

NOTIFICATION OF ADDENDUM

ADDENDUM NO. 1

DATED 10/29/2015

Control	0760-01-024
Project	BR 2016(311)
Highway	FM 1038
County	COTTLE

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: BR 2016(311)

CONTROL: 0760-01-024

COUNTY: COTTLE

LETTING: 11/03/2015

REFERENCE NO: 1028

PROPOSAL ADDENDUMS

-
- PROPOSAL COVER
 - BID INSERTS (SH. NO.: 3-5)
 - GENERAL NOTES (SH. NO.: ALL)

 - 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 3-5, QUANTITIES FOR ITEM 508 6001, 552-6003, REVISED
ALL GENERAL NOTES HAVE BEEN REPLACED
PLAN SHEETS 4-7 ALL GENERAL NOTES HAVE BEEN REPLACED
PLAN SHEET 8 REVISED QUANTITIES
PLAN SHEET 9 REVISED QUANTITIES
PLAN SHEET 10 REVISED QUANTITIES
PLAN SHEET 11 REPLACED SHEET FOR UPDATED CHAIN DESCRIPTION
PLAN SHEET 12 REPLACED SHEET FOR UPDATED ALIGNMENT AND QUANTITIES
PLAN SHEET 13 REPLACED SHEET FOR UPDATED ALIGNMENT
PLAN SHEET 14-22 REPLACED SHEETS FOR UPDATED ALIGNMENT
PLAN SHEET 48 REPLACED SHEET FOR UPDATED ALIGNMENT
PLAN SHEET 100 REPLACED SHEET FOR UPDATED ALIGNMENT

ALT	ITEM-CODE			UNIT BID PRICE ONLY. WRITTEN IN WORDS	UNIT	APPROX QUANTITIES	DEPT USE ONLY
	ITEM NO	DESC CODE	S.P. NO.				
	110	6001		EXCAVATION (ROADWAY) DOLLARS and CENTS	CY	55.000	1
	110	6002		EXCAVATION (CHANNEL) DOLLARS and CENTS	CY	101.000	2
	132	6004		EMBANKMENT (FINAL)(DENS CONT)(TY B) DOLLARS and CENTS	CY	2,043.000	3
	134	6004		BACKFILL (TY A OR B) DOLLARS and CENTS	STA	7.000	4
	164	6022		CELL FBR MLCH SEED(PERM)(RURAL)(SANDY) DOLLARS and CENTS	AC	3.110	5
	164	6030		CELL FBR MLCH SEED(TEMP)(WARM) DOLLARS and CENTS	AC	1.550	6
	164	6032		CELL FBR MLCH SEED(TEMP)(COOL) DOLLARS and CENTS	AC	1.550	7
	168	6001		VEGETATIVE WATERING DOLLARS and CENTS	MG	122.000	8
	216	6001		PROOF ROLLING DOLLARS and CENTS	HR	4.000	9
	247	6279		FL BS (CMP IN PLC)(TY E GR 4)(10") DOLLARS and CENTS	SY	2,215.000	10
	310	6009		PRIME COAT (MC-30) DOLLARS and CENTS	GAL	444.000	11

ALT	ITEM-CODE			UNIT BID PRICE ONLY. WRITTEN IN WORDS	UNIT	APPROX QUANTITIES	DEPT USE ONLY
	ITEM NO	DESC CODE	S.P. NO.				
	316	6017		ASPH (AC-20-5TR) DOLLARS and CENTS	GAL	887.000	12
	316	6126		AGGR(TY-PB GR-4 SAC-A) DOLLARS and CENTS	CY	21.000	13
	354	6048		PLANE ASPH CONC PAV (3") DOLLARS and CENTS	SY	1,557.000	14
	416	6004		DRILL SHAFT (36 IN) DOLLARS and CENTS	LF	172.000	15
	420	6014		CL C CONC (ABUT)(HPC) DOLLARS and CENTS	CY	32.600	16
	422	6002		REINF CONC SLAB (HPC) DOLLARS and CENTS	SF	1,700.000	17
	422	6016		APPROACH SLAB (HPC) DOLLARS and CENTS	CY	52.600	18
	425	6035		PRESTR CONC GIRDER (TX28) DOLLARS and CENTS	LF	198.010	19
	432	6035		RIPRAP (STONE PROTECTION)(24 IN) DOLLARS and CENTS	CY	68.500	20
	432	6045		RIPRAP (MOW STRIP)(4 IN) DOLLARS and CENTS	CY	15.000	21
	450	6007		RAIL (TY T223)(HPC) DOLLARS and CENTS	LF	132.000	22
	454	6004		ARMOR JOINT (SEALED) DOLLARS and CENTS	LF	64.000	23

ALT	ITEM-CODE			UNIT BID PRICE ONLY. WRITTEN IN WORDS	UNIT	APPROX QUANTITIES	DEPT USE ONLY
	ITEM NO	DESC CODE	S.P. NO.				
	496	6009		REMOV STR (BRIDGE 0 - 99 FT LENGTH) DOLLARS and CENTS	EA	1.000	24
	500	6001		MOBILIZATION DOLLARS and CENTS	LS	1.000	25
	502	6001		BARRICADES, SIGNS AND TRAFFIC HAN- DLING DOLLARS and CENTS	MO	6.000	26
	506	6001	001	ROCK FILTER DAMS (INSTALL) (TY 1) DOLLARS and CENTS	LF	75.000	27
	506	6011	001	ROCK FILTER DAMS (REMOVE) DOLLARS and CENTS	LF	75.000	28
	506	6042	001	BIODEG EROSN CONT LOGS (INSTL) (18") DOLLARS and CENTS	LF	200.000	29
	508	6001		CONSTRUCTING DETOURS DOLLARS and CENTS	SY	3,510.000	30
	540	6006		MTL BEAM GD FEN TRANS (THRIE-BEAM) DOLLARS and CENTS	EA	4.000	31
	542	6002		REMOVE TERMINAL ANCHOR SECTION DOLLARS and CENTS	EA	4.000	32
	544	6007		GDRAIL END TRT(INSTALL)(HBA POST) DOLLARS and CENTS	EA	4.000	33
	552	6003		WIRE FENCE (TY C) DOLLARS and CENTS	LF	1,227.000	34
	552	6008		WIRE FENCE (WATER GAP) DOLLARS and CENTS	LF	60.000	35

ALT	ITEM-CODE			UNIT BID PRICE ONLY. WRITTEN IN WORDS	UNIT	APPROX QUANTITIES	DEPT USE ONLY
	ITEM NO	DESC CODE	S.P. NO.				
	644	6071		RELOCATE SM RD SN SUP&AM TY TWT DOLLARS and CENTS	EA	1.000	36
	658	6014		INSTL DEL ASSM (D-SW)SZ (BRF)CTB (BI) DOLLARS and CENTS	EA	10.000	37
	658	6016		INSTL DEL ASSM (D-SW)SZ (BRF)GF1 (BI) DOLLARS and CENTS	EA	28.000	38
	658	6060		REMOVE DELIN & OBJECT MARKER ASSMS DOLLARS and CENTS	EA	14.000	39
	662	6048		WK ZN PAV MRK REMOV (REFL) TY I-C DOLLARS and CENTS	EA	120.000	40
	662	6050		WK ZN PAV MRK REMOV (REFL) TY II-A-A DOLLARS and CENTS	EA	280.000	41
	662	6056		WK ZN PAV MRK REMOV (TRAF BTN) TY W DOLLARS and CENTS	EA	360.000	42
	662	6058		WK ZN PAV MRK REMOV (TRAF BTN) TY Y DOLLARS and CENTS	EA	840.000	43
	666	6303		RE PM W/RET REQ TY I (W)4"(SLD)(100MIL) DOLLARS and CENTS	LF	1,500.000	44
	666	6312		RE PM W/RET REQ TY I (Y)4"(BRK)(100MIL) DOLLARS and CENTS	LF	20.000	45
	666	6315		RE PM W/RET REQ TY I (Y)4"(SLD)(100MIL) DOLLARS and CENTS	LF	475.000	46
	677	6001		ELIM EXT PAV MRK & MRKS (4") DOLLARS and CENTS	LF	632.000	47

PROJECT BR 2016(311)
 COUNTY COTTLE

Proposal Sheet
 TxDOT
 FORM 234-B I-61-5M

ALT	ITEM-CODE			UNIT BID PRICE ONLY. WRITTEN IN WORDS	UNIT	APPROX QUANTITIES	DEPT USE ONLY
	ITEM NO	DESC CODE	S.P. NO.				
	6001	6002		PORTABLE CHANGEABLE MESSAGE SIGN DOLLARS and CENTS	EA	2.000	48

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GENERAL NOTES AND SPECIFICATION DATA:

BASIS FOR ESTIMATE		
ITEM	DESCRIPTION	RATE
150	BLADING	1 HR/2000 FT
166	FERTILIZER	100 LBS NITROGEN/ACRE*
168	VEGETATIVE WATERING	39,000 GAL/ACRE
310	PRIME (MC-30)	0.30 GAL/SY
314	EMULSIFIED ASPH (CSS-1H)(EROSION CONTROL)	0.20 GAL/SY
316	ASPHALT (CRS-2)	0.45 GAL/SY
316	AGGREGATE (TY B, GR 4)(SAC-A)	1:115 CY/SY
341	D-GR-HMA TY-D SAC-A PG76-28	110 LBS/SY/INCH
341	D-GR-HMA TY-B PG70-22	110 LBS/SY/INCH

*FOR CONTRACTOR'S INFORMATION ONLY, WILL NOT BE PAID FOR DIRECTLY BUT WILL BE SUBSIDIARY TO PERTINENT BID ITEMS.

QUESTIONS PRIOR TO LETTING SHALL BE SUBMITTED BY E-MAIL TO THE NAMES INDICATED BELOW AND WILL BE ANSWERED BY E-MAIL ONLY:

JACEN LEMONS, P.E.: JACEN.LEMONS@TXDOT.GOV
CHRIS REED, P.E.: CHRIS.REED@TXDOT.GOV

A FILE CONTAINING THESE QUESTIONS AND ANSWERS WILL BE AVAILABLE FOR REVIEW AT THE AREA ENGINEERS OFFICE.

PRIOR TO BEGINNING WORK, THE CONTRACTOR AND TXDOT WILL HOLD A PROJECT SAFETY MEETING TO DISCUSS WORK ZONE SAFETY, THE PROJECT'S TRAFFIC CONTROL PLAN, AND ANY OTHER PROJECT SAFETY ISSUES. ALL SUBCONTRACTORS WILL BE REQUIRED TO ATTEND THIS SAFETY MEETING.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR DISPOSAL OF ALL LITTER AND CONSTRUCTION DEBRIS GENERATED BY THE WORK UNDER THIS CONTRACT. DISPOSAL SHALL BE IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL PROCEDURES. UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR DISPOSE OF THE LITTER OR CONSTRUCTION DEBRIS IN THE RIGHT OF WAY.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGES THAT OCCUR TO EXISTING APPURTENANCES CAUSED BY THE CONTRACTOR'S EQUIPMENT AND/OR PERSONNEL. ANY DAMAGES CAUSED BY THE CONTRACTOR SHALL BE REPAIRED IMMEDIATELY TO THEIR ORIGINAL OR BETTER CONDITION AT THE CONTRACTOR'S EXPENSE.

EGRESS AND INGRESS WILL BE MAINTAINED AT ALL TIMES.

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MAINTAIN THE ENTIRE ROADWAY, INCLUDING THE DETOUR, WITHIN THE PROJECT LIMITS DURING CONSTRUCTION OPERATIONS. MAKE REPAIRS DEEMED NECESSARY BY THE ENGINEER AT THE CONTRACTOR'S EXPENSE.

CAREFULLY REMOVE SIGNS AFFECTED BY THE CONSTRUCTION AND PROPERLY STORE THEM FOR LATER REINSTALLATION. ANY DAMAGE TO EXISTING SIGNS WILL BE REPAIRED OR REPLACED BY THE CONTRACTOR AT HIS EXPENSE.

NO VEGETATIVE COVER WILL BE DISTURBED WITHOUT PRIOR APPROVAL. REQUIRED DISTURBANCE WILL BE KEPT TO A MINIMUM.

ANY REPAIRS MADE TO NEW HOTMIX WILL BE PERFORMED FULL LANE WIDTH OR FULL SHOULDER WIDTH AT THE CONTRACTOR'S EXPENSE.

FAILURE TO MAKE NECESSARY CORRECTIONS TO SW3P OR TRAFFIC CONTROL ITEMS BASED ON SW3P OR BARRICADE INSPECTIONS MAY BE CAUSE FOR WITHHOLDING THE MONTHLY ESTIMATE UNTIL SUCH CORRECTIONS HAVE BEEN MADE.

PROVIDE INGRESS/EGRESS TO THE ADJACENT PROPERTIES IN AREAS UNDER CONSTRUCTION. PHASED CONSTRUCTION OF DRIVEWAYS AND STREETS SHALL BE REQUIRED TO PROVIDE UNINTERRUPTED ACCESS TO ADJACENT PROPERTIES. COORDINATE WORK WITH THE PROPERTY OWNERS BEFORE BEGINNING ANY CONSTRUCTION IN THE VICINITY OF THE DRIVE.

AT THE END OF EACH WORK DAY, REALIGNMENT SECTIONS WILL BE MADE PASSABLE TO THROUGH TRAFFIC.

ITEM 5 - CONTROL OF THE WORK

CONSTRUCTION SURVEYING ON THIS CONTRACT WILL BE IN ACCORDANCE WITH ARTICLE 9.3, METHOD C".

STATIONING SHALL BE ESTABLISHED BY THE CONTRACTOR FOR THE BASE LINE OF THE ROADWAY AT 100 LINEAR FOOT INTERVALS ON TANGENT SECTIONS AND AT 50 LINEAR FOOT INTERVALS OR LESS, AS DIRECTED BY THE ENGINEER, FOR CURVE SECTIONS. STATIONING SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION.

ITEM 7 - LEGAL RELATIONS AND RESPONSIBILITIES

DO NOT INITIATE ACTIVITIES IN A PROJECT SPECIFIC LOCATION (PSL) ASSOCIATED WITH A U.S. ARMY CORPS OF ENGINEERS (USACE) PERMIT AREA THAT HAS NOT BEEN PREVIOUSLY EVALUATED BY THE USACE AS PART OF THE PERMIT REVIEW FOR THIS PROJECT. SUCH ACTIVITIES INCLUDE BUT ARE NOT LIMITED TO, HAUL ROADS, EQUIPMENT STAGING AREAS, BORROW AND DISPOSAL SITES. "ASSOCIATED", AS DEFINED HEREIN, INCLUDES MATERIALS DELIVERED TO OR FROM THE PSL. THE PERMIT AREA INCLUDES ALL WATERS OF THE U.S. OR ASSOCIATED WETLANDS AFFECTED BY PROJECT ACTIVITIES. SPECIAL RESTRICTIONS MAY BE REQUIRED FOR SUCH WORK. CONSULT WITH THE USACE REGARDING ACTIVITIES, INCLUDING PROJECT SPECIFIC LOCATIONS (PSLS) THAT HAVE NOT BEEN PREVIOUSLY EVALUATED BY THE USACE. PROVIDE THE DEPARTMENT WITH A COPY OF ALL CONSULTATION(S) OR APPROVAL(S) FROM THE USACE PRIOR TO INITIATING ACTIVITIES.

PROCEED WITH ACTIVITIES IN PSLs THAT DO NOT AFFECT A USACE PERMIT AREA IF A SELF DETERMINATION HAS BEEN MADE THAT THE PSL IS NON-JURISDICTIONAL OR PROPER USACE CLEARANCES HAVE BEEN OBTAINED IN JURISDICTIONAL AREAS OR HAVE BEEN PREVIOUSLY EVALUATED BY THE USACE AS PART OF THE PERMIT REVIEW FOR THIS PROJECT. DOCUMENT ANY DETERMINATION(S) THAT PROJECT ACTIVITIES DO NOT AFFECT A USACE PERMIT AREA. MAINTAIN COPIES OF DETERMINATION(S) FOR REVIEW BY THE DEPARTMENT OR ANY REGULATORY AGENCY.

DOCUMENT AND COORDINATE WITH THE USACE, IF REQUIRED, PRIOR TO ANY EXCAVATION HAULED FROM OR EMBANKMENT HAULED INTO A USACE PERMIT AREA BY EITHER (1) OR (2) BELOW.

1. RESTRICTED USE OF MATERIALS FOR THE PREVIOUSLY EVALUATED PERMIT AREAS.

DOCUMENT BOTH THE PROJECT SPECIFIC LOCATION (PSL) AND AUTHORIZATION. MAINTAIN COPIES FOR REVIEW BY THE DEPARTMENT OR ANY REGULATORY AGENCY. WHEN AN AREA WITHIN THE PROJECT LIMITS HAS BEEN EVALUATED BY THE USACE AS PART OF THE PERMIT PROCESS FOR THIS PROJECT:

- SUITABLE EXCAVATION OF REQUIRED MATERIAL IN THE AREAS SHOWN ON THE PLANS AND CROSS SECTIONS AS SPECIFIED IN ITEM 110 IS USED FOR PERMANENT OR TEMPORARY FILL (ITEM 132, EMBANKMENT) WITHIN A USACE PERMIT AREA;
- SUITABLE EMBANKMENT (ITEM 132) FROM WITHIN THE USACE PERMIT AREA IS USED AS FILL WITHIN A USACE EVALUATED AREA; AND,
- UNSUITABLE EXCAVATION OR EXCESS EXCAVATION [“WASTE”] (ITEM 110) THAT IS DISPOSED OF AT A LOCATION APPROVED BY THE ENGINEER WITHIN A USACE EVALUATED AREA.

2. CONTRACTOR MATERIALS FROM AREAS OTHER THAN PREVIOUSLY EVALUATED AREAS.

PROVIDE THE DEPARTMENT WITH A COPY OF ALL USACE COORDINATION OR APPROVAL(S) PRIOR TO INITIATING ANY ACTIVITIES FOR AN AREA WITHIN THE PROJECT LIMITS THAT HAS NOT BEEN EVALUATED BY THE USACE OR FOR ANY OFF RIGHT OF WAY LOCATIONS USED FOR THE FOLLOWING, BUT NOT LIMITED TO, HAUL ROADS, EQUIPMENT STAGING AREAS, BORROW AND DISPOSAL SITES:

- ITEM 132, EMBANKMENT, USED FOR TEMPORARY OR PERMANENT FILL WITHIN A USACE PERMIT AREA; AND,
- UNSUITABLE EXCAVATION OR EXCESS EXCAVATION [“WASTE”] (ITEM 110, EXCAVATION) THAT IS DISPOSED OF OUTSIDE A USACE EVALUATED AREA.

THE TOTAL DISTURBED AREA FOR THIS PROJECT IS 19.32 ACRES.

THE DISTURBED AREA IN THIS PROJECT, ALL PROJECT LOCATIONS IN THE CONTRACT, AND THE CONTRACTOR’S PROJECT SPECIFIC LOCATIONS (PSLS), WITHIN ONE (1) MILE OF THE PROJECT LIMITS, FOR THE CONTRACT 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. THE CONTRACTOR IS TO OBTAIN REQUIRED AUTHORIZATION FROM THE TCEQ FOR CONTRACTOR PSLs FOR CONSTRUCTION SUPPORT ACTIVITIES ON OR OFF THE ROW. WHEN THE TOTAL AREA DISTURBED IN THE CONTRACT AND PSLs WITHIN ONE (1) MILE OF THE PROJECT LIMITS EXCEEDS FIVE (5) ACRES, PROVIDE A COPY OF THE CONTRACTOR'S NOI FOR PSLs ON THE ROW TO THE ENGINEER AND TO THE LOCAL GOVERNMENT THAT OPERATES A SEPARATE STORM SEWER SYSTEM.

ITEM 8 – PROSECUTION AND PROGRESS

FOR THIS PROJECT, STANDARD WORKWEEK CHARGES WILL BE CHARGED IN ACCORDANCE WITH SECTION 8.3.1.4.

ITEM 106 – OBLITERATING ABANDONED ROAD

ALL SALVAGED PAVEMENT AND BASE MATERIAL WILL BE STOCKPILED AT THE COLLINGSWORTH COUNTY MAINTENANCE YARD.

ITEM 134 - BACKFILL PAVEMENT EDGES

THE VEGETATIVE COVER WITHIN THE AREA TO BE GRADED WILL BE BLADED TO A WINDROW OUTSIDE THE LIMITS OF THE SLOPES BEFORE BEGINNING WORK. AFTER COMPLETION OF THE FINAL ROADWAY SECTION, SPREAD THE WINDROW OVER THE ADJACENT BACKFILL. THIS WORK WILL BE SUBSIDIARY.

ALL WORK PERFORMED PRIOR TO THE FINAL SECTION WILL BE SHOULDERED UP TO MINIMUM 4:1 SLOPE AT THE END OF THE WORK DAY. PAYMENT FOR BACKFILL PAVEMENT EDGES WILL ONLY BE FOR THE FINAL ROADWAY SECTION.

THE FERTILIZER REQUIREMENT FOR SEEDING OPERATIONS WILL FULFILL THE FERTILIZER REQUIREMENT FOR THE BACKFILL. NO ADDITIONAL FERTILIZER WILL BE REQUIRED.

APPLY EMULSIFIED ASPHALT TO THE BACKFILLED MATERIAL AFTER IT HAS BEEN ROLLED AND SEEDED. EMULSIFIED ASPHALT WILL BE SUBSIDIARY TO BACKFILL PAVEMENT EDGES AS SHOWN UNDER ITEM 134.

EXISTING SLOPES MAY NOT BE UTILIZED FOR BACKFILLING EXCEPT WHERE AUTHORIZED.

USE BACKFILL WITH A PI OF 6 TO 12.

ITEM 164 – SEEDING FOR EROSION CONTROL

TEMPORARY SEEDING WILL BE REQUIRED IN SEVERAL SMALL AREAS AS WORK PROGRESSES TO COMPLY WITH THE STORM WATER POLLUTION PREVENTION PLAN AND MAY REQUIRE MULTIPLE MOBILIZATIONS OF SEEDING CREW.

ITEM 166 - FERTILIZER

ALL AREAS OF THE PROJECT WILL BE SEEDED WITH 100 POUNDS OF NITROGEN PER ACRE. FERTILIZER IS SUBSIDIARY TO PERTINENT BID ITEMS.

ITEM 314 – EMULSIFIED ASPHALT TREATMENT

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USE CSS-1H EMULSIFIED ASPHALT TREATMENT FOR EROSION CONTROL. EMULSION WILL NOT BE PAID FOR DIRECTLY BUT WILL BE CONSIDERED SUBSIDIARY TO ITEM 134.

ITEM 341 – DENSE GRADED HOT-MIX ASPHALT (QC/QA)

THE ACP DESIGN DATA FOR THIS PROJECT SHALL BE AS FOLLOWS:

DESIGN THE MIXTURE USING SUPERPAVE GYRATORY COMPACTOR (SGC) AT 50 GYRATIONS.

PROVIDE TYPE B HOT MIX ASPHALT CONCRETE WITH PG 70-22 BINDER.

PROVIDE TYPE D HOT MIX ASPHALT CONCRETE WITH PG 76-28 BINDER.

TARGET LAB MOLDED DENSITY IS 97.0%.

PROVIDE AGGREGATE MEETING A SAC REQUIREMENT OF CLASS A FOR THE TYPE D MIX

PROVIDE AGGREGATE MEETING A SAC REQUIREMENT OF CLASS B OR BETTER FOR THE TYPE B MIX.

MINIMUM REQUIREMENT FOR COARSE AGGREGATE ANGULARITY OF CRUSHED GRAVEL IS 95%.

USE HYDRATED LIME IN THE MIXTURE AT A RATE OF 1% BY WEIGHT. HOWEVER, IT MAY BE INCREASED DURING PRODUCTION IF IT IS DETERMINED THAT 1% IS NOT BEING ACHIEVED.

A MATERIAL TRANSFER VEHICLE (MTV) WILL BE REQUIRED.

THE USE OF A TAPERED LONGITUDINAL JOINT WILL BE REQUIRED FOR THE FINAL SURFACE OVERLAY.

MINERAL FILLER OTHER THAN DRIED STONE DUST MUST BE APPROVED.

MINIMUM ASPHALT CONTENT WILL BE 5%.

BINDER SUBSTITUTION WILL BE ALLOWED BUT ONLY WITH A MAXIMUM BUMP OF ONE BINDER GRADE.

THE ENGINEER MAY ADJUST THE TARGET PERCENTAGE WITHIN THE OPERATIONAL TOLERANCES OF THE JMF. SUBSEQUENT LAB DENSITY FROM THIS CHANGE WILL BECOME THE NEW TARGET LAB DENSITY.

TWO (2) VERIFICATION TESTS PER DESIGN WILL BE PERFORMED BY THE DISTRICT LAB. ADDITIONAL VERIFICATION TESTS WILL BE PAID FOR BY THE CONTRACTOR AT \$5,000 EACH.

MOISTURE CONTENT OF THE MIX WILL BE TESTED DAILY (TEX-212-F, PART II).

TEX-530-C BOIL TEST WILL BE WAIVED.

MAXIMUM CONTENT OF RECYCLED MATERIALS SHALL BE 10%. RAP INCORPORATED INTO THE MIX SHALL MEET THE REQUIREMENTS OF TABLE 1.

ALL RAP WILL BE FRACTIONATED.
RAS WILL NOT BE ALLOWED IN THE MIX DESIGN.

PRODUCTION SAMPLING: THE CONTRACTOR WILL PROVIDE A CHUTE ATTACHED TO THE SAMPLING STAND AND THE SAMPLE SPLITTER. THE SAMPLER WILL SPLIT EACH SAMPLE INTO THREE (3) EQUAL PORTIONS IN ACCORDANCE WITH TEX-200-F AND LABEL THESE PORTIONS AS "CONTRACTOR", "ENGINEER", AND "REFEREE". DELIVER THE SAMPLES TO THE APPROPRIATE LABORATORY AND DELIVER REFEREE SAMPLES TO THE ENGINEER. FOR THIS PROJECT, THE ENGINEER'S LAB WILL BE THE CHILDRESS DISTRICT LABORATORY.

ITEM 421 – HYDRAULIC CEMENT CONCRETE

THE CONTRACTOR WILL SAMPLE ALL CONCRETE AND TEST ACCORDING TO TEX-414-A OR TEX-416-A, TEX-415-A, TEX-422-A, AND TEX-447-A. CONTRACTOR PERSONNEL PERFORMING TESTING MUST BE ACI CERTIFIED. PERSONNEL PERFORMING THESE TESTS ARE SUBJECT TO DEPARTMENT APPROVAL. USE OF A COMMERCIAL LABORATORY IS PERMITTED.

THE CONTRACTOR WILL NOT BE REQUIRED TO SUPPLY COMPRESSION TESTING EQUIPMENT. TXDOT PERSONNEL WILL PERFORM THE COMPRESSION TESTING.

PROVIDE THE ENGINEER WITH ACI CERTIFICATES AND THE EMAIL ADDRESS OF TESTING PERSONNEL.

ITEM 427 - SURFACE FINISHES FOR CONCRETE

PROVIDE A SURFACE AREA I, RUB FINISH.

ITEM 467 – SAFETY END TREATMENT

THE CONTRACTOR WILL POUR AN APRON ON ALL MULTIPLE BOX CULVERTS THAT ARE TO BE TREATED WITH SAFETY END TREATMENTS. THERE WILL BE NO CONSTRUCTION JOINTS ALLOWED IN THIS FOOTING. IT SHALL BE FORMED AND Poured IN A SIMILAR MANNER AS DONE ON THE SINGLE BOX CULVERTS TREATED WITH A SAFETY END TREATMENT.

ITEM 502 - BARRICADES, SIGNS, AND TRAFFIC HANDLING

MAINTAIN TRAFFIC CONTROL DEVICES ACCORDING TO THE PLANS, TXDOT SIGN CREW FIELD BOOK AND THE TEXAS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.

AN ALTERNATE TRAFFIC CONTROL PLAN MAY BE SUBMITTED FOR CONSIDERATION.

THE CONTRACTOR'S PERSON RESPONSIBLE FOR TCP COMPLIANCE IS AVAILABLE BY LOCAL TELEPHONE AND HAS A RESPONSE TIME WITHIN 45 MINUTES.

EQUIP ALL WORK VEHICLES WITHIN 30 FEET OF THE TRAVELED WAY WITH A FUNCTIONING AMBER STROBE LIGHT OR ROTATING BEACON VISIBLE FROM ALL DIRECTIONS.

REPAIR BARRICADES WITHIN 48 HOURS AFTER BARRICADE REPORT HAS BEEN DELIVERED TO THE CONTRACTOR. FAILURE TO COMPLY WILL CEASE ALL WORK UNTIL BARRICADES ARE REPAIRED TO THE SATISFACTION OF THE DEPARTMENT. FAILURE TO COMPLY MAY ALSO BE CAUSE FOR WITHOLDING A MONTH OF BARRICADES AS DETERMINED BY THE ENGINEER. REPLACE ALL DAMAGED TRAFFIC CONTROL DEVICES IMMEDIATELY. REMOVE ANY DAMAGED TRAFFIC CONTROL DEVICES FROM THE PROJECT WITHIN 24 HOURS.

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 FORSEEN 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.

ITEM 506 – TEMPORARY EROSION, SEDIMENTATION, AND ENVIRONMENTAL CONTROLS

THIS WORK WILL BE PAID FOR UNDER THE RESPECTIVE BID ITEMS. SW3P MAINTENANCE REPORTS ARE TO BE PERFORMED EVERY FOURTEEN CALENDAR DAYS OR AFTER ½" RAIN. MAKE CORRECTIONS AS SOON AS POSSIBLE BEFORE THE NEXT ANTICIPATED RAIN EVENT OR WITHIN SEVEN CALENDAR DAYS AFTER BEING ABLE TO ENTER THE LOCATION OF EACH BMP. A BMP SITE BEING "TOO WET TO WORK" IS THE ONLY ACCEPTABLE REASON FOR NOT ACCOMPLISHING THE CORRECTIONS WITHIN THE SEVEN CALENDAR DAYS TIME LIMIT AND SHOULD BE THOROUGHLY DOCUMENTED ON FORM 2118. IF MAINTENANCE CORRECTIONS ARE NOT MADE WITHIN THIS TIME FRAME THEN ALL WORK WILL CEASE, TIME CHARGES WILL CONTINUE UNTIL SW3P IS BROUGHT INTO COMPLIANCE AND IS DOCUMENTED ON FORM 2118 AFTER TXDOT REVIEW. THIS IN NO WAY RELEASES THE CONTRACTOR OF LIABILITY FOR NONCOMPLIANCE.

PERFORM VERTICAL TRACKING ON SLOPES IN ACCORDANCE WITH SECTION 4.4.10.

ITEM 585 – RIDE QUALITY FOR PAVEMENT SURFACES

USE SURFACE TEST TYPE "B" FOR FINISHED RIDING SURFACES OF NEWLY CONSTRUCTED TRAVEL LANES.

USE PAY ADJUSTMENT SCHEDULE 3

USE DIAMOND GRINDING OR EQUIVALENT TO CORRECT AREAS OF LOCALIZED ROUGHNESS. USE CSS-1H EMULSION TO FOG SEAL CORRECTED AREAS.

ITEM 644 – SMALL ROADSIDE SIGN SUPPORTS AND ASSEMBLIES

CONTRACTOR WILL PROVIDE SIGN POST SUPPORT CASTINGS FOR THE TEXAS TRIANGULAR UNIVERSAL SLIP BASE SYSTEM WHICH WILL CONTAIN CLAMPING BOLTS. TEXAS TRIANGULAR UNIVERSAL SLIP BASE SYSTEMS WHICH CONTAIN SET SCREWS WILL NOT BE PERMITTED. CONSTRUCTION OF REQUIRED CONCRETE FOOTINGS SHALL BE SUBSIDIARY.

REUSE EXISTING SUPPORTS WHERE POSSIBLE, OR PROVIDE NEW SUPPORTS. REUSE SIGNS IF SUITABLE.

Project Number: BR 2016(311)

County: COTTLE

Control: 0760-01-024

Highway: FM 1038

UPON REMOVAL OF OLD SUPPORTS AND FOUNDATIONS, SEPARATE THE OLD CONCRETE FROM THE POSTS. DISPOSE OF THE OLD CONCRETE AT A LOCATION OFF THE RIGHT OF WAY. RETURN THE OLD SUPPORTS TO THE MAINTENANCE YARD OF THE COUNTY IN WHICH THE WORK WAS COMPLETED.

REMOVE ALL OLD POSTS, STUBS AND/OR CONCRETE FROM THE RIGHT OF WAY AT THE END OF EACH DAY.

DISTRICT TRAFFIC OPERATIONS WILL BE NOTIFIED, THROUGH THE ENGINEER THREE (3) DAYS PRIOR TO PLACEMENT OF ANY PERMANENT SIGNS, TO VERIFY AND APPROVE ALL SIGN LOCATIONS. THE CONTRACTOR WILL MARK THE PROPOSED LOCATIONS.

ITEM 666 - REFLECTORIZED PAVEMENT MARKINGS

GIVE A MINIMUM OF 48 HOURS ADVANCE NOTICE FOR THE ENGINEER TO LOCATE AND MARK NO PASSING ZONES AND TO VERIFY STRIPE LOCATIONS.

CONTRACTOR TO FURNISH A COMBINATION OF TYPE II AND TYPE III BEADS ON ALL YELLOW CENTERLINE MARKINGS.

THE CONTRACTOR SHALL PLACE GUIDE MARKS TO ESTABLISH THE LATERAL LOCATION OF THE PAVEMENT MARKINGS. THE GUIDE MARKS SHALL NOT VARY FROM THE TRUE CENTERLINE OR AN EXISTING STRIPE BY MORE THAN ONE INCH EITHER DIRECTION. THE GUIDE MARKINGS SHALL BE TEMPORARY TABS PLACED LONGITUDINALLY EVERY FORTY (40) FEET. IF THE CONTRACTOR CAN ESTABLISH AN ACCEPTABLE CENTERLINE BY OTHER METHODS NOT NOTED IN THE PLANS, THESE METHODS CAN BE SUBMITTED TO THE ENGINEER FOR APPROVAL PRIOR TO STRIPING.

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