

# NOTIFICATION OF ADDENDUM

## ADDENDUM NO. 1

**DATED 9/28/2016**

<b>Control</b>	<b>0911-39-046, ETC.</b>
<b>Project</b>	<b>BR 2016(605), ETC.</b>
<b>Highway</b>	<b>CR</b>
<b>County</b>	<b>SHELBY</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: BR 2016(605)

CONTROL: 0911-39-046

COUNTY: SHELBY

LETTING: 10/06/2016

REFERENCE NO: 0921

**PROPOSAL ADDENDUMS**

- 
- \_\_\_ PROPOSAL COVER
- X BID INSERTS (SH. NO.: 1-4, 2-4, 3-4, 4-4 )
- X GENERAL NOTES (SH. NO.: E,F,G,H )
- \_\_\_ SPEC LIST (SH. NO.: )
- \_\_\_ SPECIAL PROVISIONS: )
- \_\_\_ ADDED: )
- DELETED:
- \_\_\_ SPECIAL SPECIFICATIONS:
- \_\_\_ ADDED:
- DELETED:
- X OTHER: PLAN SHEETS AND OTHER CHANGES

DESCRIPTION OF ABOVE CHANGES  
(INCLUDING PLANS SHEET CHANGES)

PROPOSAL:

REVISED SHEET 1-4 THRU 4-4: CHANGED BID ITEMS TO INCLUDE THE  
 ALTERNATE DESIGNATION AND REVISED ITEM 247-6061 QUANTITY  
 GENERAL NOTES SHEET E: REVISED GENERAL NOTES FOR ITEM 496  
 GENERAL NOTES SHEET F: REVISED GENERAL NOTES FOR ITEM 496  
 GENERAL NOTES SHEET G: REPLACED SHEET DUE TO SHIFT IN TEXT FROM  
 GENERAL NOTES SHEET F  
 GENERAL NOTES SHEET H: REPLACED SHEET DUE TO SHIFT IN TEXT FROM  
 GENERAL NOTES SHEET F

VOLUME 1:

PLAN SHEETS

SHEET 4B: REVISED GENERAL NOTES UNDER ITEM 496  
 SHEET 4C: REPLACED SHEET DUE TO SHIFT IN TEXT FROM  
 SHEET 4B

SHEET 5: REVISED ESTIMATE & QUANTITY SHEET TO INCLUDE THE  
 ALTERNATE DESIGNATION & GROUPING AND  
 REVISED QUANTITY FOR ITEM 247-6061

DESCRIPTION OF ABOVE CHANGES  
 (INCLUDING PLANS SHEET CHANGES)

(CONTINUED)

SHEET 7: REVISED QUANTITY FOR ITEM 247-6061  
SHEET 12: REPLACED ENTIRE SHEET  
SHEET 13: REPLACED ENTIRE SHEET

VOLUME 2

PLAN SHEETS:

SHEET 2: REVISED SHEET TO CORRECT BRIDGE STANDARDS  
SHEET 12: REPLACED ENTIRE SHEET  
SHEET 13: REPLACED ENTIRE SHEET  
SHEET 44: REVISED LABEL FOR DRILLED SHAFT  
SHEET 50: REPLACED ENTIRE SHEET  
SHEET 55A: 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	6002		PREPARING ROW  DOLLARS and CENTS	STA	11.400	1
	110	6001		EXCAVATION (ROADWAY)  DOLLARS and CENTS	CY	1,673.000	2
	132	6003		EMBANKMENT (FINAL)(ORD COMP)(TY B)  DOLLARS and CENTS	CY	713.000	3
	160	6003		FURNISHING AND PLACING TOPSOIL (4")  DOLLARS and CENTS	SY	2,231.000	4
	164	6009		BROADCAST SEED (TEMP) (WARM)  DOLLARS and CENTS	SY	1,308.000	5
	164	6011		BROADCAST SEED (TEMP) (COOL)  DOLLARS and CENTS	SY	1,308.000	6
	164	6021		CELL FBR MLCH SEED(PERM)(RURAL)(SANDY)  DOLLARS and CENTS	SY	2,611.000	7
	168	6001		VEGETATIVE WATERING  DOLLARS and CENTS	MG	45.500	8
	169	6002		SOIL RETENTION BLANKETS (CL 1) (TY B)  DOLLARS and CENTS	SY	1,492.000	9
	247	6061		FL BS (CMP IN PLC)(TYA GR1-2) (6")  DOLLARS and CENTS	SY	2,194.000	10
	400	6005		CEM STABIL BKFL  DOLLARS and CENTS	CY	105.000	11

ALT	ITEM-CODE			UNIT BID PRICE ONLY. WRITTEN IN WORDS	UNIT	APPROX QUANTITIES	DEPT USE ONLY
	ITEM NO	DESC CODE	S.P. NO.				
1	409	6001		PRESTR CONC PIL (16 IN SQ) DOLLARS and CENTS	LF	551.000	12
	416	6003		DRILL SHAFT (30 IN) DOLLARS and CENTS	LF	372.000	13
	420	6013		CL C CONC (ABUT) DOLLARS and CENTS	CY	67.200	14
	420	6025		CL C CONC (BENT) DOLLARS and CENTS	CY	10.600	15
	420	6029		CL C CONC (CAP) DOLLARS and CENTS	CY	6.600	16
	422	6005		REINF CONC SLAB (BOX BEAM) DOLLARS and CENTS	SF	2,355.000	17
	422	6007		REINF CONC SLAB (SLAB BEAM) DOLLARS and CENTS	SF	3,640.000	18
	422	6023		SHEAR KEY DOLLARS and CENTS	CY	12.000	19
	425	6001		PRESTR CONC BOX BEAM (4B20) DOLLARS and CENTS	LF	356.000	20
	425	6002		PRESTR CONC BOX BEAM (5B20) DOLLARS and CENTS	LF	178.000	21
	425	6010		PRESTR CONC SLAB BEAM (5SB12) DOLLARS and CENTS	LF	197.500	22
	425	6012		PRESTR CONC SLAB BEAM (5SB15) DOLLARS and CENTS	LF	495.000	23

ALT	ITEM-CODE			UNIT BID PRICE ONLY. WRITTEN IN WORDS	UNIT	APPROX QUANTITIES	DEPT USE ONLY
	ITEM NO	DESC CODE	S.P. NO.				
	432	6032		RIPRAP (STONE PROTECTION)(15 IN) DOLLARS and CENTS	CY	258.000	24
	450	6019		RAIL (TY T631LS) DOLLARS and CENTS	LF	540.000	25
	496	6009		REMOV STR (BRIDGE 0 - 99 FT LENGTH) DOLLARS and CENTS	EA	3.000	26
	496	6043		REMOV STR (SMALL FENCE) DOLLARS and CENTS	LF	145.000	27
	500	6001		MOBILIZATION DOLLARS and CENTS	LS	1.000	28
	502	6001		BARRICADES, SIGNS AND TRAFFIC HAN- DLING DOLLARS and CENTS	MO	14.000	29
	506	6002	002	ROCK FILTER DAMS (INSTALL) (TY 2) DOLLARS and CENTS	LF	143.000	30
	506	6011	002	ROCK FILTER DAMS (REMOVE) DOLLARS and CENTS	LF	143.000	31
	506	6034	002	CONSTRUCTION PERIMETER FENCE DOLLARS and CENTS	LF	175.000	32
	506	6038	002	TEMP SEDMT CONT FENCE (INSTALL) DOLLARS and CENTS	LF	1,979.000	33
	506	6039	002	TEMP SEDMT CONT FENCE (REMOVE) DOLLARS and CENTS	LF	1,979.000	34
	540	6001		MTL W-BEAM GD FEN (TIM POST) DOLLARS and CENTS	LF	125.000	35

ALT	ITEM-CODE			UNIT BID PRICE ONLY. WRITTEN IN WORDS	UNIT	APPROX QUANTITIES	DEPT USE ONLY
	ITEM NO	DESC CODE	S.P. NO.				
	540	6016		DOWNSTREAM ANCHOR TERMINAL SECTION  DOLLARS and CENTS	EA	6.000	36
	544	6001		GUARDRAIL END TREATMENT (INSTALL)  DOLLARS and CENTS	EA	6.000	37
	552	6003		WIRE FENCE (TY C)  DOLLARS and CENTS	LF	147.000	38
	644	6076		REMOVE SM RD SN SUP&AM  DOLLARS and CENTS	EA	3.000	39
	658	6016		INSTL DEL ASSM (D-SW)SZ (BRF)GF1 (BI)  DOLLARS and CENTS	EA	14.000	40
	658	6048		INSTL OM ASSM (OM-2Z)(FLX)GND  DOLLARS and CENTS	EA	6.000	41
	658	6062		INSTL DEL ASSM (D-SW)SZ 1(BRF)GF2(BI)  DOLLARS and CENTS	EA	16.000	42
				ALTERNATE NO. 1A  DOLLARS and CENTS			
	416	6002		DRILL SHAFT (24 IN)  DOLLARS and CENTS	LF	384.000	43
	420	6037		CL C CONC (COLUMN)  DOLLARS and CENTS	CY	3.500	44

**GENERAL NOTES:**

Existing regulatory, warning and guide signs within project limits are to remain visible to the traveling public at all times. If a sign must be repositioned during construction operations, move and install the sign to an approved location. Use care when working near existing signs and repair or replace signs damaged by work operations. All work involved repositioning existing signs will be subsidiary to various bid items.

Furnish materials and make repairs to the existing roadway at any location damaged by construction operations. This work shall be done in an approved manner and will be subsidiary to various bid items.

Ensure drainage structures and outfall channels constructed on this project are free of silt and debris at the time of project acceptance. Final clean out work will be subsidiary to various bid items.

Maintain adequate surface drainage throughout the project limits during all phases of construction.

Provide suitable access at all times to adjacent businesses, private property and side roads.

Remove dirt, silt, rocks, debris and other foreign matter that accumulates in structures due to the Contractor's operations as directed. Keep stream channels open at all times. This work will not be paid for directly, but will be subsidiary to pertinent Items.

The bridge at Bear Bayou has a posted weight limit of 7,500 lbs. per tandem axle. This weight limit shall not be exceeded during project construction.

The bridge at Flat Fork Creek Tributary has a posted weight limit of 5,000 lbs. per tandem axle. This weight limit shall not be exceeded during project construction.

**Project Mowing**

Mow the highway right of way within the project limits a maximum of 3 cycles per year as directed. Mowing will not be measured or paid for directly, but will be subsidiary to various bid items.

The equipment used for mowing shall consist of approved mowing units capable of mowing on slopes without marring finished slope surfaces or injuring existing growth. The minimum cutting width shall not be less than 5 ft., unless otherwise approved.

Mow all areas of existing vegetation and vegetation placed during the project as directed. The mowing height shall be 5 in. unless otherwise directed. Repair portions of sod or grass that are injured during mowing operations as directed.

Mow as close as possible to all fixed objects, exercising extreme care not to damage trees, plants, shrubs, signs, delineators or other appurtenances which are part of the facility. Hand trim around such objects, unless otherwise specified.

Highway: CR

Control: 0911-39-046, Etc.

Use safety chains or other manufacturer's safety device to prevent damage to people or property caused by flying debris propelled out from under rotary mowers. Chains shall be a minimum size of 5/16 in. and links spaced side by side around the mower's front, sides and rear. When mowing at the specified cutting height, the chains shall be long enough to drag the ground. If at any time, it is determined mowing or trimming equipment is defective to the point that it may affect the quality of work or create an unsafe condition, then that equipment shall be immediately repaired or replaced.

### **Litter Pickup**

Remove litter from the right of way in the limits of this project a maximum of 3 cycles per year as directed. Litter pickup will not be measured or paid for directly, but will be subsidiary to various bid items.

In addition to the requirements in Item 5, Section 11, Final Cleanup; remove litter from the right of way at locations where the Contractor may be required to mow. Litter pickup will not be measured or paid for directly, but will be subsidiary to various bid items.

The equipment used for litter pickup shall be approved.

Collect and dispose of all litter deposited by construction operations or the traveling public including cans, bottles, paper, plastic items, metal scraps, lumber, etc. from within the project right of way or as directed. Properly dispose of all collected litter. Do not dump or stockpile collected litter on State property.

For removal of large dead animals, contact nearest TxDOT maintenance section for disposal instructions. Do not bury animal carcasses on State property.

### **Item 5: Control of the Work**

In the event utility lines needing unforeseen adjustments are encountered during construction operations, alter operations and continue to prosecute the contract in such a manner that will allow utility adjustments to be made by others. An extension of working time may be granted for any delays caused by the utility adjustments if deemed necessary.

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

The total disturbed area for Access Road at Toledo Bend Reservoir is 0.34 acres. The disturbed area in this project and the Contractor project specific locations (PSLs) within 1 mile of the project limits for the Contract, will further establish the authorization requirements for storm water discharges. As the disturbed area including PSLs is less than 1 acre, the TPDES CGP does not apply, however, the contractor will adhere to the requirements of the SWP3 layouts. If the total area disturbed shown in the plans and PSLs within 1 mile of the project limits exceeds 1 acre, the engineer will develop an SWP3 site plan and post a small construction site notice for the construction activities.

Highway: CR

Control: 0911-39-046, Etc.

The total disturbed area for CR 4020 at Bear Bayou is 0.44 acres. The disturbed area in this project and the Contractor project specific locations (PSLs) within 1 mile of the project limits for the Contract, will further establish the authorization requirements for storm water discharges. As the disturbed area including PSLs is less than 1 acre, the TPDES CGP does not apply, however, the contractor will adhere to the requirements of the SWP3 layouts. If the total area disturbed shown in the plans and PSLs within 1 mile of the project limits exceeds 1 acre, the engineer will develop an SWP3 site plan and post a small construction site notice for the construction activities.

The total disturbed area for CR 4293 at Flat Fork Creek Tributary is 0.27 acres. The disturbed area in this project and the Contractor project specific locations (PSLs) within 1 mile of the project limits for the Contract, will further establish the authorization requirements for storm water discharges. As the disturbed area including PSLs is less than 1 acre, the TPDES CGP does not apply, however, the contractor will adhere to the requirements of the SWP3 layouts. If the total area disturbed shown in the plans and PSLs within 1 mile of the project limits exceeds 1 acre, the engineer will develop an SWP3 site plan and post a small construction site notice for the construction activities.

Dispose of all vegetative matter and any other materials removed from State Right of Way in accordance with applicable environmental laws, rules, regulations and requirements.

#### **Item 8: Prosecution and Progress**

For this project, working days will be computed and charged in accordance with Item 8, Section 3.1.4, "Standard Workweek".

Submit monthly progress schedules no later than the 20<sup>th</sup> calendar day of the month. Failure to comply with this deadline may result in the Engineer withholding progress (monthly) payments.

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

The equipment used to trim limbs shall be approved. A boom axe will not be allowed.

Grub stumps as necessary.

#### **Item 132: Embankment**

Hauling materials with scrapers across or along existing roadways will not be permitted without written permission.

Drying of material, for the contractor's convenience, deeper than 6 inches below subgrade elevations will be subsidiary to various bid items.

All blading, rolling, and scraper work to construct and remove temporary slopes adjacent to pavement drop-offs, will be subsidiary to various bid items.

Compact embankment material used to reshape existing slopes to a density comparable with adjacent undisturbed material to the satisfaction of the Engineer.

Highway: CR

Control: 0911-39-046, Etc.

**Item 166: Fertilizer**

Fertilize all seeded areas.

**Item 168: Vegetative Watering**

Equip water trucks with sprinkler systems capable of watering all of the entire seeded or sodded areas from the roadway.

Water all newly placed sodded or seeded areas at the time of installation. Thereafter, maintain the sodded or seeded areas in a well-watered condition, at no time allow the areas to dry to a condition where water stress is evident.

**Item 169: Soil Retention Blankets**

The approved Product List for Erosion Control Products is available from the Department's Maintenance Division at:

<http://www.txdot.gov/business/resources/erosion-control.html>

For this project, soil retention blanket products must be selected from the following list:

Profile Products Cocoflex, Western Excelsior Rc-1, Landmark Earth Solutions Safe Slope Xtreme, Central Fiber Spraymatrix, East Coast Erosion Blankets ECS-1, Enviroscape S1000, Nebraska DOT Crimped Straw (4 Tons/Acre), Profile Products ProMatrix, US Erosion Control Products US-1X NN.

With approval from the Engineer, other soil retention blankets may be chosen from the TxDOT approved list if they do not contain plastic netting or if they contain netting, it must be loosely woven, natural fiber netting.

**Item 247: Flexible Base**

Provide flexible base with a minimum plasticity index of 2.

Provide flexible base material with a minimum Bar Linear Shrinkage of 2% as determined by Test Method Tex-107-E, Part II.

Stockpiling of base material will not be required if testing has been performed and the material has been approved at the source. Deliver approved specified materials to the project.

Compaction requirements for flexible base are ordinary compaction.

Highway: CR

Control: 0911-39-046, Etc.

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

Replace excavated material deemed unsuitable for backfilling with material approved by the Engineer, paid for under the pertinent bid items or as extra work. This provision does not apply to excavated materials that are too wet and are replaced for the Contractor's convenience to expedite the work.

When excavation does not generate enough material to complete the backfill, additional material must be approved prior to use. Additional material will be subsidiary to various bid items.

**Item 421: Hydraulic Cement Concrete**

The Engineer will provide curing facilities and strength testing equipment for acceptance testing at the TxDOT Shelby County Maintenance Office, 638 State Hwy 7 East, Center, TX 75935.

**Item 422: Concrete Superstructures**

Saw-cut grooves are not required.

**Item 427: Surface Finishes for Concrete**

Provide a rub finish for Surface Area III.

**Item 432: Riprap**

Stone riprap will require the placement of filter fabric prior to placement of stones.

Welded wire fabric will not be allowed for reinforcing concrete riprap. Reinforcing shall consist of No. 3 or 4 bars meeting the requirements of grade 60 reinforcing steel. Place bars on 12 in. centers in each direction, supported on reinforcing chairs.

**Item 454: Bridge Expansion Joints**

The approved expansion joint systems for Header Joints (Item 454) and Asphalt Plug Joints (SS 4013) is available from the Department's Bridge Division at:

<http://www.txdot.gov/inside-txdot/division/bridge/approved-systems/expansion-joints.html>

**Item 496: Removing Structures**

The following note applies to 0911-39-046:

Due to the relatively small amounts of lead, it is recommended that the metal components associated with these bridges be mechanically dismantled (unbolted/hydraulically cut, etc.), segregated from the wood/concrete/asphalt waste, and transferred to a suitable recycling facility. Also, any contracting personnel who may disturb the steel components should be made aware of the lead content in the materials so that they may use proper OSHA procedures.

Highway: CR

Control: 0911-39-046, Etc.

The following note applies to 0911-39-049 & 0911-39-057:

Any existing steel bridge elements will remain the property of the county. Stack neatly at the Right of Way line.

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

Traffic Control Plan (TCP):

Ensure the Contractor's Responsible Person (CRP) for Barricades, Signs and Traffic Handling is available at all times and able to receive instructions from the Engineer or authorized Department representative. The CRP shall be a person that is usually at the project site during normal working hours.

Use a flashing arrow board in addition to the required signs to warn motorists of flaggers.

Provide one high-intensity yellow, rotating dome-light on all equipment such as distributors, spreader boxes, lay-down machines, rollers, backhoes, road graders, loaders, etc. Mount lights high enough to be visible from all directions and operating when the equipment is within 30 ft. of the travel way. On all other equipment such as trucks, trailers, automobiles, etc. use emergency flashers while within the work zone.

Install vertical panels or drums at 100-ft. spacings where drop-offs or construction work occurs along edges of existing pavement. Unless otherwise authorized, these shall remain in place until final striping.

All blading, rolling and scraper work to construct and remove temporary slopes adjacent to pavement drop-offs, will be considered subsidiary to various bid items.

Notify the Engineer prior to placing any materials or equipment on the right of way. Locate equipment, stockpiles or other materials not in use as far as possible from the driving lanes and in no case closer than 30 ft. unless otherwise authorized. Any equipment, stockpiles, or materials placed within 30 ft. of the driving lane must have adequate signs, barricades or other warning devices as approved. As a minimum place an 8 ft. wide TY III Barricade or barrels on the approach side of each site that is within 30 ft. of the driving lane. Use TY III Barricade or barrels for the site similarly on the departure side if the location is within 30 ft. of the opposing traffic lane.

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.

Highway: CR

Control: 0911-39-046, Etc.

Texas Transportation Code 547.105 authorizes the use of warning lights to promote safety and provides an effective means of gaining the travelling public's attention as they drive in areas where construction crews are present. In order to influence the public to move over when high risk construction activities are taking place, minimize the utilization of blue warning lights. These lights must be used only while performing work on or near the travel lanes or shoulder where the travelling public encounters construction crews that are not protected by a standard work zone set up such as a lane closure, shoulder closure, or one-way traffic control. Refrain from leaving the warning lights engaged while travelling from one work location to another or while parked on the right of way away from the pavement or a work zone.

Temporary stop lines as shown in TCP(2-2)-12 should be omitted.

### **Item 506: Temporary Erosion, Sedimentation, and Environmental Controls**

The Best Management Practices for this project shall include using the following erosion control measures as directed:

1. Temporary and Permanent Seeding
2. Rock Filter Dams
3. Sediment Control Fence
4. Cellulose Fiber Mulch

Other erosion or water pollution control measure deemed necessary by the Engineer will be paid for in accordance with article 4.4, "Changes in the Work".

Place temporary sediment control fence at locations as directed.

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

Use round timber posts.

At the close of work each day, protect the ends of metal beam guard fence in an approved manner, so that no blunt ends are exposed to approaching traffic. Plastic drums will be required at these locations.

### **Item 544: Guardrail End Treatments**

Type I, II or III SGT may be used.

### **Item 552: Wire Fence**

Remove temporary fencing upon completion of permanent fencing unless otherwise directed. Removal of temporary fencing will be considered subsidiary to Item 552, "Wire Fence". All materials used in the temporary fence will remain the property of the Contractor.

**Item 644: Small Roadside Sign Assemblies**

Salvage all sign blanks to be removed and deliver the same day to TxDOT's facility at Shelby County Maintenance Office, 638 State Hwy 7 East, Center, TX 75935.

Place relocated signs as close as feasible to existing signs, unless placement conflicts with the Sign Crew Field Book.

**Item 658: Delineator and Object Marker Assemblies**

Install delineators on the departure side of block outs when mounting to metal beam guard fence and guardrail end treatments.

Install D-SW delineators on the departure side of steel bridge rail posts.

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