



OFFICIAL DATE OF ADDENDUM: MARCH 30, 2016

## ADDENDUM NO. 1

Issued by the Texas Department of Transportation

For The

CONSTRUCTION OF HOPKINS COUNTY SAFETY REST AREA

HOPKINS COUNTY, PARIS DISTRICT

IH-30 (1 mile east of Cumby, Eastbound)

IH-30 (1 mile east of Cumby, Westbound)

PROJECT NO. STP 2000(825) TE

DETAIL NO. 01-76-0009-09-081

CSJ 0009-09-081

ESTIMATED CONSTRUCTION COST: \$20,813,242.29

BID GUARANTY or BID BOND: \$100,000.00

PRE-BID CONFERENCE: March 17, 2016 at 2:30PM

At the Greenville Area Office, 3001 I-30 East, Greenville, Texas 75402

BID DATE: APRIL 6, 2016 - 1:00 P.M. IN AUSTIN, TEXAS

## BIDS DUE: 1:00 p.m., local time, April 6, 2016

AT 200 EAST RIVERSIDE DRIVE, AUSTIN, TEXAS, ROOM 1A.2

- ADDENDUM NO. 1 IS ATTACHED WITH THIS FAX NOTIFICATION. E-MAIL Request to: Tim West at [Timothy.West@txdot.gov](mailto:Timothy.West@txdot.gov) for a pdf file of the entire addendum.
- Available to print from TxDOT Plans Online.  
[www.txdot.gov](http://www.txdot.gov) (Business, Letting & Bids, Plans Online, Building Facility Projects from View or FTP).  
<http://www.dot.state.tx.us/business/plansonline/plansonline.htm>
- Addendum is also available at <http://esbd.cpa.state.tx.us> - Electronic State Business Daily (ESBD) Use Agency 601 for Requisition Number STP 2000(398)TE.

**NOTE: THIS ADDENDUM SHALL BECOME AN OFFICIAL PART OF THE PLANS AND SPECIFICATIONS AND BIDDERS SHALL ACKNOWLEDGE RECEIPT OF THIS ADDENDUM ON THE "ADDENDUM ACKNOWLEDGMENT" SHEET PROVIDED IN THE PROPOSAL/SPECIFICATION BOOK.**

**FAILURE TO ACKNOWLEDGE RECEIPT OF AN ADDENDUM WILL RESULT IN THE BID NOT BEING READ.**

ADDENDUM NO. 1 DATED March 30, 2016

Project: CONSTRUCTION OF HOPKINS COUNTY REST AREA

Cover page: 1

CSJ 0009-09-081

**NOTICE TO BIDDERS:**

This Addendum shall be considered as part of the Contract Documents for the above mentioned project as though it had been issued at the same time and incorporated therewith. Where provisions of the following supplementary data differ from those of the original Contract Documents, this Addendum shall govern and take precedence. Work not specifically deleted, modified, changed or altered by this Addendum shall remain in effect as a part of the Contract Documents.

Bidders are hereby notified that they shall make any necessary adjustment(s) in their estimates based on this Addendum. It will be construed that each bidder's proposal is submitted with full knowledge of all modifications and supplemental data specified herein.

**ADDENDUM NO. 1**

**See attached documents**

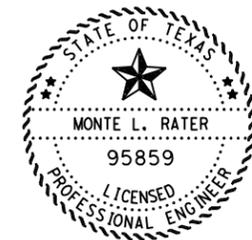
THE ENTIRE BOUND PROPOSAL DOCUMENT RECEIVED FROM TxDOT MUST BE TURNED IN AS THE BID PROPOSAL UNLESS BIDDING ELECTRONICALLY.

USE THE BID BOND FORM BOUND IN THE PROPOSAL ULESS BIDDING ELECTRONICALLLY. NO OTHER BID FORM IS ACCEPTABLE. THE BID BOND CAN BE REMOVED FROM THE PROPOSAL FOR SIGNATURES, SEALS AND THE POWER OF ATTORNEY. THIS FORM MUST BE SIGNED BY THE CONTRACTOR AND SURETY - WITH AN IMPRESSED SEAL. AFTER SIGNATURES - INCLUDE THE COMPLETED BOND IN THE PROPOSAL.

Total pages to this Addendum including cover pages: 71

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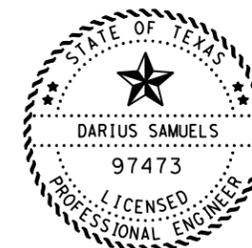
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# 45	TCP (6-2)-12		
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THE STANDARD SHEETS SPECIFICALLY IDENTIFIED ON THIS SHEET AS '#' HAVE BEEN ISSUED BY ME AND ARE APPLICABLE TO THIS PROJECT.

Mar. 28, 2016  
DATE

NAME \_\_\_\_\_



THE STANDARD SHEETS SPECIFICALLY IDENTIFIED ON THIS SHEET AS '<' HAVE BEEN ISSUED BY ME AND ARE APPLICABLE TO THIS PROJECT.

3/30/2016  
DATE

NAME \_\_\_\_\_

## HOPKINS SRA INDEX OF SHEETS

SHEET 1 OF 1

CONT	SECT	JOB	HIGHWAY
0009	09	081	IH 30
DIST	COUNTY		SHEET NO.
PAR	HOPKINS		2

ADDENDUM #1  
03/30/2016

**Project Number:** STP 2000 (825)TE

**Sheet:**

**County:** Hopkins

**Control:** 0009-09-081

**Highway:** IH 30

## GENERAL NOTES

### General:

This project contains the following modified standard sheets: CRCP (1)-13 (MOD).

Questions prior to letting may be submitted by email to the names listed below and will be answered by email:

Sulphur Springs Area Office  
Daniel Taylor, P.E. - [daniel.taylor@txdot.gov](mailto:daniel.taylor@txdot.gov)

A file containing these questions and answers will be available for review by other contractors.

Dispose of waste materials at an approved site. Furnish written approval from the property owner before disposal of waste materials.

Locate equipment a minimum of 30 feet from roadway when possible. Place signs and barricades as approved.

Stockpile sites for construction materials will be approved. Give at least 48 hours notification prior to stockpiling material.

Soil Sulfates Mitigation- The following notes are referenced hereafter by Items 110, 132 & 260:

Subgrade Sulfate Testing ~ Once proposed subgrade elevations are obtained TXDOT may test subgrade using an in-field continuous conductivity machine to determine where necessary soil samples will be collected for laboratory testing. Laboratory testing will determine necessary high sulfate mitigation techniques.

0 – 3,000 ppm of sulfates - no restrictions.

3,001 – 7,000 ppm of sulfates - In a single application, add the prescribed total amount of lime. Uniformly mix the lime into the soil being treated. Lightly compact the mixture to seal and minimize carbonation. Maintain moisture content above optimum. Three days after initial addition of lime, determine soluble sulfate concentration sampled at locations as directed using Tex-145-E, and if the sulfate measurement has been reduced to 3,000 ppm or less, then no additional lime or mellowing time is necessary; however, if sulfate measurement has not been reduced to 3,000 ppm or less, then add 4% additional lime. Uniformly mix the lime into the pretreated soil. Lightly compact the mixture to seal and minimize carbonation and mellow an additional 7 days while maintaining moisture content above optimum. Reprocess the soil-lime mixture to meet the gradation requirements in Item 260, Table 1, and compact it at the optimum moisture content.

**Project Number:** STP 2000 (825)TE

**Sheet:** 8

**County:** Hopkins

**Control:** 0009-09-081

**Highway:** IH 30

Greater than 7,000 ppm of sulfates - Do not bring this soil onto project. Remove or process as directed.

The Department will pay for additional lime treatment of material originating in TxDOT right-of-way when sulfate concentrations are greater than 3,000 ppm and such material is required to be used as shown in the plans.

The Contractor shall clean up, grade if necessary, prep, fertilize, seed and water staging areas at project completion to obtain soil coverage existing before project start. Seed according to Item 164. This work will be subsidiary to the project bid items.

Install the lighting system in accordance with the Texas Manual on Uniform Traffic Control Devices and the National Electrical Code unless otherwise specified in the plans.

Electrical licenses and certifications for this project will be as per Item 7 of the current Texas Standard Specifications and any special provisions to Item 7.

After construction is complete, all circuits are checked, and it is determined that the luminaires are ready to turn on, notify District Transportation Operations to perform a preliminary check of all illumination plan details. When District Transportation Operations deem the system is complete, begin the test period.

The Contractor will be responsible for providing temporary electrical power and water during construction.

### Item 2 Instructions to Bidders:

View plans on-line or download from the web at:

<http://www.txdot.gov/business/letting-bids/plans-online.html>

Order plans from any of the plan reproduction companies shown on the web at:

<http://www.txdot.gov/business/letting-bids/repro-companies.html>

### Item 5 Control of the Work:

The responsibility for the construction surveying on this contract will be in accordance with Section 5.9.3, Method A.

### Item 7 Legal Relations and Responsibilities:

The Contractor Force Account "Safety Contingency" that has been established for this project is intended to be utilized for work zone enhancements, to improve the effectiveness of the Traffic Control Plan, that could not be foreseen in the project planning and design stage. These enhancements will be mutually agreed upon by the Engineer and the Contractor's Responsible Person based on weekly or more frequent traffic management reviews on the project. The

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1 Revised, Addendum #1, 03/30/16

**Project Number:** STP 2000 (825)TE

**Sheet:**

**County:** Hopkins

**Control:** 0009-09-081

**Highway:** IH 30

Provide access for the Engineer to take direct depth measurements immediately following concrete placement. Provide access at the 1/4, 1/2, and 3/4 location across the width of the pavement.



Construct a 1.5" vertical butt joints in the CRCP pavement to provide a termination point for the Permeable Friction Course (PFC). This work will be subsidiary to this Item.

**Item 400 Excavation and Backfill for Structures:**

Excavation and backfill for bridge, culvert and Safety End Treatment construction/installation will be subsidiary the various bid items.

**Item 416 Drill Shaft Foundations:**

Concrete riprap is required for drill shaft foundations for Roadway Illumination Assemblies as shown on standard sheet RID (FND).

Provide single pole watertight breakaway electrical connectors shown on the TxDOT's Material Producer List (MPL) in the file "Roadway Illumination and Electrical Supplies." See the latest RID (LUM2) standard for additional details.

**Item 421 Hydraulic Cement Concrete:**

For structural concrete, if the air content is more than 1.5% below the required air, follow manufacturer recommendations to add the necessary approved air-entraining agent (AEA) to increase the air content at the job site. Limit the addition of AEA in the field to one trial. Do not reject the load of concrete due to low air content, but accept based on strength tests.

If the Contractor elects to use air entrainment in concrete when not required, the upper spec limit will not be waived.



Section 4.8.1 *Certification of Testing Personnel* will not apply to this contract. TxDOT will assume all concrete testing responsibilities listed under section 4.8.3 *Testing of Fresh Concrete*.

**Item 432 ~ Riprap:**

Filter fabric required for stone riprap.

Provide Class B Concrete for riprap to be used on roadway illumination foundation.

**Item 467 ~ Safety End Treatment:**

Pipe culverts ~ 30" diameter and smaller require precast SETs.

Riprap aprons for precast SETs are not required.

**Item 502 Barricades, Signs and Traffic Handling:**

All flaggers are required to wear a white hard hat while performing flagging operations.



Revised, Addendum #1, 03/30/16

General Notes

Sheet I

**Project Number:** STP 2000 (825)TE

**Sheet:** 8D

**County:** Hopkins

**Control:** 0009-09-081

**Highway:** IH 30

The traffic control plan for this contract consists of the installation and maintenance of warning signs and other traffic control devices shown in the plans, specification data which may be included in the general notes, applicable provisions of the Texas Manual on Uniform Traffic Control Devices (TMUTCD), traffic control plan sheets included in the plans, standard BC sheets and Item 502 of the Standard Specifications.

Do not begin Item 502, Barricades, Signs, and Traffic Handling, on the roadway until both of the following conditions are met:

1. The work schedule is approved.
2. No more than 5 workdays will pass between the beginning of Item 502 and the actual commencement of roadway work bid items.

The final estimate will be withheld until all disturbed areas are covered with at least 70% perennial vegetative cover.

Correct all deficiencies within the time frame noted on the Traffic Control Device Inspection Form 599. Failure to make corrections within time frame specified may result in no payment for this Item for the month of the noted deficiency.

Provide Truck Mounted Attenuators (TMA) when indicated on the TCP Standard sheets.



Ensure that both frontage road travel lanes are open at night.

Provide access to private property and Public Roads at all times.

Provide pilot car during one lane/two way traffic operations. Utilize TCP(2-2b)-12 for one lane/two way roadway lane closure.

**Item 506 Temporary Erosion, Sedimentation & Environmental Controls:**

The Temporary Erosion Control measures for this project will consist of using the following items, as directed:

1. Temporary Silt Fence
2. Rock Filter Dams

Silt fences will remain the property of the Contractor upon completion of the project. The final estimate will not be released until all silt fences have been properly removed, or as directed and 70% establishment of vegetative cover is obtained.

Acquire approval for any change to the location of temporary sediment fence, as shown in the plans, prior to installation. Placement of erosion protection devices may be altered, as directed, to satisfy the requirements of the SW3P.

General Notes

Sheet J

**Project Number:** STP 2000 (825)TE

**Sheet:**

**County:** Hopkins

**Control:** 0009-09-081

**Highway:** IH 30

The pay item to remove rock filter dams will require only a partial removal after 70 percent perennial vegetation has been established and approved. When removing the rock filter dams, leave the lower layer of rock adjacent to the ground in place so as not to disturb the soil.

The total disturbed area for the project is 46.89 acres.

The disturbed area in this project, all project locations in the Contract, and Contractor project specific locations (PSLs) within one mile of the project limits will further establish the authorization requirements for storm water discharges. The Department will obtain an authorization to discharge storm water from the Texas Commission on Environmental Quality (TCEQ) for the construction activities shown on the plans. Obtain any required authorization from the TCEQ for any Contractor PSLs for construction support activities on or off ROW. When the total area disturbed for all projects in the Contract and PSLs within one mile of the project limits exceeds five acres, provide a copy of the Contractors NOI for PSLs on the ROW (to the appropriate MS4 operator when on an off-system route).

**Item 529 Concrete Curb, Gutter, And Combined Curb And Gutter**

Reinforcing steel shall be required in all curb/curb and gutter unless otherwise directed by the Engineer.

**Item 531 Sidewalks**

Joints shall be tooled or saw-cut every 4' to a depth of 1 1/2" unless otherwise directed. All expansion joints shall consist of fiberboard and sealed with a Class 7 silicone sealant according to DMS-6310.

All longitudinal joints adjacent to curb shall have fiberboard and sealed with a Class 7 silicone sealant according to DMS-6310

Concrete shall be placed around existing features such as signs, fireplugs, utility poles, and etc. when located within the limits of the new ramp to provide a four foot (4') minimum pathway.

Any excavation/embankment necessary for establishing new ramps to proper grade shall be considered subsidiary to the various bid items.

New ramps shall be added, deleted, and/or changed as directed by the Engineer. New ramps shall be added only to locations with sidewalk and shall be paid at the same unit bid price for this item.

The surfaces of sloped areas shall be broomed to provide a slip resistant finish.

**Item 560 Mailbox Assemblies:**

Install new mailboxes unless the property owner chooses to have an existing, compliant mailbox reinstalled. Return all custom non-compliant mailboxes to the property owner.

All new mailboxes furnished and installed by the contractor will display the address number using one inch (1") adhesive back numbering. The color, type, and style of numbering shall be consistent throughout the project.

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**Sheet:** 8E

**County:** Hopkins

**Control:** 0009-09-081

**Highway:** IH 30

**Item 585 Ride Quality for Pavement Surfaces:**

PFC Ride Quality shall be Surface Test Type A.

**Item 610 Roadway Illumination Assemblies:**

Label each luminaire pole and controller cabinet with a number according to the plans. Provide 4 in. black vinyl characters or stenciled painted characters.

Fabricate steel roadway illumination poles in accordance with TxDOT RIP standard sheets. Poles fabricated according to the RIP Standards require no shop drawings.

Alternate designs to RIP 2011 or the use of aluminum to fabricate poles will require the submission of shop drawings electronically. For instructions on submitting shop drawings electronically go to TxDOT home page, Business with TxDOT, Bridge information, Shop drawings. File is titled: "Guide to Electronic Shop Drawing Submittal."

**Item 618 Conduit:**

Rigid metallic conduit elbows that are required to be installed on conduit system will not be paid for directly, but will be considered subsidiary to the various bid items.

Where the rigid metal conduit is exposed at any point, and where rigid metal conduit extends into ground boxes, bond the metal conduit to the grounding conductor with grounding type bushings or by other UL listed grounding connectors as approved.

**Item 644 Small Roadside Sign Support and Assemblies:**

Upon removal of sign assemblies, deliver sign faces to the TxDOT office located at TxDOT Hopkins County Area Office, Sulphur Springs, TX. Dispose of foundations, posts, and hardware.

Stake proposed sign locations and obtain approval of locations prior to placing foundations.

**Item 662 Work Zone Pavement Markings:**

Non-removable markings may be paint and beads.

Place flexible reflective roadway tabs in accordance with the current WZ (STPM) prior to seal coat operations. Place tabs to indicate the beginning and ending of no passing zones.

Cut, remove and properly dispose of the upright portions of all work zone tabs prior to acceptance of any roadway. Remove entire tab when located on concrete surfaces.

**Item 666 Reflectorized Pavement Markings:**

No contract stripe will be placed unless the inspector is present and at least 24 hours advance notice has been given by the Contractor.

Lay out pilot lines for approval 24 hours prior to all final pavement marking applications.

 Revised, Addendum #1, 03/30/16

**Project Number:** STP 2000 (825)TE

**Sheet:** 8F

**County:** Hopkins

**Control:** 0009-09-081

**Highway:** IH 30

Use equipment with footage counters capable of measuring the linear footage placed. Calibrate counters prior to the beginning of striping operations.

Use a double-drop bead system with an application rate of 7.0 lbs/gal Type II and 7.0 lbs/gal Type III beads. Apply the Type II beads before applying Type III beads. Use a gravity flow applicator to funnel beads onto the stripe. Reduce truck speed enough to ensure that the beads drop onto the stripe and do not roll in the paint film.

Due to problems in traffic handling, do not place a dash center stripe and edge line at the same time.

TXDOT personnel will re-establish no pass zones. Provide five day prior notice to TXDOT personnel.

**Item 6001 Portable Changeable Message Signs**

Use of a portable changeable message sign, as advance notice of IH 30 ramp closures will be required beginning 7 calendar days prior to the start of ramp closures.

Use of a PCMS will be required during IH 30 shoulder closure work.

 Revised, Addendum #1, 03/30/16

# ESTIMATE SUMMARY

		PROJECT STP 2000(825)TE				PROJECT STP 2000(825)TE				AL T	ITEM- CODE			DESCRIPTION	U N I T	TOTAL	
		CONTROL 0009-09-081				CONTROL 0009-09-081					ITEM NO	DESC CODE	SP NO			EST.	FINAL
EST.	FINAL	EST.	FINAL	EST.	FINAL	EST.	FINAL	EST.	FINAL								
								242.750		100	6002		PREPARING ROW	STA	242.750		
								128.000		104	6017		REMOVING CONC (DRIVEWAYS)	SY	128.000		
								6096.000		105	6105		REMOVING STAB BASE AND ASPH PAV(15")	SY	6096.000		
								40.800		106	6001		OBLITERATING ABANDONED ROAD	STA	40.800		
								△ 47166.000		110	6001		EXCAVATION (ROADWAY)	CY	△ 47166.000		
								8312.000		110	6002		EXCAVATION (CHANNEL)	CY	8312.000		
								2372.000		132	6003		EMBANKMENT (FINAL) (ORD COMP) (TY B)	CY	2372.000		
								△ 26124.000		132	6004		EMBANKMENT (FINAL) (DENS CONT) (TY B)	CY	△ 26124.000		
								242.750		160	6002		FURNISHING AND PLACING TOPSOIL (6")	STA	242.750		
								3456.000		162	6002		BLOCK SODDING	SY	3456.000		
								138811.000		164	6021		CELL FBR MLCH SEED (PERM) (RURAL) (SANDY)	SY	138811.000		
								69406.000		164	6029		CELL FBR MLCH SEED (TEMP) (WARM)	SY	69406.000		
								69406.000		164	6031		CELL FBR MLCH SEED (TEMP) (COOL)	SY	69406.000		
								833.000		168	6001		VEGETATIVE WATERING	MG	833.000		
								1.000		170	6001		IRRIGATION SYSTEM	LS	1.000		
								6.200		180	6001		WILDFLOWER SEEDING	AC	6.200		
								2799.000		192	6004		PLANT MATERIAL (5-GAL)	EA	2799.000		
								2555.000		192	6016		PLANT BED PREPARATION	SY	2555.000		
								103.000		192	6024		PLANT MATERIAL (30 GAL) (TREE)	EA	103.000		
								93.000		192	6027		PLANT MATERIAL (100 GAL) (TREE)	EA	93.000		
								49.000		192	6032		PLANT MATERIAL (10 GAL) (SHRUB)	EA	49.000		
								1697.000		247	6136		FL BS (RDWY DEL) (TY D GR 4)	TON	1697.000		
								20814.000		247	6344		FL BS (CMP IN PLACE) (TY D GR 4) (12")	SY	20814.000		
								9683.000		251	6106		REWORK BS MTL (TY B) (12") (ORD COMP)	SY	9683.000		
								2060.000		260	6005		LIME (QUICKLIME (SLURRY))	TON	2060.000		
								104002.000		260	6073		LIME TRT (SUBGRADE) (8")	SY	104002.000		
								518.000		275	6001		CEMENT	TON	518.000		
								20814.000		275	6009		CEMENT TREAT (NEW BASE) (8")	SY	20814.000		
								11162.000		275	6011		CEMENT TREAT (EXIST MATL) (8")	SY	11162.000		
								26220.000		316	6001		ASPH (MULTI OPTION)	GAL	26220.000		
								802.000		316	6002		AGGR (MULTI OPTION)	CY	802.000		
								8951.000		316	6029		ASPH (RC-250)	GAL	8951.000		
								15287.000		341	6008		D-GR HMA TY-B PG64-22	TON	15287.000		
								3466.000		348	6001		TBPFC (MEMBRANE)	GAL	3466.000		
								46.000		348	6002		TBPFC (ASPHALT) (PG 76-22)	TON	46.000		
								614.000		348	6012		TBPFC (AGGREGATE) (SAC-A)	TON	614.000		
								63952.000		360	6003		CONC PVMT (CONT REINF - CRCP) (9")	SY	63952.000		
								516.000		400	6005		CEM STABIL BKFL	CY	516.000		
								1130.000		402	6001		TRENCH EXCAVATION PROTECTION	LF	1130.000		
								56.000		416	6016		DRILL SHAFT (SIGN MTS) (12 IN)	LF	56.000		
								102.000		416	6029		DRILL SHAFT (RDWY ILL POLE) (30 IN)	LF	102.000		
								6.950		432	6001		RIPRAP (CONC) (4 IN)	CY	6.950		
								1017.000		432	6033		RIPRAP (STONE PROTECTION) (18 IN)	CY	1017.000		
								78.000		432	6045		RIPRAP (MOW STRIP) (4 IN)	CY	78.000		
								64.000		462	6005		CONC BOX CULV (4 FT X 4 FT)	LF	64.000		
								74.000		462	6011		CONC BOX CULV (6 FT X 4 FT)	LF	74.000		
								222.000		462	6015		CONC BOX CULV (7 FT X 4 FT)	LF	222.000		
							384.000			462	6032		CONC BOX CULV (10 FT X 8 FT)	LF	552.000		
								338.000		464	6003		RC PIPE (CL III) (18 IN)	LF	338.000		
							14.000			464	6005		RC PIPE (CL III) (24 IN)	LF	186.000		

1 Revised, Addendum #1 - 03/30/2016

## ESTIMATE & QUANTITY SHEET

STATE DIST. NO.	COUNTY	PROJECT NO.	SHEET NO.
01	HOPKINS	STP 2000(825)TE	13

DATE: 3/28/2016 12:37:37 PM  
 FILE: I:\PARTDPD\CUMBY REST AREA\_009-09-081\Design\CAD Plan Sheets\A302 - QUANTITY SUMMARIES.dgn

SUMMARY OF ROADWAY ITEMS						247 6136		247 6344		251 6106		PRIME COURSE 316 6029		FIRST COURSE 316 6002		SECOND COURSE 316 6002		316 6001	
LOCATION		LENGTH	EXISTING BASE WIDTH	PROPOSED SURFACE WIDTH	ALIGNMENT	FL BS (RDWY DEL) (TY D GR 4)	FL BS (CMP IN PLACE) (TY D GR 4) (12")	REWORK BS MTL (TY B) (12") (ORD COMP)	ASPH (RC-250)	AGGR (MULTI OPTION)	AGGR (MULTI OPTION)	ASPH (MULTI OPTION)	AGGR (MULTI OPTION)	ASPH (MULTI OPTION)	AGGR (MULTI OPTION)	ASPH (MULTI OPTION)			
FROM	TO					TON	SY	SY	GAL	CY	CY	GAL	CY	CY	GAL	CY	GAL		
<b>NORTH FRONTAGE ROAD</b>																			
825+00	826+50	150	24	* 26	NFR	66		400	121	3	4	199	4	156					
826+50	841+92	1,542	24	28	NFR	729		4,112	1,343	34	46	2,207	40	1,727					
841+92	878+89	3,697		28	NFR		11,502		3,220	82	110	5,291	96	4,141					
878+89	882+46	357	24	28	NFR	169		952	311	8	11	511	9	400					
882+46	883+96	150	24	* 26	NFR	66		400	121	3	4	199	4	156					
<b>SOUTH FRONTAGE ROAD</b>																			
853+84	855+34	150	24	* 26	SFR	66		400	121	3	4	199	4	156					
855+34	860+53	519	24	28	SFR	245		1,384	452	12	15	743	13	581					
860+53	890+46	2,993		28	SFR		9,312		2,607	67	89	4,283	78	3,352					
890+46	896+59	613	24	28	SFR	290		1,635	534	14	18	877	16	687					
896+59	898+09	150	24	* 26	SFR	66		400	121	3	4	199	4	156					
<b>PROJECT TOTALS</b>						<b>1,697</b>	<b>20,814</b>	<b>9,683</b>	<b>8,951</b>	<b>229</b>	<b>305</b>	<b>14,708</b>	<b>268</b>	<b>11,512</b>					

\* AVERAGE WIDTH  
 \*\* CALCULATED AT 3" DEPTH  
**PRIME COURSE:**  
 ASPHALT - RC 250 @ 0.28 GAL/SY  
 AGGREGATE - TY-B OR TY-L GR-5 SAC-B @ 1 CY/140 SY  
**FIRST COURSE:**  
 ASPHALT - AC-20XP, AC-15P, AC-20-5TR @ 0.46 GAL/SY  
 AGGREGATE - TY-B OR TY-L GR-3 SAC-B @ 1 CY/105 SY  
**SECOND COURSE:**  
 ASPHALT - AC-20XP, AC-15P, AC-20-5TR @ 0.36 GAL/SY  
 AGGREGATE - TY-PB OR TY-PL GR-4 SAC-B @ 1 CY/120 SY

SUMMARY OF ROADWAY ITEMS								
LOCATION		LENGTH	ALIGNMENT	100 6002	106 6001	110 6001	132 6004	160 6002
FROM	TO			PREPARING ROW	OBLITERATING ABANDONED ROAD	EXCAVATION (ROADWAY)	EMBANKMENT (FINAL) (DENS CONT) (TY B)	FURNISHING AND PLACING TOPSOIL (6")
FROM	TO	STA	STA	CY	CY	STA		
<b>NORTH FRONTAGE ROAD</b>								
825+00	883+96	5,896	NFR	58.96	21.03	10,086 $\Delta$	4,394 $\Delta$	58.96
<b>NORTH TRUCK PARKING ROAD AND RAMPS</b>								
832+14	896+85	6,471	NPRA	64.71		10,407 $\Delta$	8,034 $\Delta$	64.71
<b>NORTH CAR PARKING ROAD</b>								
10+00	25+22	1,522	NPRB	15.22		1,511 $\Delta$	588 $\Delta$	15.22
<b>SOUTH FRONTAGE ROAD</b>								
853+04	898+09	4,505	SFR	45.05	19.77	13,792 $\Delta$	4,560 $\Delta$	45.05
<b>SOUTH TRUCK PARKING ROAD AND RAMPS</b>								
855+95	901+75	4,580	SPRA	45.80		6,339 $\Delta$	7,883 $\Delta$	45.80
<b>SOUTH CAR PARKING ROAD AND RAMPS</b>								
50+00	63+01	1,301	SPRB	13.01		5,033 $\Delta$	665 $\Delta$	13.01
<b>PROJECT TOTALS</b>				<b>242.75</b>	<b>40.80</b>	<b>47,168 <math>\Delta</math></b>	<b>26,124 <math>\Delta</math></b>	<b>242.75</b>

**ROADWAY REMOVAL:**  
 NORTH FRONTAGE ROAD - STA. 842+09 TO 863+12  
 SOUTH FRONTAGE ROAD - STA. 861+39 TO 881+16  
 NOTE: PREP ROW LIMITS INCLUDE 30' FROM EDGE OF PAVEMENT ON EACH SIDE OF ROADWAY. SEE VOLUME II FOR ANY ADDITIONAL PREP ROW.

SUMMARY OF GUARDRAIL ITEMS						
LOCATION (FROM SGT HEAD TO SGT HEAD)			432 6045	540 6001	544 6001	658 6062
FROM	TO		RIPRAP (MOW STRIP) (4 IN)	MTL W-BEAM GD FEN (TIM POST)	GUARDRAIL END TREATMENT (INSTALL)	INSTL DEL ASSM (D-SW) SZ 1 (BRF) GF2 (B1)
FROM	TO		CY	LF	EA	EA
862+94	866+17	LT	34	200	2	3
864+33	868+41	RT	44	275	2	3
<b>PROJECT TOTALS</b>			<b>78</b>	<b>475</b>	<b>4</b>	<b>6</b>

**HOPKINS SRA  
 QUANTITY  
 SUMMARIES**

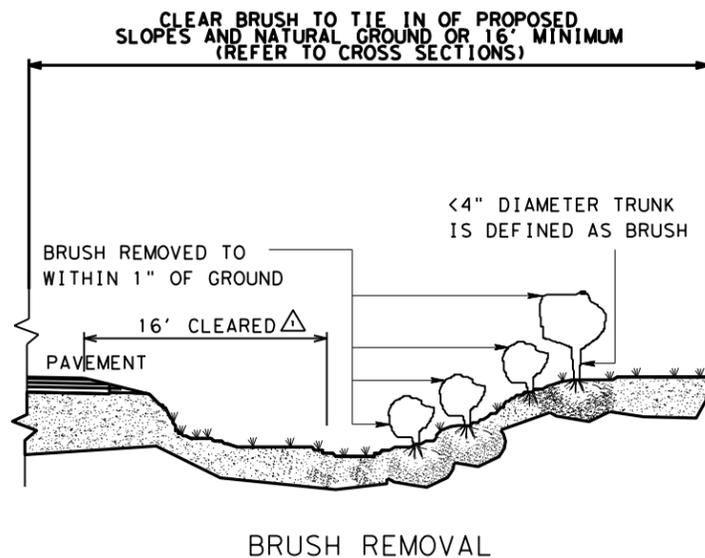
SHEET 2 OF 8



CONT	SECT	JOB	HIGHWAY
0009	09	081	IH 30
DIST	COUNTY		SHEET NO.
PAR	HOPKINS		15

$\Delta$  ADDENDUM #1  
 03/30/2016

DATE: 3/28/2016 11:28:46 AM  
 FILE: I:\PARTPDD\CUMBY REST AREA\_009-09-081\Design\CAD\Plan Sheets\C602-TREE TRIMMING AND BUSH REMOVAL.dgn

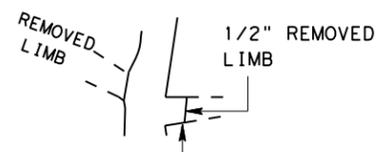


BRUSH REMOVAL

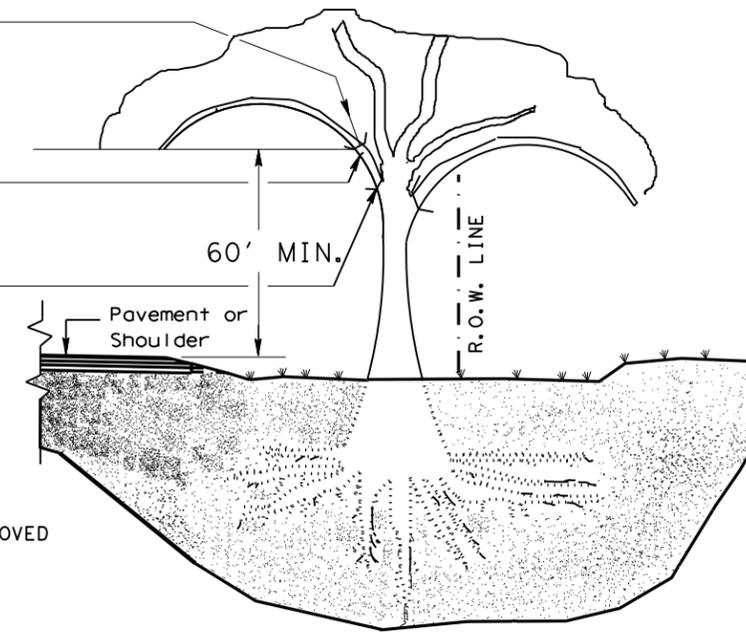
STEP 1:  
 CUT 1/3 WAY THROUGH BOTTOM OF LIMB 8" TO 12" ABOVE MAIN STEM (OR TRUNK).

STEP 2:  
 REMOVE LIMB 4" TO 6" BEYOND THE FIRST CUT

STEP 3:  
 REMOVE STUB WITH A SMOOTH CUT SO THAT TRACE COLLAR OF THE REMOVED LIMB PROTRUDES APPROXIMATELY 1/2" FROM THE MAIN STEM

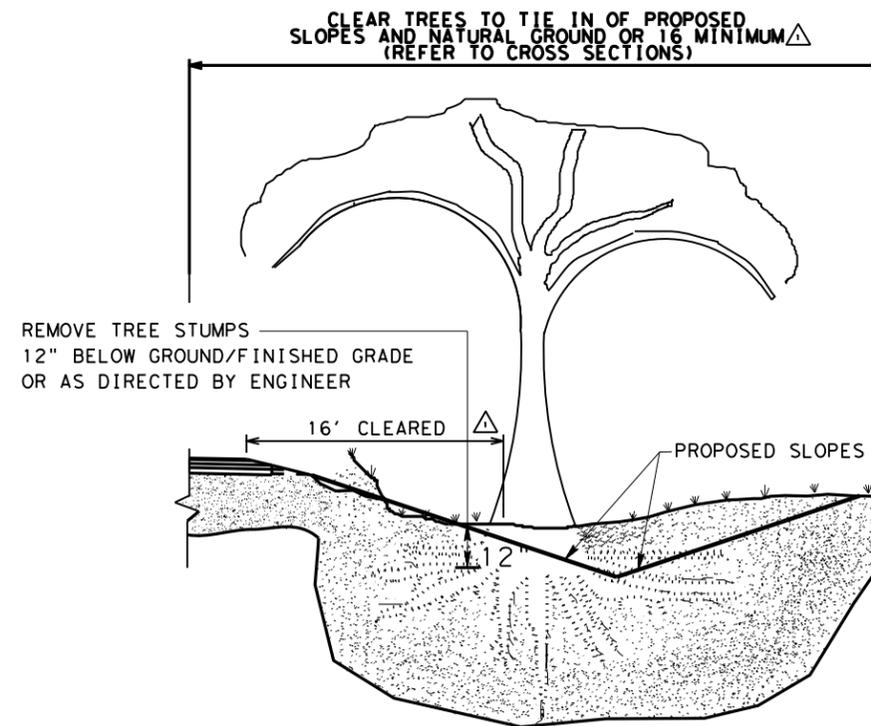


EXAMPLE 1/2" PROTRUDING COLLAR



STEPS 1, 2 AND 3 APPLY WHEN REMOVING LIMBS 2" IN DIAMETER OR LARGER.

TREE TRIMMING  
 IN VOLUME 1 WORK AREAS  $\Delta$



TREE REMOVAL  
 IN VOLUME 1 WORK AREAS  $\Delta$



3.28.16

HOPKINS SRA  
 TREE TRIMMING &  
 BRUSH REMOVAL

NOT TO SCALE  $\Delta$

SHEET 1 OF 1



$\Delta$  ADDENDUM #1  
 03/30/2016

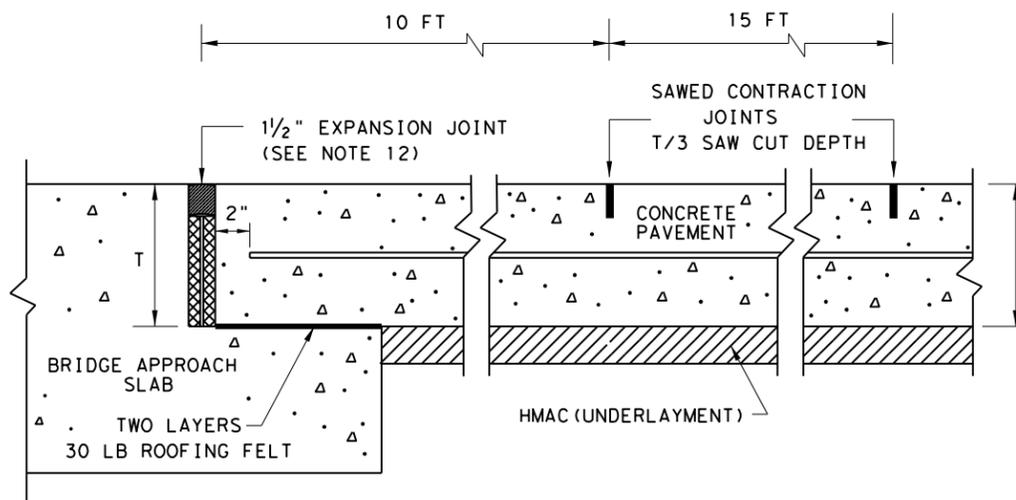
CONT	SECT	JOB	HIGHWAY
0009	09	081	IH 30
DIST	COUNTY	SHEET NO.	
PAR	HOPKINS	82	



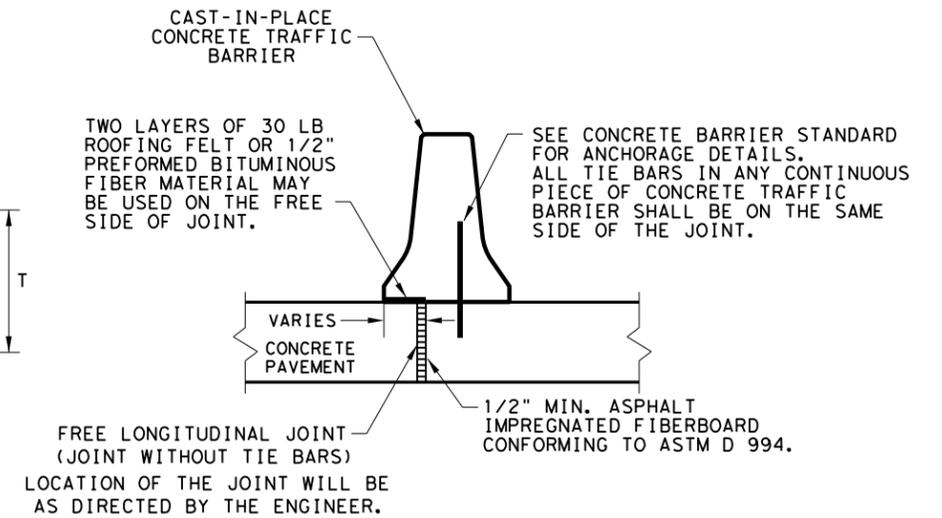
DISCLAIMER: The use of this standard is governed by the "Texas Engineering Practice Act". No warranty of any kind is made by TxDOT for any purpose whatsoever. TxDOT assumes no responsibility for the conversion of units or for the accuracy of the information provided. Design of any structure or component therefor for incorrect results or damages resulting from its use.

DATE: 3/28/2016 10:34:53 AM  
 FILE: T:\PARTDD\CUMBY REST AREA 009-09-081\Design\CAD Standards\2) Roadway Design\CRCP\CRCP.dwg

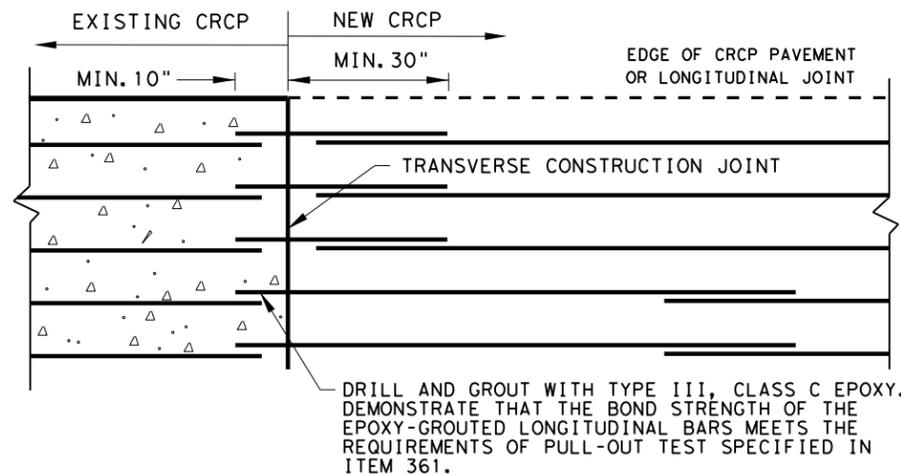
TABLE NO.1A LONGITUDINAL STEEL FOR LOW CTE CONCRETE AS APPROVED BY THE ENGINEER					
SLAB THICKNESS AND BAR SIZE		REGULAR STEEL BARS	FIRST SPACING AT EDGE OR JOINT	ADDITIONAL STEEL BARS AT TRANSVERSE CONSTRUCTION JOINT (SECTION X-X)	
T (IN.)	BAR SIZE	SPACING c (IN.)	SPACING a (IN.)	SPACING 2 x c (IN.)	LENGTH L (IN.)
7.0	#5	7.5	3 TO 4	15	50
7.5	#5	7.0	3 TO 4	14	50
8.0	#6	10.0	3 TO 4	20	50
8.5	#6	9.5	3 TO 4	19	50
9.0	#6	9.0	3 TO 4	18	50
9.5	#6	8.5	3 TO 4	17	50
10.0	#6	8.0	3 TO 4	16	50
10.5	#6	7.5	3 TO 4	15	50
11.0	#6	7.0	3 TO 4	14	50
11.5	#6	6.75	3 TO 4	13.5	50
12.0	#6	6.50	3 TO 4	13	50
12.5	#6	6.25	3 TO 4	12.5	50
13.0	#6	6.0	3 TO 4	12	50



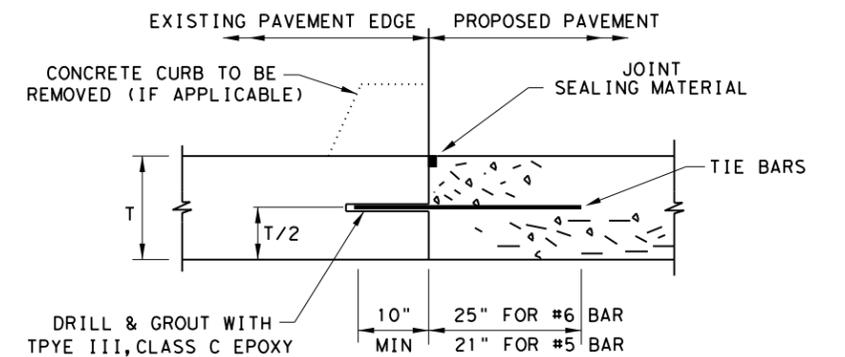
**TRANSVERSE EXPANSION JOINT DETAIL AT BRIDGE APPROACH**



**FREE LONGITUDINAL JOINT DETAIL**

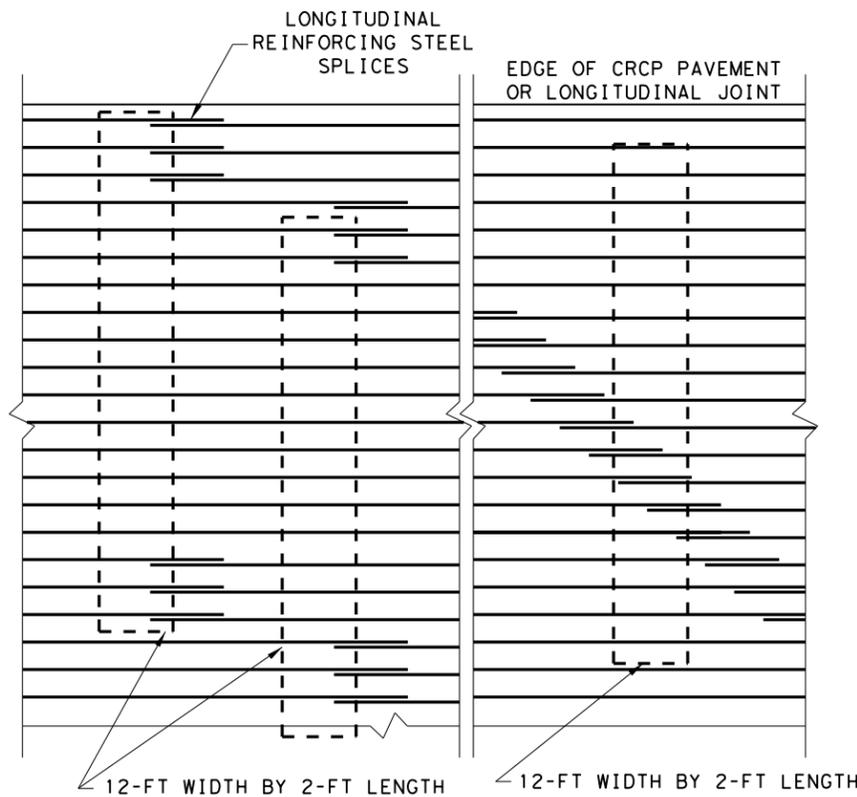


**OPTION A: DRILL AND EPOXY PLAN VIEW (NOT TO SCALE)**



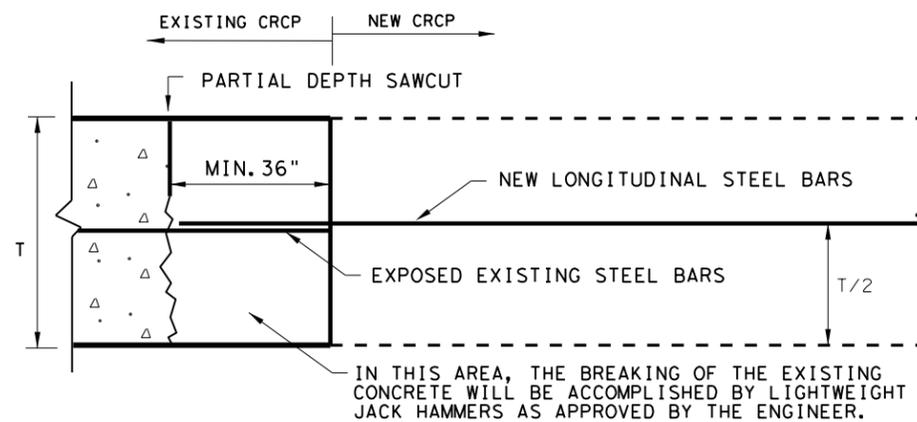
1. BEFORE WIDENING WORK, DEMONSTRATE THAT THE BOND STRENGTH OF THE EPOXY-GROUTED TIE BARS MEETS THE REQUIREMENTS OF PULL-OUT TEST SPECIFIED IN ITEM 361.
2. SPACE TIE BARS AT 24" SPACING. USE #6 TIE BARS FOR 8" AND THICKER SLABS, USE #5 TIE BARS FOR LESS THAN 8" THICK SLABS.

**LONGITUDINAL WIDENING JOINT DETAIL**

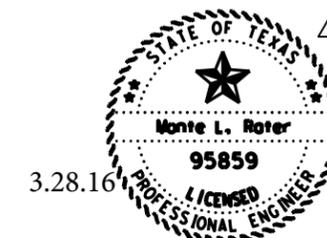


STAGGER THE LAP LOCATIONS SO THAT NO MORE THAN 1/3 OF THE LONGITUDINAL STEEL IS SPLICED IN ANY GIVEN 12-FT. WIDTH AND 2-FT. LENGTH OF THE PAVEMENT. ANY OTHER LAP CONFIGURATION MEETING THIS REQUIREMENT WILL BE ALLOWED.

**EXAMPLES OF LAP CONFIGURATION PLAN VIEW (NOT TO SCALE)**



**OPTION B: BREAKBACK AND LAP TRANSVERSE TIE JOINT DETAIL EXISTING CRCP TO NEW CRCP**



3.28.16

ADDENDUM #1  
03/30/2016

SHEET 2 OF 2

		Design Division Standard	
<b>CONTINUOUSLY REINFORCED CONCRETE PAVEMENT</b> <b>ONE LAYER STEEL BAR PLACEMENT</b> <b>T - 7 to 13 INCHES</b> <b>CRCP(1)-13 (MOD)</b>			
FILE: crcp113.dgn	DN: TxDOT	CK: AN	DW: HC/VP
©TxDOT October 2013	CONT SECT	JOB	HIGHWAY
REVISIONS	0009 09	081	IH 30
DIST	COUNTY	SHEET NO.	
PAR	HOPKINS	95A	

# NOTIFICATION OF ADDENDUM

## ADDENDUM NO. 1

**DATED 3/30/2016**

<b>Control</b>	<b>0009-09-081</b>
<b>Project</b>	<b>STP 2000(825)TE</b>
<b>Highway</b>	<b>IH 30</b>
<b>County</b>	<b>HOPKINS</b>

Ladies/Gentlemen:

Attached please find an addendum on the above captioned project. Included in the attachment is an addendum notification which details the changes and the respective proposal pages which were added and/or changed.

Except for new bid insert pages, it is unnecessary to return any of the pages attached.

Bid insert pages must be returned with the bid proposal submitted to the Department, unless your firm is submitting a bid using a computer print out. The computer print out must be changed to reflect the new bid item information.

Contractors and material suppliers, etc. who have previously been furnished informational proposals are not being furnished a copy of the addendum. If you have a subcontractor on the above project, please advise them of this addendum. Acknowledgment of this addendum is not requested if your company has been issued a proposal stamped "This Proposal Issued for Informational Purposes."

You are required to acknowledge receipt of this addendum on the Addendum Acknowledgement form contained in your bid proposal by placing a mark in the box next to the respective addendum.

Failure to Acknowledge receipt of this addendum in your bid proposal will result in your bid not being read.

SUBJECT: PLANS AND PROPOSAL ADDENDUMS

PROJECT: STP 2000(825)TE

CONTROL: 0009-09-081

COUNTY: HOPKINS

LETTING: 04/06/2016

REFERENCE NO: 0330

**PROPOSAL ADDENDUMS**

-----  
\_ PROPOSAL COVER

X BID INSERTS (SH. NO.: 1-11 )

X GENERAL NOTES (SH. NO.: A, I, J, K, L, M )

X SPEC LIST (SH. NO.: 3-3 )

X SPECIAL PROVISIONS:

ADDED: 000---241, 000---249

DELETED: 003---008

\_ SPECIAL SPECIFICATIONS:

ADDED:

DELETED:

X OTHER: Plan Sheets: 2, 8, 8D, 8E, 8F, 13, 15, 82, 95, 95A

DESCRIPTION OF ABOVE CHANGES

(INCLUDING PLANS SHEET CHANGES)

PROPOSAL:

Bid Tabs:

Sheet 1-11, Changed quantities of Items 110 6001 and 132 6004.

Specification Data:

Sheet A, Revised General Note to include modified standard.

Sheet I, Revised Item 360 notes to include vertical butt joint requirements. Revised Item 421 notes to include concrete testing responsibilities. Notes shifted.

Sheet J, Revised Item 502 notes to ensure that both frontage road travel lanes are open at night. Notes shifted.

Sheets K & L, Notes shifted.

Sheet M, Removed duplicate Item 360 notes. Notes shifted.

Spec List:

Deleted SP 003---008. Added SP 000---241 and SP 000---249.

Plan Sheets:

Sheet 2, Index of Sheets, Renamed CRCP(1)-13.

Sheet 008, General Notes, Revised General Note to include modified standard.

Sheet 008D, General Notes, Revised Item 360 notes to include Vertical Butt Joint requirements. Revised Item 421 notes to include concrete testing

DESCRIPTION OF ABOVE CHANGES

(CONTINUED)

(INCLUDING PLANS SHEET CHANGES)

responsibilities. Revised Item 502 notes to ensure that both frontage road travel lanes are open at night. Notes shifted.  
Sheet 008E, General Notes, Notes shifted.  
Sheet 008F, Removed duplicate Item 360 notes. Notes shifted.  
Sheet 13, Estimate & Quantity, Revised quantities of Items 110 6001 and 132 6004.  
Sheet 15, Quantity Summary, Revised quantities of Items 110 6001 and 132 6004.  
Sheet 82, Tree Trimming and Brush Removal, Clarified the limits of work.  
Sheet 095, CRCP(1)-13 (MOD), Added Longitudinal Joint Detail. Changed name.  
Sheet 095A, CRCP(1)-13 (MOD), Changed name.

ALT	ITEM-CODE			UNIT BID PRICE ONLY. WRITTEN IN WORDS	UNIT	APPROX QUANTITIES	DEPT USE ONLY
	ITEM NO	DESC CODE	S.P. NO.				
	100	6002		PREPARING ROW  DOLLARS and CENTS	STA	242.750	1
	104	6017		REMOVING CONC (DRIVEWAYS)  DOLLARS and CENTS	SY	128.000	2
	105	6105		REMOVING STAB BASE AND ASPH PAV(15")  DOLLARS and CENTS	SY	6,096.000	3
	106	6001		OBLITERATING ABANDONED ROAD  DOLLARS and CENTS	STA	40.800	4
	110	6001		EXCAVATION (ROADWAY)  DOLLARS and CENTS	CY	47,166.000	5
	110	6002		EXCAVATION (CHANNEL)  DOLLARS and CENTS	CY	8,312.000	6
	132	6003		EMBANKMENT (FINAL)(ORD COMP)(TY B)  DOLLARS and CENTS	CY	2,372.000	7
	132	6004		EMBANKMENT (FINAL)(DENS CONT)(TY B)  DOLLARS and CENTS	CY	26,124.000	8
	160	6002		FURNISHING AND PLACING TOPSOIL (6")  DOLLARS and CENTS	STA	242.750	9
	162	6002		BLOCK SODDING  DOLLARS and CENTS	SY	3,456.000	10
	164	6021		CELL FBR MLCH SEED(PERM)(RURAL)(SANDY)  DOLLARS and CENTS	SY	138,811.000	11

ALT	ITEM-CODE			UNIT BID PRICE ONLY. WRITTEN IN WORDS	UNIT	APPROX QUANTITIES	DEPT USE ONLY
	ITEM NO	DESC CODE	S.P. NO.				
	164	6029		CELL FBR MLCH SEED(TEMP)(WARM) DOLLARS and CENTS	SY	69,406.000	12
	164	6031		CELL FBR MLCH SEED(TEMP)(COOL) DOLLARS and CENTS	SY	69,406.000	13
	168	6001		VEGETATIVE WATERING DOLLARS and CENTS	MG	833.000	14
	170	6001		IRRIGATION SYSTEM DOLLARS and CENTS	LS	1.000	15
	180	6001		WILDFLOWER SEEDING DOLLARS and CENTS	AC	6.200	16
	192	6004		PLANT MATERIAL (5-GAL) DOLLARS and CENTS	EA	2,799.000	17
	192	6016		PLANT BED PREPARATION DOLLARS and CENTS	SY	2,555.000	18
	192	6024		PLANT MATERIAL (30 GAL) (TREE) DOLLARS and CENTS	EA	103.000	19
	192	6027		PLANT MATERIAL (100 GAL) (TREE) DOLLARS and CENTS	EA	93.000	20
	192	6032		PLANT MATERIAL (10 GAL) (SHRUB) DOLLARS and CENTS	EA	49.000	21
	247	6136		FL BS (RDWY DEL) (TY D GR 4) DOLLARS and CENTS	TON	1,697.000	22
	247	6344		FL BS (CMP IN PLACE)(TY D GR 4)(12") DOLLARS and CENTS	SY	20,814.000	23

ALT	ITEM-CODE			UNIT BID PRICE ONLY. WRITTEN IN WORDS	UNIT	APPROX QUANTITIES	DEPT USE ONLY
	ITEM NO	DESC CODE	S.P. NO.				
	251	6106		REWORK BS MTL (TY B) (12")(ORD COMP) DOLLARS and CENTS	SY	9,683.000	24
	260	6005		LIME (QUICKLIME (SLURRY)) DOLLARS and CENTS	TON	2,060.000	25
	260	6073		LIME TRT (SUBGRADE)(8") DOLLARS and CENTS	SY	104,002.000	26
	275	6001		CEMENT DOLLARS and CENTS	TON	518.000	27
	275	6009		CEMENT TREAT (NEW BASE) (8") DOLLARS and CENTS	SY	20,814.000	28
	275	6011		CEMENT TREAT(EXIST MATL)(8") DOLLARS and CENTS	SY	11,162.000	29
	316	6001		ASPH (MULTI OPTION) DOLLARS and CENTS	GAL	26,220.000	30
	316	6002		AGGR (MULTI OPTION) DOLLARS and CENTS	CY	802.000	31
	316	6029		ASPH (RC-250) DOLLARS and CENTS	GAL	8,951.000	32
	341	6008		D-GR HMA TY-B PG64-22 DOLLARS and CENTS	TON	15,287.000	33
	348	6001		TBPFC (MEMBRANE) DOLLARS and CENTS	GAL	3,466.000	34
	348	6002		TBPFC (ASPHALT)(PG 76-22) DOLLARS and CENTS	TON	46.000	35

ALT	ITEM-CODE			UNIT BID PRICE ONLY. WRITTEN IN WORDS	UNIT	APPROX QUANTITIES	DEPT USE ONLY
	ITEM NO	DESC CODE	S.P. NO.				
	348	6012		TBPFC (AGGREGATE) (SAC-A) DOLLARS and CENTS	TON	614.000	36
	360	6003		CONC PVMT (CONT REINF - CRCP) (9") DOLLARS and CENTS	SY	63,952.000	37
	400	6005		CEM STABIL BKFL DOLLARS and CENTS	CY	516.000	38
	402	6001		TRENCH EXCAVATION PROTECTION DOLLARS and CENTS	LF	1,130.000	39
	416	6016		DRILL SHAFT (SIGN MTS) (12 IN) DOLLARS and CENTS	LF	56.000	40
	416	6029		DRILL SHAFT (RDWY ILL POLE) (30 IN) DOLLARS and CENTS	LF	102.000	41
	432	6001		RIPRAP (CONC)(4 IN) DOLLARS and CENTS	CY	6.950	42
	432	6033		RIPRAP (STONE PROTECTION)(18 IN) DOLLARS and CENTS	CY	1,017.000	43
	432	6045		RIPRAP (MOW STRIP)(4 IN) DOLLARS and CENTS	CY	78.000	44
	462	6005		CONC BOX CULV (4 FT X 4 FT) DOLLARS and CENTS	LF	64.000	45
	462	6011		CONC BOX CULV (6 FT X 4 FT) DOLLARS and CENTS	LF	74.000	46
	462	6015		CONC BOX CULV (7 FT X 4 FT) DOLLARS and CENTS	LF	222.000	47

ALT	ITEM-CODE			UNIT BID PRICE ONLY. WRITTEN IN WORDS	UNIT	APPROX QUANTITIES	DEPT USE ONLY
	ITEM NO	DESC CODE	S.P. NO.				
	462	6032		CONC BOX CULV (10 FT X 8 FT) DOLLARS and CENTS	LF	552.000	48
	464	6003		RC PIPE (CL III)(18 IN) DOLLARS and CENTS	LF	338.000	49
	464	6005		RC PIPE (CL III)(24 IN) DOLLARS and CENTS	LF	186.000	50
	464	6020		RC PIPE (CL IV)(36 IN) DOLLARS and CENTS	LF	98.000	51
	465	6233		INLET (COMP) (TY SIDEWALK BRIDGE) DOLLARS and CENTS	EA	1.000	52
	466	6130		HEADWALL (CH - PW - S) (DIA= 24 IN) DOLLARS and CENTS	EA	2.000	53
	466	6134		HEADWALL (CH - PW - S) (DIA= 36 IN) DOLLARS and CENTS	EA	2.000	54
	466	6195		WINGWALL (PW - 2) (HW=6 FT) DOLLARS and CENTS	EA	10.000	55
	466	6198		WINGWALL (PW - 2) (HW=9 FT) DOLLARS and CENTS	EA	4.000	56
	467	6358		SET (TY II) (18 IN) (RCP) (4: 1) (C) DOLLARS and CENTS	EA	10.000	57
	467	6363		SET (TY II) (18 IN) (RCP) (6: 1) (P) DOLLARS and CENTS	EA	2.000	58
	467	6395		SET (TY II) (24 IN) (RCP) (6: 1) (P) DOLLARS and CENTS	EA	4.000	59

ALT	ITEM-CODE			UNIT BID PRICE ONLY. WRITTEN IN WORDS	UNIT	APPROX QUANTITIES	DEPT USE ONLY
	ITEM NO	DESC CODE	S.P. NO.				
	496	6007		REMOV STR (PIPE)  DOLLARS and CENTS	LF	88.000	60
	500	6001		MOBILIZATION  DOLLARS and CENTS	LS	1.000	61
	502	6001		BARRICADES, SIGNS AND TRAFFIC HAN- DLING  DOLLARS and CENTS	MO	25.000	62
	506	6001	003	ROCK FILTER DAMS (INSTALL) (TY 1)  DOLLARS and CENTS	LF	325.000	63
	506	6011	003	ROCK FILTER DAMS (REMOVE)  DOLLARS and CENTS	LF	325.000	64
	506	6038	003	TEMP SEDMT CONT FENCE (INSTALL)  DOLLARS and CENTS	LF	2,765.000	65
	506	6039	003	TEMP SEDMT CONT FENCE (REMOVE)  DOLLARS and CENTS	LF	2,765.000	66
	529	6008		CONC CURB & GUTTER (TY II)  DOLLARS and CENTS	LF	3,807.000	67
	530	6004		DRIVEWAYS (CONC)  DOLLARS and CENTS	SY	122.000	68
	530	6005		DRIVEWAYS (ACP)  DOLLARS and CENTS	SY	488.000	69
	530	6009		TURNOUTS (SURF TREAT)  DOLLARS and CENTS	SY	87.000	70
	531	6001		CONC SIDEWALKS (4")  DOLLARS and CENTS	SY	4,893.000	71

ALT	ITEM-CODE			UNIT BID PRICE ONLY. WRITTEN IN WORDS	UNIT	APPROX QUANTITIES	DEPT USE ONLY
	ITEM NO	DESC CODE	S.P. NO.				
	531	6004		CURB RAMPS (TY 1)  DOLLARS and CENTS	EA	2.000	72
	531	6015		CURB RAMPS (TY 20)  DOLLARS and CENTS	EA	1.000	73
	540	6001		MTL W-BEAM GD FEN (TIM POST)  DOLLARS and CENTS	LF	475.000	74
	544	6001		GUARDRAIL END TREATMENT (INSTALL)  DOLLARS and CENTS	EA	4.000	75
	545	6001		CRASH CUSH ATTEN (INSTL)  DOLLARS and CENTS	EA	1.000	76
	545	6005		CRASH CUSH ATTEN (REMOVE)  DOLLARS and CENTS	EA	2.000	77
	560	6007		MAILBOX INSTALL-S (WC-POST) TY 3  DOLLARS and CENTS	EA	2.000	78
	560	6008		MAILBOX INSTALL-D (WC-POST) TY 3  DOLLARS and CENTS	EA	1.000	79
	610	6050		IN RD IL AM (TY SA) 40T-8 (250W) S  DOLLARS and CENTS	EA	17.000	80
	618	6075		CONDT (RM) (3") (BORE)  DOLLARS and CENTS	LF	408.000	81
	622	6002		DCT CBL (3 NO.8) (2 INSULATED 1 BARE)  DOLLARS and CENTS	LF	5,040.000	82
	628	6033		ELC SRV TY A 240/480 060(NS)AL(E)SP(O)  DOLLARS and CENTS	EA	2.000	83

ALT	ITEM-CODE			UNIT BID PRICE ONLY. WRITTEN IN WORDS	UNIT	APPROX QUANTITIES	DEPT USE ONLY
	ITEM NO	DESC CODE	S.P. NO.				
	636	6001		ALUMINUM SIGNS (TY A)  DOLLARS and CENTS	SF	28.000	84
	636	6002		ALUMINUM SIGNS (TY G)  DOLLARS and CENTS	SF	355.750	85
	644	6001		IN SM RD SN SUP&AM TY10BWG(1)SA(P)  DOLLARS and CENTS	EA	13.000	86
	644	6004		IN SM RD SN SUP&AM TY10BWG(1)SA(T)  DOLLARS and CENTS	EA	2.000	87
	644	6030		IN SM RD SN SUP&AM TYS80(1)SA(T)  DOLLARS and CENTS	EA	1.000	88
	644	6033		IN SM RD SN SUP&AM TYS80(1)SA(U)  DOLLARS and CENTS	EA	2.000	89
	644	6060		IN SM RD SN SUP&AM TYTWT(1)WS(P)  DOLLARS and CENTS	EA	46.000	90
	644	6076		REMOVE SM RD SN SUP&AM  DOLLARS and CENTS	EA	17.000	91
	647	6001		INSTALL LRSS (STRUCT STEEL)  DOLLARS and CENTS	LB	2,180.870	92
	658	6048		INSTL OM ASSM (OM-2Z)(FLX)GND  DOLLARS and CENTS	EA	32.000	93
	658	6062		INSTL DEL ASSM (D-SW)SZ 1(BRF)GF2(BI)  DOLLARS and CENTS	EA	6.000	94
	662	6034		WK ZN PAV MRK NON-REMOV (Y)4"(SLD)  DOLLARS and CENTS	LF	20,816.000	95

ALT	ITEM-CODE			UNIT BID PRICE ONLY. WRITTEN IN WORDS	UNIT	APPROX QUANTITIES	DEPT USE ONLY
	ITEM NO	DESC CODE	S.P. NO.				
	662	6111		WK ZN PAV MRK SHT TERM (TAB)TY Y-2 DOLLARS and CENTS	EA	3,123.000	96
	666	6036		REFL PAV MRK TY I (W)8"(SLD)(100MIL) DOLLARS and CENTS	LF	3,150.000	97
	666	6048		REFL PAV MRK TY I (W)24"(SLD)(100MIL) DOLLARS and CENTS	LF	700.000	98
	666	6075		REFL PAV MRK TY I (W)(NUMBER)(100MIL) DOLLARS and CENTS	EA	1.000	99
	666	6081		REFL PAV MRK TY I(W)(ENTR GORE)(100MIL) DOLLARS and CENTS	EA	2.000	100
	666	6084		REFL PAV MRK TY I(W)(EXIT GORE)(100MIL) DOLLARS and CENTS	EA	2.000	101
	666	6102		REF PAV MRK TY I(W)36"(YLD TRI)(100MIL) DOLLARS and CENTS	EA	18.000	102
	666	6170		REFL PAV MRK TY II (W) 4" (SLD) DOLLARS and CENTS	LF	13,563.000	103
	666	6178		REFL PAV MRK TY II (W) 8" (SLD) DOLLARS and CENTS	LF	3,150.000	104
	666	6182		REFL PAV MRK TY II (W) 24" (SLD) DOLLARS and CENTS	LF	700.000	105
	666	6193		REFL PAV MRK TY II (W) (ENTR GORE) DOLLARS and CENTS	EA	2.000	106
	666	6194		REFL PAV MRK TY II (W) (EXIT GORE) DOLLARS and CENTS	EA	2.000	107

ALT	ITEM-CODE			UNIT BID PRICE ONLY. WRITTEN IN WORDS	UNIT	APPROX QUANTITIES	DEPT USE ONLY
	ITEM NO	DESC CODE	S.P. NO.				
	666	6199		REFL PAV MRK TY II (W) 36" (YLD TRI) DOLLARS and CENTS	EA	10.000	108
	666	6207		REFL PAV MRK TY II (Y) 4" (SLD) DOLLARS and CENTS	LF	13,218.000	109
	666	6303		RE PM W/RET REQ TY I (W)4"(SLD)(100MIL) DOLLARS and CENTS	LF	34,379.000	110
	666	6312		RE PM W/RET REQ TY I (Y)4"(BRK)(100MIL) DOLLARS and CENTS	LF	300.000	111
	666	6315		RE PM W/RET REQ TY I (Y)4"(SLD)(100MIL) DOLLARS and CENTS	LF	34,034.000	112
	668	6055		PRE PM TY B(ACC PRK)(BL&WH)(W/ BORDR)LG DOLLARS and CENTS	EA	4.000	113
	672	6009		REFL PAV MRKR TY II-A-A DOLLARS and CENTS	EA	261.000	114
	672	6010		REFL PAV MRKR TY II-C-R DOLLARS and CENTS	EA	300.000	115
	677	6001		ELIM EXT PAV MRK & MRKS (4") DOLLARS and CENTS	LF	2,600.000	116
	678	6001		PAV SURF PREP FOR MRK (4") DOLLARS and CENTS	LF	26,781.000	117
	678	6004		PAV SURF PREP FOR MRK (8") DOLLARS and CENTS	LF	3,150.000	118
	678	6008		PAV SURF PREP FOR MRK (24") DOLLARS and CENTS	LF	700.000	119

ALT	ITEM-CODE			UNIT BID PRICE ONLY. WRITTEN IN WORDS	UNIT	APPROX QUANTITIES	DEPT USE ONLY
	ITEM NO	DESC CODE	S.P. NO.				
	678	6017		PAV SURF PREP FOR MRK (ENTR GORE) DOLLARS and CENTS	EA	2.000	120
	678	6018		PAV SURF PREP FOR MRK (EXIT GORE) DOLLARS and CENTS	EA	2.000	121
	678	6023		PAV SURF PREP FOR MRK (36")(YLD TRI) DOLLARS and CENTS	EA	10.000	122
	5008	6001		WHEEL STOPS DOLLARS and CENTS	EA	16.000	123
	5014	6001		SAFETY REST AREA DOLLARS and CENTS	LS	1.000	124
	6001	6002		PORTABLE CHANGEABLE MESSAGE SIGN DOLLARS and CENTS	EA	2.000	125

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## **GENERAL NOTES**

### **General:**

This project contains the following modified standard sheets: CRCP (1)-13 (MOD).

Questions prior to letting may be submitted by email to the names listed below and will be answered by email:

Sulphur Springs Area Office  
Daniel Taylor, P.E. - [daniel.taylor@txdot.gov](mailto:daniel.taylor@txdot.gov)

A file containing these questions and answers will be available for review by other contractors.

Dispose of waste materials at an approved site. Furnish written approval from the property owner before disposal of waste materials.

Locate equipment a minimum of 30 feet from roadway when possible. Place signs and barricades as approved.

Stockpile sites for construction materials will be approved. Give at least 48 hours notification prior to stockpiling material.

Soil Sulfates Mitigation- The following notes are referenced hereafter by Items 110, 132 & 260:

Subgrade Sulfate Testing ~ Once proposed subgrade elevations are obtained TXDOT may test subgrade using an in-field continuous conductivity machine to determine where necessary soil samples will be collected for laboratory testing. Laboratory testing will determine necessary high sulfate mitigation techniques.

0 – 3,000 ppm of sulfates - no restrictions.

3,001 – 7,000 ppm of sulfates - In a single application, add the prescribed total amount of lime. Uniformly mix the lime into the soil being treated. Lightly compact the mixture to seal and minimize carbonation. Maintain moisture content above optimum. Three days after initial addition of lime, determine soluble sulfate concentration sampled at locations as directed using Tex-145-E, and if the sulfate measurement has been reduced to 3,000 ppm or less, then no additional lime or mellowing time is necessary; however, if sulfate measurement has not been reduced to 3,000 ppm or less, then add 4% additional lime. Uniformly mix the lime into the pretreated soil. Lightly compact the mixture to seal and minimize carbonation and mellow an additional 7 days while maintaining moisture content above optimum. Reprocess the soil-lime mixture to meet the gradation requirements in Item 260, Table 1, and compact it at the optimum moisture content.

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Greater than 7,000 ppm of sulfates - Do not bring this soil onto project. Remove or process as directed.

The Department will pay for additional lime treatment of material originating in TxDOT right-of-way when sulfate concentrations are greater than 3,000 ppm and such material is required to be used as shown in the plans.

The Contractor shall clean up, grade if necessary, prep, fertilize, seed and water staging areas at project completion to obtain soil coverage existing before project start. Seed according to Item 164. This work will be subsidiary to the project bid items.

Install the lighting system in accordance with the Texas Manual on Uniform Traffic Control Devices and the National Electrical Code unless otherwise specified in the plans.

Electrical licenses and certifications for this project will be as per Item 7 of the current Texas Standard Specifications and any special provisions to Item 7.

After construction is complete, all circuits are checked, and it is determined that the luminaires are ready to turn on, notify District Transportation Operations to perform a preliminary check of all illumination plan details. When District Transportation Operations deem the system is complete, begin the test period.

The Contractor will be responsible for providing temporary electrical power and water during construction.

**Item 2 Instructions to Bidders:**

View plans on-line or download from the web at:

<http://www.txdot.gov/business/letting-bids/plans-online.html>

Order plans from any of the plan reproduction companies shown on the web at:

<http://www.txdot.gov/business/letting-bids/repro-companies.html>

**Item 5 Control of the Work:**

The responsibility for the construction surveying on this contract will be in accordance with Section 5.9.3, Method A.

**Item 7 Legal Relations and Responsibilities:**

The Contractor Force Account "Safety Contingency" that has been established for this project is intended to be utilized for work zone enhancements, to improve the effectiveness of the Traffic Control Plan, that could not be foreseen in the project planning and design stage. These enhancements will be mutually agreed upon by the Engineer and the Contractor's Responsible Person based on weekly or more frequent traffic management reviews on the project. The

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Engineer may choose to use existing bid items if it does not slow the implementation of enhancement.

**Item 8 Prosecution and Progress:**

Provide a Critical Path Method (CPM) progress schedule for this project.

**Item 100 Preparing Right of Way:**

Receive approval of equipment used to trim limbs. A boom axe will not be allowed. Remove all trimmed debris from the ROW, unless otherwise approved.

Perform "Preparing Right of Way" operations in the usual manner within the limits of the excavation and fill areas as shown on the plans. Remove only such trees, brush, weeds, etc. as designated by the engineer. Use a light skim blading on the existing sodded areas beyond construction limits to remove rocks, weeds, and other objectionable material as directed by the Engineer. Exercise care to avoid disturbing the native grasses unnecessarily during construction. Rake and smooth the topsoil in the areas to be sodded to an even grade. Block sod will be subjected to the same 90 day guarantee period as the plant materials.

Prior to preparing Right of Way, the general contractor shall provide a survey staking to indicate the limits of the edge of pavement, building pads, trail alignment, drainage structures, etc. Those existing trees, shrubs, or other landscape features, designated by the Engineer for preservation and pruning as indicated in the "Tree Protection Detail" sheets and/or as directed by the Engineer shall be protected and pruned to the satisfaction of the Engineer. This protection work shall be considered subsidiary to this item.

**Item 105 Removing Treated and Untreated Base and Asphalt Pavement:**

Break salvage material into pieces not larger than 2". Construct separate stockpiles for asphaltic surfacing material and flexible base material.

Stockpile salvage material at the IH 30/ FM 275 intersection.

**Item 106 Obliterating Abandoned Road:**

Stockpile salvage materials at the IH 30/ FM 275 intersection.

**Item 110 Excavation:**

Material below finished subgrade elevation suspected of containing sulfates will be tested in accordance with Tex -145-E by the Department. Treat subgrade material to the required depth and width in accordance with the Soil Sulfates Mitigation General Notes.

Before excavation operations the existing topsoil shall be salvaged in a manner to preserve the vigor of the existing Bermuda grass sod per Item 160.

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**Item 132 Embankment:**

Test potential embankment sources using Tex-145-E to determine the presence and concentration of sulfates.

Embankment sources containing sulfates that meet specification requirements may be used as fill material provided it is placed with at least one foot of separation from materials to be treated with lime, cement, or other calcium-based stabilizers. When soils are to be placed with less than one foot of separation from material to be treated with lime, cement, or other calcium based stabilizers, process and treat such soils according to the Soil Sulfates Mitigation General Notes.

No additional compensation will be made for stabilizing and treating embankment material obtained outside TxDOT right-of-way which has a sulfate concentration exceeding 3,000 ppm Do not bring soils with sulfate concentrations exceeding 3,000 ppm onto project.

Before embankment operations the existing topsoil shall be salvaged in a manner to preserve the vigor of the existing Bermuda grass sod per Item 160.

**Item 164 Seeding for Erosion Control, 166 Fertilizer:**

Apply fertilizer with a ratio of 3-1-2 over the areas to be seeded. This work will not be paid for directly, but will be considered subsidiary to Item 164.

Cellulose fiber mulch seeding shall be applied in areas designated on the plans or as directed by the Engineer. This work shall not be performed until all the construction and planting activities have been completed. Prior to seeding, the areas designated shall be finished to a smooth surface for a uniform application of seed.

Seeding shall be accomplished by the Hydromulch Method in two applications as shown below:

1<sup>st</sup> application –

Grass seed and Fertilizer

2<sup>nd</sup> application –

Cellulose fiber mulch shall be applied according to the arte shown in the Standard Specification Book.

Fertilizer shall be applied at the rate of 100 pounds (100 lbs.) of Nitrogen per acre. Fertilizer shall be homogenized.

Re-seeding

Areas requiring re-seeding due to the non-establishment of sufficient vegetative cover, shall be re-seeded in accordance to Items 164 & 168. The cost for re-seeding shall be paid for by the State provided that the Contractor has followed the seeding and watering requirements as specified in Items 164 & 168

Seed mixture

Seed mixture shall be as specified under Item 164.

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**Item 168 Vegetative Watering:**

Water all seeded areas the day seed is applied. Thereafter, maintain the seeded areas in a well-watered condition throughout the duration of vegetative establishment.

**Item 247 Flexible Base:**

Grading requirements

Tests to be in accordance with TxDOT Standard Test Methods

Soil Constants

Item Desc.	Linear Shrinkage	LL	Wet Ball	WBMV(incr. passing #40 sieve)
Item 247 Flex Base	6.0 max.	40 max.	40 max.	20% max.

PERCENT RETAINED ON SIEVE:

1-3/4"	7/8"	3/8"	No. 4	No. 40
0	10-35	30-50	45-65	70-85

Flexible Base will not contain more than 1% by weight of clay balls.

Place blue top hubs for alignment and elevations of new base at centerline and edge of pavement.

Measure roadway profile smoothness after the cover prime is placed.

**Item 251 Reworking Base Courses:**

Full depth HMAC patching and stabilized areas of various depths are to be expected and are to be reworked into existing base. Stabilized areas may include but are not limited to cement, fly ash, or asphalt treated base.

The finished roadway must match existing grades at project limits, highway intersections and bridges. In these areas, salvage existing base and remove sufficient subgrade material to construct the full-depth proposed pavement section.

Stockpile salvaged base material at the IH 30/ FM 275 intersection.

Use a milling machine or saw to produce a smooth vertical cut in existing pavement.

**Item 260 Lime Treatment (Road Mixed):**

Subgrade, embankment or backfill suspected of containing sulfates will be tested in accordance with Tex -145-E by the Department. Treat subgrade, embankment or backfill material to the required depth and width in accordance with the Soil Sulfates Mitigation General Notes.

**Item 275 Cement Treatment (Road Mixed):**

Cement treatment location on frontage roads ~ top 8" of flexible base.

Cement stabilized flexible base strength requirement is 300 psi minimum (7 day unconfined compressive strength). Percent cement shown in plans is preliminary. TxDOT will test project materials during construction for target strength and may adjust percent cement.

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Microcrack areas where flexible base widths accept full width of roller.

**Item 300 Asphalts, Oils, and Emulsions:**

Provide 1L (1qt.) clean and dry screw top or friction-lid sampling cans as directed.

Furnish at least one sample of each type of asphalt used on the project for QA/QC purposes.

**Item 302 Aggregates for Surface Treatments:**

Grade 5 Modified Grading Requirements

CUMULATIVE PERCENT RETAINED ON SIEVE:

1/2"	3/8"	No. 4	No. 8	No. 200
0	0-5	30-80	85-100	95-100

The decantation requirement for Grade 5 Modified aggregate is 4% maximum.

The requirements for Flakiness Index, Magnesium Sulfate Soundness, and Los Angeles Abrasion are waived for the Grade 5 Modified aggregate.

Use unmodified AC, PG, or emulsion for precoating aggregate.

Use liquid antistrip or other approved antistrip agent complying with the requirements of Item 301 Asphalt Antistripping Agents. The aggregate will be evaluated for moisture susceptibility using test method TEX-530-C.

Aggregates can be stockpiled at the IH 30/ FM 275 intersection.

**Item 316 Surface Treatments:**

Unless otherwise permitted by the Engineer in writing, the open season for asphalt placement will be:

May 15- August 31 for AC

Permission to place asphalt outside of the open season may require the contractor to place a fog seal at the contractor's expense.

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**\*Rates For Construction Projects**

**First Course**

ITEM	APPLICATION	
	Cover Prime	1 <sup>st</sup> Course
*Asphalt Type	RC-250	AC-15P or AC-20-5TR or AC-20XP
*Asph. Rate (Gal/SY)	0.28	0.46
Aggregate Type	B or L	B or L
Aggregate Grade	5 or Mod 5	3
Aggr. Rate (CY/SY)	1:140	1:105
Min. Cure Time	14 days **	

**Second Course**

ITEM	APPLICATION	
	2 <sup>nd</sup> Course	
*Asphalt Type	AC-15P or AC-20-5TR or AC-20XP	
*Asph. Rate (Gal/SY)	0.36	
Aggregate Type	PB or PL	
Aggregate Grade	4	
Aggr. Rate (CY/SY)	1:120	

\* The information above is intended to provide general guidance and as a basis of estimate. Based on the season and weather conditions at the time, the engineer will determine the asphalt type and rates to be used at the time of application.

\*\* Or as approved by the Engineer

**Cover Prime**

*Asph (RC 250)*

*Aggr Ty B GR 5 (MOD) or Ty L Gr 5 (MOD)*

**First Course**

*Asph (AC-15P or AC-20-5TR or AC-20XP)*

*Aggr (TY-B or TY-L GR-3 SAC-B)*

**Second Course**

*Asph (AC-15P or AC-20-5TR or AC-20XP)*

*Aggr (TY-PB GR-4 or TY-PL GR-4 SAC-B)*

**Item 341 Dense-Graded Hot-Mix Asphalt:**

Specify Hot Mix Asphalt Concrete (HMAC) or Warm Mix Asphalt (WMA) at the time of design submittal. After design submittal, continue producing the chosen design unless otherwise approved. The target lab molded density is 96.5%.

RAP from contractor owned sources may be used if the RAP is fractionated. The course fraction of contractor owned RAP will not be allowed if it consists primarily of siliceous aggregates.

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RAP having a deleterious content of greater than 1.5% when tested according to Tex-413-A will not be allowed.

Evaluation of the mixture for moisture susceptibility will be performed by using test method TEX 530-C (boil test) and there shall be no evidence of stripping during design verification or at any time during production.

The maximum nighttime paved surface vertical differential will be limited to two inches. Prevent ponding of water on any travel ways that are exposed to traffic.

Perform all sampling for aggregate quality testing on stockpiles at the HMAC plant. Mixture sampling for QC/QA testing will typically be taken from the truck at the plant; however, the Engineer may direct that a sample be taken at any point or location of mixture during production, delivery or placement.

**Item 342 Permeable Friction Course (PFC):**

Provide PG 76-22 binder.

Use aggregate that meets SAC requirements class A.

Provide and approved liquid antistrip agent for this Item that conforms to the requirements of Item 301, "Asphalt Antistrip Agents". The amount used shall not be less than 1.0 percent by weight of the asphalt.

Furnish double static steel rollers meeting requirements of Item 210.

A pre-pave meeting will be scheduled prior to the TBPFC operations.

**Item 360 Concrete Pavement:**

Non-paving train placements will be limited to 100' or less, or as directed. Mechanical screeds will be used during hand placements, or as directed.

Multi-piece tie bars will be used at longitudinal construction joints unless one piece tie-bars are approved. Bent tie bars will not be allowed. Tie bars in longitudinal joints will not be placed within 15 inches of transverse joints.

Provide sawed joints for this project. Place construction sawed and contraction joints in accordance with the applicable standard sheets and as directed. The Engineer will approve locations that are not shown on the plans.

If used, traveling form pavers will be equipped with an electronically operated horizontal and vertical control device.

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Provide access for the Engineer to take direct depth measurements immediately following concrete placement. Provide access at the 1/4, 1/2, and 3/4 location across the width of the pavement.

Construct a 1.5" vertical butt joints in the CRCP pavement to provide a termination point for the Permeable Friction Course (PFC). This work will be subsidiary to this Item.

**Item 400 Excavation and Backfill for Structures:**

Excavation and backfill for bridge, culvert and Safety End Treatment construction/installation will be subsidiary the various bid items.

**Item 416 Drill Shaft Foundations:**

Concrete riprap is required for drill shaft foundations for Roadway Illumination Assemblies as shown on standard sheet RID (FND).

Provide single pole watertight breakaway electrical connectors shown on the TxDOT's Material Producer List (MPL) in the file "Roadway Illumination and Electrical Supplies." See the latest RID (LUM2) standard for additional details.

**Item 421 Hydraulic Cement Concrete:**

For structural concrete, if the air content is more than 1.5% below the required air, follow manufacturer recommendations to add the necessary approved air-entraining agent (AEA) to increase the air content at the job site. Limit the addition of AEA in the field to one trial. Do not reject the load of concrete due to low air content, but accept based on strength tests.

If the Contractor elects to use air entrainment in concrete when not required, the upper spec limit will not be waived.

Section 4.8.1 *Certification of Testing Personnel* will not apply to this contract. TxDOT will assume all concrete testing responsibilities listed under section 4.8.3 *Testing of Fresh Concrete*.

**Item 432 ~ Riprap:**

Filter fabric required for stone riprap.

Provide Class B Concrete for riprap to be used on roadway illumination foundation.

**Item 467 ~ Safety End Treatment:**

Pipe culverts ~ 30" diameter and smaller require precast SETs.

Riprap aprons for precast SETs are not required.

**Item 502 Barricades, Signs and Traffic Handling:**

All flaggers are required to wear a white hard hat while performing flagging operations.

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The traffic control plan for this contract consists of the installation and maintenance of warning signs and other traffic control devices shown in the plans, specification data which may be included in the general notes, applicable provisions of the Texas Manual on Uniform Traffic Control Devices (TMUTCD), traffic control plan sheets included in the plans, standard BC sheets and Item 502 of the Standard Specifications.

Do not begin Item 502, Barricades, Signs, and Traffic Handling, on the roadway until both of the following conditions are met:

1. The work schedule is approved.
2. No more than 5 workdays will pass between the beginning of Item 502 and the actual commencement of roadway work bid items.

The final estimate will be withheld until all disturbed areas are covered with at least 70% perennial vegetative cover.

Correct all deficiencies within the time frame noted on the Traffic Control Device Inspection Form 599. Failure to make corrections within time frame specified may result in no payment for this Item for the month of the noted deficiency.

Provide Truck Mounted Attenuators (TMA) when indicated on the TCP Standard sheets.

Ensure that both frontage road travel lanes are open at night.

Provide access to private property and Public Roads at all times.

Provide pilot car during one lane/two way traffic operations. Utilize TCP(2-2b)-12 for one lane/two way roadway lane closure.

**Item 506 Temporary Erosion, Sedimentation & Environmental Controls:**

The Temporary Erosion Control measures for this project will consist of using the following items, as directed:

1. Temporary Silt Fence
2. Rock Filter Dams

Silt fences will remain the property of the Contractor upon completion of the project. The final estimate will not be released until all silt fences have been properly removed, or as directed and 70% establishment of vegetative cover is obtained.

Acquire approval for any change to the location of temporary sediment fence, as shown in the plans, prior to installation. Placement of erosion protection devices may be altered, as directed, to satisfy the requirements of the SW3P.

**Project Number:** STP 2000 (825)TE

**Sheet:**

**County:** Hopkins

**Control:** 0009-09-081

**Highway:** IH 30

The pay item to remove rock filter dams will require only a partial removal after 70 percent perennial vegetation has been established and approved. When removing the rock filter dams, leave the lower layer of rock adjacent to the ground in place so as not to disturb the soil.

The total disturbed area for the project is 46.89 acres.

The disturbed area in this project, all project locations in the Contract, and Contractor project specific locations (PSLs) within one mile of the project limits will further establish the authorization requirements for storm water discharges. The Department will obtain an authorization to discharge storm water from the Texas Commission on Environmental Quality (TCEQ) for the construction activities shown on the plans. Obtain any required authorization from the TCEQ for any Contractor PSLs for construction support activities on or off ROW. When the total area disturbed for all projects in the Contract and PSLs within one mile of the project limits exceeds five acres, provide a copy of the Contractors NOI for PSLs on the ROW (to the appropriate MS4 operator when on an off-system route).

**Item 529 Concrete Curb, Gutter, And Combined Curb And Gutter**

Reinforcing steel shall be required in all curb/curb and gutter unless otherwise directed by the Engineer.

**Item 531 Sidewalks**

Joints shall be tooled or saw-cut every 4' to a depth of 1 1/2" unless otherwise directed. All expansion joints shall consist of fiberboard and sealed with a Class 7 silicone sealant according to DMS-6310.

All longitudinal joints adjacent to curb shall have fiberboard and sealed with a Class 7 silicone sealant according to DMS-6310

Concrete shall be placed around existing features such as signs, fireplugs, utility poles, and etc. when located within the limits of the new ramp to provide a four foot (4') minimum pathway.

Any excavation/embankment necessary for establishing new ramps to proper grade shall be considered subsidiary to the various bid items.

New ramps shall be added, deleted, and/or changed as directed by the Engineer. New ramps shall be added only to locations with sidewalk and shall be paid at the same unit bid price for this item.

The surfaces of sloped areas shall be broomed to provide a slip resistant finish.

**Item 560 Mailbox Assemblies:**

Install new mailboxes unless the property owner chooses to have an existing, compliant mailbox reinstalled. Return all custom non-compliant mailboxes to the property owner.

All new mailboxes furnished and installed by the contractor will display the address number using one inch (1") adhesive back numbering. The color, type, and style of numbering shall be consistent throughout the project.

**Project Number:** STP 2000 (825)TE

**Sheet:**

**County:** Hopkins

**Control:** 0009-09-081

**Highway:** IH 30

**Item 585 Ride Quality for Pavement Surfaces:**

PFC Ride Quality shall be Surface Test Type A.

**Item 610 Roadway Illumination Assemblies:**

Label each luminaire pole and controller cabinet with a number according to the plans. Provide 4 in. black vinyl characters or stenciled painted characters.

Fabricate steel roadway illumination poles in accordance with TxDOT RIP standard sheets. Poles fabricated according to the RIP Standards require no shop drawings.

Alternate designs to RIP 2011 or the use of aluminum to fabricate poles will require the submission of shop drawings electronically. For instructions on submitting shop drawings electronically go to TxDOT home page, Business with TxDOT, Bridge information, Shop drawings. File is titled: "Guide to Electronic Shop Drawing Submittal."

**Item 618 Conduit:**

Rigid metallic conduit elbows that are required to be installed on conduit system will not be paid for directly, but will be considered subsidiary to the various bid items.

Where the rigid metal conduit is exposed at any point, and where rigid metal conduit extends into ground boxes, bond the metal conduit to the grounding conductor with grounding type bushings or by other UL listed grounding connectors as approved.

**Item 644 Small Roadside Sign Support and Assemblies:**

Upon removal of sign assemblies, deliver sign faces to the TxDOT office located at TxDOT Hopkins County Area Office, Sulphur Springs, TX. Dispose of foundations, posts, and hardware.

Stake proposed sign locations and obtain approval of locations prior to placing foundations.

**Item 662 Work Zone Pavement Markings:**

Non-removable markings may be paint and beads.

Place flexible reflective roadway tabs in accordance with the current WZ (STPM) prior to seal coat operations. Place tabs to indicate the beginning and ending of no passing zones.

Cut, remove and properly dispose of the upright portions of all work zone tabs prior to acceptance of any roadway. Remove entire tab when located on concrete surfaces.

**Item 666 Reflectorized Pavement Markings:**

No contract stripe will be placed unless the inspector is present and at least 24 hours advance notice has been given by the Contractor.

Lay out pilot lines for approval 24 hours prior to all final pavement marking applications.

**Project Number:** STP 2000 (825)TE

**Sheet:**

**County:** Hopkins

**Control:** 0009-09-081

**Highway:** IH 30

Use equipment with footage counters capable of measuring the linear footage placed. Calibrate counters prior to the beginning of striping operations.

Use a double-drop bead system with an application rate of 7.0 lbs/gal Type II and 7.0 lbs/gal Type III beads. Apply the Type II beads before applying Type III beads. Use a gravity flow applicator to funnel beads onto the stripe. Reduce truck speed enough to ensure that the beads drop onto the stripe and do not roll in the paint film.

Due to problems in traffic handling, do not place a dash center stripe and edge line at the same time.

TXDOT personnel will re-establish no pass zones. Provide five day prior notice to TXDOT personnel.

**Item 6001 Portable Changeable Message Signs**

Use of a portable changeable message sign, as advance notice of IH 30 ramp closures will be required beginning 7 calendar days prior to the start of ramp closures.

Use of a PCMS will be required during IH 30 shoulder closure work.

CONTROL : 0009-09-081  
PROJECT : STP 2000(825)TE  
HIGHWAY : IH 30  
COUNTY : HOPKINS

TEXAS DEPARTMENT OF TRANSPORTATION

**GOVERNING SPECIFICATIONS AND SPECIAL PROVISIONS**

ALL SPECIFICATIONS AND SPECIAL PROVISIONS APPLICABLE TO THIS PROJECT ARE IDENTIFIED AS FOLLOWS:

STANDARD SPECIFICATIONS: ADOPTED BY THE TEXAS DEPARTMENT OF  
----- TRANSPORTATION NOVEMBER 1, 2014.  
STANDARD SPECIFICATIONS ARE INCORPORATED  
INTO THE CONTRACT BY REFERENCE.

ITEMS 1 TO 9 INCL., GENERAL REQUIREMENTS AND COVENANTS  
ITEM 100 PREPARING RIGHT OF WAY (100)  
ITEM 104 REMOVING CONCRETE  
ITEM 105 REMOVING TREATED AND UNTREATED BASE AND ASPHALT PAVEMENT  
ITEM 106 OBLITERATING ABANDONED ROAD  
ITEM 110 EXCAVATION (132)  
ITEM 132 EMBANKMENT (100) (160) (204) (210) (216) (260) (400)  
ITEM 160 TOPSOIL (168)  
ITEM 162 SODDING FOR EROSION CONTROL (166) (168)  
ITEM 164 SEEDING FOR EROSION CONTROL (162) (166) (168)  
ITEM 168 VEGETATIVE WATERING  
ITEM 170 IRRIGATION SYSTEM (402) (403) (618) (620) (622) (624) (628)  
ITEM 180 WILDFLOWER SEEDING  
ITEM 192 LANDSCAPE PLANTING (161) (166) (168)  
ITEM 247 FLEXIBLE BASE (105) (204) (210) (216) (520)  
ITEM 251 REWORKING BASE COURSES (204) (210) (216) (247) (520)  
ITEM 260 LIME TREATMENT (ROAD-MIXED) (105) (132) (204) (210) (216)  
(247) (300) (310) (520)  
ITEM 275 CEMENT TREATMENT (ROAD-MIXED) (132) (204) (210) (216) (247)  
(300) (310) (520)  
ITEM 316 SEAL COAT (210) (300) (302) (340) (520)  
ITEM 341 DENSE-GRADED HOT-MIX ASPHALT (300) (301) (320) (520) (585)  
ITEM 348 THIN BONDED FRICTION COURSES (210) (300) (301) (320) (342)  
(520) (585)  
ITEM 360 CONCRETE PAVEMENT (421) (422) (438) (440) (529) (585)  
ITEM 400 EXCAVATION AND BACKFILL FOR STRUCTURES (110) (132) (401)  
(402) (403) (416) (420) (421) (423)  
ITEM 402 TRENCH EXCAVATION PROTECTION  
ITEM 416 DRILLED SHAFT FOUNDATIONS (405) (420) (421) (423) (440) (448)  
ITEM 432 RIPRAP (247) (420) (421) (431) (440)

- ITEM 462 CONCRETE BOX CULVERTS AND DRAINS (400) (402) (403) (420)  
(421) (422) (424) (440) (464) (476)
- ITEM 464 REINFORCED CONCRETE PIPE (400) (402) (403) (467) (476)
- ITEM 465 JUNCTION BOXES, MANHOLES, AND INLETS (400) (420) (421) (424)  
(440) (476)
- ITEM 466 HEADWALLS AND WINGWALLS (400) (420) (421) (432) (440) (464)
- ITEM 467 SAFETY END TREATMENT (400) (420) (421) (432) (440) (442) (445)  
(460) (464)
- ITEM 496 REMOVING STRUCTURES
- ITEM 500 MOBILIZATION
- ITEM 502 BARRICADES, SIGNS, AND TRAFFIC HANDLING
- ITEM 506 TEMPORARY EROSION, SEDIMENTATION, AND ENVIRONMENTAL  
CONTROLS (161) (432) (556)
- ITEM 529 CONCRETE CURB, GUTTER, AND COMBINED CURB AND GUTTER (360)  
(420) (421) (440)
- ITEM 530 INTERSECTIONS, DRIVEWAYS, AND TURNOUTS (247) (260) (263)  
(275) (276) (292) (316) (330) (334) (340) (360) (421) (440)
- ITEM 531 SIDEWALKS (104) (360) (420) (421) (440) (530)
- ITEM 540 METAL BEAM GUARD FENCE (421) (441) (445) (529)
- ITEM 544 GUARDRAIL END TREATMENTS
- ITEM 545 CRASH CUSHION ATTENUATORS (421)
- ITEM 560 MAILBOX ASSEMBLIES
- ITEM 610 ROADWAY ILLUMINATION ASSEMBLIES (416) (421) (432) (441) (442)  
(445) (449) (614) (616) (618) (620) (622) (624) (628)
- ITEM 618 CONDUIT (400) (476)
- ITEM 622 DUCT CABLE (400) (620)
- ITEM 628 ELECTRICAL SERVICES (441) (445) (449) (618) (620) (627) (656)
- ITEM 636 SIGNS (643)
- ITEM 644 SMALL ROADSIDE SIGN ASSEMBLIES (421) (440) (441) (442) (445)  
(636) (643) (656)
- ITEM 647 LARGE ROADSIDE SIGN SUPPORTS AND ASSEMBLIES (416) (421)  
(440) (441) (442) (445) (636)
- ITEM 658 DELINEATOR AND OBJECT MARKER ASSEMBLIES (445)
- ITEM 662 WORK ZONE PAVEMENT MARKINGS (666) (668) (672) (677)
- ITEM 666 RETROREFLECTORIZED PAVEMENT MARKINGS (316) (502) (662) (677)  
(678)
- ITEM 668 PREFABRICATED PAVEMENT MARKINGS (678)
- ITEM 672 RAISED PAVEMENT MARKERS (677) (678)
- ITEM 677 ELIMINATING EXISTING PAVEMENT MARKINGS AND MARKERS (300)  
(302) (316)
- ITEM 678 PAVEMENT SURFACE PREPARATION FOR MARKINGS (677)

SPECIAL PROVISIONS: SPECIAL PROVISIONS WILL GOVERN AND TAKE  
 ----- PRECEDENCE OVER THE SPECIFICATIONS ENUMERATED  
 HEREON WHEREVER IN CONFLICT THEREWITH.

REQUIRED CONTRACT PROVISIONS, FEDERAL-AID CONSTRUCTION CONTRACTS  
 (FORM FHWA 1273, MAY, 2012)

WAGE RATES

- SPECIAL PROVISION "SCHEDULE OF LIQUIDATED DAMAGES" (000---001)
- SPECIAL PROVISION "NONDISCRIMINATION" (000---002)
- SPECIAL PROVISION "CERTIFICATION OF NONDISCRIMINATION IN EMPLOYMENT"

(000---003)

SPECIAL PROVISION "NOTICE OF REQUIREMENT FOR AFFIRMATIVE ACTION TO ENSURE EQUAL EMPLOYMENT OPPORTUNITY" (000---004)

SPECIAL PROVISION "STANDARD FEDERAL EQUAL EMPLOYMENT OPPORTUNITY CONSTRUCTION CONTRACT SPECIFICATIONS" (000---005)

SPECIAL PROVISION "ON-THE-JOB TRAINING PROGRAM" (000---006)

SPECIAL PROVISION "DISADVANTAGED BUSINESS ENTERPRISE IN FEDERAL AID CONTRACTS" (000---007)

SPECIAL PROVISION "IMPORTANT NOTICE TO CONTRACTORS" (000---010)

SPECIAL PROVISION "IMPORTANT NOTICE TO CONTRACTORS" (000---183)

SPECIAL PROVISION "CARGO PREFERENCE ACT REQUIREMENTS IN FEDERAL AID CONTRACTS" (000---241)

SPECIAL PROVISION "CERTIFICATE OF INTERESTED PARTIES (FORM 1295)" (000---249)

SPECIAL PROVISION TO ITEM 2 (002---004)

SPECIAL PROVISION TO ITEM 6 (006---001)

SPECIAL PROVISIONS TO ITEM 7 (007---001) (007---003) (007---004)

SPECIAL PROVISION TO ITEM 300 (300---009)

SPECIAL PROVISION TO ITEM 506 (506---003)

SPECIAL SPECIFICATIONS:

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ITEM 5008 PRECAST CONCRETE WHEEL STOPS  
 ITEM 5014 SAFETY REST AREA  
 ITEM 6001 PORTABLE CHANGEABLE MESSAGE SIGN

GENERAL: THE ABOVE-LISTED SPECIFICATION ITEMS ARE THOSE UNDER WHICH  
 ----- PAYMENT IS TO BE MADE. THESE, TOGETHER WITH SUCH OTHER  
 PERTINENT ITEMS, IF ANY, AS MAY BE REFERRED TO IN THE ABOVE-  
 LISTED SPECIFICATION ITEMS, AND INCLUDING THE SPECIAL  
 PROVISIONS LISTED ABOVE, CONSTITUTE THE COMPLETE SPECIFI-  
 CATIONS FOR THIS PROJECT.

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# Special Provision 000

## Cargo Preference Act Requirements in Federal Aid Contracts

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### 1. DESCRIPTION

All recipients of federal financial assistance are required to comply with the U.S. Department of Transportation's (DOT) Cargo Preference Act Requirements, 46 CFR Part 381, Use of United States-Flag Vessels.

This requirement applies to material or equipment that is acquired specifically for a Federal-aid highway project. It is not applicable to goods or materials that come into inventories independent of a Federal Highway Administration (FHWA) funded contract.

When oceanic shipments are necessary for materials or equipment acquired for a specific Federal-aid construction project, the contractor agrees to:

- Utilize privately owned United States-flag commercial vessels to ship at least 50 percent of the gross tonnage (computed separately for dry bulk carriers, dry cargo liners, and tankers) involved, whenever shipping any equipment, material, or commodities pursuant to this contract, to the extent such vessels are available at fair and reasonable rates for United States-flag commercial vessels.
- Furnish a legible copy of a rated, on-board commercial ocean bill-of-lading in English for each shipment of cargo described in paragraph (b) (1) of 46 CFR Part 381 Section 7, "Federal Grant, Guaranty, Loan and Advance of Funds Agreements," within 20 days following the date of loading for shipments originating within the United States or within 30 working days following the date of loading for shipments originating outside the United States, to both the Engineer (through the prime contractor in the case of subcontractor bills-of-lading) and to the Division of National Cargo, Office of Market Development, Maritime Administration, Washington, DC 20590.
- Insert the substance of the provisions of this clause in all subcontracts issued pursuant to this contract.

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**Special Provision 000**  
**Certificate of Interested Parties (Form 1295)**

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Submit a signed notarized Form 1295, Certificate of Interested Parties at contract execution and with all contract amendments (including change orders), extensions, and renewals. The form and information and instructions on completing and filing the form are available on the Texas Ethics Commission website.

**ADDENDUM No. 1**

**CHANGES TO THE DRAWINGS:**

**Volume 2 Drawing Revisions:**

ITEM D2.1 Sheet LC1.01: Replace with revised Sheet LC1.01 attached to the end of the Addendum.

Add General Note 15 as follows: "Landscape Plans call out to preserve existing natural vegetation where grading does not occur. Intent is to leave as much natural vegetation as possible. Where trees and vegetation conflict with new grading, new construction, new landscaping and new site improvements, existing trees and vegetation are to be removed."

Modify Note as follows: "All Landscape scope of work to be bid as line items in Volume 1 specifications unless otherwise noted on this sheet or as referenced in Sheets AC-101 and AC-106."

Notes added to Materials Schedule, Key Note S.5, S.6, S.7 and S.8:

Add the following sentence to the end of Key Note S.5: "Provide 200 tons of boulders in locations as indicated and as field located."

Add the following sentences to the end of Key Note S.6: "Cherokee River Rock and/or West Texas River Rock are acceptable substitutions for the Oklahoma River Rock specified. Provide 200 cubic yards for 6" min. depth over 7,800 SF as indicated and as field located."

Add the following sentence to the end of Key Note S.7: "Provide 100 cubic yards of cobble in locations as indicated and as field located."

Add the following sentence to the end of Key Note S.8: "Provide 90 boulders in locations as indicated and as field located."

Add note to items S.5, S.6, S.7 and S.8 in Material Schedule to indicate these items are to be bid in Volume 2.

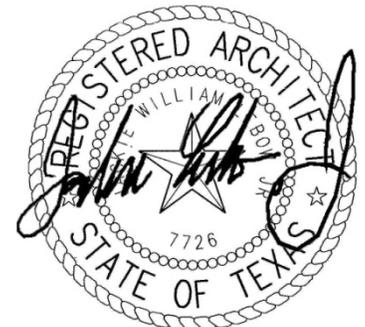
ITEM D2.2 Sheet AC-104, AC-105, AC-109 and AC-110

Clarification: Existing contours and TxDOT's proposed new Volume 1 contours are shown as the background for the Volume 2 existing contours. New contours in Volume 2 connect to proposed elevations/contours provided in Volume 1

ITEM D2.3 Sheets AC-201 and AC-203: Replace with revised Sheets AC-201 and AC-203 attached to the end of the Addendum.

Revise pond section on both sheets to indicate an 8" pipe going from the pond to the pump / wet well as indicated on the Landscape drawings.

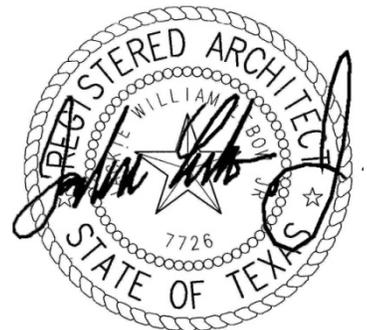
Add note to include "4' x 4' x 4" concrete pad" below removable trash rack. Clay line to go below slab.



3/30/16

ITEM D2.4 Sheets E-100E and E-100W: Replace with revised E-100E and E-100W attached to the end of the addendum.

Add Keyed Note 6 as follows: "Provide concrete pad for transformer per Oncor utility standards."



3/30/16

**MATERIALS SCHEDULE**

STONE					
KEY	DESCRIPTION /MODEL NUMBER	COLOR	FINISH	CONTACT	REMARKS
S.1	4" STONE VENEER	MATCH ARCHITECTURE	MATCH ARCHITECTURE	LOCAL SOURCE	REFERENCE VOL. 2 TECHNICAL SPECIFICATIONS FOR SUBMITTAL AND MOCK-UP REQUIREMENTS
S.2	CAST STONE CAP	MATCH ARCHITECTURE	MATCH ARCHITECTURE	LOCAL SOURCE	REFERENCE VOL. 2 TECHNICAL SPECIFICATIONS FOR SUBMITTAL AND MOCK-UP REQUIREMENTS
S.3	MORTAR	MATCH ARCHITECTURE	MATCH ARCHITECTURE	LOCAL SOURCE	REFERENCE VOL. 2 TECHNICAL SPECIFICATIONS FOR SUBMITTAL AND MOCK-UP REQUIREMENTS
S.4	STONE SEALER TECHNISEAL- NATURAL LOOK	N/A	MATTE FINISH	LOCAL SOURCE	REFERENCE VOL. 2 TECHNICAL SPECIFICATIONS FOR SUBMITTAL AND MOCK-UP REQUIREMENTS

S.5	LANDSCAPE BOULDER OKLAHOMA CREEK ROCK SIZE: MAX- 30" X 30" X 30" MIN- 12" X 12" X 12" QUANTITY: 200 TONS  PROVIDE 200 TONS OF BOULDERS IN LOCATIONS AS INDICATED AND AS FIELD LOCATED	TAN TO RED AND BROWN	TBD	COMPANY: CLASSIC ROCK STONE YARD PHONE: (214) 711-0002	REFERENCE VOL. 2 TECHNICAL SPECIFICATIONS FOR SUBMITTAL AND MOCK-UP REQUIREMENTS  THIS ITEM TO BE BID IN VOLUME 2
S.6	RIVER ROCK CHEROKEE RIVER ROCK SIZE: 2"-4" QUANTITY: 200 CUBIC YARDS  PROVIDE 200 CUBIC YARDS FOR 6" MIN. DEPTH OVER 7,800 SF IN LOCATIONS AS INDICATED AND AS FIELD LOCATED	TAN TO RED AND BROWN	TBD	COMPANY: CLASSIC ROCK STONE YARD PHONE: (214) 711-0002	REFERENCE VOL. 2 TECHNICAL SPECIFICATIONS FOR SUBMITTAL AND MOCK-UP REQUIREMENTS  *CHEROKEE RIVER ROCK* AND / OR *WEST TEXAS RIVER ROCK* ARE ACCEPTABLE SUBSTITUTIONS FOR THE *OKLAHOMA RIVER ROCK* SPECIFIED  THIS ITEM TO BE BID IN VOLUME 2
S.7	LANDSCAPE COBBLE OKLAHOMA CREEK ROCK SIZE: MAX- 12" X 12" X 12" MIN- 5" X 5" X 5" QUANTITY: 100 CUBIC YARDS  PROVIDE 100 CUBIC YARDS OF COBBLE IN LOCATIONS AS INDICATED AND AS FIELD LOCATED	TAN TO RED AND BROWN	TBD	COMPANY: CLASSIC ROCK STONE YARD PHONE: (214) 711-0002	REFERENCE VOL. 2 TECHNICAL SPECIFICATIONS FOR SUBMITTAL AND MOCK-UP REQUIREMENTS  THIS ITEM TO BE BID IN VOLUME 2
S.8	BARRICADE BOULDER LARGE MOSS BOULDER SIZE: 24" X 24" MIN. WEIGHT: 1000 LBS MIN. QUANTITY: 90 BOULDERS  PROVIDE 90 BOULDERS IN LOCATIONS AS INDICATED AND AS FIELD LOCATED	TAN TO RED AND BROWN	TBD	COMPANY: CLASSIC ROCK STONE YARD PHONE: (214) 711-0002	REFERENCE VOL. 2 TECHNICAL SPECIFICATIONS FOR SUBMITTAL AND MOCK-UP REQUIREMENTS  THIS ITEM TO BE BID IN VOLUME 2

CONCRETE					
KEY	DESCRIPTION /MODEL NUMBER	COLOR	FINISH	CONTACT	REMARKS
C.1	CONCRETE EXPOSED AGGREGATE CONCRETE WITH 18" DIVIDER STRIPS	REFERENCE VOL. 2 TECHNICAL SPECIFICATIONS FOR SUBMITTAL AND MOCK-UP REQUIREMENTS	REFERENCE VOL. 2 TECHNICAL SPECIFICATIONS FOR SUBMITTAL AND MOCK-UP REQUIREMENTS	LOCAL SOURCE	REFERENCE VOL. 2 TECHNICAL SPECIFICATIONS FOR SUBMITTAL AND MOCK-UP REQUIREMENTS

MISCELLANEOUS					
KEY	DESCRIPTION /MODEL NUMBER	COLOR	FINISH	CONTACT	REMARKS
M.1	FILTER FABRIC MIRAFI 140 n	BLACK	N/A	LOCAL SOURCE	REFERENCE VOL. 2 TECHNICAL SPECIFICATIONS FOR SUBMITTAL AND MOCK-UP REQUIREMENTS

**LEGEND**

SYMBOLS	DESCRIPTION
	DETAIL REFERENCE
	MATERIALS OR FINISH REFERENCE SYMBOL
	SECTION SYMBOL
	TREE LABEL
	SHRUB, PERENNIALS AND ORNAMENTAL GRASSES LABEL
	EXISTING TOPOGRAPHY
	EXISTING SPOT GRADES
	PROPOSED SPOT GRADES
	PROPOSED TOPOGRAPHY
	WATER FLOW
	PIPE SIZE
	JUNCTION BOX
	ELECTRICAL METER
	ELECTRICAL HOME RUN
	ENLARGEMENT AREA WITH REFERENCE
	MATCHLINE

ABBREVIATIONS	DESCRIPTION
B.P.	Bottom of Page
B.O.C.	Back of Curb
B.O.W.	Bottom of Wall
C.L.	Centerline
E.J.	Expansion Joint
E.O.P.	Edge of Pavement
F.G.	Finish Grade
F.H.	Fire Hydrant
H.P.	High Point
INV.	Invert
L.O.C.	Limit of Construction
L.P.	Low Point
N.I.C.	Not in Contract
O.C.	On Center
O.C.E.W.	On Center Each Way
O.H.	Overhang
P.A.	Planting Area
P.O.B.	Point of Beginning
P.O.T.	Point of Tangency
P.T.	Pressure Treated
R.O.W.	Right of Way
T.A.D.	Top of Area Drain
T.O.R.	Top of Rail
T.O.C.	Top of Curb
T.F.	Top of Foundation
T.O.W.	Top of Wall
TYP.	Typical
U.N.O.	Unless Noted Otherwise
W.M.	Water Meter

**GENERAL NOTES:**

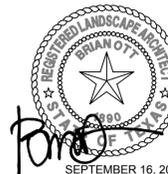
- LOCATE AND VERIFY THE CONDITION OF EXISTING UTILITIES PRIOR TO EXCAVATION. TAKE RESPONSIBILITY OF CONTACTING LINE LOCATION SERVICES AND ANY COST INCURRED FOR BODILY INJURY AND / OR DAMAGE OF OWNER'S PROPERTY OR SAID UTILITIES.
- THE LANDSCAPE ARCHITECT SHALL BE NOTIFIED BY THE CONTRACTOR OF ANY DISCREPANCIES DISCOVERED BETWEEN THE PLANS AND ACTUAL SITE CONDITIONS BEFORE PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BE LIABLE FOR ALL MODIFICATIONS AND DAMAGES IF WORK PROCEEDS WITHOUT THIS NOTIFICATION.
- THE CONTRACTOR IS RESPONSIBLE FOR ALL ASPECTS OF MAINTAINING A SAFE WORK SITE INCLUDING BUT, NOT LIMITED TO PROVIDING FOR TRAFFIC CONTROL, INSTALLATION AND PLACEMENT OF FENCING AND BARRICADES, EXCAVATION AND TRENCH PROTECTION, AND COMPLIANCE WITH ALL FEDERAL AND LOCAL REGULATIONS AND CODES. ALL SAFETY EXPOSURES OR VIOLATIONS SHALL BE RECTIFIED IMMEDIATELY.
- THE CONTRACTOR IS RESPONSIBLE FOR PROTECTION OF ALL EXISTING IMPROVEMENTS BOTH ON SITE AND ADJACENT TO THE WORK SITE AND SHALL REPAIR ANY DAMAGE TO THESE IMPROVEMENTS TO THE SATISFACTION OF THE OWNER.
- THE CONTRACTOR SHALL NOTIFY OWNER AND LANDSCAPE ARCHITECT 48 HOURS PRIOR TO COMMENCEMENT OF WORK TO COORDINATE PROJECT INSPECTION SCHEDULES.
- ANY ALTERNATES AND OR SUBSTITUTIONS PROPOSED BY THE CONTRACTOR SHALL BE SUBMITTED TO THE LANDSCAPE ARCHITECT FOR APPROVAL. CHANGES TO THE SCOPE OF WORK AND / OR CONTRACT DOCUMENTS RESULTING FROM THE ACCEPTANCE OF THE CONTRACTOR'S ALTERNATES AND / OR SUBSTITUTIONS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- THE CONTRACTOR IS RESPONSIBLE FOR REMOVAL OF TRASH ON A DAILY BASIS.
- THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE CODES, REGULATIONS AND ORDINANCES. PRIOR TO CONSTRUCTION, ALL PERMITS AND APPROVALS REQUIRED FOR CONSTRUCTION OF THE PROJECT SHALL BE PAID FOR AND OBTAINED BY THE CONTRACTOR.
- COORDINATE WORK WITH SUBCONTRACTORS TO ACCOMPLISH THE SCOPE OF WORK AS SHOWN AND NOTED IN THE CONTRACT DOCUMENTS AS WELL AS, COORDINATE CONSTRUCTION WITH OTHER CONTRACTORS WORKING ON THE SITE.
- THE CONTRACTOR SHALL COORDINATE THE STORING OF MATERIALS, PARKING OF VEHICLES, AND RESTRICTIONS OF WORK AND ACCESS WITH THE OWNER. UNDER NO CIRCUMSTANCES SHALL ANY CONTRACTOR STORE MATERIALS, PARK VEHICLES OR EQUIPMENT UNDER THE CANOPY OF EXISTING TREES.
- UNLESS SPECIFIED OTHERWISE, THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING AND PAYING ALL TEMPORARY UTILITIES AND SERVICES NECESSARY TO COMPLETELY INSTALL ALL WORK AS SHOWN AND NOTED IN THE CONTRACT DOCUMENTS.
- THE CONTRACTOR IS RESPONSIBLE FOR THE LEGAL OFF-SITE DISPOSAL OF SURPLUS MATERIAL AND DEBRIS.
- UPON COMPLETION OF CONSTRUCTION AND PRIOR TO FINAL APPROVAL, THE CONTRACTOR SHALL THOROUGHLY CLEAN THE PROJECT SITE OF ALL TRASH, REPAIR ALL DAMAGE TO FINISH GRADE, INCLUDING TAILINGS FROM EXCAVATIONS, WHEEL RUTS AND ANY SETTLING OR EROSION THAT HAS OCCURRED PRIOR TO COMPLETION. ALL AREAS OF THE PROJECT SITE SHALL BE LEFT IN A NEAT AND PRESENTABLE CONDITION SATISFACTORY TO THE OWNER PRIOR TO SUBMITTAL OF THE FINAL PAYMENT.
- THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING AND SERVICING TEMPORARY TOILET FACILITIES.
- LANDSCAPE PLANS CALL OUT TO PRESERVE EXISTING NATURAL VEGETATION WHERE GRADING DOES NOT OCCUR. INTENT IS TO LEAVE AS MUCH NATURAL VEGETATION AS POSSIBLE. WHERE TREES AND VEGETATION CONFLICT WITH NEW GRADING, NEW CONSTRUCTION, NEW LANDSCAPING, AND NEW SITE IMPROVEMENTS, EXISTING TREES AND VEGETATION ARE TO BE REMOVED.

**NOTE:**

All Landscape scope of work to be bid as line items in Volume 1 specifications unless otherwise noted on this sheet or as referenced in Sheets AC-101 and AC-106



Landscape Architects - Planners  
1708 Guadalupe Street, Suite 500  
Austin, Texas 78701  
512/527-1011 Fax: 512/527-0488  
Austin-Dallas-Fort Lauderdale-Tulsa  
Fort Worth - Houston - San Antonio



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Austin, Texas 78701-2483  
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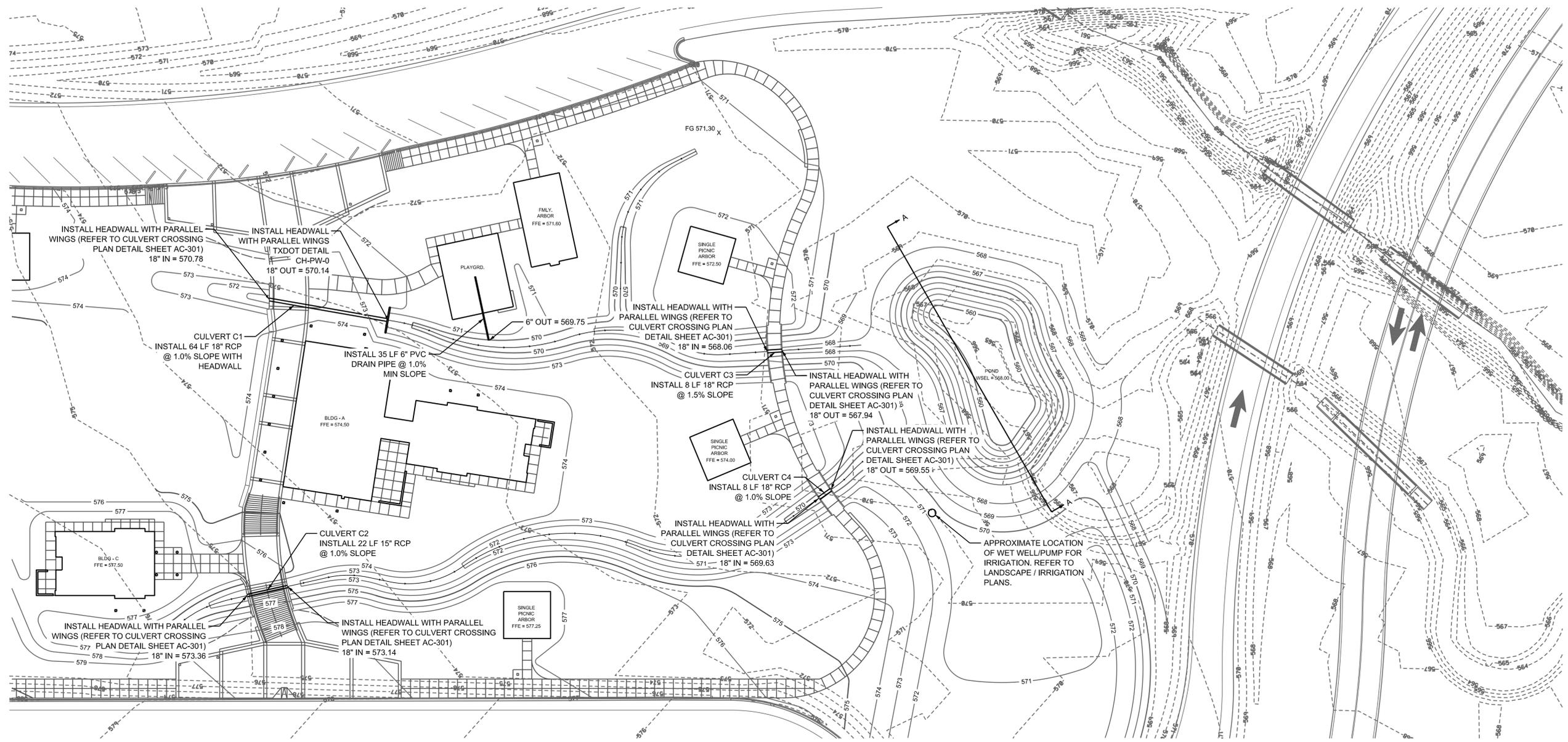
SLA ARCHITECTS  
2004 Quail Creek Drive, Suite 200  
Litching Hills, Texas 76039  
Phone: 940/677-7476; Fax: 940/397-0553

HOPKINS COUNTY  
SAFETY REST AREA  
HOPKINS COUNTY - I-30  
PARIS DISTRICT

Revisions  
▲ 3/29/2016  
▲ 2/29/2016  
Drawn by: CB  
  
Project No. STP2000(825)TE  
Date SEPTEMBER 16, 2015  
Sheet No.  
**LC 1.01**  
39 of 174 sheets

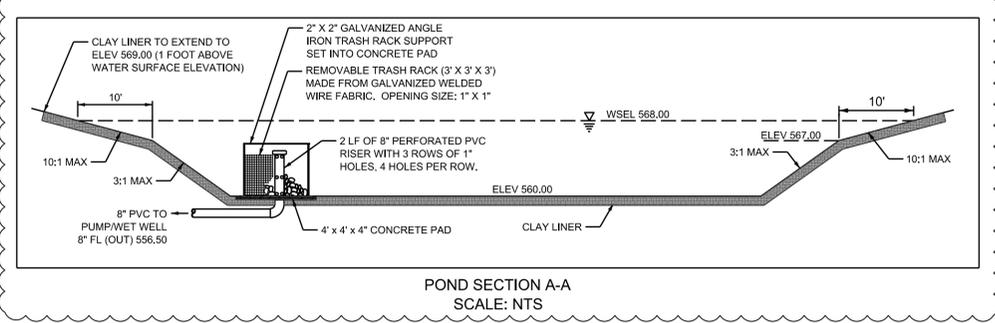
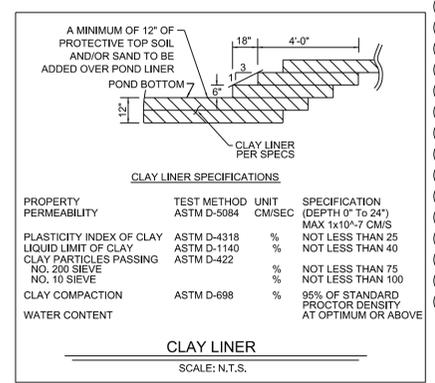
**GENERAL NOTES, LEGEND, AND MATERIALS SCHEDULE**

NOTE: THIS DRAWINGS WAS CREATED FOR PRODUCTION ON 22" X 34" SHEET SIZE. DO NOT SCALE PRINTS.



**EAST BOUND REST AREA  
STORM CULVERT SIZING CALCULATIONS (25-YR STORM)**

Culvert ID	Drainage Area	Q25 (cfs)	Culvert Size (inches)	No. of Conduits	Slope (%)	Manning's n	Q <sub>FULL</sub> (capacity) (cfs)	Velocity (full) (fps)
C1	A1	9.0	18	1	1.00%	0.013	10.5	5.96
C2	A2	1.2	15	1	1.00%	0.013	6.5	5.28
C3	A1 & A3	12.0	18	1	1.50%	0.013	12.9	7.30
C4	A2 & A4	5.6	18	1	1.00%	0.013	10.5	5.96



**A1 SITE PLAN EAST BOUND - STORM SEWER AND POND PLAN**  
SCALE: 1" = 30'-0"  
0 15' 30' 60'  
GRAPHIC SCALE 1" = 30'-0"

**SITE PLAN EAST BOUND - STORM SEWER AND POND PLAN**

NOTE: THIS DRAWINGS WAS CREATED FOR PRODUCTION ON 22" X 34" SHEET SIZE. DO NOT SCALE PRINTS.

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ARCHITECTS  
2004 Quail Creek Drive, Suite 200  
Cedar Hills, Texas 75099  
Phone: 940.677.7476; Fax: 940.397.0553

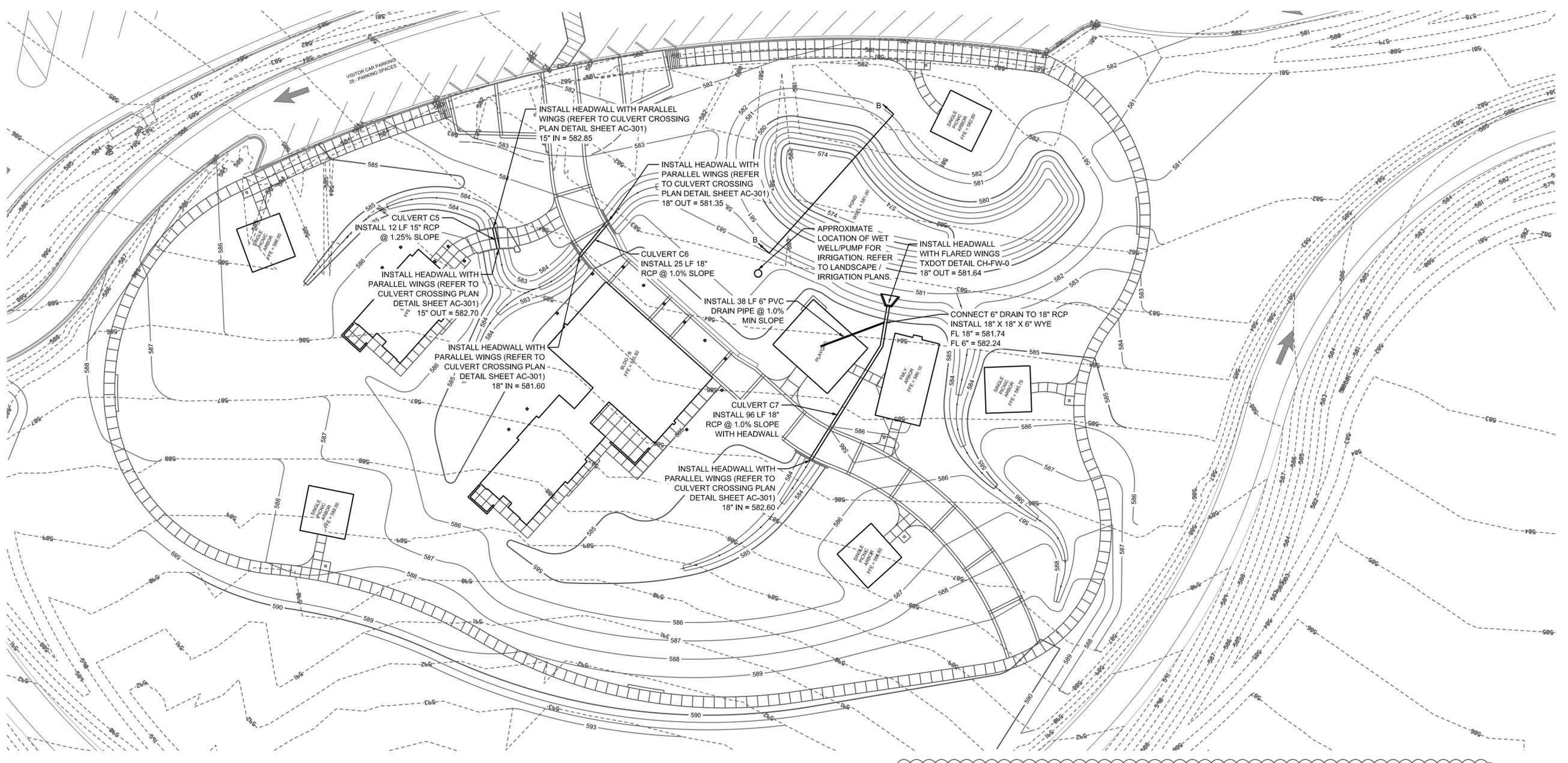
**HOPKINS COUNTY  
SAFETY REST AREA  
HOPKINS COUNTY - I-30  
PARIS DISTRICT**

Revisions  
ADDENDUM NO. 1  
MARCH 29, 2016

Drawn by:  
Project No.  
STP2000(825)TE  
Date  
SEPTEMBER 16, 2015  
Sheet No.  
**AC-201**  
20 of 174 sheets

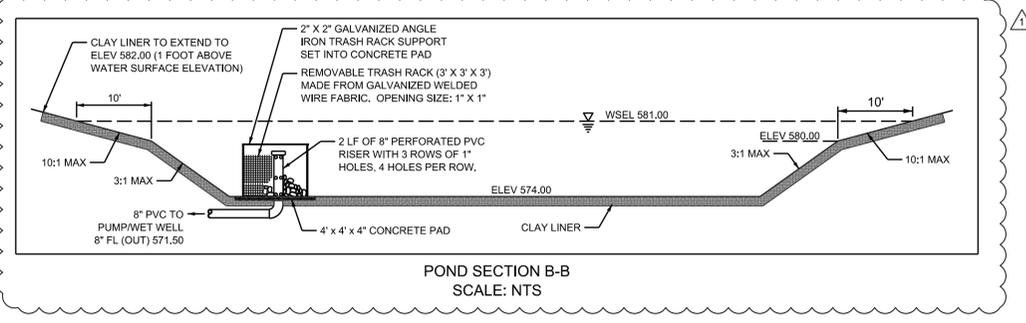
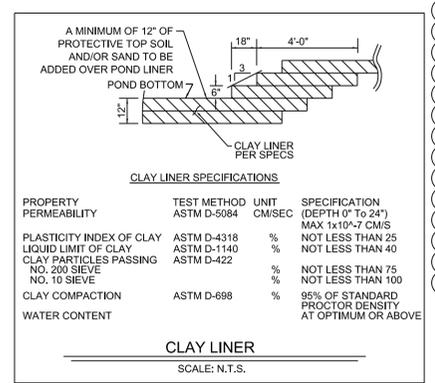
**ECKERMANN**  
ENGINEERING, INC.  
202 SPRING HO AVE.  
LAMPASAS, TEXAS 76850  
PHONE: 512-566-9160  
TBPE FIRM NO. F-10496

STATE OF TEXAS  
DEREK ECKERMANN  
98278  
LICENSED PROFESSIONAL ENGINEER  
9.16.15



**WEST BOUND REST AREA  
STORM CULVERT SIZING CALCULATIONS (25-YR STORM)**

Culvert ID	Drainage Area	Q <sub>25</sub> (cfs)	Culvert Size (inches)	No. of Conduits	Slope (%)	Manning's n	Q <sub>FULL</sub> (capacity) (cfs)	Velocity (full) (fps)
C5	A6	4.1	15	1	1.25%	0.013	7.2	5.90
C6	A6 & A7	7.7	18	1	1.00%	0.013	10.5	5.96
C7	A8	6.5	18	1	1.00%	0.013	10.5	5.96



**A1 SITE PLAN WEST BOUND - STORM SEWER AND POND PLAN**  
SCALE: 1" = 30'-0"  
0 15' 30' 60'  
GRAPHIC SCALE 1" = 30'-0"

**SITE PLAN WEST BOUND - STORM SEWER AND POND PLAN**

NOTE: THIS DRAWINGS WAS CREATED FOR PRODUCTION ON 22" X 34" SHEET SIZE. DO NOT SCALE PRINTS.

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**SLA**  
ARCHITECTS  
2004 Quail Creek Drive, Suite 200  
Cedar Hill, Texas 75099  
Phone: 940.767.7476, Fax: 940.397.0533

**HOPKINS COUNTY  
SAFETY REST AREA  
HOPKINS COUNTY - I-30  
PARIS DISTRICT**

Revisions  
ADDENDUM NO. 1  
MARCH 29, 2016

Drawn by:

Project No.  
STP2000(825)TE

Date  
SEPTEMBER 16, 2015

Sheet No.

**AC-203**  
22 of 174 sheets

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ENGINEERING, INC.  
202 SPRING HO AVE.  
LAMPASAS, TEXAS 76850  
PHONE: 512-556-9160  
TBPE FIRM NO. F-10496

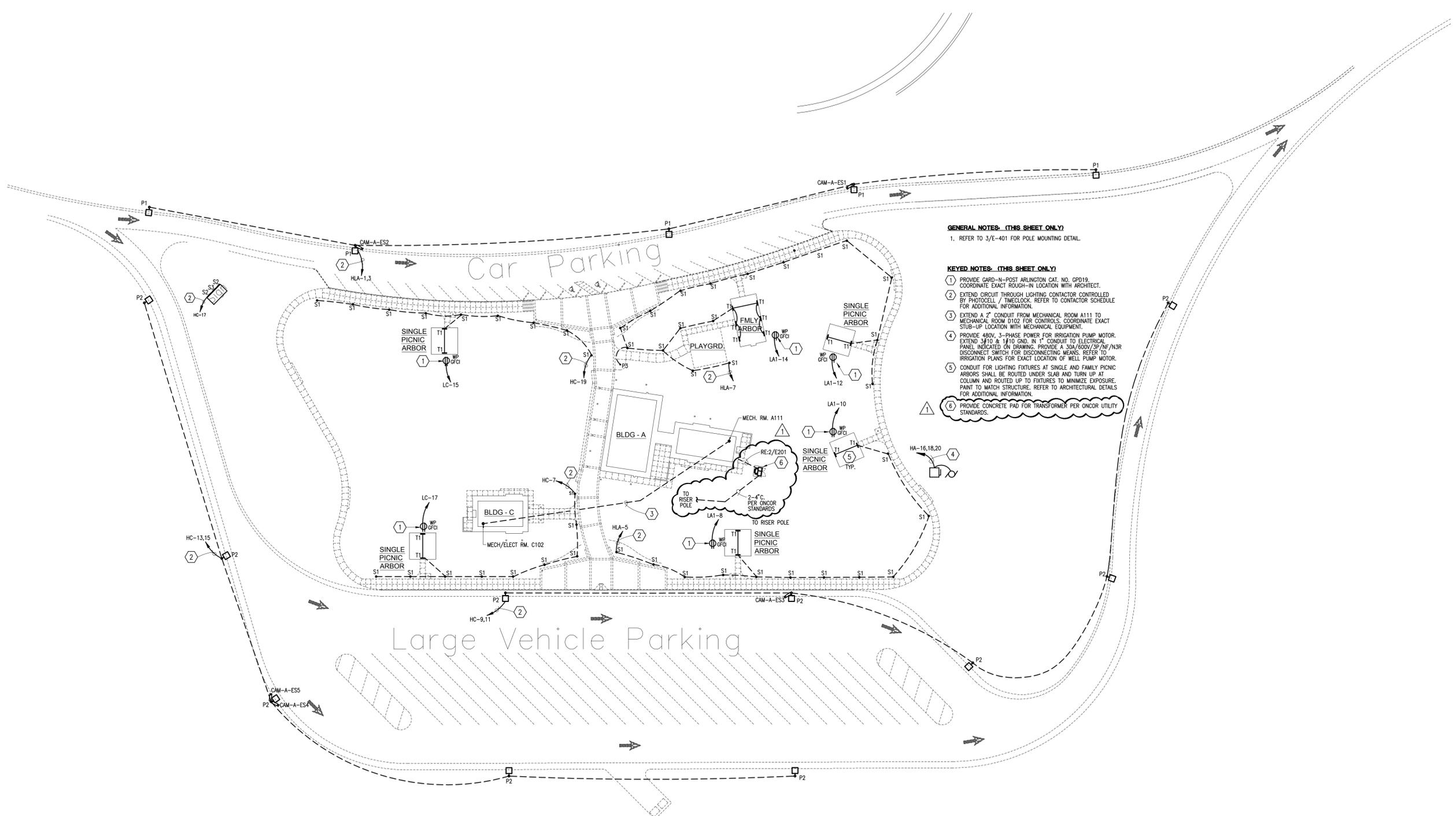
STATE OF TEXAS  
DEREK ECKERMANN  
98278  
LICENSED PROFESSIONAL ENGINEER  
9.16.15





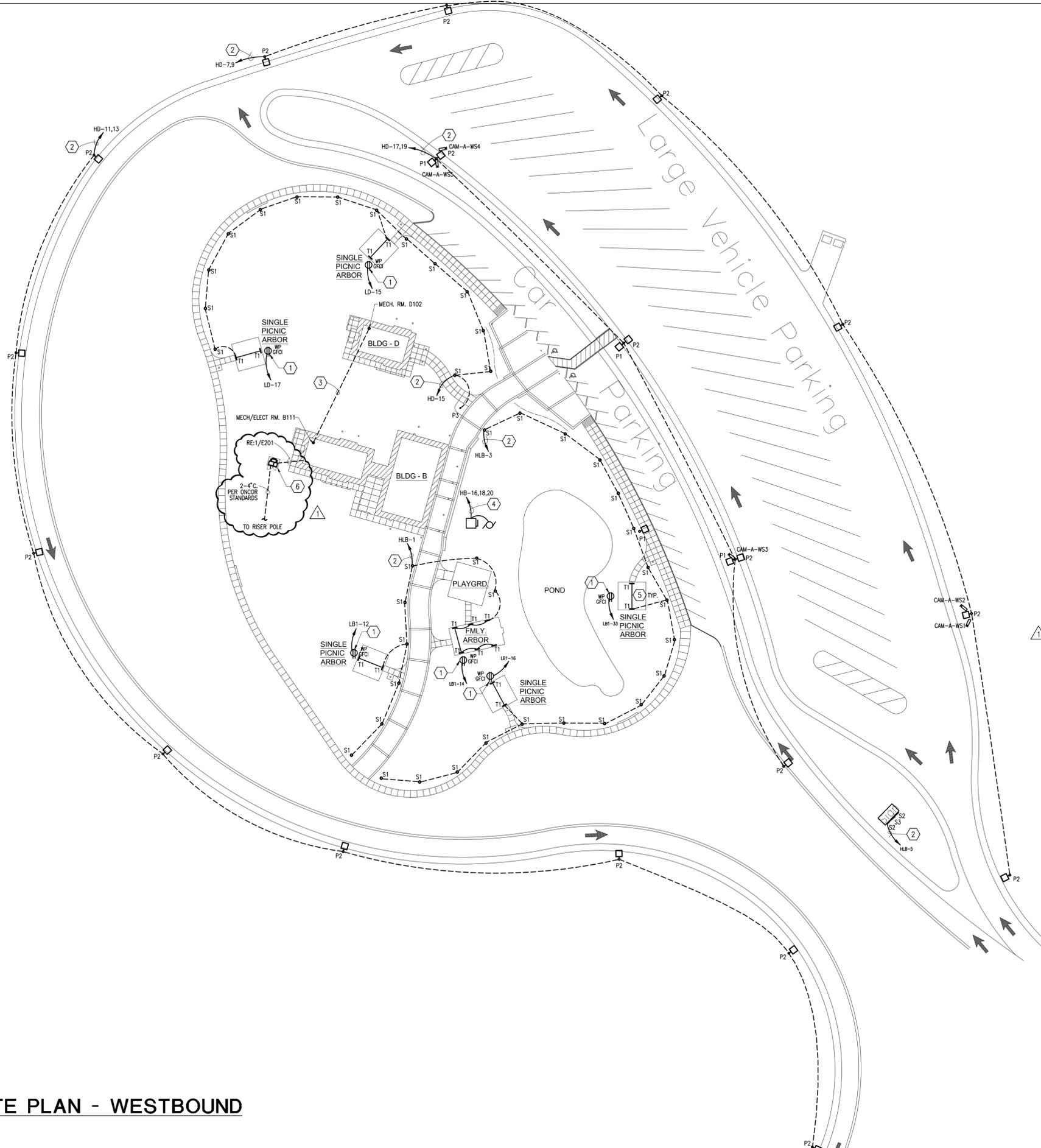
**TTC**  
 4630 N. Loop 1604 West, Suite 201  
 San Antonio, Texas 78249  
 210.530.7000 FAX: 210.377.1575  
 Registration No.: 903

**ELECTRICAL  
 SITE PLAN  
 EASTBOUND**



- GENERAL NOTES - (THIS SHEET ONLY)**  
 1. REFER TO 3/E-401 FOR POLE MOUNTING DETAIL.
- KEYED NOTES - (THIS SHEET ONLY)**  
 ① PROVIDE GUARD-POST ARLINGTON CAT. NO. GPD19. COORDINATE EXACT ROUGH-IN LOCATION WITH ARCHITECT.  
 ② EXTEND CIRCUIT THROUGH LIGHTING CONTACTOR CONTROLLED BY PHOTOCELL / TIMECLOCK. REFER TO CONTACTOR SCHEDULE FOR ADDITIONAL INFORMATION.  
 ③ EXTEND A 2" CONDUIT FROM MECHANICAL ROOM A111 TO MECHANICAL ROOM 0102 FOR CONTROLS. COORDINATE EXACT STUB-UP LOCATION WITH MECHANICAL EQUIPMENT.  
 ④ PROVIDE ABOVE 3-PHASE POWER FOR IRRIGATION PUMP MOTOR. EXTEND 3/4" & 1/4" CND. IN 1" CONDUIT TO ELECTRICAL PANEL INDICATED ON DRAWING. PROVIDE A 30A/600V/3P/NE/NGR DISCONNECT SWITCH FOR DISCONNECTING MEANS. REFER TO IRRIGATION PLANS FOR EXACT LOCATION OF WELL PUMP MOTOR.  
 ⑤ CONDUIT FOR LIGHTING FIXTURES AT SINGLE AND FAMILY PICNIC ARBORS SHALL BE ROUTED UNDER SLAB AND TURN UP AT COLUMN AND ROUTED UP TO FIXTURES TO MINIMIZE EXPOSURE. PAINT TO MATCH STRUCTURE. REFER TO ARCHITECTURAL DETAILS FOR ADDITIONAL INFORMATION.  
 ⑥ PROVIDE CONCRETE PAD FOR TRANSFORMER PER ONCOR UTILITY STANDARDS.

**1 ELECTRICAL SITE PLAN - EASTBOUND**  
 SCALE: 1" = 50'-0"

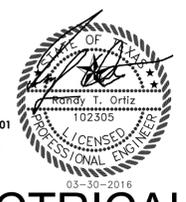


**GENERAL NOTES: (THIS SHEET ONLY)**  
 1. REFER TO 3/E-401 FOR POLE MOUNTING DETAIL.

- KEYED NOTES: (THIS SHEET ONLY)**
- ① PROVIDE GARD-POST ARLINGTON CAT. NO. GPD19. COORDINATE EXACT ROUGH-IN LOCATION WITH ARCHITECT.
  - ② EXTEND CIRCUIT THROUGH LIGHTING CONTACTOR CONTROLLED BY PHOTOCELL / TIMECLOCK. REFER TO CONTACTOR SCHEDULE FOR ADDITIONAL INFORMATION.
  - ③ EXTEND A 2" CONDUIT FROM MECHANICAL ROOM B111 TO MECHANICAL ROOM D102 FOR CONTROLS. COORDINATE EXACT STUB-UP LOCATION WITH MECHANICAL EQUIPMENT.
  - ④ PROVIDE 480V, 3-PHASE POWER FOR IRRIGATION PUMP MOTOR. EXTEND 3#10 & 1#10 GND. IN 1" CONDUIT TO ELECTRICAL PANEL INDICATED ON DRAWING. PROVIDE A 30A/600V/3P/NF/N3R DISCONNECT SWITCH FOR DISCONNECTING MEANS. REFER TO IRRIGATION PLANS FOR EXACT LOCATION OF WELL PUMP MOTOR.
  - ⑤ CONDUIT FOR LIGHTING FIXTURES AT SINGLE AND FAMILY PICNIC ARBORS SHALL BE ROUTED UNDER SLAB AND TURN UP AT COLUMN AND ROUTED UP TO FIXTURES TO MINIMIZE EXPOSURE. PAINT TO MATCH STRUCTURE. REFER TO ARCHITECTURAL DETAILS FOR ADDITIONAL INFORMATION.
  - ⑥ PROVIDE CONCRETE PAD FOR TRANSFORMER PER ONCOR UTILITY STANDARDS.

**1 ELECTRICAL SITE PLAN - WESTBOUND**  
 SCALE: 1" = 50'-0"

**TTC**  
 4630 N. Loop 1604 West, Suite 201  
 San Antonio, Texas 78249  
 210.530.7000 FAX: 210.377.1575  
 Registration No.: 903



**ELECTRICAL  
 SITE PLAN  
 WESTBOUND**

Revisions  
 03/30/16

Drawn by:  
 Project No.  
 14083  
 09/16/2015  
 Issue Date  
 Sheet No.

**E-100W**  
 161 of 174 sheets

**HOPKINS COUNTY  
 SAFETY REST AREA  
 HOPKINS COUNTY - I-30  
 PARIS DISTRICT**

**SLA  
 ARCHITECTS**  
 2004 Quail Creek Drive, Suite 200  
 Wichita Falls, Texas 76708  
 Phone: 940.767.7478, Fax: 940.397.0553

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# HOPKINS COUNTY SAFETY REST AREA

## ADDENDUM #1 ISSUES/CONTRACTOR QUESTIONS LETTING – APRIL 6, 2016

---

1. Is a copy of the time determination schedule available?

Refer to the time determination schedule 'TIMELINE2 CUMBY SRA.PDF' document sent via email. (\*)

2. Is the geotechnical report available?

Refer to the geotechnical report 'Report No. 115-034-TxDOT Safety Rest Area Hopkins County TX-SLA.PDF' sent via email. (\*)

3. Are cross sections available in PDF?

Refer to the cross sections as PDF files: XS-SFR1.PDF, XS-SPRA.PDF, XS-SPRB.pdf, XS NFR.pdf, XS NPRA.pdf, and XS NPRB.pdf sent via email. (\*)

4. Is a copy of the CAD files available in DWG, DGN and/or XSR format?

Refer to the cross sections as XSR files: XS-NFR-PR MARCH 2016, XS-NPRA-EX, XS-NPRA-PR, XS-NPRB-EX, XS-NPRB-PR, XS-SFR-EX, XS-SFR-PR, XS-SPRA-EX, XS-SPRA-PR, XS-SPRB-EX, XS-SPRB-PR, and XS-NFR-EX sent via email. (\*)

5. Is the earthwork report available?

Refer to the earthwork reports: EW Report SFR.pdf, EW Report SPRA.pdf, EW Report SPRB.pdf, EW Report NFR.pdf, EW Report NPRA.pdf, and EW Report NPRB.pdf sent via email. (\*)

6. Please reference volume 1 sheets 98 thru 129 of the Hopkins Safety Rest Area drawings. These drawings illustrate the installation of the drainage culverts. The only details provided for the box culvert are for cast in place single and multi-box culverts. Is it acceptable to install precast box culverts in lieu of cast in place?

Either cast in place or precast box culverts are acceptable.

7. After looking at the landscaping plans LS 1.01 – 1.06 they refer us to detail 5 on sheet LS 2.01, in no way does this detail represents the boulder lay out

on the landscape sheets. The landscaping contractors have known way of getting an accurate count of boulders by their sizes. If you are looking for better pricing better details maybe required or possibly add them to the unit pricing items by size with your expected quantities.

In the plans we have a total of 13,000 SF of boulder / cobble area.

For pricing, assume that 40% of that area is covered by boulders and 60% is covered by cobble.

That gives us 7,800 SF of cobble at a minimum depth of 6" so, approximately 200 CY of cobble to be conservative.

For Boulders we need to cover about 5,200 SF, the stone we specified should cover about 25 SF per ton, so that is about 200 tons of boulders.

Also, I spoke with Classic Rock Stone Yard today and learned that "Cherokee River Rock, and/or "West Texas River Rock" are acceptable substitutions for the "Oklahoma River Rock" that we specified for S.7 on our materials schedule.

For the final design, ours plans call for the boulders to be field located by us, so I hope no additional details will be necessary.

Refer to the revised Sheet LC1.01.

8. Can you please provide us with any type earthwork files that you have for the building pad and the surrounding area (i.e parking lot)? Do you have cross sections for this area (pdf or electrical?) Please provide these if you do. We already have received cross sections for the frontage road and main lane tie-ins, so we are good on those items.

Also provide any type of existing topo that you have for the building pad and surrounding area. I have attached the grading plan sheet from the plans and encircled an area of existing top that you have on the outer edge of the pad. This to me certainly looks like proposed grading lanes and not existing. Look into this if you could and get back to me.

The grading plan area within the parking including the building pads which shows both the existing and new grades. These are shown in Volume 2 drawings, Sheets AC-104, AC-105, AC-109 & AC-110. New contours in Volume 2 connect to proposed elevations/contours provided in Volume 1.

The clouded area (specific to question above) would be earthwork performed in Volume one. The contractor needs to refer to the cross sections in the XS\_SPRA.PDF for earthwork in the clouded area.

The drawings showing the clouded area and cross sections XS\_SPRA.PDF were sent via email. (\*)

9. Per note #1 on sheet 95 CRCP(1)-13 details of the contract drawings a free longitudinal joint is required at max 100'. The truck parking areas are greater than 100' wide. These areas are to be parking areas, and not a designated highway. Does the free longitudinal joint detail on sheet 95A still apply? If not please provide a revised detail.

The CRCP standard will be modified to include an expansion joint for the question raised by the contractor.

10. If you look at the cross sections that were provided for the alignments NPRA and SPRA, it looks as if the cross sections were cut off for the parking lots (the full width was not provided). For example, on alignment NPRA from station 873+00 to station 881+50, the full width of the parking lot is not provided in the cross sections. The same goes for SPRA.

XS-SPRA Continued Sections.pdf and XS-NPRA Continued Sections.pdf files were provided via email. (\*)

11. Also on alignment NPRB for station 12+28 to 17+00, the width of the typical section reads 42' wide, but when you add up the lane width and shoulders, the total is only 40'. Can you please provide the correct width we should proceed with?

The typical section should indicate 40' not 42'. Refer to the correction in the addendum.

12. Also can you please provide the pdf cross sections for alignment NPRB?

XS NPRB.pdf file was provided via email. (\*)

13. Sheet 82 of Vol. 1 has a detail for trimming the existing trees with a note that states areas for tree trimming and removal must be indicated in the plans. Do you have these sheets available because there isn't anything in either volume that gives locations or counts to quantify the work needed?

Volume 2 indicates the areas to be preserved and cleared/trimmed. Volume 2 calls in the Landscape plans to preserve existing natural vegetation where grading does not occur. The intent is to leave as much natural vegetation as possible. Other areas where trees and vegetation conflict with new grading, new construction or site improvements; trees and vegetation shall be removed. Refer to the revised landscape drawings.

Additionally Volume 1, Sheet 82 will be revised to clarify trimming scope.

14. Will all the questions asked for this project be shared with all the contractors and can we get a copy of them.

Yes. All questions and responses will be shared.

15. Do you have any type of earthwork cross sections for the building pad site?

There are no cross sections at the building pad site. Volume 2 grading plans show both existing and new contours.

16. There appears to be a discrepancy in the details for the connecting pipe from the pond to the wet well given on sheets AC201 and AC203 from the detail on sheet LI2.01 the pipe sizes on the AC sheet show a 12" pipe and the on the LI sheet show an 8" pipe. Could you please clarify this for us?

The AC sheets shall be revised to call for an 8" pipe to match the landscape drawings. Refer to the revised drawings.

17. Is there an anchor slab under the 3' X 3' thrash rack (if so what are the dimensions) or will it just set on the clay liner?

A 4'x4' by 4" slab shall be installed under the thrash rack to give 6" on each side. The clay liner should be installed under the slab.

18. Please reference sheets 110, 112, & 113. These sheets illustrate the installation of all the 10X8 box culvert for the project and account for all of the cement stabilized backfill required for the project. The governing specification for this work notes that limits and elevations would be shown on the drawings. There are no limits shown on the drawing illustrating the installation of the cement stabilized backfill. Without minimum dimensions of cement stabilized backfill shown in the plans there is no way to verify this quantity. Please provide a cross section showing minimum dimensions for cement stabilized backfill?

Cement stabilized backfill on sheets 110, 112 & 113 is for a construction foundation under the 10 x 8 boxes at the following dimensions:

Sheet 110 & 112 ~ 128' (10'x8' box) = 136' X 35' X 2' pad

Sheet 113 ~ 56' (10'x8' Box) = 64' X 35' X 2' pad

(\*) Please call or email Brent Johnson at (512) 416-3353 or Brent.Johnson@txdot.gov to receive files indicated as transferred via email.



# HOPKINS COUNTY SAFETY REST AREA PRE-BID CONFERENCE ROSTER

**FOR THE CONSTRUCTION OF THE HOPKINS COUNTY SAFETY REST AREA**  
**HOPKINS COUNTY, PARIS DISTRICT**  
 IH-30 (1 mile east of Cumby, Eastbound)  
 IH-30 (1 mile east of Cumby, Westbound)  
**PROJECT NO.: STP 2000(825) TE**  
**DETAIL NO.: 01-76-0009-09-081**  
**CSJ: 0009-09-081**  
**ESTIMATED CONSTRUCTION COST: \$20,813,242.29**  
**BID GUARANTY or BID BOND: \$100,000.00**  
**PRE-BID CONFERENCE: March 17, 2016 at 2:30PM**  
**At the Greenville Area Office, 3001 I-30 East, Greenville, Texas 75402**  
**BID DATE: April 6, 2016 - 1:00 P.M. IN AUSTIN, TEXAS**

<b>COMPANY/ NAME:</b>	Company Name: <span style="float: right;"><input checked="" type="checkbox"/> GENERAL <input type="checkbox"/> SUB</span> Your Name: <i>EAST TEXAS BRIDGE - Tim Tyl</i>
<b>STREET ADDRESS CITY, ZIP:</b>	<i>P.O. Box 6218 LONGVIEW, TX 75608</i>
<b>PHONE / FAX:</b>	PHONE: <i>(903) 553-9669</i> FAX: <i>(903) 758-2717</i>
	E-MAIL: <i>tim@etbridge.com</i>
<b>COMPANY/ NAME:</b>	Company Name: <i>TXDOT</i> <span style="float: right;"><input type="checkbox"/> GENERAL <input type="checkbox"/> SUB</span> Your Name: <i>MONTE RATER</i>
<b>STREET ADDRESS CITY, ZIP:</b>	
<b>PHONE / FAX:</b>	PHONE: <i>(903) 737-9379</i> FAX: ( )
	E-MAIL: <i>Monte.Rater@txdot.gov</i>

COMPANY/ NAME:	Company Name: TXDOT Your Name: CHAD C. INGRAM	<input type="checkbox"/> GENERAL <input type="checkbox"/> SUB
STREET ADDRESS CITY, ZIP:	1365 NORTH MAIN PARIS, TEXAS 75460	
PHONE / FAX:	PHONE: (903 ) 737-9207	FAX: ( 903 ) 737-9214
	E-MAIL: CHAD.INGRAM@TXDOT.GOV	
COMPANY/ NAME:	Company Name: Zachry Construction Your Name: Adam Saur, Jerry Coffe, Adam Lopez	<input checked="" type="checkbox"/> GENERAL <input type="checkbox"/> SUB
STREET ADDRESS CITY, ZIP:	2330 North Loop 1604 West San Antonio, TX 78248	
PHONE / FAX:	PHONE: ( 210 ) 260-2808	FAX: ( )
	E-MAIL: adam.saur@zachrycorp.com, jerrycoffe@zachrycorp.com	
COMPANY/ NAME:	Company Name: Crossland Construction Your Name: Rocky Hussman	<input checked="" type="checkbox"/> GENERAL <input type="checkbox"/> SUB
STREET ADDRESS CITY, ZIP:	861 N Colman Prosper, TX 75071	
PHONE / FAX:	PHONE: (972 ) 347-5659	FAX: ( )
	E-MAIL: Rhussman@crosslandconstruction.com	
COMPANY/ NAME:	Company Name: W S EXCAVATION LLC Your Name: Neil Miller	<input type="checkbox"/> GENERAL <input checked="" type="checkbox"/> SUB
STREET ADDRESS CITY, ZIP:	8240 ARSTRONG WAY WAXAHACHIE, TX 75168	
PHONE / FAX:	PHONE: (214 ) 878-0652	FAX: ( )
	E-MAIL: Neil@WSEXCAVATION.COM	

COMPANY/ NAME:	Company Name: <u>WS Excavation, LLC</u> <input type="checkbox"/> GENERAL <input checked="" type="checkbox"/> SUB Your Name: <u>Daniel Hernandez</u>
STREET ADDRESS CITY, ZIP:	<u>8240 Armstrong Way Waxahachie TX 75147</u>
PHONE / FAX:	PHONE: ( <u>214</u> ) <u>253 7566</u> FAX: (    )
	E-MAIL: <u>Daniel@wsexcavation.com</u>
COMPANY/ NAME:	Company Name: <u>SpawGlass</u> <input checked="" type="checkbox"/> GENERAL <input type="checkbox"/> SUB Your Name: <u>George Bush</u>
STREET ADDRESS CITY, ZIP:	<u>13800 West Rd Houston TX 77041</u>
PHONE / FAX:	PHONE: ( <u>281</u> ) <u>970 5300</u> FAX: (    )
	E-MAIL: <u>George.Bush@SpawGlass.com.</u>
COMPANY/ NAME:	Company Name: <u>SLA ARCHITECTS</u> <input type="checkbox"/> GENERAL <input type="checkbox"/> SUB Your Name: <u>JACKIE LEBOW, JR / JIM TROY SECORED</u>
STREET ADDRESS CITY, ZIP:	<u>2004 QUAIL CREEK, SUITE 200 WIKITTA FALLS, TX 76308</u>
PHONE / FAX:	PHONE: ( <u>940</u> ) <u>723-4868</u> FAX: ( <u>940</u> ) <u>397-0553</u>
	E-MAIL: <u>jlebaw@slatx.us</u>
COMPANY/ NAME:	Company Name: <u>Potts Concrete Construction Inc.</u> <input type="checkbox"/> GENERAL <input checked="" type="checkbox"/> SUB Your Name: <u>Hunter Potts , Bailey Potts</u>
STREET ADDRESS CITY, ZIP:	<u>450 CR 2305 Sulphur Springs TX 75482</u>
PHONE / FAX:	PHONE: ( <u>903</u> ) <u>885-9911</u> FAX: (    )
	E-MAIL: <u>Doyle Potts@yahoo.com</u>

COMPANY/ NAME:	Company Name: <input checked="" type="checkbox"/> GENERAL <input type="checkbox"/> SUB Your Name: <i>IHC CONSTRUCTION - Joe Joyce</i>
STREET ADDRESS CITY, ZIP:	
PHONE / FAX:	PHONE: ( <i>682</i> ) <i>229-0924</i> FAX: ( )
	E-MAIL: <i>JoyceJ@IHCequality.com</i>
COMPANY/ NAME:	Company Name: <input checked="" type="checkbox"/> GENERAL <input type="checkbox"/> SUB Your Name: <i>HAYDON BLDG. CORP</i> <i>LANCE MADDEN</i>
STREET ADDRESS CITY, ZIP:	<i>8200 SPRINGWOOD DR 230</i> <i>IRVING, TX</i>
PHONE / FAX:	PHONE: ( <i>817</i> ) <i>583-5094</i> FAX: ( )
	E-MAIL: <i>LMADDEN@HAYDONBC.COM</i>
COMPANY/ NAME:	Company Name: <input type="checkbox"/> GENERAL <input type="checkbox"/> SUB Your Name: <i>Haydon Building Corp</i> <i>Rich Campbell</i>
STREET ADDRESS CITY, ZIP:	<i>8200 Springwood Drive Suite 230</i> <i>IRVING, TX</i>
PHONE / FAX:	PHONE: ( <i>704</i> ) <i>201-5334</i> FAX: ( )
	E-MAIL:
COMPANY/ NAME:	Company Name: <input type="checkbox"/> GENERAL <input type="checkbox"/> SUB Your Name: <i>Journeyman Const</i> <i>Stephanie Sanchez</i>
STREET ADDRESS CITY, ZIP:	<i>7701 N LOMAX BLVD</i> <i>SUITE 100</i> <i>AUSTIN TX 78752</i>
PHONE / FAX:	PHONE: ( <i>512</i> ) <i>247-7200</i> FAX: ( )
	E-MAIL: <i>bids@journeymen.co.com</i>

COMPANY/ NAME:	Company Name: <i>Schneider Electric</i> <input type="checkbox"/> GENERAL <input checked="" type="checkbox"/> SUB Your Name: <i>Ken Clayton</i>
STREET ADDRESS CITY, ZIP:	<i>1650 Crosby Rd. Carrollton, TX 75006</i>
PHONE / FAX:	PHONE: <i>(214) 801-6117</i> FAX: ( )
	E-MAIL: <i>Kenneth.clayton@schneider-electric.com</i>
COMPANY/ NAME:	Company Name: <input type="checkbox"/> GENERAL <input type="checkbox"/> SUB Your Name:
STREET ADDRESS CITY, ZIP:	
PHONE / FAX:	PHONE: ( ) FAX: ( )
	E-MAIL:
COMPANY/ NAME:	Company Name: <input type="checkbox"/> GENERAL <input type="checkbox"/> SUB Your Name:
STREET ADDRESS CITY, ZIP:	
PHONE / FAX:	PHONE: ( ) FAX: ( )
	E-MAIL:
COMPANY/ NAME:	Company Name: <input type="checkbox"/> GENERAL <input type="checkbox"/> SUB Your Name:
STREET ADDRESS CITY, ZIP:	
PHONE / FAX:	PHONE: ( ) FAX: ( )
	E-MAIL:

COMPANY/ NAME:	Company Name: <i>mcm</i> Your Name: <i>Melissa Castles</i>	<input checked="" type="checkbox"/> GENERAL <input type="checkbox"/> SUB
STREET ADDRESS CITY, ZIP:	<i>1431 Greenway Dr. Ste 950 Irving 75038</i>	
PHONE / FAX:	PHONE: <i>(214) 687-9140</i>	FAX: ( )
	E-MAIL: <i>texasestimating@mcm-us.com</i>	
COMPANY/ NAME:	Company Name: <i>TxDOT</i> Your Name: <i>JED IRWIN</i>	<input type="checkbox"/> GENERAL <input type="checkbox"/> SUB
STREET ADDRESS CITY, ZIP:	<i>1365 North Main Paris, TX 75466</i>	
PHONE / FAX:	PHONE: <i>(903) 737-9306</i>	FAX: ( )
	E-MAIL: <i>jed.irwin@txdot.gov</i>	
COMPANY/ NAME:	Company Name: <i>TxDOT</i> Your Name: <i>Zachary C. Smith</i>	<input type="checkbox"/> GENERAL <input type="checkbox"/> SUB
STREET ADDRESS CITY, ZIP:	<i>1365 North Main Paris, TX 75460</i>	
PHONE / FAX:	PHONE: <i>(903) 737-9233</i>	FAX: ( )
	E-MAIL: <i>zachary.smith@txdot.gov</i>	
COMPANY/ NAME:	Company Name: Your Name:	<input type="checkbox"/> GENERAL <input type="checkbox"/> SUB
STREET ADDRESS CITY, ZIP:		
PHONE / FAX:	PHONE: ( )	FAX: ( )
	E-MAIL:	



## PRE-BID CONFERENCE AGENDA

Hopkins County Safety Rest Area

### **PRE-QUALIFICATION WITH TxDOT IS REQUIRED TO BID THIS PROJECT**

**DATE OF PRE-BID MEETING:** March 17, 2016 – 2:30 P.M.  
**MEETING LOCATION:** TxDOT Greenville Area Office  
**PROJECT NAME:** Hopkins County Safety Rest Area  
**DISTRICT:** Paris / **COUNTY:** Hopkins  
**PROJECT LOCATION:** IH-30 (approx. 1 mile east of Cumby)  
**BID DATE:** April 6, 2016 – 1:00 P.M. in Austin, TX  
**PROJECT NO:** STP 2000(825) TE  
**CSJ NO:** 0009-09-081

#### **1. CALL TO ORDER:** Pass sign-in sheet around

Please print your company name, your name, street mailing address, e-mail address, phone and fax. This information is used to update the bid list and to issue addenda. If more than one person is attending from the same General Contractor, only one person needs to sign in for that company.

#### **2. INTRODUCTIONS:** Titles

A. Owner:  
TEXAS DEPARTMENT OF TRANSPORTATION  
125 E. 11<sup>th</sup> Street, Austin, TX 78701

Owner's Representative:  
Brent Johnson, P.E. (Maintenance Division)  
Brent.Johnson@txdot.gov  
(512) 416-3353  
TxDOT Maintenance Division  
150 E. Riverside Dr., 5<sup>th</sup> Floor North  
Austin, TX 78704

B. TxDOT District Contacts:

Transportation Engineer  
Volume 1:  
Monte Rater, P.E.  
(903) 737-9379  
TxDOT Paris District HQ  
1365 N. Main Street  
Paris, TX 75460

Sulphur Springs Area Engineer  
Volume 1:  
Daniel Taylor  
(903) 438-3155  
TxDOT Sulphur Springs Area Office  
3001 I-30 East  
Sulphur Springs, TX 75482

C. Consulting Design Architect:

Volume 2:  
SLA Architects LLP  
Jackie Lebow, Principal  
(940) 767-7478  
2004 Quail Creek, Suite 200  
Wichita Falls, TX 76308

**3. BID DATE:** Bids are due: 1:00 PM on APRIL 6, 2016

- **PRE-QUALIFICATION WITH TxDOT IS REQUIRED TO BID THIS PROJECT**

Information about pre-qualification can be found at the link below. Submit qualifications at least 10 calendar days before the last day of the bid opening.

<http://www.txdot.gov/business/contractors/contractor-prequalification.html>

- **ELECTRONIC BIDDING IS AVAILABLE FOR THIS PROJECT**

Sealed proposals for the above referenced project will be received at the Texas Department of Transportation, 200 E. Riverside Drive, Room 1A.1, Austin, Texas 78704 and then publicly opened and read. It is the bidder's responsibility to ensure that the sealed proposal arrives at the above location and in the hands of the letting official, by the specified deadline regardless of the method chosen by the bidder for delivery.

If submitting your proposal through electronic bidding, the contractor shall follow the procedures and requirements outlined through the Electronic Bidding System at the following link:

<http://www.txdot.gov/business/letting-bids/ebs.html>

The project's letting package includes 4 separately bound items as list below. Volume 1 primarily addresses Civil Engineering/Roadway. Volume 2 primarily addresses Architectural/Building. The entire bound Volume 1 Proposal – Specifications must be returned as the bidding proposal (if sending in hard copy).

- Volume 1 Proposal – Specifications (**must be returned as the bidding proposal unless using Electronic Bidding System**)
- Volume 1 Drawing Plans
- Volume 2 Proposal – Specifications
- Volume 2 Drawing Plans

**4. ESTIMATED CONSTRUCTION COST:** \$20,813,242.29

**5. PROPOSAL GUARANTY OR BID BOND:** \$100,000.00

Bidders must submit a bid proposal guaranty check or bid bond with the proposal at the amount specified in the proposal.

- Bid Proposal Guaranty Check: for type of acceptable bid guaranty checks, refer to Instructions to Bidders in the proposal.
- Bid Bond: only the Bid Bond form bound in the proposal (may be removed for use) is acceptable for use. Be sure the bid bond has your original signature and the original signature of the Surety, and the Surety has impressed their seal on the bond and the power-of-attorney on the form bound in the proposal.

**6. TIME OF COMPLETION:** 368 working days – standard work week

**7. LIQUIDATED DAMAGES - Failure to Complete Work on Time**

**FOR DOLLAR AMOUNT OF ORIGINAL CONTRACT**

From More Than	To and Including	Amount of Daily Contract Administration Liquidated Damages per Working Day
\$0	\$100,000	\$570
\$100,000	\$500,000	\$590
\$500,000	\$1,000,000	\$610
\$1,000,000	\$1,500,000	\$685
\$1,500,000	\$3,000,000	\$785
\$3,000,000	\$5,000,000	\$970
\$5,000,000	\$10,000,000	\$1,125
\$10,000,000	\$20,000,000	\$1,285
\$20,000,000	Over \$20,000,000	\$2,590

- Project must be complete at substantial completion. Time charges are not suspended.
- Weather days: It is the Contractor's responsibility to track unusual weather days.

**8. PROPOSAL PAGES**

1. **ADDENDUM ACKNOWLEDGEMENT** - Failure to acknowledge receipt of an Addendum will result in the bid not being read.

All contractor questions are due by 12:00 PM on March 25<sup>th</sup> so they can be addressed in the final addendum. Questions can continue to be received following the 25<sup>th</sup> however TxDOT cannot guarantee they will get addressed prior to the bid due date.

2. **BIDDERS CHECK RETURN** - Complete address to where you want the bidders check returned.
3. **BID BOND FORM** – Provide bid guaranty check, or bid bond. For bid bond, the bound form must be used (may be removed for use).
4. **PROPOSAL SHEET** - Enter TOTAL BID AMOUNT.
5. **PROPOSAL TO THE TEXAS TRANSPORTATION COMMISSION** – Provide signature(s).
6. **UNIT BID PRICE PROPOSAL SHEET (Pages 1-10)** - Enter unit bid prices, written in words.

## 9. REASONS FOR PROPOSAL REJECTION

**Note:** Non-responsive Proposals as follows: **Any proposal that has one or more of the deficiencies listed below will be considered to be non-responsive and will not be read.**

1. The person or, in the case of a joint venture, persons do not sign the proposal.
2. The proposal guaranty is not in compliance with the requirements contained in the Instructions to Bidders relating to the proposal guaranty.
3. The proposal is in a form other than the official proposal form issued to the Bidder or Bidders. Bid amount and signatures must be original on the bound pages and not submitted separately. Torn apart proposals will NOT be read at the bid opening. The entire bound Volume 1 proposal - specifications must be submitted as the bidder's proposal.
4. The proposal was not in the hands of the letting official at the time and location specified in the advertisement. ~~Electronic Bidding is not available for this project.~~
5. The proposal submitted had the incorrect number of Items.
6. The bidder was not authorized to be issued a proposal.
7. The proposal is submitted by an unqualified bidder.
8. The Bidder submits more than one proposal, under the same or different name, for a specific proposed Contract. (A Bidder may submit a bid proposal and participate as a material supplier, subcontractor, or both to any or all Bidders contemplating submitting a proposal for this work.)
9. The Bidder fails to acknowledge or improperly acknowledges receipt of all addenda issued.
10. The bidder modified the proposal in a manner that alters the conditions or requirements for work as stated in the proposal form.
11. The bidder fails to complete the Unit Prices sheet when included with the proposal forms.

## 10. AWARD AND EXECUTION OF CONTRACT

1. Award of Contract: The TxDOT Commission or designated representative will award, reject, or defer the Contract within 30 days after the opening of the proposal.
2. Execution of Contract: Successful bidder has 15 calendar days (Note: DBE submission has a different timeframe. See note below.) after receiving Notification of Award of the Contract to provide required documents, which typically include:
  - Bonds: Performance Bond AND Payment Bonds are required.
  - Insurances: as required. Builder's Risk insurance required for Item 5014-6001.
  - Business Ownership Information
  - List of Quoting Suppliers and Subcontractors
  - DBE requirements (Note: for DBE submission timeframe, refer to Special Provision 000-007: Disadvantaged Business Enterprise in Federal Aid Contracts.)

Note that HUB plan is not required for this project. Only DBE plan is required.

## 11. DBE INFORMATION: DBE REQUIREMENTS APPLY TO THIS FEDERAL AID CONSTRUCTION PROJECT – DBE GOAL = 6.0%

### **DBE CLARIFICATIONS:**

1. **Definitions:** “Disadvantaged Business Enterprise” or “DBE” is a firm **certified** through the Texas Unified Certification Program in accordance with 49 CFR.
2. The Department maintains the Texas Unified Certification Program DBE Directory containing the names of firms that have been **certified to be eligible** to participate as DBE’s on DOT financially assisted Contracts. An update of the Directory can be found on the Internet at: <http://www.txdot.gov/business/partnerships/tucp.html>.
3. **Only DBE firms certified at the time commitments are submitted are eligible** to be used in the information furnished by the Contractor as required under Sub Article 2 above. For purposes of the DBE goal on this project, **DBEs will only be allowed to perform work in the categories of work for which they are certified.**

The Texas Department of Transportation is dedicated to providing information to vendors on how to do business with TxDOT. If you have any questions, please contact our office at (512) 483-3459.

## 12. SALES TAX

The Company may claim exemption of the applicable State Sales Taxes by complying with such procedures as may be prescribed by the Texas Comptroller of Public Accounts. For information call 1 (800) 252-5555 or (512) 463-4600, Tax Assistance Section. Tax forms may be obtained at [www.window.state.tx.us](http://www.window.state.tx.us), Sales Tax, Form #01-399 for the Texas Sales and Use Tax Exemption Certificate.

## 13. TEXAS PAYEE IDENTIFICATION NUMBER

TEXAS PAYEE IDENTIFICATION NUMBER: The awarded contractor will be required to secure from the Comptroller of Public Accounts, a Texas Payee Identification Number (PIN). This PIN number must correspond to the person(s) or entity shown on this Contract. A valid PIN number is required prior to payment being processed for this Contract. This PIN number may be obtained at [www.window.state.tx.us](http://www.window.state.tx.us), the Texas Comptroller of Public Accounts, Texas Finances, Fiscal Management, Payment Services, Forms, Application #AP-152. Phone: (512) 463-3660 or 1 (800) 531-5441, toll free from anywhere in Texas.

## 14. PREVAILING WAGE RATE

Wage Rates are published in the Proposal – Specifications.

## 15. PROJECT SCOPE

### A. General Description & Notes:

- Construction of a pair of Safety Rest Areas, one on the eastbound side and one on the westbound side of IH-30, located approximately one mile east of Cumby, Texas, in Hopkins County.

### B. Summary of Work – Specification Section 01 10 00

1. Volume 1 Plan Set – Site Work including: Roadway Paving, Parking Paving, Striping, Roadway Signage, Roadway and Parking Lighting, Sidewalks including Curb Ramps, Storm Water Drainage, Traffic Control, Re-vegetation, and associated incidental work as indicated or required by the project Plans and Specifications.
2. Volume 2 Plan Set – Buildings and Site Work associated with Volume 2, including: Buildings, Picnic Arbors, Play Grounds, Entrance Signs, Sidewalks, Hardscape including dry creeks, Dumpster Enclosures, Site Furnishings, Site Lighting, Landscape, and Irrigation. Building construction includes: Architectural, Structural, Mechanical, Electrical, Plumbing, Communications, Video Surveillance Systems, Wastewater Systems including Leach Fields, connections

to Electrical Power, and associated incidental work as indicated or required by the project Plans and Specifications.

3. Utilities

- a. Power: ONCOR Phone: 903-493-4233  
Contact Person: Donna Collum. Contractor is responsible to coordinate temporary power.

This project includes a new 480V/3Ph services being installed to the site by ONCOR; paid for by TxDOT.

It shall be the Contractor's responsibility to provide temporary generator power. ONCOR is working to have service to both sites by July 2016.

**TxDOT has approved permitting for ONCOR to start the installation.**

- b. Water: It shall be the Contractor's responsibility to provide water required during construction. TxDOT is still working toward a solution for a permanent water source to serve this project. The date of availability is unknown at this time.

**The connection locations shown in the Volume 2 drawings are proposed tie-in locations. Following conclusion for permanent water service to the site, these locations may be revised. Cost associated with increased scope will be given to the contractor.**

- c. Sewer: TBD.

**The connection locations shown in the Volume 2 drawings are proposed tie-in locations. Following conclusion for permanent water service to the site, these locations may be revised. Cost associated with increased scope will be given to the contractor.**

<b>16. CLARIFICATIONS</b>
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- A. Issuing Addenda: It is the responsibility of the bidder to be aware of any addenda issued on this project. Addenda are posted to the ESD and to the TxDOT Plans Online, and can also be sent by fax, email and/or mail.

All Addenda shall be posted on or before March 30<sup>th</sup>.

- B. Submit **contracting** questions or request for clarifications immediately to Tim West (Contract Specialist) at [Timothy.West@txdot.gov](mailto:Timothy.West@txdot.gov) or (512) 416-3222. Email is preferred.

- C. **Submit design/plan clarification questions to Brent Johnson (Project Manager) at [Brent.Johnson@txdot.gov](mailto:Brent.Johnson@txdot.gov) or (512) 416-3353. Email is preferred to provide written documentation of communication.**

## 17. QUALITY ASSURANCE

- A. Quality Assurance/Quality Control Benefit - \$100,000
  - 1. Paid at **Substantial Completion** / Final Acceptance. Final acceptance means that the contractors are completely done and no longer at the work site.
  - 2. High level of Quality Finish/Craftsmanship is required.

## 18. QUESTIONS & ANSWERS

## 19. PRE-BID CONFERENCE ADJOURNED