



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

June 16, 2009

STATE PROJECT NO. 452-90-0153
FEDERAL AID PROJECT NO. 5308(501)
JCT. LA 16 – JCT. LA 10
ROUTE I-55
TANGIPAHOA PARISH

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

Gentlemen:

The following proposal revisions dated 06/16/09 on the captioned project for which bids will be received on Wednesday, June 24, 2009 have been posted on <http://www.dotd.la.gov/cgi-bin/construction.asp>.

1. Plan Revision No. 2. (11 pages)
2. Revised the Schedule of Items as follows: (12 pages)
 - a. Revised the description for Item 203-03-00100.
 - b. Revised the quantity for the following: Item 502-01-00100, Item 509-01-00100, Item 509-02-00100 and Item 701-15-00100.
 - c. Added Cost Plus Time information.

Please note these revisions in the proposal and bid accordingly. Mandatory electronic bidding is required for this project, and electronic bids and electronic bid bonds must be submitted via www.bidx.com for this letting date.

Sincerely,

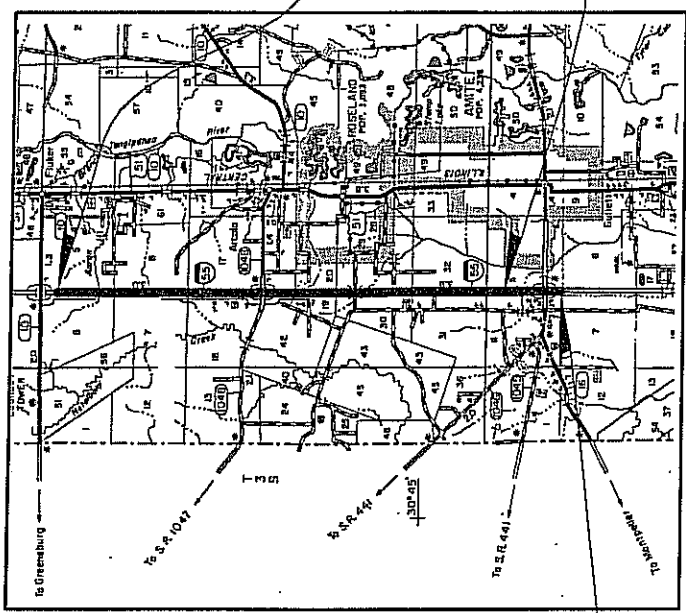
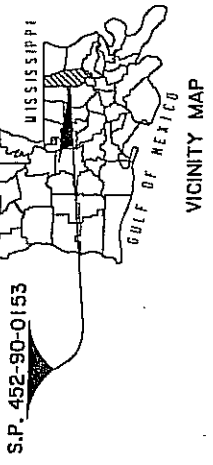
RANDAL D. SANDERS, P. E.
CONTRACTS & SPECIFICATIONS ENGINEER

Attachments

cc: Mr. Brian Buckel
Mr. Tom Landry
Mr. Steve Perilloux
Mr. Ben Thomas
Mr. Ronald Maurin
Mr. Eric Burges
Mr. Masood Rasoulain

STANDARD PLANS	
DESCRIPTION	REVISION DATE
BM-01	08-22-07
CP-01	06-26-01
EC-01	10-01-08
GR-200	01-26-09
GR-201	01-26-09
HS-03	01-03-05
PM-01	01-21-98

STATE OF LOUISIANA
DEPARTMENT OF TRANSPORTATION
PLANS OF PROPOSED
STATE HIGHWAY
F.A.P. NO. 5308(501)
STATE PROJECT NO. 452-90-0153
JCT. LA 16 - JCT. LA 10
TANGIPAHOA PARISH
ROUTE: I-55



BRIDGE LOCATIONS			
STRUCTURE NUMBER	C.S.L.M.	LENGTH (FEET)	WIDTH (FEET)
4529032471	32.47	170	28
4529032472	32.47	170	28
4529036251	36.25	175	28
4529036252	36.25	175	28

TRAFFIC DATA
2009 A.D.T. = 22,100
2019 A.D.T. = 27,000
D = 55%
K = 10%
T = 34%

TYPE OF CONSTRUCTION:
Rubble and Overlay

C.S. LOG MILE 38.880
STA. 401+57
END. S.P. 452-90-0153

EQUATION: + 71,269.75
STA. 813+69.75 L.B. =
STA. 101+00.00 L.A.

STATE OF LOUISIANA
ALLISON A. SCHILLING
REG. NO. 30265
REGISTERED PROFESSIONAL ENGINEER
IN CIVIL ENGINEERING
2/27/09

RECOMMENDED FOR APPROVAL
Steve B. McCloud
ASSISTANT DISTRICT ADMINISTRATOR, ENGINEERING

Thomas A. ...
DISTRICT ADMINISTRATOR

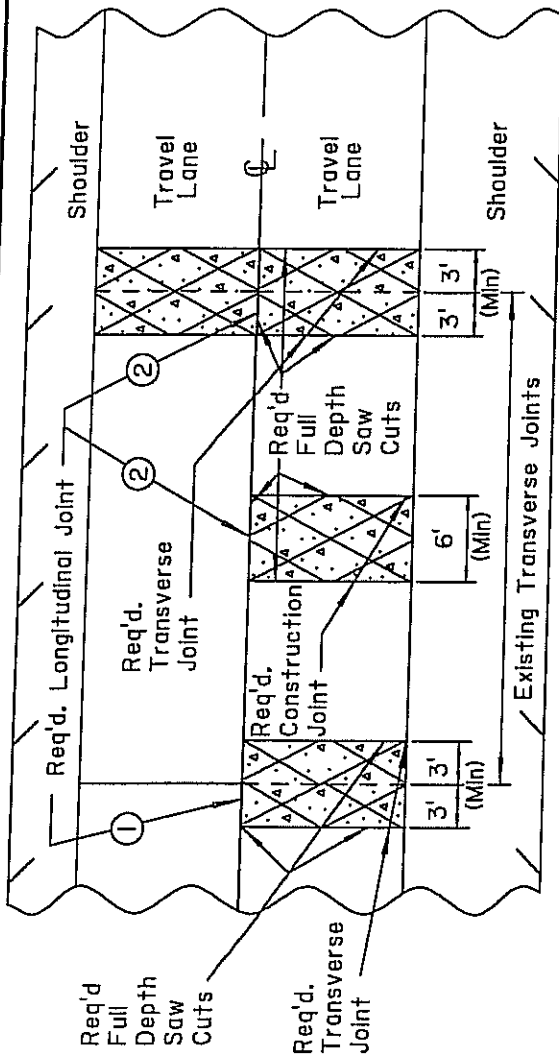
for CHIEF ENGINEER
Robert L. ...

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

3.20.09
DATE

SCHEDULE OF REVISIONS			
NO.	REVISION DESCRIPTION	DATE	APPROVED
2	6/15/09 1, 2, 4, 2, W, 2, ad, 31-3rd 14	6-16-09	BCT
1	5/26/09 1, 2, c, 31-3, 9, 10, 13, a, f 13 b	5-27-09	WES

TITLE SHEET		SHEET NO. 1	
DISTRICT DESIGN		DESIGNED CPR	CHECKED AAS
TANGIPAHOA		DESIGNED CPR	CHECKED AAS
FEDERAL PROJECT		DATE	BY
STATE PROJECT		DATE	BY
452-90-0153			

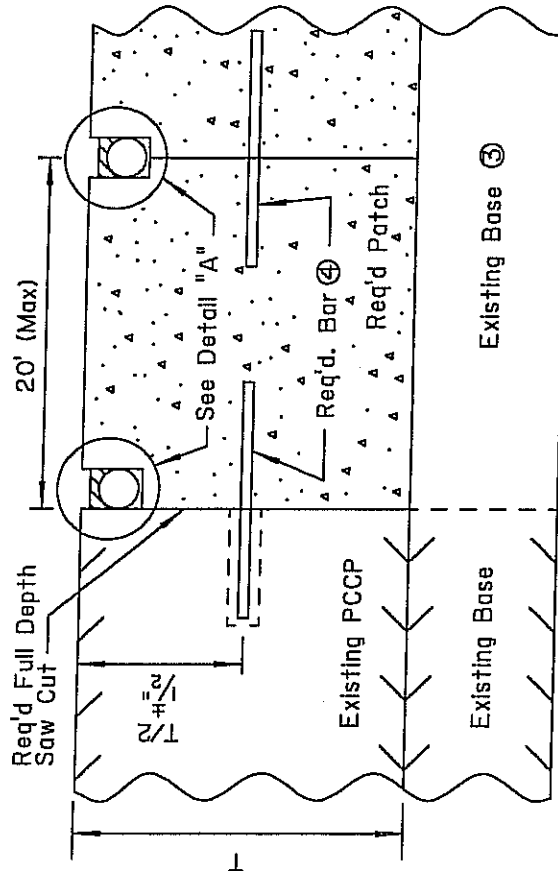


DETAIL "A"

NOTES:

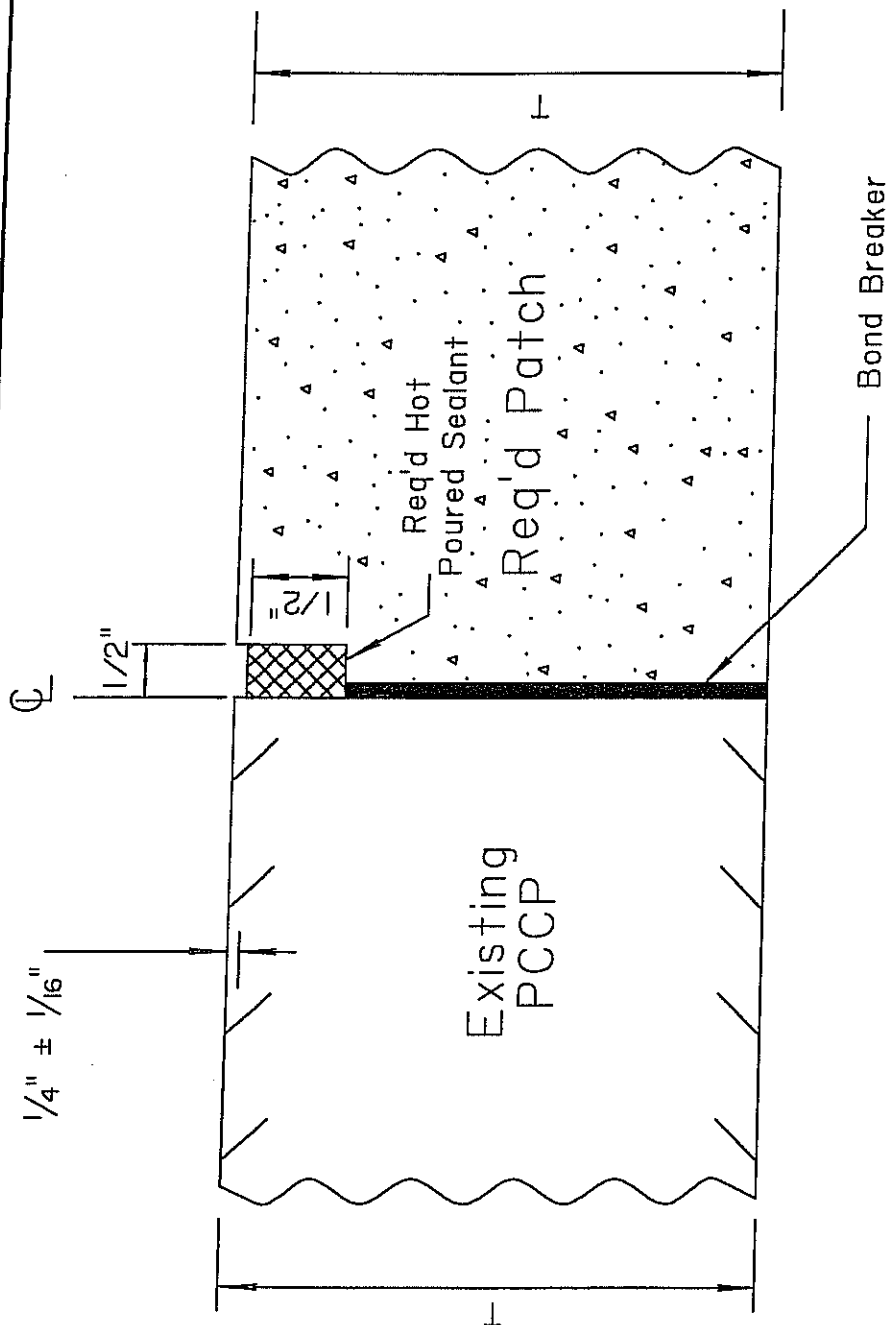
1. When length of patch is $< 10'$, a bond breaker shall be placed in the longitudinal joint. When length of patch is $> 10'$, tie bars shall be placed in the longer portion of the longitudinal joint with respect to the existing transverse joint in the adjacent slab and a bond breaker placed in the remainder of the longitudinal joint.
2. When length of patch is $< 10'$, a bond breaker shall be placed in the longitudinal joint. When length of patch is $> 10'$, tie bars shall be placed in the longitudinal joint.
3. Deteriorated base course to be removed and replaced with concrete, within the patching limits.
4. Dowel and tie bars shall conform to CP-01. Dowel bars for req'd transverse joints, tie bars for req'd construction joints.
5. New transverse joints shall be formed or sawed.
6. Hot poured sealant shall conform to sec. 602.05 Std. Specs. Backer material shall consist of heat resistant, closed-cell, cross-linked polyethylene or polyolefin foam.
8. All work on this detail to be paid for under item labeled: Full depth patching of jointed concrete pavement.
9. For more information see sheet 2 of 2.
10. Detail not to scale.

PLAN VIEW



TRANSVERSE SECTION VIEW

ROAD DESIGN		CPR-03		PATCHING JOINTED PCCP (EX. PAVEMENT OVER 10 YEARS OLD)		SHEET NO. 2	
NO. 2		DATE 6-15-09		REPLACED SHEET		TANGIPAROA	
BY		DATE 05/01/09		STATE PROJECT		FEDERAL PROJECT	
REVISION DESCRIPTION		1 OF 2		452-90-0153			



LONGITUDINAL SECTION VIEW (<10')

NOTES:

1. Hot Poured Sealant shall conform to section 602.05 of the Standard Specifications.
2. For more information see sheet 1 of 2.
3. All work on this detail to be paid for under item labeled:
Full depth patching of jointed concrete pavement.
4. Detail not to scale.

ROAD DESIGN	CPR-03	PATCHING JOINTED PCCP			DESIGNED	BY	DATE	REVISION DESCRIPTION	NO.	DATE	REPLACED SHEET	BY	DATE	DESIGNED	BY	DATE	REVISION DESCRIPTION	NO.	DATE	REPLACED SHEET	BY	DATE
					MAC	MAC	MAC	MAC	MAC	MAC	MAC	MAC	MAC	MAC	MAC	MAC	MAC	MAC	MAC	MAC	MAC	MAC

- 2) 9) THE CONTRACTOR SHALL RETAIN 75% (APPROXIMATELY 7,965 CU. YDS.) OF THE RAP MATERIAL GENERATED FROM COLD PLANING TO BECOME THE PROPERTY OF THE CONTRACTOR. RAP MATERIAL (APPROXIMATELY 2,655 CU. YDS.) NOT RETAINED BY THE CONTRACTOR SHALL BE HAULED AND STOCKPILED AT THE MONTEPELIER MAINTENANCE STORAGE SITE LOCATED AT 36359 LA 16 MONTEPELIER, LA 70422. 100% PCCP REMOVED SHALL BE HAULED AND STOCKPILED AT THE MONTEPELIER MAINTENANCE STORAGE SITE. 100% OF REMOVED SURFACING AND BASE AND REMOVED INCIDENTAL PAVEMENT TO BECOME THE PROPERTY OF THE CONTRACTOR. SHOULDER BASE MATERIAL SHALL NOT BE STOCKPILED WITH RAP.
- 10) ANY EXISTING GUARD RAIL TO REMAIN SHALL MAINTAIN AN OVERALL HEIGHT OF 27" OR GREATER FOR GUARD RAIL AND 28" OR GREATER FOR GUARD RAIL POSTS. THE OVERALL GUARD RAIL HEIGHT SHALL BE MEASURED FROM THE TOP OF THE GROUND TO THE TOP OF THE RAIL.
- 11) ANY EXISTING GUARD RAIL BCT END TREATMENTS AND HARDWARE SHALL BE REMOVED AND STOCKPILED AT THE MONTEPELIER MAINTENANCE UNIT IN MONTEPELIER, LA. THE REMOVAL OF ALUMINUM BRIDGE RAIL WILL BE CONSIDERED INCIDENTAL TO BARRIER RAIL REHABILITATION. 200' OF ALUMINUM BRIDGE RAIL ALONG WITH ALL HARDWARE WILL BE DELIVERED TO THE MONTEPELIER MAINTENANCE UNIT. ALL OTHER MATERIAL IS TO BECOME PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF BEYOND PROJECT RIGHT OF WAY. COST OF TRANSPORTATION OF ITEMS TO THE KENTWOOD UNIT WILL BE INCLUDED IN COST OF GUARD RAIL REMOVAL ITEM.
- 12) UPON REMOVAL OF EXISTING GUARD RAIL THE CONTRACTOR SHALL INSTALL AN NCHRP 350 APPROVED CRASH ATTENUATOR OR BARRIER TO PROTECT THE BLUNT END OF THE BRIDGE RAIL OR COLUMNS UNTIL NEW GUARD RAIL IS INSTALLED. ALL COSTS ASSOCIATED WITH CRASH DEVICES TO BE INCLUDED IN ITEM 713-01-00100. AFTER REMOVAL OF EXISTING GUARD RAIL, NEW GUARD RAIL SHALL BE INSTALLED WITHIN TWO WEEKS.
- 13) ALL PERMANENT SIGNS AND ALL TEMPORARY CONSTRUCTION SIGNS THAT CONFLICT DURING PHASES AND STAGES OF CONSTRUCTION ARE TO BE COVERED.
- 14) ANY EXISTING PAVEMENT STRIPING WHICH CONFLICTS WITH TEMPORARY MARKINGS SHALL BE REMOVED BY ABRASION OR SANDBLASTING OR AS DIRECTED BY THE PROJECT ENGINEER. COST TO BE INCLUDED IN PAY ITEM 732-05-00100.
- 15) EXISTING SIGNS LOCATED WITHIN AREA OF THE CONSTRUCTION WILL BE CHECKED FOR PROPER HEIGHT. SIGNS WHICH WILL VIOLATE HEIGHT REQUIREMENT OR BRAKE AWAY SECTIONS IMPACTED BY CONSTRUCTION WILL BE ADJUSTED AS DIRECTED BY PROJECT ENGINEER.

 DISTRICT DESIGN	CONSTRUCTION NOTES SHEET 2 OF 4			NO. 2	DATE 6/15/09	REVISED NOTE	CPR / DATE BY / SHEET	DESIGNED	CPR	CHECKED	AAS	PARISH	TANGIPAHOA	SHEET NO.	20d
								DETAILED	CPR	CHECKED	AAS	FEDERAL PROJECT	STATE PROJECT	452-90-0153	

Summary Of Estimated Quantities

Page: 34

Proposal ID: 452-90-0153

State Project Number: 452-90-0153

Federal Project Number: 5308(501)

Proposal Description: Jct. LA 16 - Jct. LA 10

Item No.	Description	Supplemental Description	Alternate Set Member	Quantity	Units
201-01-00100	Clearing and Grubbing	General Items		1	LUMP
202-02-02020	Removal of Asphalt Pavement	Removal of asphalt patches		2,500.000	SQYD
202-02-06040	Removal of Concrete Box Headwall	To include wingwalls		1.000	EACH
202-02-14500	Removal of Guard Rail			4,411.000	LNFT
202-02-38500	Removal of Surfacing and Stabilized Base			4,498.000	SQYD
202-03-38000	Relocation of Sign	Relocation of signs which may be in the way		50.000	EACH
203-01-00100	General Excavation			5,000.000	CUYD
203-03-00100	Embankment	Plan Quantity		100,000.000	CUYD
203-06-00100	Excavation and Embankment			520.000	LNFT
204-02-00100	Temporary Hay or Straw Bales			2,500.000	EACH
204-06-00100	Temporary Silt Fencing			6,000.000	LNFT
302-02-05120	Class II Base Course (10" Thick) (Stone or Recycled Portland Cement Concrete)			5,000.000	SQYD
302-02-06080	Class II Base Course (12" Thick) (Asphaltic Concrete Base on Embankment Layer)			5,266.700	SQYD
401-02-00100	Aggregate Surface Course (Adjusted Vehicular Measurement)			700.000	CUYD

Notes:

Rev. 1 - 05/26/2009 - Revised Quantities, Added Items, Deleted Item

Rev. 2 - 06/15/2009 - Added Supplemental Description/ Revised Quantities

Summary Of Estimated Quantities

Page: 3

Proposal ID: 452-90-0153 State Project Number: 452-90-0153
 Federal Project Number: 5308(501)
 Proposal Description: Jct. LA 16 - Jct. LA 10

Item No.	Description	Supplemental Description	Alternate Set Member	Quantity	Units
402-01-00100	Traffic Maintenance Aggregate (Vehicular Measurement)			500.000	CUYD
502-01-00100	Superpave Asphaltic Concrete			199,786.000	TON
502-01-00200	Superpave Asphaltic Concrete, Drives, Turnouts and Miscellaneous			650.000	TON
509-01-00100	Cold Planing Asphaltic Pavement			110,696.000	SQYD
509-02-00100	Contractor Retained Reclaimed Asphaltic Pavement			7,985.000	CUYD
510-01-00100	Pavement Patching (6" Minimum Thickness)			5,000.000	SQYD
510-01-00200	Pavement Patching (12" Minimum Thickness)			10,000.000	SQYD
510-02-00100	Pavement Widening	12" Thickness To Be Used @ LA 16 N.B. Off Ramp Shoulders		1,095.000	SQYD
602-02-00200	Cleaning and Resealing Existing Longitudinal Pavement Joints			7,246.000	LNFT
602-02-00300	Cleaning and Resealing Existing Transverse Pavements Joints			10,379.000	LNFT
602-03-00100	Cleaning and Sealing Random cracks			2,000.000	LNFT
602-05-01160	Full Depth Patching of Jointed Concrete Pavement (16.0 square yards and under) (9" Thick)			100.000	SQYD
602-05-01200	Full Depth Patching of Jointed Concrete Pavement (16.0 square yards and under) (10" Thick)			1,200.000	SQYD

Notes:

Rev. 1 - 05/26/2009 - Revised Quantities, Added Items, Deleted Item
 Rev. 2 - 06/15/2009 - Added Supplemental Description/ Revised Quantities

Summary Of Estimated Quantities

Page: 30

Proposal ID: 452-90-0153 State Project Number: 452-90-0153
 Federal Project Number: 5308(501)
 Proposal Description: Jct LA 16 - Jct LA 10

Item No.	Description	Supplemental Description	Alternate Set Member	Quantity	Units
602-05-02160	Full Depth Patching of Jointed Concrete Pavement (16.1 square yards to 48.0 square yards) (9" Thick)			700.000	SQYD
602-11-00100	Removal of Existing Shoulder Underdrain Systems			77,580.000	LNFT
701-15-00100	Concrete Collar			26.000	EACH
702-04-00200	Adjusting Catch Basins			13.000	EACH
702-07-00100	Cross Drain Safety End (Type 1)	Precast will not be allowed		1.000	EACH
703-01-00100	Shoulder Underdrain Systems			78,067.000	LNFT
703-02-00100	Shoulder Outlet Underdrains			170.000	EACH
704-01-02000	Guard Rail (Double Thrie Beam) (3'-1 1/2" post spacing)			1,233.000	LNFT
704-03-00100	Blocked Out Guard Rail			2,875.900	LNFT
704-06-00200	Guard Rail Anchor Sections (Trailing End) (Single Thrie Beam)			25.000	LNFT
704-08-00200	Guard Rail Transitions (Double Thrie Beam)			200.000	LNFT
704-11-00100	Guard Rail End Treatment (Flared)			8.000	EACH
704-11-00200	Guard Rail End Treatment (Tangent)			2.000	EACH
704-11-00300	Guard Rail End Treatment (Bi-Directional)			4.000	EACH

Notes:

Rev. 1 - 05/26/2009 - Revised Quantities, Added Items, Deleted Item
 Rev. 2 - 06/15/2009 - Added Supplemental Description/ Revised Quantities

Summary Of Estimated Quantities

Page: 30

Proposal ID: 452-90-0153 State Project Number: 452-90-0153
 Federal Project Number: 5308(501)
 Proposal Description: Jct. LA 16 - Jct. LA 10

Item No.	Description	Supplemental Description	Alternate Set Member	Quantity	Units
706-03-00300	Incidental Concrete Paving (6" Thick)			213.000	SQYD
707-04-00100	Asphaltic Curb			80.000	LNFT
710-01-00100	Flowable Fill			100.000	CUYD
711-01-03020	Riprap (30 lb, 18" Thick)			307.000	SQYD
711-04-00100	Geotextile Fabric			307.000	SQYD
712-01-00100	Concrete Cast-in-Place Revetment (4" Thick)			500.000	SQYD
713-01-00100	Temporary Signs and Barricades			1.000	LUMP
713-02-00300	Temporary Pavement Markings (8" Width)			6,750.000	LNFT
713-02-00500	Temporary Pavement Markings (24" Width)			100.000	LNFT
713-03-01000	Temporary Pavement Markings (Broken Line) (4" Width) (4' Length)			43.720	MILE
713-04-01000	Temporary Pavement Markings (Solid Line) (4" Width)			193.388	MILE
713-04-01020	Temporary Pavement Markings (Solid Line) (4" Width) (Type 1 Removable)			5.252	MILE
713-08-00100	Temporary Precast Concrete Barrier (Department Furnished)			30.000	EACH
717-01-00100	Seeding			2,280.000	LB

Notes:

Rev. 1 - 05/26/2009 - Revised Quantities, Added Items, Deleted Item
 Rev. 2 - 06/15/2009 - Added Supplemental Description/ Revised Quantities

Summary Of Estimated Quantities

Page: 3p

Proposal ID: 452-90-0153

State Project Number: 452-90-0153

Federal Project Number: 5308(501)

Proposal Description: Jct. LA 16 - Jct. LA 10

Item No.	Description	Supplemental Description	Alternate Set Member	Quantity	Units
718-01-00100	Fertilizer			76,000.000	LB
720-01-01000	Erosion Control System (Slope Protection) (Type A)				
720-01-02020	Erosion Control System, Flexible (Channel Liner) (Type D)			150,000.000	SQYD
721-01-00100	Mowing			250.000	SQYD
722-01-00100	Project Site Laboratory			1,928.000	ACRE
727-01-00100	Mobilization			1.000	EACH
729-16-00200	Object Marker Assembly (Type 2)			1.000	LUMP
729-16-00300	Object Marker Assembly (Type 3)			104.000	EACH
731-01-00100	Nonreflectorized Raised Pavement Markers			24.000	EACH
731-02-00100	Reflectorized Raised Pavement Markers			169.000	EACH
732-02-02000	Plastic Pavement Striping (Solid Line) (4" Width) (Thermoplastic 90 ml)			2,000.000	EACH
732-02-02040	Plastic Pavement Striping (Solid Line) (8" Width) (Thermoplastic 90 ml)			32.207	MILE
732-02-02080	Plastic Pavement Striping (Solid Line) (24" Width) (Thermoplastic 90 ml)			1.515	MILE
732-03-02000	Plastic Pavement Striping (Broken Line) (4" Width) (Thermoplastic 90 ml)			0.230	MILE
				15.223	MILE

Notes:

Rev. 1 - 05/26/2009 - Revised Quantities, Added Items, Deleted Item

Rev. 2 - 06/15/2009 - Added Supplemental Description/ Revised Quantities

Summary Of Estimated Quantities

Page: 39

Proposal ID: 452-90-0153

State Project Number: 452-90-0153

Federal Project Number: 5308(501)

Proposal Description: Jct. LA 16 - Jct. LA 10

Item No.	Description	Supplemental Description	Alternate Set Member	Quantity	Units
732-04-01080	Plastic Pavement Legends and Symbols (Arrow - Left Turn)			6.000	EACH
732-05-00100	Removal of Existing Markings				
734-01-00100	Rubblizing Portland Cement Concrete Pavement			14.600	MILE
735-01-00100	Mailboxes			206,947.000	SQYD
735-02-00100	Mailbox Supports (Single)			9.000	EACH
740-01-00100	Construction Layout			9.000	EACH
NS-500-00200	Rumble Strips (Ground-In)			1.000	LUMP
NS-500-00220	Sawing and Sealing Longitudinal Joints in Asphaltic Concrete Overlay			29.200	MILE
NS-500-00240	Sawing and Sealing Transverse Joints in Asphaltic Concrete Overlay			15,777.000	LNFT
NS-500-00260	Sawcuts in Asphaltic Concrete Lifts			3,248.000	LNFT
NS-500-00280	Surface Preparation			39,913.000	LNFT
NS-500-00300	Traffic Maintenance Superpave Asphaltic Concrete			1.000	LUMP
NS-602-00001	Milling Concrete Pavement			500.000	TON
NS-602-00003	Raising and/or Under-sealing Concrete Slabs (Polyurethane)			6,105.000	SQYD
				8,000.000	LB

Notes:

Rev. 1 - 05/26/2009 - Revised Quantities, Added Items, Deleted Item
 Rev. 2 - 06/15/2009 - Added Supplemental Description/ Revised Quantities

Summary Of Estimated Quantities

Page: 31

Proposal ID: 452-90-0153

State Project Number: 452-90-0153

Federal Project Number: 5308(501)

Proposal Description: Jct. LA 16 - Jct. LA 10

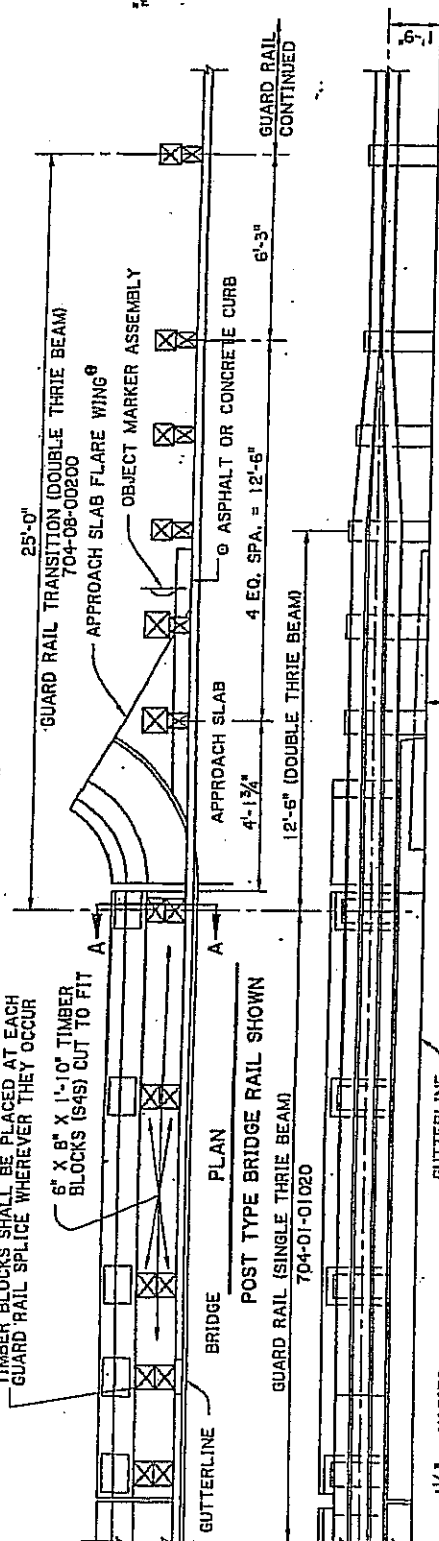
Item No.	Description	Supplemental Description	Alternate Set Member	Quantity	Units
NS-700-00020	Adjusting Guard Rail			2,746.000	LNFT
NS-713-00001	Dynamic Message Sign Unit			4.000	EACH

Notes:

Rev. 1 - 05/26/2009 - Revised Quantities, Added Items, Deleted Item
 Rev. 2 - 06/15/2009 - Added Supplemental Description/ Revised Quantities

J-53a

NOTE: 25'-0" SECTION OF GUARD RAIL (WITH NO SPLICE) SHALL BE INSTALLED SYMMETRICALLY WITH RESPECT TO THE FIRST POST ON EACH END OF THE STRUCTURE.



(MOUNT TO TOP OF RAIL FOR BLOCK BACKUP) THE HOLES MAY BE OFFSET TO ACHIEVE INSTALLATION BUT THE 1/2" EDGE DISTANCE SHALL BE MAINTAINED.

SUPPORT ANGLE

NOTES:

FOR ADDITIONAL INFORMATION ON GUARD RAIL,, SEE STD. PLAN GR-200.
ALL MATERIALS AND LABOR REQ'D. TO PLACE THE GUARD RAIL THRU THE BRIDGE
WALL BE PAID FOR UNDER ITEM 704-01-01020
FOR CURB & TRANSITION INFORMATION, SEE SHEET 3 OF 10, GR-200.

IF THE EXISTING CONCRETE IS DAMAGED DUE TO DRILLING HOLES FOR BOLTS AND WOODS, THE CONTRACTOR SHALL REPAIR THE DAMAGE WITH THE APPROPRIATE MATERIALS AT HIS EXPENSE AND TO THE SATISFACTION OF THE PROJECT ENGINEER. EXISTING HANDRAIL SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR AS DIRECTED BY THE PROJECT ENGINEER.

ALL HOLES (VERTICAL OR HORIZONTAL) DRILLED INTO AN EXISTING CONCRETE STRUCTURE SHALL BE $\frac{3}{4}$ " IN DIA. THEY SHALL BE CLEANED WITH WITH COMPRESSED AIR AND MADE FREE OF ANY OIL OR RESIDUE. HOLES SHALL BE FILLED WITH EPOXY INJECTION SYSTEM AS LISTED ON QPL 40. PLACE ROD IN HOLE IMMEDIATELY AND WAIT FOR THE MANUFACTURERS CURE TIME.

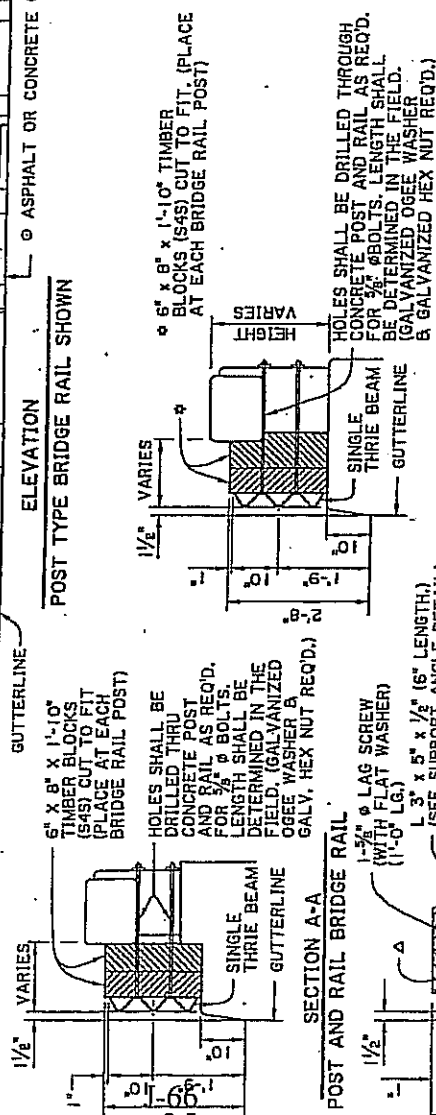
THE LOWER BOLTS IN THE GUARD RAIL AT EACH POST SHALL BE ON THE ONCOMING TRAFFIC SIDE.

IF TIMBER BLOCKS ARE LESS THAN 3" ABOVE THE CONCRETE RAIL IN THE SOLID RAIL ALTERNATE, THE METHOD SHOWN IN THE POST AND RAIL BRIDGE RAIL ALTERNATE SHALL BE UTILIZED.

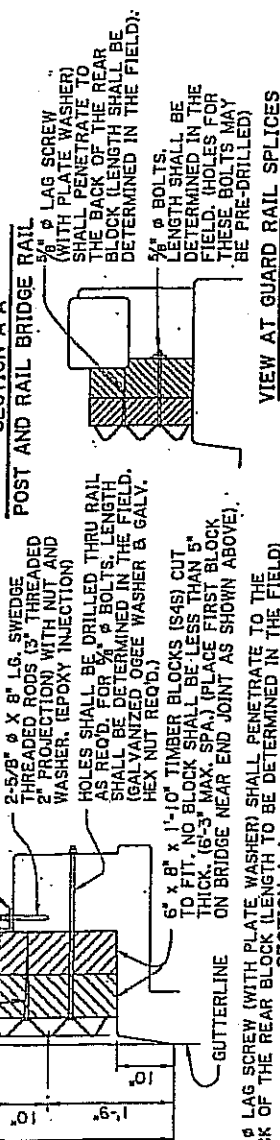
THE LENGTHS OF THE LAG SCREWS SHALL BE VERIFIED BY THE PROJECT ENGINEER BEFORE INSTALLATION TO ACHIEVE THE PENETRATION CALLED FOR IN THE SOLID WALL ALTERNATE.

IF APPROACH SLAB FLARES EXIST, A 1'-0" X 1'-0" HOLE SHALL BE CUT THRU THE CONCRETE IN THE PROPER LOCATION TO INSTALL POST. AFTER POST IS IN PLACE, COMPACT SOIL AROUND POST AND REDRESS THE SLAB WITH CONCRETE TO THE FINISHED ELEVATION. (NO DIRECT PAY).

ALL 3/8" Ø BOLTS SHALL BE ASTM A307.



SECTION A-A



VIEW AT GUARD RAIL SPLICES

SECTION A-A
SOLID WALL RAILING

**GUARD RAIL CONTINUOUS ACROSS
BRUSH CURB BRIDGE RAIL
(TIMBER POST OPTION)**

BRIDGE AND
STRUCTURAL
DESIGN

		STANDARD DETAIL		GUARD RAIL CONTINUOUS ACROSS BRUSH RAIL CURB BRIDGE RAIL (TIMBER POST OPTION)	
		DATE 7-6-15-09		REVISION DESCRIPTION INSERTED UPDATED DETAIL	
DESIGNED CHECKED		RETAILER CHECKED		DATE 12-2008	
TANGI PAHDA		FEDERAL PROJECT		STATE PROJECT 452-90-0153	
SHEET NUMBER 14					



6/16/2009

Louisiana Department of Transportation and Development
Proposal Schedule of Items

Page: 1

Contract ID: 452-90-0153

Project(s): 452-90-0153

SECTION: 1

General Items

Proposal Line Number	Item ID	Description Unit Price (In Words, Ink or Typed)	Approximate Quantity	Unit of Measure
0001	201-01-00100	Clearing and Grubbing		LUMP SUM
				Dollars
				Cents
0002	202-02-02020	Removal of Asphalt Pavement Removal of asphalt patches	2,500.000	SQYD
				Dollars
				Cents
0003	202-02-06040	Removal of Concrete Box Headwall To include wingwalls	1.000	EACH
				Dollars
				Cents
0004	202-02-14500	Removal of Guard Rail	4,411.000	LNFT
				Dollars
				Cents
0005	202-02-38500	Removal of Surfacing and Stablized Base	4,498.000	SQYD
				Dollars
				Cents
0006	202-03-38000	Relocation of Sign Relocation of signs which may be in the way	50.000	EACH
				Dollars
				Cents
0007	203-01-00100	General Excavation	5,000.000	CUYD
				Dollars
				Cents
0008	203-03-00100	Embankment Plan Quantity	100,000.000	CUYD
				Dollars
				Cents

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Proposal Line Number	Item ID	Description Unit Price (In Words, Ink or Typed)	Approximate Quantity	Unit of Measure
0009	203-06-00100	Excavation and Embankment	520.000	LNFT
				Dollars
				Cents
0010	204-02-00100	Temporary Hay or Straw Bales	2,500.000	EACH
				Dollars
				Cents
0011	204-06-00100	Temporary Silt Fencing	6,000.000	LNFT
				Dollars
				Cents
0012	302-02-05120	Class II Base Course (10" Thick) (Stone or Recycled Portland Cement Concrete)	5,000.000	SQYD
				Dollars
				Cents
0013	302-02-06080	Class II Base Course (12" Thick) (Asphaltic Concrete Base on Embankment Layer)	5,266.700	SQYD
				Dollars
				Cents
0014	401-02-00100	Aggregate Surface Course (Adjusted Vehicular Measurement)	700.000	CUYD
				Dollars
				Cents
0015	402-01-00100	Traffic Maintenance Aggregate (Vehicular Measurement)	500.000	CUYD
				Dollars
				Cents
0016	502-01-00100	Superpave Asphaltic Concrete	199,786.000	TON
				Dollars
				Cents

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Proposal Line Number	Item ID	Description Unit Price (In Words, Ink or Typed)	Approximate Quantity	Unit of Measure
0017	502-01-00200	Superpave Asphaltic Concrete, Drives, Turnouts and Miscellaneous	650.000	TON
				Dollars
				Cents
0018	509-01-00100	Cold Planing Asphaltic Pavement	110,696.000	SQYD
				Dollars
				Cents
0019	509-02-00100	Contractor Retained Reclaimed Asphaltic Pavement	7,985.000	CUYD
				Dollars
				Cents
0020	510-01-00100	Pavement Patching (6" Minimum Thickness)	5,000.000	SQYD
				Dollars
				Cents
0021	510-01-00200	Pavement Patching (12" Minimum Thickness)	10,000.000	SQYD
				Dollars
				Cents
0022	510-02-00100	Pavement Widening 12" Thickness To Be Used @ LA 16 N.B. Off Ramp Shoulders	1,096.000	SQYD
				Dollars
				Cents
0023	602-02-00200	Cleaning and Resealing Existing Longitudinal Pavement Joints	7,246.000	LNFT
				Dollars
				Cents

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Proposal Line Number	Item ID	Description Unit Price (In Words, Ink or Typed)	Approximate Quantity	Unit of Measure
0024	602-02-00300	Cleaning and Resealing Existing Transverse Pavements Joints	10,379.000	LNFT
				Dollars
				Cents
0025	602-03-00100	Cleaning and Sealing Random cracks	2,000.000	LNFT
				Dollars
				Cents
0026	602-05-01160	Full Depth Patching of Jointed Concrete Pavement (16.0 square yards and under) (9" Thick)	100.000	SQYD
				Dollars
				Cents
0027	602-05-01200	Full Depth Patching of Jointed Concrete Pavement (16.0 square yards and under) (10" Thick)	1,200.000	SQYD
				Dollars
				Cents
0028	602-05-02160	Full Depth Patching of Jointed Concrete Pavement (16.1 square yards to 48.0 square yards) (9" Thick)	700.000	SQYD
				Dollars
				Cents
0029	602-11-00100	Removal of Existing Shoulder Underdrain Systems	77,580.000	LNFT
				Dollars
				Cents
0030	701-15-00100	Concrete Collar	26.000	EACH
				Dollars
				Cents



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Proposal Line Number	Item ID	Description Unit Price (In Words, Ink or Typed)	Approximate Quantity	Unit of Measure
0031	702-04-00200	Adjusting Catch Basins	13.000	EACH
				Dollars
				Cents
0032	702-07-00100	Cross Drain Safety End (Type 1) Precast will not be allowed	1.000	EACH
				Dollars
				Cents
0033	703-01-00100	Shoulder Underdrain Systems	78,067.000	LNFT
				Dollars
				Cents
0034	703-02-00100	Shoulder Outlet Underdrains	170.000	EACH
				Dollars
				Cents
0035	704-01-02000	Guard Rail (Double Thrie Beam) (3'-1 1/2" post spacing)	1,233.000	LNFT
				Dollars
				Cents
0036	704-03-00100	Blocked Out Guard Rail	2,875.900	LNFT
				Dollars
				Cents
0037	704-06-00200	Guard Rail Anchor Sections (Trailing End) (Single Thrie Beam)	25.000	LNFT
				Dollars
				Cents
0038	704-08-00200	Guard Rail Transitions (Double Thrie Beam)	200.000	LNFT
				Dollars
				Cents



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Proposal Line Number	Item ID	Description Unit Price (In Words, Ink or Typed)	Approximate Quantity	Unit of Measure
0039	704-11-00100	Guard Rail End Treatment (Flared)	8.000	EACH
				Dollars
				Cents
0040	704-11-00200	Guard Rail End Treatment (Tangent)	2.000	EACH
				Dollars
				Cents
0041	704-11-00300	Guard Rail End Treatment (Bi-Directional)	4.000	EACH
				Dollars
				Cents
0042	706-03-00300	Incidental Concrete Paving (6" Thick)	213.000	SQYD
				Dollars
				Cents
0043	707-04-00100	Asphaltic Curb	80.000	LNFT
				Dollars
				Cents
0044	710-01-00100	Flowable Fill	100.000	CUYD
				Dollars
				Cents
0045	711-01-03020	Riprap (30 lb, 18" Thick)	307.000	SQYD
				Dollars
				Cents
0046	711-04-00100	Geotextile Fabric	307.000	SQYD
				Dollars
				Cents



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Proposal Line Number	Item ID	Description Unit Price (In Words, Ink or Typed)	Approximate Quantity	Unit of Measure
0047	712-01-00100	Concrete Cast-in-Place Revetment (4" Thick)	500.000	SQYD
				Dollars
				Cents
0048	713-01-00100	Temporary Signs and Barricades		LUMP SUM
				Dollars
				Cents
0049	713-02-00300	Temporary Pavement Markings (8" Width)	6,750.000	LNFT
				Dollars
				Cents
0050	713-02-00500	Temporary Pavement Markings (24" Width)	100.000	LNFT
				Dollars
				Cents
0051	713-03-01000	Temporary Pavement Markings (Broken Line) (4" Width) (4' Length)	43.720	MILE
				Dollars
				Cents
0052	713-04-01000	Temporary Pavement Markings (Solid Line) (4" Width)	193.388	MILE
				Dollars
				Cents
0053	713-04-01020	Temporary Pavement Markings (Solid Line) (4" Width) (Type 1 Removable)	5.252	MILE
				Dollars
				Cents
0054	713-08-00100	Temporary Precast Concrete Barrier (Department Furnished)	30.000	EACH
				Dollars
				Cents

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Proposal Line Number	Item ID	Description Unit Price (In Words, Ink or Typed)	Approximate Quantity	Unit of Measure
0055	717-01-00100	Seeding	2,280,000	LB
				Dollars
				Cents
0056	718-01-00100	Fertilizer	76,000.000	LB
				Dollars
				Cents
0057	720-01-01000	Erosion Control System (Slope Protection) (Type A)	150,000.000	SQYD
				Dollars
				Cents
0058	720-01-02020	Erosion Control System, Flexible (Channel Liner) (Type D)	250.000	SQYD
				Dollars
				Cents
0059	721-01-00100	Mowing	1,928.000	ACRE
				Dollars
				Cents
0060	722-01-00100	Project Site Laboratory	1.000	EACH
				Dollars
				Cents
0061	727-01-00100	Mobilization		LUMP SUM
				Dollars
				Cents
0062	729-16-00200	Object Marker Assembly (Type 2)	104.000	EACH
				Dollars
				Cents

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Proposal Line Number	Item ID	Description Unit Price (In Words, Ink or Typed)	Approximate Quantity	Unit of Measure
0063	729-16-00300	Object Marker Assembly (Type 3)	24.000	EACH
				Dollars
				Cents
0064	731-01-00100	Nonreflectorized Raised Pavement Markers	169.000	EACH
				Dollars
				Cents
0065	731-02-00100	Reflectorized Raised Pavement Markers	2,000.000	EACH
				Dollars
				Cents
0066	732-02-02000	Plastic Pavement Striping (Solid Line) (4" Width) (Thermoplastic 90 mil)	32.207	MILE
				Dollars
				Cents
0067	732-02-02040	Plastic Pavement Striping (Solid Line) (8" Width) (Thermoplastic 90 mil)	1.515	MILE
				Dollars
				Cents
0068	732-02-02080	Plastic Pavement Striping (Solid Line) (24" Width) (Thermoplastic 90 mil)	0.230	MILE
				Dollars
				Cents
0069	732-03-02000	Plastic Pavement Striping (Broken Line) (4" Width) (Thermoplastic 90 mil)	15.223	MILE
				Dollars
				Cents



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Proposal Line Number	Item ID	Description Unit Price (In Words, Ink or Typed)	Approximate Quantity	Unit of Measure
0070	732-04-01080	Plastic Pavement Legends and Symbols (Arrow - Left Turn)	6.000	EACH
				Dollars
				Cents
0071	732-05-00100	Removal of Existing Markings	14.600	MILE
				Dollars
				Cents
0072	734-01-00100	Rubblizing Portland Cement Concrete Pavement	206,947.000	SQYD
				Dollars
				Cents
0073	735-01-00100	Mailboxes	9.000	EACH
				Dollars
				Cents
0074	735-02-00100	Mailbox Supports (Single)	9.000	EACH
				Dollars
				Cents
0075	740-01-00100	Construction Layout		LUMP SUM
				Dollars
				Cents
0076	NS-500-00200	Rumble Strips (Ground-In)	29.200	MILE
				Dollars
				Cents
0077	NS-500-00220	Sawing and Sealing Longitudinal Joints in Asphaltic Concrete Overlay	15,777.000	LNFT
				Dollars
				Cents

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Proposal Line Number	Item ID	Description Unit Price (In Words, Ink or Typed)	Approximate Quantity	Unit of Measure
0078	NS-500-00240	Sawing and Sealing Transverse Joints in Asphaltic Concrete Overlay	3,248.000	LNFT
				Dollars
				Cents
0079	NS-500-00260	Sawcuts in Asphaltic Concrete Lifts	39,913.000	LNFT
				Dollars
				Cents
0080	NS-500-00280	Surface Preparation		LUMP SUM
				Dollars
				Cents
0081	NS-500-00300	Traffic Maintenance Superpave Asphaltic Concrete	500.000	TON
				Dollars
				Cents
0082	NS-602-00001	Milling Concrete Pavement	6,105.000	SQYD
				Dollars
				Cents
0083	NS-602-00003	Raising and/or Under-sealing Concrete Slabs (Polyurethane)	8,000.000	LB
				Dollars
				Cents
0084	NS-700-00020	Adjusting Guard Rail	2,746.000	LNFT
				Dollars
				Cents
0085	NS-713-00001	Dynamic Message Sign Unit	4.000	EACH
				Dollars
				Cents

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Total:

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Items Total: _____

Cost Plus Time		Road User Cost Per Unit	Unit Type	Number of Units Bid
01	CALENDAR DAYS A+B	3,000.00	Days	_____

Total Bid: _____