

# NOTIFICATION OF ADDENDUM

## ADDENDUM NO. 1

**DATED 5/05/2014**

<b>Control</b>	<b>0751-02-023</b>
<b>Project</b>	<b>STP 2014(660)</b>
<b>Highway</b>	<b>FM 148</b>
<b>County</b>	<b>KAUFMAN</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 2014(660)

CONTROL: 0751-02-023

COUNTY: KAUFMAN

LETTING: 05/07/2014

REFERENCE NO: 0505

**PROPOSAL ADDENDUMS**

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- PROPOSAL COVER
- BID INSERTS (SH. NO.: 1-11 TO 11-11 )
- GENERAL NOTES (SH. NO.: F )

- SPEC LIST (SH. NO.: )
- SPECIAL PROVISIONS: )
- ADDED:

DELETED:

- SPECIAL SPECIFICATIONS:
- ADDED:

DELETED:

OTHER: SEE CHANGES OUTLINED BELOW

DESCRIPTION OF ABOVE CHANGES  
(INCLUDING PLANS SHEET CHANGES)

BID INSERTS:

- SHEET 1-11: ITEM 105-2043 HAS BEEN ADDED.
- ITEM 276-2225 HAS BEEN ADDED.
- ITEM 276-2271 HAS BEEN DELETED.
- SHEET 4-11: ITEM 466-2055 HAS BEEN DELETED.
- SHEET 9-11: ITEM 662-2054 HAS BEEN ADDED.
- ITEM 662-2079 HAS BEEN ADDED.
- ITEM 662-2097 QTY HAS BEEN REVISED.
- ITEM 662-2099 HAS BEEN ADDED.

SHEETS 1-11 - 11-11 INFORMATION MAY HAVE SHIFTED DUE TO THE CHANGES ABOVE.

GENERAL NOTES:

SHEET F: NOTES FOR ITEM 276 HAVE BEEN ADDED.

PLAN SHEETS:

THE FOLLOWING SHEETS HAVE BEEN REPLACED:

18, 22, 23, 24, 25, 26, 27, 30, 32, 33, & 151.

ALT	ITEM-CODE			UNIT BID PRICE ONLY. WRITTEN IN WORDS	UNIT	APPROX QUANTITIES	DEPT USE ONLY
	ITEM NO	DESC CODE	S.P. NO.				
	100	2002	002	PREPARING ROW  DOLLARS and CENTS	STA	394.660	1
	104	2009		REMOVING CONC (RIPRAP)  DOLLARS and CENTS	SY	49.200	2
	104	2011		REMOVING CONC (MEDIANS)  DOLLARS and CENTS	SY	137.000	3
	104	2017		REMOVING CONC (DRIVEWAYS)  DOLLARS and CENTS	SY	1,596.000	4
	105	2043		REMOVING STAB BASE & ASPH PAV (0-6")  DOLLARS and CENTS	SY	7,669.000	5
	134	2004		BACKFILL (TY A OR B)  DOLLARS and CENTS	STA	394.660	6
	152	2001		ROAD GRADER WORK (ORD COMP)  DOLLARS and CENTS	STA	394.660	7
	161	2014	006	COMPOST MANUF TOPSOIL (BOS OR PB) (4")  DOLLARS and CENTS	SY	24,498.000	8
	164	2035	002	DRILL SEEDING (PERM) (RURAL) (CLAY)  DOLLARS and CENTS	SY	24,498.000	9
	164	2051	002	DRILL SEED (TEMP)(WARM OR COOL)  DOLLARS and CENTS	SY	12,265.000	10
	168	2001		VEGETATIVE WATERING  DOLLARS and CENTS	MG	2,201.900	11

ALT	ITEM-CODE			UNIT BID PRICE ONLY. WRITTEN IN WORDS	UNIT	APPROX QUANTITIES	DEPT USE ONLY
	ITEM NO	DESC CODE	S.P. NO.				
	276	2225		CEM TRT(PLNT MX)(CL N)(TY D)(GR4)(12") DOLLARS and CENTS	SY	132,568.000	12
	305	2007		SLV,HAUL & STKPL RCL APH PV (10 TO 12") DOLLARS and CENTS	SY	132,568.000	13
	310	2001		PRIME COAT (MC-30) DOLLARS and CENTS	GAL	26,750.000	14
	316	2223	016	AGGR(TY-PB GR-4 SAC-B) DOLLARS and CENTS	CY	1,550.000	15
	316	2422	016	ASPH (AC-15P, CRS-2P OR CRS-1P) DOLLARS and CENTS	GAL	57,967.000	16
	354	2006		PLAN & TEXT ASPH CONC PAV(4" TO 6") DOLLARS and CENTS	SY	124,580.000	17
	400	2005		CEM STABIL BKFL DOLLARS and CENTS	CY	6.000	18
	400	2006		CUT & RESTORING PAV DOLLARS and CENTS	SY	137.000	19
	401	2001		FLOWABLE BACKFILL DOLLARS and CENTS	CY	19.000	20
	402	2001		TRENCH EXCAVATION PROTECTION DOLLARS and CENTS	LF	83.000	21
	403	2001		TEMPORARY SPL SHORING DOLLARS and CENTS	SF	963.000	22

ALT	ITEM-CODE			UNIT BID PRICE ONLY. WRITTEN IN WORDS	UNIT	APPROX QUANTITIES	DEPT USE ONLY
	ITEM NO	DESC CODE	S.P. NO.				
	432	2002		RIPRAP (CONC)(5 IN)  and  DOLLARS CENTS	CY	177.500	23
	432	2008		RIPRAP (STONE TY R)(GROUT)(8 IN)  and  DOLLARS CENTS	CY	692.000	24
	432	2039		RIPRAP (MOW STRIP)(4 IN)  and  DOLLARS CENTS	CY	449.000	25
	460	2004		CMP (GAL STL 24 IN)  and  DOLLARS CENTS	LF	6.000	26
	460	2005		CMP (GAL STL 30 IN)  and  DOLLARS CENTS	LF	6.000	27
	460	2009		CMP (GAL STL 48 IN)  and  DOLLARS CENTS	LF	10.000	28
	462	2001	015	CONC BOX CULV (3 FT X 2 FT)  and  DOLLARS CENTS	LF	15.000	29
	462	2010	015	CONC BOX CULV (6 FT X 3 FT)  and  DOLLARS CENTS	LF	8.000	30
	462	2011	015	CONC BOX CULV (6 FT X 4 FT)  and  DOLLARS CENTS	LF	78.000	31
	462	2013	015	CONC BOX CULV (6 FT X 6 FT)  and  DOLLARS CENTS	LF	9.000	32
	464	2003	006	RC PIPE (CL III)(18 IN)  and  DOLLARS CENTS	LF	2,874.000	33

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	ITEM NO	DESC CODE	S.P. NO.				
	464	2005	006	RC PIPE (CL III)(24 IN)  and  DOLLARS CENTS	LF	546.000	34
	464	2007	006	RC PIPE (CL III)(30 IN)  and  DOLLARS CENTS	LF	120.000	35
	464	2009	006	RC PIPE (CL III)(36 IN)  and  DOLLARS CENTS	LF	20.000	36
	466	2005		WINGWALL (SW-0)(HW=3 FT)  and  DOLLARS CENTS	EA	6.000	37
	466	2020		WINGWALL (FW-0)(HW=4 FT)  and  DOLLARS CENTS	EA	1.000	38
	466	2023		WINGWALL (FW-0)(HW=7 FT)  and  DOLLARS CENTS	EA	2.000	39
	466	2033		WINGWALL (FW-S)(HW=3 FT)  and  DOLLARS CENTS	EA	2.000	40
	466	2049		WINGWALL (PW)(HW=5 FT)  and  DOLLARS CENTS	EA	2.000	41
	466	2065		HEADWALL (CH-FW-0)(DIA= 24 IN)  and  DOLLARS CENTS	EA	1.000	42
	466	2067		HEADWALL (CH-FW-0)(DIA= 30 IN)  and  DOLLARS CENTS	EA	1.000	43
	466	2069		HEADWALL (CH-FW-0)(DIA= 36 IN)  and  DOLLARS CENTS	EA	2.000	44

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	ITEM NO	DESC CODE	S.P. NO.				
	466	2101		HEADWALL (CH-FW-30)(DIA= 48 IN) DOLLARS and CENTS	EA	1.000	45
	466	2135		HEADWALL (CH-PW-0)(DIA= 72 IN) DOLLARS and CENTS	EA	1.000	46
	467	2209		SET (TY II)(18 IN)(RCP)(3:1)(C) DOLLARS and CENTS	EA	13.000	47
	467	2213		SET (TY II)(30 IN)(RCP)(3:1)(C) DOLLARS and CENTS	EA	2.000	48
	467	2222		SET (TY II)(18 IN)(RCP)(4:1)(C) DOLLARS and CENTS	EA	11.000	49
	467	2286		SET (TY II)(18 IN)(RCP)(6:1)(P) DOLLARS and CENTS	EA	196.000	50
	467	2288		SET (TY II)(24 IN)(RCP)(6:1)(P) DOLLARS and CENTS	EA	38.000	51
	467	2290		SET (TY II)(30 IN)(RCP)(6:1)(P) DOLLARS and CENTS	EA	2.000	52
	467	2292		SET (TY II)(36 IN)(RCP)(6:1)(P) DOLLARS and CENTS	EA	2.000	53
	467	2348		SET (TY II)(18 IN)(RCP)(4:1)(P) DOLLARS and CENTS	EA	7.000	54
	480	2001		CLEAN EXIST CULVS DOLLARS and CENTS	EA	25.000	55

ALT	ITEM-CODE			UNIT BID PRICE ONLY. WRITTEN IN WORDS	UNIT	APPROX QUANTITIES	DEPT USE ONLY
	ITEM NO	DESC CODE	S.P. NO.				
	496	2005		REMOV STR (WINGWALL)  and  DOLLARS CENTS	EA	9.000	56
	496	2006		REMOV STR (HEADWALL)  and  DOLLARS CENTS	EA	4.000	57
	496	2007		REMOV STR (PIPE)  and  DOLLARS CENTS	LF	3,532.000	58
	496	2041		REMOV STR (LARGE)  and  DOLLARS CENTS	EA	1.000	59
	500	2001	011	MOBILIZATION  and  DOLLARS CENTS	LS	1.000	60
	502	2001	033	BARRICADES, SIGNS AND TRAFFIC HAN- DLING  and  DOLLARS CENTS	MO	12.000	61
	508	2002		CONSTRUCTING DETOURS  and  DOLLARS CENTS	SY	115.000	62
	512	2010	002	PORT CTB (DES SOURCE)(SAFETY SH)(TY 1)  and  DOLLARS CENTS	LF	320.000	63
	512	2019	002	PORT CTB (MOVE)(SAFETY SH)(TY 1)  and  DOLLARS CENTS	LF	320.000	64
	512	2028	002	PORT CTB (STKPL)(SAFETY SH)(TY 1)  and  DOLLARS CENTS	LF	620.000	65

ALT	ITEM-CODE			UNIT BID PRICE ONLY. WRITTEN IN WORDS	UNIT	APPROX QUANTITIES	DEPT USE ONLY
	ITEM NO	DESC CODE	S.P. NO.				
	530	2002	006	INTERSECTIONS (ACP)  DOLLARS and CENTS	EA	2.000	66
	530	2007	006	DRIVEWAYS (CONC)  DOLLARS and CENTS	EA	16.000	67
	530	2008	006	DRIVEWAYS (ACP)  DOLLARS and CENTS	EA	171.000	68
	530	2014	006	TURNOUTS (ACP)  DOLLARS and CENTS	EA	88.000	69
	536	2002		CONC MEDIAN  DOLLARS and CENTS	SY	26.000	70
	540	2001	031	MTL W-BEAM GD FEN (TIM POST)  DOLLARS and CENTS	LF	9,075.000	71
	542	2001		REMOVING METAL BEAM GUARD FENCE DOLLARS and CENTS	LF	5,417.000	72
	544	2001		GUARDRAIL END TREATMENT (INSTALL) DOLLARS and CENTS	EA	34.000	73
	544	2003		GUARDRAIL END TREATMENT (REMOVE) DOLLARS and CENTS	EA	22.000	74
	545	2049	001	CRASH CUSH ATTEN (INSTL)(WORK ZONE) DOLLARS and CENTS	EA	4.000	75

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	ITEM NO	DESC CODE	S.P. NO.				
	545	2050	001	CRASH CUSH ATTEN(MOV&RESET)(WORK ZONE)  DOLLARS and CENTS	EA	2.000	76
	545	2051	001	CRASH CUSH ATTEN (REMOVE)(WORK ZONE)  DOLLARS and CENTS	EA	4.000	77
	560	2007	001	MAILBOX INSTALL-D (TWW-POST)TY 4 FND- TB  DOLLARS and CENTS	EA	44.000	78
	560	2015	001	MAILBOX INSTALL-S(TWW-POST)TY 4 FND- TB  DOLLARS and CENTS	EA	44.000	79
	644	2001		IN SM RD SN SUP&AM TY10BWG(1)SA(P) DOLLARS and CENTS	EA	88.000	80
	644	2006		IN SM RD SN SUP&AM TY10BWG(1)SA(U) DOLLARS and CENTS	EA	5.000	81
	644	2027		IN SM RD SN SUP&AM TYS80(1)SA(U) DOLLARS and CENTS	EA	2.000	82
	644	2029		IN SM RD SN SUP&AM TYS80(1)SA(U-2EXT) DOLLARS and CENTS	EA	2.000	83
	644	2060		REMOVE SM RD SN SUP & AM DOLLARS and CENTS	EA	2.000	84

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	ITEM NO	DESC CODE	S.P. NO.				
	644	2070		IN SM RD SN SUP&AM TY 10BWG(2)SA(T) DOLLARS and CENTS	EA	1.000	85
	644	2072		IN SM RD SN SUP&AM TYS80(2)SA(T) DOLLARS and CENTS	EA	1.000	86
	658	2241		INSTL DEL ASSM (D-SW)SZ 1(FLX)GF2(BI) DOLLARS and CENTS	EA	489.000	87
	658	2316		INSTL OM ASSM (OM-2Z)(FLX)GND DOLLARS and CENTS	EA	54.000	88
	662	2054		WK ZN PAV MRK REMOV (REFL) TY II-A-A DOLLARS and CENTS	EA	150.000	89
	662	2079		WK ZN PAV MRK REMOV (W) 24" (SLD) DOLLARS and CENTS	LF	21.000	90
	662	2097		WK ZN PAV MRK REMOV (Y) 4" (BRK) DOLLARS and CENTS	LF	3,000.000	91
	662	2099		WK ZN PAV MRK REMOV (Y) 4" (SLD) DOLLARS and CENTS	LF	62,440.000	92
	662	2113		WK ZN PAV MRK SHT TERM (TAB) TY W DOLLARS and CENTS	EA	28.000	93
	662	2115		WK ZN PAV MRK SHT TERM (TAB) TY Y-2 DOLLARS and CENTS	EA	11,850.000	94
	666	2012		REFL PAV MRK TY I (W) 4" (SLD)(100MIL) DOLLARS and CENTS	LF	79,871.000	95

ALT	ITEM-CODE			UNIT BID PRICE ONLY. WRITTEN IN WORDS	UNIT	APPROX QUANTITIES	DEPT USE ONLY
	ITEM NO	DESC CODE	S.P. NO.				
	666	2036		REFL PAV MRK TY I (W) 8" (SLD)(100MIL) DOLLARS and CENTS	LF	479.000	96
	666	2042		REFL PAV MRK TY I (W) 12"(SLD)(100MIL) DOLLARS and CENTS	LF	56.000	97
	666	2048		REFL PAV MRK TY I (W) 24"(SLD)(100MIL) DOLLARS and CENTS	LF	580.000	98
	666	2054		REFL PAV MRK TY I (W) (ARROW) (100MIL) DOLLARS and CENTS	EA	3.000	99
	666	2096		REFL PAV MRK TY I (W) (WORD) (100MIL) DOLLARS and CENTS	EA	3.000	100
	666	2105		REFL PAV MRK TY I (Y) 4" (BRK)(100MIL) DOLLARS and CENTS	LF	3,240.000	101
	666	2111		REFL PAV MRK TY I (Y) 4" (SLD)(100MIL) DOLLARS and CENTS	LF	61,465.000	102
	672	2021	034	TRAFFIC BUTTON TY II-A-A DOLLARS and CENTS	EA	682.000	103
	1122	2002	001	ROCK FILTER DAMS (INSTALL) (TY 2) DOLLARS and CENTS	LF	1,020.000	104
	1122	2009	001	ROCK FILTER DAMS (REMOVE) DOLLARS and CENTS	LF	1,020.000	105
	1122	2016	001	CONSTRUCTION EXITS (INSTALL) (TY 1) DOLLARS and CENTS	SY	205.000	106

ALT	ITEM-CODE			UNIT BID PRICE ONLY. WRITTEN IN WORDS	UNIT	APPROX QUANTITIES	DEPT USE ONLY
	ITEM NO	DESC CODE	S.P. NO.				
	1122	2019	001	CONSTRUCTION EXITS (REMOVE) DOLLARS and CENTS	SY	205.000	107
	1122	2037	001	TEMPORARY SEDIMENT CONTROL FENCE INSTLL DOLLARS and CENTS	LF	7,400.000	108
	1122	2048	001	BIOGRD EROSN CONT LOGS (12" DIA)INSTALL DOLLARS and CENTS	LF	1,830.000	109
	1122	2056	001	BIODEGRADBLE EROSION CONTROL LOGS REMOV DOLLARS and CENTS	LF	1,830.000	110
	1122	2057	001	TEMPORARY SEDIMENT CONTROL FENCE REMOVE DOLLARS and CENTS	LF	7,400.000	111
	3268	2027		D-GR HMA TY-C SAC-B PG70-22 DOLLARS and CENTS	TON	28,766.000	112
	5172	2001		GEOGRID BASE REINFORCEMENT (TY A) DOLLARS and CENTS	SY	1,666.000	113
	5935	2001		TEMPORARY PORTABLE TRAFFIC SIGNAL DOLLARS and CENTS	MO	.500	114
	6834	2002	002	PORTABLE CHANGEABLE MESSAGE SIGN DOLLARS and CENTS	EA	4.000	115

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## **SW3P RESPONSIBILITIES**

### **TxDOT Area of Responsibility**

Responsible for the area defined by the limits of the subject project, except for those areas utilized and operated by the contractor. These areas include, though are not limited to, areas used for field offices, equipment and/or material storage, and concrete or asphalt plants.

### **TxDOT Operational Responsibility**

Responsible for seeking coverage under the TPDES Construction General Permit (CGP) and operating the project within the requirements of the CGP for discharging storm water from the subject project and to notify MS4 permit holders of the intent to discharge storm water.

File a Notice of Termination with TCEQ upon completion of the project when the exposed areas have been stabilized with a vegetative cover of at least 70%.

### **Contractor Area of Responsibility**

Responsible for all areas under their direct operational control which includes, though not limited to, areas used for field offices, equipment and/or material storage, and concrete or asphalt plants. These areas may be located on or off the subject project's R.O.W.

### **Contractor Operational Responsibility**

Responsible for seeking coverage under the TPDES Construction General Permit (CGP) and adhering to all requirements of the permit for discharging storm water from the areas under their operational control. Perform regular inspections, prepare a written report of deficiencies, and repair deficiencies within the time frame set forth by the permit. File a Notice of Termination with TCEQ upon completion of the project when the exposed areas have been stabilized with a vegetative cover of at least 70%.

Responsible under contractual obligations to TxDOT to install, clean, repair, replace or remove sediment and erosion control devices as indicated on TxDOT's Inspection Reports, or as required by daily construction practices, within the time frame set forth by the permit.

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**SPECIFICATION DATA**

<b>Table 1: Soil Constants Requirements</b>				
Item	Description	Plasticity Index		Note
		Max	Min	
132	Embk(DC)(Type C)	40	8	1

Note 1: Material excavated from the project must meet the PI requirements when used in the top 10 feet of embankment that supports the pavement structure or other locations shown in the plans. Do not use shale and obtain approval to incorporate shaley clay produced by the construction project.

<b>Table 2: Basis of Estimate for Permanent Construction</b>					
Item	Description	Thickness	Rate		Quantity
162	Block Sod	N/A			SY
162	Mulch Sod	4"			SY
164	Drill Seed (Perm) (R/U) (C/S)	N/A			24,498 SY
166 *	Fertilizer (12-6-6)	N/A	500	Lb/Ac	Ton
168	Vegetative Watering (Warm)**	N/A	7	MG/Ac/Day	2,125.9 MG
310	Prime Coat (MC-30)	N/A	0.20	Gal/SY	26,750 Gal
3267,3268	Hot Mix Asphalt (Ty C)		110	Lbs/SY/In	28,766 Ton
* For contractor's information only					
**Adjust for actual field conditions/temperatures as necessary. See Vegetation Establishment Plan Sheet for estimated daily rates.					
Note: (1) Base material weight based on <u>1.50</u> Ton/CY (dry- compacted)					
(2) Asphalt weight based on <u>110</u> Lbs/SY/In					
(3) Subgrade weight based on <u>1.50</u> Ton/CY (dry-compacted)					

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Table 3: Basis of Estimate for Temporary Erosion Control Items				
Item	Description	Rate		Quantity
164	Drill Seeding (Temp) ( <b>Warm</b> )	See Specifications		6,135 SY
166*	Fertilizer (12-6-6)	500	Lb/Ac	Ton
168	Vegetative Watering (Warm)**	7	MG/Ac/Day	38 MG
164	Drill Seeding (Temp) ( <b>Cool</b> )	See Specifications		6,130 SY
166*	Fertilizer (12-6-6)	500	Lb/Ac	Ton
168	Vegetative Watering (Cool)**	1	MG/Ac/Day	38 MG

\*For Contractor's Information Only.  
 \*\*Adjust for Actual Field Conditions/Temperatures as Necessary. See Vegetation Establishment Sheet for estimated daily rates.

**GENERAL**

Access will be provided to all business and residences at all times. Where turning radii are limited during phased construction at intersections, provide all weather surfaces such as RAP or base in turning movements to accommodate and to protect the traffic from edge drop-offs. Materials, labor, maintenance and removal for these temporary accesses and radii will not be paid for directly but will be considered subsidiary to the various bid items.

The construction, operation and maintenance of the proposed project will be consistent with the state implementation plan as prepared by the Texas Commission on Environmental Quality.

The disturbed area for this project, as shown on the plans is 32.78 acres. However, the Total Disturbed Area (TDA) will establish the required authorization for storm water discharges. The TDA of this project will be determined by the sum of the disturbed area in all project locations in the contract, and all disturbed area on all Project-Specific Locations (PSL) located in the project limits and/or within 1 mile of the project limits. The department will obtain an authorization to discharge storm water from the Texas Commission on Environmental Quality (TCEQ) for the construction site as shown on the plans, according to the TDA of the project. The contractor will obtain any required authorization from the TCEQ for the discharge of storm water from any PSL for construction support activities on or off of the project row according to the TDA of the project. When the TDA for the project exceeds 1 acre, provide a copy of the appropriate application of permit (NOI, or Construction Site Notice) to the engineer, for any PSL located in the project limits or within 1 mile of the project limits. Follow the directives and adhere to all requirements set forth in the TCEQ, Texas Pollution Discharge Elimination System, Construction General Permit (TPDES, CGP).

This project required coordination with environmental resources agencies. There is a high probability that an environmentally sensitive area could be encountered on the contractor designated Project-Specific Locations (PSL) for this project (haul roads, equipment staging

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areas, borrow pits, disposal sites, field offices, storage areas, parking areas, etc.). Item 7.19.F, "Project-Specific Locations", will provide a listing of regulatory agencies that may need to be contacted regarding this project.

Prior to contract letting, bidders may request electronic earthwork information by email. Email: [Hal.Stanford@txdot.gov](mailto:Hal.Stanford@txdot.gov); [Brenda.Callaway@txdot.gov](mailto:Brenda.Callaway@txdot.gov)  
Earthwork files will be provided by email or by using TxDOT's Dropbox FTP Service.

Bidders may also obtain a free computer diskette that contains earthwork information from the engineer's office. Paper copies of cross-sections may be produced by using the provided free diskette at the bidders' expense and at copying companies. This data is for non-construction purposes only and it is the responsibility of the prospective bidder to validate the enclosed data with appropriate plans, specifications and estimate for the project(s).

Install traffic marking signs prior to sealcoat application and remove within three days after placement of traffic markings.

Leave all right of way areas undisturbed until actual construction is to be performed in said areas.

Place survey monuments, provided by the department, at points indicated and as detailed in the plans or as directed. Furnish surface coordinates and the elevation of the set monument and an azimuth from the monument to some prominent physical feature, preferably another survey monument on the project. This work will not be paid for directly, but will be considered subsidiary to the various bid items.

Use established industry and utility safety practices to erect poles, luminaries, signs or structures near any overhead or underground utility. Consult with the appropriate utility company prior to beginning such work.

Underground utilities owned by the Texas Department of Transportation may be present within the Right-Of-Way on this project. For signal, illumination, surveillance, and communications & control maintained by TxDOT, call the TxDOT Traffic Signal Office (214-320-6682) for locates a minimum of 48 hours in advance of excavation. For irrigation systems, call TxDOT Maintenance Landscape Office (214-320-6205) for locates a minimum of 48 hours in advance of excavation. If city or town owned irrigation facilities are present, call the appropriate department of the local city or town a minimum of 48 hours in advance of excavation. The Contractor is liable for all damages incurred to the above mentioned utilities when working without having the utilities located prior to excavation.

For the project to be deemed complete, permanently stabilize all unpaved disturbed areas of the project with a vegetative cover at a minimum of 70% density for the control of erosion.

Repair or replace any structures and utilities that might have been damaged by negligence or a failure to have utility locates performed.

Perform all electrical work in accordance with the National Electrical Code and Texas Department of Transportation Specifications.

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Consult with appropriate electric company representatives according to their respective area to coordinate electrical services installations.

Meet weekly with the engineer to notify him or her of planned work for the upcoming week.

Provide the engineer with a daily work schedule of planned work.

Submit pre-letting questions, by email only, to the attention of Area Engineer and Assistant Area Engineer.

Email: [Hal.Stanford@txdot.gov](mailto:Hal.Stanford@txdot.gov); [Brenda.Callaway@txdot.gov](mailto:Brenda.Callaway@txdot.gov)

Answers will be provided by email.

An electronic file containing pre-letting questions and TxDOT answers will be provided upon email request.

Material On Hand (MOH) will not be used in calculating partial payments for Mobilization.

Provide the Engineer with a copy of all DBE subcontractor agreements prior to commencing work.

**Item 8:**

This Project will be a Five-Day Workweek in accordance with Article 8.3.A.1.

**Item 100:**

Remove the existing roadway small signs, delineators and object markers as shown on the plans, or as directed, during construction within the right of way. Small sign, delineator and object marker removals are subsidiary to this Item.

The limits of preparing right of way will be measured from Sta. 735+90 to Sta. 1132+55 along the centerline of construction.

**Item 104:**

In those areas where the pavement is not to be overlaid, provide a smooth surface after the curb removal. Planing or grinding is considered an acceptable method at these locations. Measurement and payment is in accordance with this item.

Sawing of concrete is not paid for directly, but is considered subsidiary to this item.

**Items 110 and 132:**

Excavation and embankment for driveways, sleeper slabs, alleys and intersections will not be paid for directly, but will be considered subsidiary to these items.

**Item 132:**

**County: Kaufman**

**Highway: FM 148**

Excavated material from the project site has not been determined to be suitable for embankment. The bidder assumes all risk for the use of excavated materials for embankment and is expected to meet all material requirements for embankment regardless of the source.

Earth embankment Type C, is mainly composed of material other than shale. Furnish material that is free from vegetation or other objectionable material and that conforms to the requirements of Table 1 (Sheet B).

Do not use shaley clays in embankment unless approved in writing.

**Item 134:**

Start backfilling pavement edges as soon as possible after the surface course is started.

Backfill and compact the pavement edges to produce a smooth surface adjacent to the pavement with no vertical edges.

Use Type "A" or "B" material to backfill pavement edges as shown in plans. Type "A" or "B" material shall consist of suitable material that when compacted will support the pavement edge. Rap is considered suitable Type "A" or "B" material.

Blade the existing vegetation into a neat wind-row prior to overlay. After placing Ty A or Ty B backfill and placing seeding, the material from the wind-row shall be replaced on the completed slopes. Emulsion shall be placed at a 50/50 solution of water to emulsion over disturbed area. Emulsion rate=0.15 Gal/SY residual. This work, materials and equipment shall be subsidiary to Item 134.

**Item 161:**

Provide tickets representing quantity of compost delivered to site.

**Item 276:**

Add 2% cement. Grade 4 gradation shall meet grade 2 specifications.

**Item 301:**

Provide liquid antistripping agents unless otherwise directed. Provide manufacturer's instruction for liquid antistripping agent.

Add the minimum percentage determined by the manufacturer and try subsequent trials at 0.25% increments, unless otherwise instructed by the manufacturer.

**Item 305:**

Properly dispose all material under this item at contractor's own expense.

Slope longitudinal faces greater than 1 ¼" to a minimum of 1:1 slope at the end of the work period if traffic is able to traverse the joint. Slope transverse tapers to a minimum of 36:1 at the end of the workday. Remove the taper prior to continuing the milling.

**County: Kaufman**

**Highway: FM 148**

For open shoulder sections, plane the asphalt so the flow of water is not impeded at the shoulder edge or across the surface. Added planing up to three feet in width outside the lines and grades of the plans, necessary to provide proper drainage, will be subsidiary to the bid item.

**Item 310:**

Do not use MC-30 on base courses placed between April 16 and September 15.

**Item 316:**

In addition to the temperature requirements of this Item, AC Asphalts used in Surface Treatments and Sealcoats must be placed between May 15 and August 31. Emulsions may be substituted for AC Asphalts outside this timeframe only with the approval of the Engineer.

**Item 354:**

Properly dispose of unsalvageable material at contractor's own expense.

Stockpile the asphalt pavement at [TxDOT, 7055 FM 598, Terrell, Texas 75160](#). Place the asphalt pavement material in a stockpile that meets the dimensions and requirements designated by the engineer.

Remove the loose material from the roadway before opening to traffic. Quantity calculated based on proposed base width of 30 lf.

Patch pavement cut to excessive depth by equipment failure with an approved epoxy material. Re-plane patched area to an acceptable approved ride quality. Payment for these corrections is subsidiary to this item.

Saw existing asphalt along neat lines where portions are to be left in place temporarily or permanently. Sawing is not paid for directly, but is subsidiary to this item.

**Item 400:**

Structural Excavation is not paid for directly but is considered subsidiary to pertinent Items.

When placing concrete storm drain pipe on slopes of greater than 10 percent, provide cement stabilized backfill to a depth shown on the plans. The aggregate shall conform to the requirements of Article 421.2.E.2.

**Item 502:**

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

County: Kaufman

Highway: FM 148

Provide written proposed lane closure information by 1:00 pm on the business day prior to the proposed closures. Do not close lanes when this requirement is not met.

When excavation is required next to a pavement lane carrying traffic and the widening is not completed by the end of the work day, backfill against the edge of the pavement with at least a 3:1 slope using an acceptable material to support vehicular traffic. Carefully remove and dispose of this material when work resumes. Backfilling pavement edges, and the materials required for the work will be subsidiary to this item.

One Course Surface Treatment (OCST) should be placed such that all pavement is covered within 14 calendar days of disturbance. First course of hot mix shall be placed such that all OCST is covered within 14 calendar days of placement.

Place barricades and signs in locations that do not obstruct the sight distance of drivers entering the highway from driveways or side streets.

Provide rectangular shape (CW12-2A) Temporary Clearance Signs on all bridges where the existing vertical clearance has changed. Install Signs to the satisfaction of the Engineer prior to opening to traffic. Plywood sign blanks will have minimum dimensions of 84" X 24". Work performed and materials are subsidiary to this item.

Do not operate or park any equipment/machinery closer than 30 feet from the traveled roadway after sunset unless authorized by the engineer.

When moving unlicensed equipment on or across any pavement or public highways, protect the pavement from all damage using an acceptable method.

As approved by the Engineer, provide uniformed off duty police officers and squad cars during lane or ramp closures, night time work or other situations that indicate a need for additional traffic control to protect the traveling public or the construction workforce. Provide documentation such as payroll, log sheets with signatures and badge number, or invoices from the government entity providing the officers for reimbursement. Complete the weekly tracking form provided by the department and submit invoices that agree with the tracking form for payment at the end of each month approved services were provided. Reimbursement will not be made for coordination fees charged by the police department.

Additional lanes may be closed during Off Peak Times or Lowest Times with written permission of the Engineer. Lane Closures during Off Peak Times may be started earlier or be extended later with written permission of the Engineer.

Traffic Control Plans with Lane Closures causing backups of 20 minutes or greater in duration will be modified by the Engineer.

**Item 508:**

Testing of materials used in the construction of a temporary detour may be waived when approved by the Engineer.

County: Kaufman

Highway: FM 148

**Item 512:**

The contractor will pick-up and return pre-cast F Shape Barriers for traffic control from 7055 FM 598, Terrell, Texas 75160. The contractor needs to contact 48 hours advance to Renee Walker at (972) 962-3617. Contractor will return these CTB in good shape. Contractor will provide all connection materials as needed, including pins where required.

**Item 529:**

Saw joints at the same location as on the existing pavement.

**Item 530:**

Provide Class "HES" concrete for concrete intersections and driveways listed or shown on the plans.

**Item 540:**

Furnish one type of post throughout the project except as specifically noted in the plans.

**Item 542:**

Salvage metal beam guard fence removed from this project and haul to and stockpile at [TxDOT, 7055 FM 598, Terrell, Texas 75160](#). Contact Chris Johnson at (972) 962-7218 for stockpiling. The work involved in hauling this material will not be paid for directly, but will be considered subsidiary to this item.

Remove or cut off existing anchor bolts and fill holes with grout in bridge slabs as directed.

**Item 545:**

Contact [Renee Walker](#) at [\(972\) 962-3617](#) to pick-up and return crash cushion attenuators from the storage area located at [TxDOT, 7055 FM 598, Terrell, Texas 75160](#).

Stockpile crash cushion attenuators at [TxDOT, 7055 FM 598, Terrell, Texas 75160](#).

**Item 585:**

Use Surface Test Type A on all intersections and driveways.

Use Surface Test Type B pay adjustment schedule 2 on the travel lanes.

**Items 644:**

Prior to taking elevations to determine lengths for fabrication of sign posts and/or sign support towers, obtain verification of all proposed locations.

Provide field galvanizing and metallizing equipment, as per Item 445, at all times and make repairs to galvanized surfaces according to the above specification item at intervals as directed.

**County: Kaufman**

**Highway: FM 148**

All sign mounts shall have a clamp base system for all small roadside sign assemblies.

After sign supports with signs attached have been erected, wash individual units requiring cleaning with an approved cleaning solution to remove all grease, oil, dirt, smears, streaks, and other foreign particles.

A 3 inch strip of red reflective sheeting shall be placed on all Do Not Enter sign assemblies. This sheeting shall be placed directly below the Do Not Enter sign for the entire length of the sign post facing wrong way traffic. This work will be considered subsidiary to Item 644.

The post lengths shown on the Summary of Large Signs are approximations only. After the "X" dimensions are determined, submit actual post lengths to the Engineer for approval. Post lengths and size shall be approved by the Engineer before fabrication.

Torque the anchor bolts for only the Exit Gore signs to 60 foot-pounds.

**Item 1122:**

Take all practicable precautions to prevent debris from being discharged into the Waters of Texas or a designated wetland. Install Best Management Practices before demolition begins and maintain them during the demolition. Remove any debris or construction material that escapes containment devices and are discharged into the restricted areas, before the next rain event or within 24 hours of the discharge.

If temporary construction stream crossings are allowed under a Nationwide Permit, submit in writing for approval the type and location of each temporary stream crossing. Use temporary bridges, timber mats, or other structurally sound and non-eroding material for temporary stream crossings. A temporary culvert crossing will consist of storm sewer pipes and 4- to 8-inch nominal size rock. Temporary stream crossings must not cause more than minimal changes to the hydraulic flow characteristics of the stream, increase flooding, or cause more than minimal degradation of water quality. Remove the temporary stream crossings in their entirety and return the affected areas to their pre-existing elevation. All work and materials use for temporary construction stream crossings will not be paid for directly but are subsidiary to pertinent Items.

Provide SW3P Signs. Obtain from the Engineer a copy of the project's completed TPDES Storm Water Program Construction Site Notice and signed Contractor Certification Statement. Laminate the sheets and bond with adhesive to 36" X 36" plywood sign blanks. Ensure the sheets remain dry. Apply Type C Blue reflective sheeting as the background and add the text "SW3P" in 5" white lettering, centered at the top. Attach the signs to approved temporary mounts and locate at each of the project limits just inside the right of way line at a readable height or as directed by the Engineer. If the sign cannot be placed outside the clear zone, it must adhere to the TMUTCD. SW3P signs, maintenance, and reposting (for replacement or as needed to ensure readability) will be subsidiary to Item 502.

**Item 3268:**

Tack Coat is required.

**County: Kaufman**

**Highway: FM 148**

Design for a target Laboratory-molded density of 97.0% when using the TGC (Tex-204-F, part I).

Use aggregate that meets the Surface Aggregate Classification (SAC) requirement of Class C.

Provide the engineer the opportunity to witness all mixture design tests. The engineer may require a retest if not given the opportunity to witness.

Dilution of tack is not allowed.

Provide PG binder 70-22 in Type C mixture.