

# NOTIFICATION OF ADDENDUM

## ADDENDUM NO. 1

**DATED 11/03/2014**

<b>Control</b>	<b>0510-01-026</b>
<b>Project</b>	<b>STP 2015(309)</b>
<b>Highway</b>	<b>FM 902</b>
<b>County</b>	<b>GRAYSON</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 2015(309) CONTROL: 0510-01-026  
COUNTY: GRAYSON  
LETTING: 11/05/2014  
REFERENCE NO: 1031

**PROPOSAL ADDENDUMS**

- \_ PROPOSAL COVER  
X BID INSERTS (SH. NO.: 2-12 through 12-12 )  
X GENERAL NOTES (SH. NO.: B, D through L )  
  
X SPEC LIST (SH. NO.: 1-3 )  
\_ SPECIAL PROVISIONS:  
\_ ADDED:  
  
DELETED:  
  
\_ SPECIAL SPECIFICATIONS:  
\_ ADDED:  
  
DELETED:  
  
X OTHER: Plan Sheets: 2,5,6,7,8,9,10,11,12,13,14,15,77,78,79,80,81,82,  
83,84,100, & 100A  
DESCRIPTION OF ABOVE CHANGES  
(INCLUDING PLANS SHEET CHANGES)

Bid Inserts:  
Sheet 2-12: Changed quantity of Items 247 2096 & 275 2001. Deleted Items 247 2209 and 247 2275.  
Sheet 3-12: Added Item 403 2001. Items shifted.  
Sheet 8-12: Changed quantity of Item 530 2011. Items shifted.  
Sheet 9-12: Added items 530 2050 & 530 2051. Items shifted.  
Sheets 4-12, 5-12, 6-12, 7-12, 10-12 through 12-12: Items shifted.  
Specification Data:  
Sheet B: Revised note under Item 8.  
Sheet D: Revised notes under Item 251. Notes shifted.  
Sheet G: Revised notes under Items 430 & 464. Notes shifted.  
Sheet H: Revised notes under Items 464 & 472. Notes shifted.  
Sheet I: Revised notes under Item 502. Notes shifted.  
Sheet L: Added sheet. Notes shifted.  
Sheets E,F,J, & K: Notes shifted.  
Spec List:  
Sheet 1-3: Added Item 403.  
Plan Sheets:  
Sheet 2 (Index of Sheets): Omitted Sheet 100, SGT (7)31-14. Added Sheet 100A, SGT (9S)31-14.  
DESCRIPTION OF ABOVE CHANGES (CONTINUED)  
(INCLUDING PLANS SHEET CHANGES)

Sheet 5 (General Notes): Revised note under Item 8.  
Sheet 6 (General Notes): Revised note under Item 251. Notes shifted.  
Sheet 7 (General Notes): Notes shifted.  
Sheet 8 (General Notes): Revised notes under Items 430, 464, & 472. Notes shifted.  
Sheet 9 (General Notes): Revised note under Item 502. Notes shifted.  
Sheet 10 (General Notes): Notes shifted.  
Sheet 11 (Estimate & Quantity): Changed quantity of Items 247 2096 & 275 2001. Deleted Items 247 2209 & 247 2275. Added Item 403 2001. Items shifted.  
Sheet 12 (Estimate & Quantity): Changed quantity of Item 530 2011. Added Items 530 2050 & 530 2051. Items shifted.  
Sheet 13 (Estimate & Quantity): Items Shifted.  
Sheet 14 (Quantity Summary): Changed quantity of Items 247 2096, 275 2001, & 530 2011. Deleted Items 247 2209 & 247 2275. Added Items 530 2050 & 530 2051.  
Sheet 15 (Quantity Summary): Added Item 403 2001.  
Sheet 77 (Driveway & County Road Details): Changed detail of surface treat driveways.  
Sheets 78,79,80,81,82,83,& 84 (Driveway/Turnout Summary): Revised quantity of Driveway(ACP). Added Driveway(Surf Trt Ty I) & Driveway (Surf Trt Ty II).  
Sheet 100 (SGT(7)31-14): Omitted sheet.  
Sheet 100A (SGT(9S)31-14): Added sheet.

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	761.000	1
	104	2009		REMOVING CONC (RIPRAP)  DOLLARS and CENTS	SY	25.000	2
	104	2017		REMOVING CONC (DRIVEWAYS)  DOLLARS and CENTS	SY	677.000	3
	110	2002		EXCAVATION (CHANNEL)  DOLLARS and CENTS	CY	874.000	4
	112	2001		SUBGRADE WIDENING (ORD COMP)  DOLLARS and CENTS	STA	709.000	5
	134	2002		BACKFILL (TY B)  DOLLARS and CENTS	STA	761.000	6
	152	2001		ROAD GRADER WORK (ORD COMP)  DOLLARS and CENTS	STA	761.000	7
	164	2036	002	DRILL SEEDING (PERM) (RURAL) (CLAY)  DOLLARS and CENTS	AC	56.000	8
	164	2042	002	DRILL SEEDING (TEMP) (WARM)  DOLLARS and CENTS	AC	28.000	9
	164	2044	002	DRILL SEEDING (TEMP) (COOL)  DOLLARS and CENTS	AC	28.000	10
	168	2001		VEGETATIVE WATERING  DOLLARS and CENTS	MG	1,680.000	11

ALT	ITEM-CODE			UNIT BID PRICE ONLY. WRITTEN IN WORDS	UNIT	APPROX QUANTITIES	DEPT USE ONLY
	ITEM NO	DESC CODE	S.P. NO.				
	216	2001		PROOF ROLLING  DOLLARS and CENTS	HR	120.000	12
	247	2096	039	FL BS (CMP IN PLC)(TY D GR 4)  DOLLARS and CENTS	TON	33,859.000	13
	251	2026		REWORK BS MTL (TY B) (8") (ORD COMP)  DOLLARS and CENTS	SY	7,789.000	14
	251	2034		REWORK BS MTL (TY D) (8") (ORD COMP)  DOLLARS and CENTS	SY	137,201.000	15
	251	2125		REWORK BS MATL (TY D)(7")(ORD COMP)  DOLLARS and CENTS	SY	7,465.000	16
	251	2145		REWORK BS MTL (TY B) (11") (ORD COMP)  DOLLARS and CENTS	SY	34,468.000	17
	275	2001	003	CEMENT  DOLLARS and CENTS	TON	4,473.000	18
	275	2061	003	CEM TRT (MX EXT MTL/NW BASE)(DC)(10")  DOLLARS and CENTS	SY	218,134.000	19
	316	2015	016	ASPH (RC-250)  DOLLARS and CENTS	GAL	61,082.000	20
	316	2406	016	AGGR (TY-B GR-5 OR TY-L GR-5 SAC-B)  DOLLARS and CENTS	CY	1,752.000	21
	316	2530	016	AGGR TY-B OR TY-L GR-3 SAC-B  DOLLARS and CENTS	CY	2,085.000	22

ALT	ITEM-CODE			UNIT BID PRICE ONLY. WRITTEN IN WORDS	UNIT	APPROX QUANTITIES	DEPT USE ONLY
	ITEM NO	DESC CODE	S.P. NO.				
	316	2538	016	AGGR (TY-PB GR-4 OR TY-PL GR-4 SAC-B) DOLLARS and CENTS	CY	1,769.000	23
	316	2542	016	ASPH(AC-15P OR AC-20-5TR OR AC-20XP) DOLLARS and CENTS	GAL	179,558.000	24
	354	2002		PLAN & TEXT ASPH CONC PAV(0" TO 2") DOLLARS and CENTS	SY	250.000	25
	402	2001		TRENCH EXCAVATION PROTECTION DOLLARS and CENTS	LF	629.000	26
	403	2001		TEMPORARY SPL SHORING DOLLARS and CENTS	SF	6,725.000	27
	416	2015		DRILL SHAFT (NON-REINFORCED)(12 IN) DOLLARS and CENTS	LF	10.000	28
	430	2038		CL C CONC FOR EXT STRU(CULV)(9' X 5') DOLLARS and CENTS	LF	33.000	29
	430	2054		CL C CONC FOR EXT STR (CULV) 3-6' X 3' DOLLARS and CENTS	LF	14.000	30
	430	2076		CL C CONC FOR EXT STRU (CULV)(2-6' X 5') DOLLARS and CENTS	LF	5.000	31
	430	2094		CL C CONC FOR EXT STR (CULV)(1- 7' X 4') DOLLARS and CENTS	LF	4.000	32
	430	2108		CL C CONC FOR EXT STRU (CULV)(2-8' X 6') DOLLARS and CENTS	LF	28.000	33

ALT	ITEM-CODE			UNIT BID PRICE ONLY. WRITTEN IN WORDS	UNIT	APPROX QUANTITIES	DEPT USE ONLY
	ITEM NO	DESC CODE	S.P. NO.				
	430	2138		CL C CONC FOR EXT STRU (CULV)(2-8'X8') DOLLARS and CENTS	LF	40.000	34
	430	2142		CL C CONC FOR EXT STRU (CULV)(2-5'X5') DOLLARS and CENTS	LF	26.000	35
	430	2162		CL C CONC FOR EXT STR (CULV)(9'X 7') DOLLARS and CENTS	LF	32.000	36
	430	4135		CL C CONC FOR EXT STRU(CULV)(3-9'X 9') DOLLARS and CENTS	LF	33.000	37
	432	2019		RIPRAP (STONE PROTECTION)(12 IN) DOLLARS and CENTS	CY	179.000	38
	432	2039		RIPRAP (MOW STRIP)(4 IN) DOLLARS and CENTS	CY	162.000	39
	450	2642	001	RAIL (T131RC)(RETROFIT) DOLLARS and CENTS	LF	210.000	40
	464	2003	006	RC PIPE (CL III)(18 IN) DOLLARS and CENTS	LF	2,640.000	41
	464	2005	006	RC PIPE (CL III)(24 IN) DOLLARS and CENTS	LF	6.000	42
	464	2007	006	RC PIPE (CL III)(30 IN) DOLLARS and CENTS	LF	410.000	43
	464	2009	006	RC PIPE (CL III)(36 IN) DOLLARS and CENTS	LF	56.000	44

ALT	ITEM-CODE			UNIT BID PRICE ONLY. WRITTEN IN WORDS	UNIT	APPROX QUANTITIES	DEPT USE ONLY
	ITEM NO	DESC CODE	S.P. NO.				
	464	2010	006	RC PIPE (CL III)(42 IN)  and  DOLLARS CENTS	LF	144.000	45
	464	2011	006	RC PIPE (CL III)(48 IN)  and  DOLLARS CENTS	LF	50.000	46
	466	2051		WINGWALL (PW)(HW=7 FT)  and  DOLLARS CENTS	EA	4.000	47
	466	2052		WINGWALL (PW)(HW=8 FT)  and  DOLLARS CENTS	EA	2.000	48
	466	2053		WINGWALL (PW)(HW=9 FT)  and  DOLLARS CENTS	EA	2.000	49
	466	2054		WINGWALL (PW)(HW=10 FT)  and  DOLLARS CENTS	EA	2.000	50
	466	2055		WINGWALL (PW)(HW=11 FT)  and  DOLLARS CENTS	EA	2.000	51
	466	2130		HEADWALL (CH-PW-0)(DIA= 42 IN)  and  DOLLARS CENTS	EA	1.000	52
	466	2133		HEADWALL (CH-PW-0)(DIA= 60 IN)  and  DOLLARS CENTS	EA	1.000	53
	467	2010		SET (TY I)(36 IN)(4:1)(C)  and  DOLLARS CENTS	EA	1.000	54
	467	2048		SET (TY I)(S= 6 FT)(HW= 4 FT)(3:1)(C)  and  DOLLARS CENTS	EA	6.000	55

ALT	ITEM-CODE			UNIT BID PRICE ONLY. WRITTEN IN WORDS	UNIT	APPROX QUANTITIES	DEPT USE ONLY
	ITEM NO	DESC CODE	S.P. NO.				
	467	2108		SET (TY I)(S= 4 FT)(HW= 4 FT)(4:1)(C) DOLLARS and CENTS	EA	2.000	56
	467	2122		SET (TY I)(S= 6 FT)(HW= 6 FT)(4:1)(C) DOLLARS and CENTS	EA	4.000	57
	467	2126		SET (TY I)(S= 7 FT)(HW= 4 FT)(4:1)(C) DOLLARS and CENTS	EA	2.000	58
	467	2127		SET (TY I)(S= 7 FT)(HW= 5 FT)(4:1)(C) DOLLARS and CENTS	EA	2.000	59
	467	2128		SET (TY I)(S= 7 FT)(HW= 6 FT)(4:1)(C) DOLLARS and CENTS	EA	2.000	60
	467	2211		SET (TY II)(24 IN)(RCP)(3:1)(C) DOLLARS and CENTS	EA	1.000	61
	467	2216		SET (TY II)(42 IN)(RCP)(3:1)(C) DOLLARS and CENTS	EA	4.000	62
	467	2217		SET (TY II)(48 IN)(RCP)(3:1)(C) DOLLARS and CENTS	EA	4.000	63
	467	2218		SET (TY II)(54 IN)(RCP)(3:1)(C) DOLLARS and CENTS	EA	2.000	64
	467	2219		SET (TY II)(60 IN)(RCP)(3:1)(C) DOLLARS and CENTS	EA	1.000	65
	467	2222		SET (TY II)(18 IN)(RCP)(4:1)(C) DOLLARS and CENTS	EA	2.000	66

ALT	ITEM-CODE			UNIT BID PRICE ONLY. WRITTEN IN WORDS	UNIT	APPROX QUANTITIES	DEPT USE ONLY
	ITEM NO	DESC CODE	S.P. NO.				
	467	2224		SET (TY II)(24 IN)(RCP)(4:1)(C) and DOLLARS CENTS	EA	9.000	67
	467	2225		SET (TY II)(30 IN)(RCP)(4:1)(C) and DOLLARS CENTS	EA	28.000	68
	467	2227		SET (TY II)(36 IN)(RCP)(4:1)(C) and DOLLARS CENTS	EA	7.000	69
	467	2228		SET (TY II)(42 IN)(RCP)(4:1)(C) and DOLLARS CENTS	EA	5.000	70
	467	2286		SET (TY II)(18 IN)(RCP)(6:1)(P) and DOLLARS CENTS	EA	303.000	71
	467	2288		SET (TY II)(24 IN)(RCP)(6:1)(P) and DOLLARS CENTS	EA	18.000	72
	472	2005		REMOV & RE-LAY PIPE (24 IN) and DOLLARS CENTS	LF	32.000	73
	472	2007		REMOV & RE-LAY PIPE (30 IN) and DOLLARS CENTS	LF	112.000	74
	472	2009		REMOV & RE-LAY PIPE (36 IN) and DOLLARS CENTS	LF	24.000	75
	472	2010		REMOV & RE-LAY PIPE (42 IN) and DOLLARS CENTS	LF	28.000	76
	472	2011		REMOV & RE-LAY PIPE (48 IN) and DOLLARS CENTS	LF	8.000	77

ALT	ITEM-CODE			UNIT BID PRICE ONLY. WRITTEN IN WORDS	UNIT	APPROX QUANTITIES	DEPT USE ONLY
	ITEM NO	DESC CODE	S.P. NO.				
	472	2012		REMOV & RE-LAY PIPE (54 IN)  DOLLARS and CENTS	LF	12.000	78
	496	2007		REMOV STR (PIPE)  DOLLARS and CENTS	LF	54.000	79
	496	2016		REMOV STR (PIPE)  DOLLARS and CENTS	EA	13.000	80
	500	2001	011	MOBILIZATION  DOLLARS and CENTS	LS	1.000	81
	502	2001	033	BARRICADES, SIGNS AND TRAFFIC HAN- DLING  DOLLARS and CENTS	MO	21.000	82
	530	2006	006	INTERSECTIONS (SURF TREAT)  DOLLARS and CENTS	SY	2,059.000	83
	530	2010	006	DRIVEWAYS (CONC)  DOLLARS and CENTS	SY	172.000	84
	530	2011	006	DRIVEWAYS (ACP)  DOLLARS and CENTS	SY	4,784.000	85
	530	2018	006	TURNOUTS (SURF TREAT)  DOLLARS and CENTS	SY	1,784.000	86
	530	2050	006	DRIVEWAYS (SURF TREAT) (TYPE 1)  DOLLARS and CENTS	SY	13,681.000	87

ALT	ITEM-CODE			UNIT BID PRICE ONLY. WRITTEN IN WORDS	UNIT	APPROX QUANTITIES	DEPT USE ONLY
	ITEM NO	DESC CODE	S.P. NO.				
	530	2051	006	DRIVEWAYS (SURF TREAT) (TYPE 2) DOLLARS and CENTS	SY	735.000	88
	540	2001	031	MTL W-BEAM GD FEN (TIM POST) DOLLARS and CENTS	LF	2,850.000	89
	540	2011	031	MTL BEAM GD FEN TRANS (THRIE-BEAM) DOLLARS and CENTS	EA	8.000	90
	540	2054	031	MTL BM GD FEN (LONG SPAN SYSTEM)(TY IV) DOLLARS and CENTS	LF	200.000	91
	542	2001		REMOVING METAL BEAM GUARD FENCE DOLLARS and CENTS	LF	3,250.000	92
	542	2002		REMOVING TERMINAL ANCHOR SECTION DOLLARS and CENTS	EA	28.000	93
	544	2001		GUARDRAIL END TREATMENT (INSTALL) DOLLARS and CENTS	EA	24.000	94
	544	2003		GUARDRAIL END TREATMENT (REMOVE) DOLLARS and CENTS	EA	8.000	95
	560	2004	001	MAILBOX INSTALL-S (WC-POST) TY 3 FND DOLLARS and CENTS	EA	57.000	96
	560	2005	001	MAILBOX INSTALL-D (WC-POST) TY 3 FND DOLLARS and CENTS	EA	7.000	97

ALT	ITEM-CODE			UNIT BID PRICE ONLY. WRITTEN IN WORDS	UNIT	APPROX QUANTITIES	DEPT USE ONLY
	ITEM NO	DESC CODE	S.P. NO.				
	560	2024	001	MAILBOX INSTALL-M(TWG-POST)TY 2 FND DOLLARS and CENTS	EA	5.000	98
	644	2001		IN SM RD SN SUP&AM TY10BWG(1)SA(P) DOLLARS and CENTS	EA	22.000	99
	644	2004		IN SM RD SN SUP&AM TY10BWG(1)SA(T) DOLLARS and CENTS	EA	6.000	100
	644	2006		IN SM RD SN SUP&AM TY10BWG(1)SA(U) DOLLARS and CENTS	EA	1.000	101
	644	2025		IN SM RD SN SUP&AM TYS80(1)SA(T) DOLLARS and CENTS	EA	1.000	102
	644	2027		IN SM RD SN SUP&AM TYS80(1)SA(U) DOLLARS and CENTS	EA	1.000	103
	644	2060		REMOVE SM RD SN SUP & AM DOLLARS and CENTS	EA	162.000	104
	644	2081		IN SM RD SN SUP&AM TYTWT(1)WS(P) DOLLARS and CENTS	EA	224.000	105
	644	2082		IN SM RD SN SUP&AM TYTWT(1)WS(T) DOLLARS and CENTS	EA	12.000	106
	658	2261		INSTL DEL ASSM (D-SW)SZ (TYC)GF1(BI) DOLLARS and CENTS	EA	20.000	107
	658	2316		INSTL OM ASSM (OM-2Z)(FLX)GND DOLLARS and CENTS	EA	158.000	108

ALT	ITEM-CODE			UNIT BID PRICE ONLY. WRITTEN IN WORDS	UNIT	APPROX QUANTITIES	DEPT USE ONLY
	ITEM NO	DESC CODE	S.P. NO.				
	662	2030		WK ZN PAV MRK NON-REMOV (Y) 4" (BRK) DOLLARS and CENTS	LF	10,507.000	109
	662	2032		WK ZN PAV MRK NON-REMOV (Y) 4" (SLD) DOLLARS and CENTS	LF	99,658.000	110
	662	2115		WK ZN PAV MRK SHT TERM (TAB) TY Y-2 DOLLARS and CENTS	EA	11,520.000	111
	666	2048		REFL PAV MRK TY I (W) 24"(SLD)(100MIL) DOLLARS and CENTS	LF	568.000	112
	672	2015	034	REFL PAV MRKR TY II-A-A DOLLARS and CENTS	EA	1,790.000	113
	1122	2001	001	ROCK FILTER DAMS (INSTALL) (TY 1) DOLLARS and CENTS	LF	1,260.000	114
	1122	2009	001	ROCK FILTER DAMS (REMOVE) DOLLARS and CENTS	LF	1,260.000	115
	1122	2037	001	TEMPORARY SEDIMENT CONTROL FENCE INSTLL DOLLARS and CENTS	LF	3,660.000	116
	1122	2057	001	TEMPORARY SEDIMENT CONTROL FENCE REMOVE DOLLARS and CENTS	LF	3,660.000	117
	5261	2001		GEOGRID REINFORCEMENT (TY I) DOLLARS and CENTS	SY	48,523.000	118

ALT	ITEM-CODE			UNIT BID PRICE ONLY. WRITTEN IN WORDS	UNIT	APPROX QUANTITIES	DEPT USE ONLY
	ITEM NO	DESC CODE	S.P. NO.				
	8251	2006	005	RE PM W/RET REQ TY I(W)4"(SLD)(100MIL) DOLLARS and CENTS	LF	152,348.000	119
	8251	2015	005	RE PM W/RET REQ TY I(Y)4"(BRK)(100MIL) DOLLARS and CENTS	LF	10,507.000	120
	8251	2018	005	RE PM W/RET REQ TY I(Y)4"(SLD)(100MIL) DOLLARS and CENTS	LF	99,658.000	121

**Project Number:** STP 2015 (309)

**Sheet:**

**County:** GRAYSON

**Control:** 0510-01-026

**Highway:** FM 902

## **GENERAL NOTES**

### **GENERAL**

This project contains the following modified standard sheets PM(3)-12(MOD), TYPE T131RC(MOD), & T202TR(MOD).

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 shall be approved. Give at least 48 hours notification prior to stockpiling material.

Maintain the existing pavement surface, markings and signs 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 Article 5.6.C Method C.

#### **Item 7 ~ Legal Relations and Responsibilities:**

Designate a company representative to receive and resolve damage claims from the public. This person must be available to receive calls during normal business hours, Monday through Friday, during the course of this project. Prior to beginning work, this person's name, mailing address, and toll-free telephone number will be furnished. This information will be made available to persons who contact the department with claims. Each complainant will receive written notification of the carrier's response.

The Contractor's name with a toll-free phone number of the contact person shall be posted at the beginning and end of the project for view by approaching and departing traffic. Isolated construction areas require sign placement in close proximity to the work area as directed. Expenses for sign procurement, installation, removal and incidentals for this work shall be subsidiary to the various bid items in this project.

**Item 8 ~ Prosecution and Progress:**

Before beginning work on this project submit in writing, for approval, a plan of construction operations outlining in detail a sequence of work to be followed.

Working days will be computed and charged in accordance with Article 8.3.A.4 Standard Work Week.



~~Limit pavement widening operations to one roadway side and rework/construction to completed two mile sections.~~

This project includes SP 008 ---007 which allows up to a 90 day delay to begin work on the project.

**Item 9 ~ Measurement and Payment:**

Provide all measurements required for pay a minimum of 2 days before trucks are used in accordance with Article 9.1.B, "Volume Measurement."

**Item 100 ~ Preparing Right of Way:**

Remove all trees and underbrush 40 foot from centerline on both sides of roadway. Any trees to be retained will be selected by Engineer. Neatly trim trees to produce a 60' vertical clear area. Remove any trees or underbrush that interferes with any construction operation, including relocation of ditches or other drainage elements. 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. Grind tree stumps to 12" below ground surface.

**Item 104 ~ Removing Concrete:**

Concrete curb removal at FM 901 intersection ~ backfill removed curb with salvage flexible base when reworking the 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.

Channel excavation extent will be determined by the Engineer.

**Item 112 ~ Subgrade Widening:**

Limit daily subgrade widening operations to the amount of base widening (proposed depth) that can be completed daily.

All pavement edge drop-offs, at end of day, shall be backfilled in accordance with the "Treatment for Various Edge Conditions" sheet. Backfill material shall be approved by the Engineer.

**Item 132 ~ Embankment:**

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



**Project Number:** STP 2015 (309)

**Sheet:**

**County:** GRAYSON

**Control:** 0510-01-026

**Highway:** FM 902

Embankment sources containing sulfates that meets 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. 0 – 3,000 ppm of sulfates - no restrictions, Greater than 3,000 ppm sulfates – do not bring this soil onto project.

Use TY B embankment. Rock embankment is excluded backfill. Salvage topsoil and place topsoil over embankment. Topsoil salvage and placement will be subsidiary to this Item.

Channel excavation locations will be determined by the Engineer.

**Item 152 ~ Road Grader Work:**

Use road grader work to windrow sod (6” depth), construct slopes, prepare driveways for surfacing, backfill culvert SET’s, grade ditches and channels as necessary to re-establish drainage flow lines and redistribute sod on finished slopes.

Cut ditches to proposed grade in the immediate vicinity of cross drain structures prior to placing Storm Water BMP devices at the early stages of the project.

If excess material is generated under this item, it may be utilized to construct slopes, or wasted as approved.

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

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

**Item 168 ~ Vegetative Watering:**

Use water trucks equipped with a sprinkler system adequate to permit coverage of the entire seeded area from the roadbed. This equipment must be available to perform watering throughout the duration of vegetative establishment.

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 shall contain not more than one (1) percent 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.



~~Areas with deep asphaltic patching or widening will require processing and relocation operations to incorporate additional flex base to reduce the asphaltic material ratio to a 50% maximum by volume. This work will be subsidiary to this Item.~~



Areas with deep asphaltic patching or widening will require a higher cement concentration to obtain the minimum flex base strength specified in Item 275. The additional cement quantity will be determined by the Engineer. The target cement concentration indicated on the typical section is based upon 50% maximum RAP in the flex base.

In the existing roadway, there is an existing 250 foot section with Geogrid installed in the flex base (Approximate station 1400+40 to 1402+90).

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, according to the transition details shown in the plans. This removal will not be paid for directly, but will be considered subsidiary to the various bid items. Excess subgrade material generated by these transitions may be utilized to construct slopes, or wasted as approved.

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

Subgrade, embankment or backfill suspected of containing sulfates will be tested in accordance with Tex-145-E by the Department. Subgrade, embankment or backfill material within one foot of any area to be treated using cement is subject to the following restriction:

Greater than 7,000 ppm – Do not treat with any cement or other calcium based stabilizers. Material within one foot of any area to be treated with cement or other calcium based stabilizers must be removed or processed as directed.



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Cement stabilized flex base strength requirement is 300 psi minimum (7 day unconfined compressive strength).

Microcrack where flex base widths accept a full width roller. After compaction, the cement treated base shall be kept wet for a period of 24 to 48 hours (extreme cold may require longer period). During this time, but not sooner than 24 hours, the finished course shall be rolled with a vibratory roller to induce microcracking. The vibratory roller shall be type C with a static weight equal to or more than 12 tons and the vibratory drum shall be not less than 20 inches wide. The roller shall travel at a speed of 2 mph, vibrating at maximum amplitude, and make 2 to 4 passes with 100% coverage exclusive of the outside 1 foot of the surface crown, unless otherwise directed by the Engineer. Additional passes may be required to achieve the desired crack pattern as directed by the Engineer.

After completion of the microcracking, cure the section shall be cured for a period of 48 hours. Curing shall be as described in Item 275.

**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:**

Locate aggregate stockpile at: FM 902/Saunders Lane, FM 902/McDonald Road.

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.

**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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**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	3
Aggr. Rate (CY/SY)	1:125	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)	1:125	

\* 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

**Item 354 ~ Planing and Texturing Pavement:**

Remove existing seal coat applications from bridge deck – use caution to not damage the concrete bridge deck.

During the planing operation, maintain the existing centerline stripe for overnight traffic operations unless full width planing is accomplished in one day. Plane all vertical longitudinal faces with a 3:1 slope to meet Edge Condition I as shown on sheet “Worksheet for Edge Condition Treatment Types”.

The contractor shall dispose of millings (material - multiple seal coats).

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

Excavation and backfill for bridge, culvert and Safety End Treatment construction/installation will be subsidiary to Item 430, 460, 462, 464 and 472.

**Item 402 ~ Trench Excavation Protection:**

Ensure that trench side protection is provided as necessary for conditions.

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**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.

**Item 430 ~ Extending Concrete Structures:**



Excavation, backfill embankment, cut and restore pavement, ~~temporary shoring~~, labor, materials, etc. required to reconstruct the structure over the required lap length (Item 440) will be subsidiary to the Item 430 extension pay length indicated in the plans.

~~Restore pavement with compacted salvage flex base and 6" depth of HMAC surface.~~

Contractor has the option of performing the culvert extensions ahead of the roadway rehabilitation work. In these areas, restore the pavement surface with a minimum of 2" of hot mix. This work will not be paid for directly but will be considered subsidiary.

Removal and disposal of headwalls and wing walls will be subsidiary to this Item.

**Item 432 ~ Riprap:**

The Engineer may adjust placement of riprap in the field.

Filter fabric required for stone riprap.

**Item 450 ~ Railing:**

Removal of existing railing will be subsidiary to this Item.

Deliver and Stockpile salvaged bridge rail to the Sherman Area Office, 3904 US 75 South, Sherman TX.

Ensure that no rail ends are left exposed overnight.

**Item 464 ~ Reinforced Concrete Pipe**



Excavation, backfill embankment, cut and restore pavement, ~~temporary shoring~~, pipe saw cutting, labor, materials, etc. will be subsidiary to this Item.



Contractor has the option of performing the culvert extensions ahead of the roadway rehabilitation work. In these areas, restore the pavement surface with a minimum of 2" of hot mix. This work will not be paid for directly but will be considered subsidiary.

~~Restore pavement with compacted salvage flex base and 6" depth of HMAC surface.~~



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~~During culvert replacement operations provide trench end (roadway) protection as necessary for all trench depths. This work will be subsidiary to this Item.~~

**Item 467 ~ Safety End Treatment:**

Parallel pipe culverts ~ 30" diameter and smaller require precast SETs.

Riprap aprons for precast SETs are not required.

Repair damage culvert ends prior to SET installation. Straighten CMP ends by straightening or cutting off damaged ends. Paint cut off ends with zinc rich paint. Repair minor damaged RCP ends with epoxy mortar. This work will be subsidiary to this Item.

On existing CMP culverts ~ for mitered metal ends, construct concrete cast in place SETs or remove the miter ends and install/construct SETs.

Placement of concrete Riprap apron between wing walls on culverts will be subsidiary to this Item.

During SET installation, match SET flow line grade with the culvert flow line grade.

During SET installation culvert pipe will be removed at some locations as indicated in the plans. If necessary relocate and/or saw cut pipe to allow for proposed SET installation. This work will be subsidiary to this Item.

Unless shown in the plans to obtain from offsite source, obtain SET backfill from ROW and perform grading to shape ditch to SET, per Engineers directions. This work will be subsidiary to this Item.

Removal and disposal of non-standard headwalls, wingwalls and SET's will be subsidiary to this Item.

**Item 472 ~ Removing and Re-Laying Culvert and Storm Drain Pipe:**



~~Required excavation and backfill embankment will be subsidiary to this item. Obtain backfill from ROW unless indicated in the plans.~~

~~Saw cutting of pipe will be subsidiary to this item.~~



Excavation, backfill embankment, cut and restore pavement, pipe saw cutting, labor, materials, etc. will be subsidiary to this Item. Obtain backfill from ROW unless indicated in the plans.

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

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



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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 noted on the Traffic Control Device Inspection Form 599 as soon as possible, but no later than 5 days after notification. Failure to make corrections within 5 days may result in no payment for this Item for the month of the noted deficiency.

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.

Ensure that both travel lanes are open at night.

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

Provide Portable Traffic Signals per Standard TCP (2-8)-12. Portable Traffic Signals will be subsidiary to Item 502.

Provide pilot car during one lane/two way traffic operations.



~~Shadow vehicles required when indicated on Standard Sheets.~~

**Item 530 ~ Intersections, Driveways and Turnouts:**

Public Road/driveway modification limits may be adjusted in the field.

Dirt driveway shaping/construction will be subsidiary to the Excavation, Embankment and Subgrade widening items.



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**Item 540 ~ Metal Beam Guard Fence:**

Salvage existing components on this project for reuse when up to current standards. Provide rail, posts, hardware, blockouts and incidentals as necessary when salvaged components are damaged or do not meet current standards. Existing posts may not meet current standard for length, etc.

Ensure that no blunt rail ends are left exposed overnight.

**Item 542 ~ Removing Metal Beam Guard Fence:**

Salvage existing components on this project for reuse when up to current standards. Stockpile usable salvaged MBGF at Sherman Area Office, 3904 US 75 South, Sherman, TX.

Ensure that no blunt rail ends are left exposed overnight.

**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.

Temporarily relocate and maintain mailboxes and newspaper receptacles during construction. This work will be subsidiary to this Item.

**Item 644 ~ Small Roadside Sign Supports and Assemblies:**

Salvage existing sign support components that are in good condition and meet current TXDOT standards. Reuse the salvaged components in proposed sign assemblies.

Upon removal of sign assemblies, deliver sign faces to the Sherman Area Office, 3904 US 75 South, Sherman TX. Dispose of foundations, posts, and hardware.

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

Once the cover prime is completed, the Paris District Traffic Operations office will field verify the need and spacing of chevrons. If this verification results in fewer materials, the Paris District will purchase the excess signs at invoice price.

**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.



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**Item 666 and 8251 Reflectorized Pavement Markings:**

No 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.

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

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

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

Before sign manufacture, contact the Engineer to obtain updated curve travel speeds for curve warning signs.

**Item 1122 ~ 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.

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 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



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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 3267 Dense-Graded Hot-Mix Asphalt (Small Quantity):**

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

The target lab molded density is 96.5%.

**Item 5261 Geogrid Reinforcement:**

Provide geogrid material in 13' widths. Do not turn rubber tire equipment on Geogrid. Keep Geogrid taut and flat, and correct Geogrid deformation waves as they occur. Prevent damage to Geogrid by subsequent construction operations.



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PROJECT : STP 2015(309)  
HIGHWAY : FM 902  
COUNTY : GRAYSON

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 JUNE 1, 2004.  
STANDARD SPECIFICATIONS ARE INCORPORATED  
INTO THE CONTRACT BY REFERENCE.

ITEMS 1 TO 9 INCL., GENERAL REQUIREMENTS AND COVENANTS  
ITEM 100 PREPARING RIGHT OF WAY (103)  
ITEM 104 REMOVING CONCRETE  
ITEM 110 EXCAVATION (132)  
ITEM 112 SUBGRADE WIDENING (132)(204)  
ITEM 134 BACKFILLING PAVEMENT EDGES (162)(166)(168)(300)(314)  
ITEM 152 ROAD GRADER WORK (110)(132)(150)  
ITEM 164 SEEDING FOR EROSION CONTROL (162)(166)(168)  
ITEM 168 VEGETATIVE WATERING  
ITEM 216 PROOF ROLLING (210)  
ITEM 247 FLEXIBLE BASE (105)(204)(210)(216)(520)  
ITEM 251 REWORKING BASE COURSES (210)(216)(247)(520)  
ITEM 275 CEMENT TREATMENT (ROAD-MIXED) (132)(204)(210)(216)(247)  
(300)(310)(520)  
ITEM 316 SURFACE TREATMENTS (210)(300)(302)  
ITEM 354 PLANING AND TEXTURING PAVEMENT  
ITEM 402 TRENCH EXCAVATION PROTECTION  
ITEM 403 TEMPORARY SPECIAL SHORING (423)  
ITEM 416 DRILLED SHAFT FOUNDATIONS (420)(421)(440)(448)  
ITEM 430 EXTENDING CONCRETE STRUCTURES (420)(421)(440)(448)  
ITEM 432 RIPRAP (247)(420)(421)(427)(431)(440)  
ITEM 450 RAILING (420)(421)(424)(440)(441)(442)(445)(446)(448)  
(540)  
ITEM 464 REINFORCED CONCRETE PIPE (400)(476)  
ITEM 466 HEADWALLS AND WINGWALLS (400)(420)(421)(430)(440)(464)  
ITEM 467 SAFETY END TREATMENT (400)(420)(421)(430)(432)(440)(445)  
(460)(464)  
ITEM 472 REMOVING AND RE-LAYING CULVERT AND STORM DRAIN PIPE (400)  
(460)(464)(476)  
ITEM 496 REMOVING STRUCTURES (430)

ITEM 500 MOBILIZATION  
 ITEM 502 BARRICADES, SIGNS, AND TRAFFIC HANDLING  
 ITEM 530 INTERSECTIONS, DRIVEWAYS, AND TURNOUTS (247)(260)(263)  
 (275)(276)(292)(316)(330)(334)(340)(360)(421)(440)  
 ITEM 540 METAL BEAM GUARD FENCE (421)(441)(445)(529)(542)(544)  
 ITEM 542 REMOVING METAL BEAM GUARD FENCE  
 ITEM 544 GUARDRAIL END TREATMENTS  
 ITEM 560 MAILBOX ASSEMBLIES  
 ITEM 644 SMALL ROADSIDE SIGN SUPPORTS AND ASSEMBLIES (421)(440)  
 (441)(442)(445)(634)(636)(643)(656)  
 ITEM 658 DELINEATOR AND OBJECT MARKER ASSEMBLIES (445)  
 ITEM 662 WORK ZONE PAVEMENT MARKINGS (666)(668)(672)(677)  
 ITEM 666 REFLECTORIZED PAVEMENT MARKINGS (316)(318)(662)(677)(678)  
 ITEM 672 RAISED PAVEMENT MARKERS

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 "NOTICE TO ALL BIDDERS" (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---006)  
 SPECIAL PROVISION "CERTIFICATION OF NONDISCRIMINATION IN EMPLOYMENT"  
 (000---009)  
 SPECIAL PROVISION "DEPARTMENT DIVISION MAILING AND PHYSICAL ADDRESS"  
 (000---011)  
 SPECIAL PROVISION "NOTICE OF CHANGES TO U.S. DEPARTMENT OF LABOR  
 REQUIRED PAYROLL INFORMATION" (000--1483)  
 SPECIAL PROVISION "ON-THE-JOB TRAINING PROGRAM" (000--2638)  
 SPECIAL PROVISION "DISADVANTAGED BUSINESS ENTERPRISE IN FEDERAL AID  
 CONTRACTS" (000--1966)  
 SPECIAL PROVISION "PARTNERING" (000--2329)  
 SPECIAL PROVISION "SCHEDULE OF LIQUIDATED DAMAGES" (000--2332)  
 SPECIAL PROVISION "NONDISCRIMINATION" (000--2607)  
 SPECIAL PROVISION "IMPORTANT NOTICE TO CONTRACTORS" (000--2839)  
 SPECIAL PROVISION TO ITEM 1 (001---015)  
 SPECIAL PROVISION TO ITEM 2 (002---017)  
 SPECIAL PROVISION TO ITEM 3 (003---033)  
 SPECIAL PROVISION TO ITEM 4 (004---017)  
 SPECIAL PROVISION TO ITEM 5 (005---004)  
 SPECIAL PROVISIONS TO ITEM 6 (006---030)(006---047)  
 SPECIAL PROVISION TO ITEM 7 (007---918)  
 SPECIAL PROVISIONS TO ITEM 8 (008---007)(008---119)  
 SPECIAL PROVISIONS TO ITEM 9 (009---009)(009---015)  
 SPECIAL PROVISION TO ITEM 100 (100---002)  
 SPECIAL PROVISION TO ITEM 161 (161---006)  
 SPECIAL PROVISION TO ITEM 164 (164---002)

SPECIAL PROVISION TO ITEM 166 (166---001)  
 SPECIAL PROVISION TO ITEM 247 (247---039)  
 SPECIAL PROVISION TO ITEM 260 (260---003)  
 SPECIAL PROVISION TO ITEM 275 (275---003)  
 SPECIAL PROVISION TO ITEM 300 (300---039)  
 SPECIAL PROVISION TO ITEM 302 (302---010)  
 SPECIAL PROVISION TO ITEM 316 (316---016)  
 SPECIAL PROVISION TO ITEM 318 (318---010)  
 SPECIAL PROVISION TO ITEM 330 (330---001)  
 SPECIAL PROVISION TO ITEM 340 (340---003)  
 SPECIAL PROVISION TO ITEM 360 (360---013)  
 SPECIAL PROVISION TO ITEM 420 (420---002)  
 SPECIAL PROVISION TO ITEM 421 (421---035)  
 SPECIAL PROVISION TO ITEM 424 (424---003)  
 SPECIAL PROVISION TO ITEM 431 (431---001)  
 SPECIAL PROVISION TO ITEM 440 (440---006)  
 SPECIAL PROVISION TO ITEM 441 (441---008)  
 SPECIAL PROVISION TO ITEM 442 (442---016)  
 SPECIAL PROVISION TO ITEM 448 (448---002)  
 SPECIAL PROVISION TO ITEM 450 (450---001)  
 SPECIAL PROVISION TO ITEM 464 (464---006)  
 SPECIAL PROVISION TO ITEM 476 (476---003)  
 SPECIAL PROVISION TO ITEM 500 (500---011)  
 SPECIAL PROVISION TO ITEM 502 (502---033)  
 SPECIAL PROVISION TO ITEM 530 (530---006)  
 SPECIAL PROVISION TO ITEM 540 (540---031)  
 SPECIAL PROVISION TO ITEM 560 (560---001)  
 SPECIAL PROVISION TO ITEM 636 (636---014)  
 SPECIAL PROVISION TO ITEM 643 (643---001)  
 SPECIAL PROVISION TO ITEM 672 (672---034)  
 SPECIAL PROVISION TO SPECIAL SPECIFICATION ITEM 1122 (1122--001)  
 SPECIAL PROVISION TO SPECIAL SPECIFICATION ITEM 8251 (8251--005)

SPECIAL SPECIFICATIONS:

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 ITEM 1122 TEMPORARY EROSION, SEDIMENTATION, AND ENVIRONMENTAL  
 CONTROLS (161)(432)(556)  
 ITEM 5261 GEOGRID BASE REINFORCEMENT  
 ITEM 8094 MOBILE RETROREFLECTIVITY DATA COLLECTION FOR PAVEMENT  
 MARKINGS  
 ITEM 8251 REFLECTORIZED PAVEMENT MARKINGS WITH RETROREFLECTIVE  
 REQUIREMENTS (316)(318)(502)(677)(678)(8094)

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.