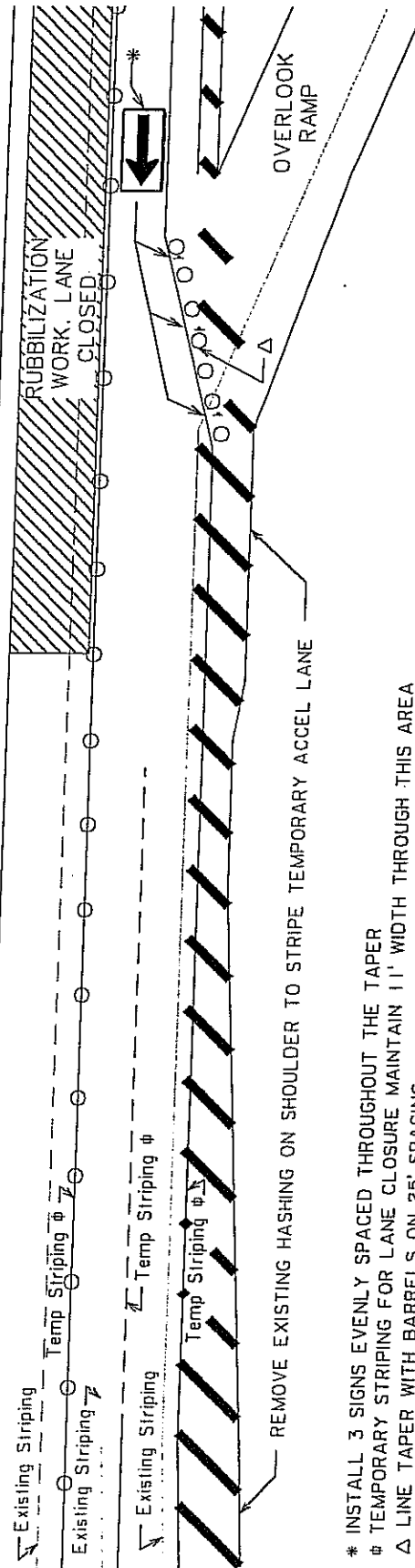
STA 74+72 Striped Gore Point
STA 75+00 Beg Broken Line Striping

STA 87+53 Begin Approach
STA 87+93 End Approach/ Beg Bridge
BRIDGE OVER
RED CHUTE BAYOU
STA 88+50 End Broken Line Striping (Accl Lane)
STA 89+46 End Bridge/ Beg Approach
STA 89+86 End Approach

STA 93+00 End Accl Lane Edgeline Striping/ Begin Taper
STA 93+24 Begin Overlook Ramp

STA 96+00 End Taper

STA 98+11 Gore Point for Overlook Ramp



* INSTALL 3 SIGNS EVENLY SPACED THROUGHOUT THE TAPER
 phi TEMPORARY STRIPING FOR LANE CLOSURE MAINTAIN 11' WIDTH THROUGH THIS AREA
 delta LINE TAPER WITH BARRELS ON 25' SPACING

1

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LOUISIANA DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT
SCHEDULE OF ITEMS

LEAD PROJECT: 451-02-0051
OTHER PROJECTS:

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ITEM NUMBER	APPROXIMATE QUANTITY	UNIT OF MEASURE	PAY ITEM UNIT PRICE (IN WORDS, INK OR TYPED)
202-02-C	8,314	SQUARE YARD	REMOVAL OF PORTLAND CEMENT CONCRETE PAVEMENT DOLLARS CENTS
202-02-G	6,102.6	SQUARE YARD	REMOVAL OF SURFACING & STABILIZED BASE DOLLARS CENTS
203-07	18,458	CUBIC YARD	BORROW (VEHICULAR MEASUREMENT) DOLLARS CENTS
502-01	50,033.6	TON	SUPERPAVE ASPHALTIC CONCRETE DOLLARS CENTS
502-01-A	3,500.0	TON	SUPERPAVE ASPHALTIC CONCRETE, DRIVES, TURNOUTS AND MISCELLANEOUS DOLLARS CENTS
508-01	7,370.9	TON	ASPHALT CONCRETE (SMA) WEARING COURSE DOLLARS CENTS

LOUISIANA DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT
SCHEDULE OF ITEMS

LEAD PROJECT: 451-02-0051
OTHER PROJECTS:

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ITEM NUMBER	APPROXIMATE QUANTITY	UNIT OF MEASURE	PAY ITEM UNIT PRICE (IN WORDS, INK OR TYPED)
509-01	30,417	SQUARE YARD	COLD PLANING ASPHALTIC PAVEMENT DOLLARS CENTS
509-02	-1,744	CUBIC YARD	CONTRACTOR RETAINED RECLAIMED ASPHALTIC PAVEMENT DOLLARS CENTS
703-01	24,722	LINEAR FOOT	SHOULDER UNDERDRAIN SYSTEMS DOLLARS CENTS
703-02	83	EACH	SHOULDER OUTLET UNDERDRAINS DOLLARS CENTS
706-03-C	172.3	SQUARE YARD	INCIDENTAL CONCRETE PAVING (6" THICK) DOLLARS CENTS
713-01	LUMP	LUMP SUM	TEMPORARY SIGNS & BARRICADES DOLLARS CENTS

LOUISIANA DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT
SCHEDULE OF ITEMS

LEAD PROJECT: 451-02-0051
OTHER PROJECTS:

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ITEM NUMBER	APPROXIMATE QUANTITY	UNIT OF MEASURE	PAY ITEM UNIT PRICE (IN WORDS, INK OR TYPED)
713-03-A	4.449	MILE	TEMPORARY PAVEMENT MARKINGS (BROKEN LINE) (4" WIDTH) (4' LENGTH) DOLLARS CENTS
713-04-A	36.588	MILE	TEMPORARY PAVEMENT MARKINGS (SOLID LINE) (4" WIDTH) DOLLARS CENTS
			MULCH (VEGETATIVE) DOLLARS CENTS
716-01-A	13.7	TON	 DOLLARS CENTS
727-01	LUMP	LUMP SUM	MOBILIZATION DOLLARS CENTS
731-02	600	EACH	REFLECTORIZED RAISED PAVEMENT MARKERS DOLLARS CENTS
732-02-A	18.839	MILE	PLASTIC PAVEMENT STRIPING (SOLID LINE) (4" WIDTH) DOLLARS CENTS

LOUISIANA DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT
SCHEDULE OF ITEMS

LEAD PROJECT: 451-02-0051
OTHER PROJECTS:

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ITEM NUMBER	APPROXIMATE QUANTITY	UNIT OF MEASURE	PAY ITEM UNIT PRICE (IN WORDS, INK OR TYPED)
732-02-E	0.011	MILE	PLASTIC PAVEMENT STRIPING (SOLID LINE) (24" WIDTH) DOLLARS CENTS
732-03-A	4.960	MILE	PLASTIC PAVEMENT STRIPING (BROKEN LINE) (4" WIDTH) DOLLARS CENTS
732-05	4.952	MILE	REMOVAL OF EXISTING MARKINGS DOLLARS CENTS
734-01	67,033	SQUARE YARD	RUBBLIZING PORTLAND CEMENT CONCRETE PAVEMENT DOLLARS CENTS
739-01	9.14	ACRE	HYDRO-SEEDING DOLLARS CENTS
740-01	LUMP	LUMP SUM	CONSTRUCTION LAYOUT DOLLARS CENTS

LOUISIANA DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT
SCHEDULE OF ITEMS

LEAD PROJECT: 451-02-0051
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ITEM NUMBER	APPROXIMATE QUANTITY	UNIT OF MEASURE	PAY ITEM UNIT PRICE (IN WORDS, INK OR TYPED)
S-001	LUMP	LUMP SUM	HAULING AND STOCKPILING P.C.C. PAVEMENT DOLLARS CENTS
S-002	LUMP	LUMP SUM	RUBBLIZATION PREP. DOLLARS CENTS
S-003	3,248	LIN FOOT	PCCP JOINT MEMBRANE DOLLARS CENTS
S-004	1,257	LIN FOOT	PCCP SAWCUTTING DOLLARS CENTS
S-005	10	EACH	DYNAMIC MESSAGE SIGN UNIT DOLLARS CENTS
S-006	8.8	MILE	RUMBLE STRIPS (GROUND-IN) DOLLARS CENTS

LOUISIANA DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT
SCHEDULE OF ITEMS

LEAD PROJECT: 451-02-0051
OTHER PROJECTS:

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ITEM NUMBER	APPROXIMATE QUANTITY	UNIT OF MEASURE	PAY ITEM UNIT PRICE (IN WORDS, INK OR TYPED)
S-007	LUMP	LUMP SUM	SOIL MIXING DOLLARS CENTS
S-008	LUMP	LUMP SUM	ADJUSTING GUARDRAIL DOLLARS CENTS
S-922	3,600	LINEAR FOOT	SAWING AND SEALING TRANSVERSE JOINTS IN ASPHALTIC CONCRETE OVERLAY DOLLARS CENTS
S-927	4,500	LINEAR FOOT	SAWCUTS IN ASPHALTIC CONCRETE LIFTS DOLLARS CENTS