

Addendum No. 1 Proposed Intersection Improvement on S.R. 170  
(Edgemoor Road) and S.R. 25 (Clinton Highway)  
Anderson County Bid No. 4587

This addendum shall become a part of the project plans and specifications and shall be acknowledged on the bid form.

Addendum Date: 05/15/15

- 1) The Bid Opening has been changed from May 26<sup>th</sup> to May 28<sup>th</sup>. The time and the location have not changed.
- 2) Item No. 716-05.01, Painted Pavement Line (4") has been added to the Estimated Quantities Sheet and the Bid Form Sheet BF-3. Item No. 604-01.04, 1 ½" Steel Pipe Handrail quantity has been revised and a special note added. Item No. 604-07.01, Retaining Wall (12" Split Face Block) quantity has been revised and a special note added. These were Revised on Sheet 2A and the Bid Form Sheet BF-2.
- 3) Special Notes 10-13 were added to Sheet 2A- Estimated Roadway Quantities.
- 4) Special Note 11 was added because TDOT agreed to place the final layer of pavement and the final pavement marking for the project. If there is some time between the end of the Contractor's time of completion and when TDOT can move in on the job, these Items may be required to be installed.

Revised half sized plans and specifications are attached or full size plans can be picked up if needed at the office of Robert G. Campbell and Associates at 7523 Taggart Lane, Knoxville Tennessee.

Questions and Answers that have been asked since the plans have been issued are as follows.

- 1) What size is the perforated pipe behind the retaining wall? 6"
- 2) Is the steel pipe handrail to be painted? *Yes*  
If yes, what color? *Black*  
If yes, is it to have a primer coat? *Yes*  
If yes, is it to be conventional method or powder coated? *Either one is acceptable*
- 3) Sheet 6-Typical Wall Section-shows posts on 6' c-c and same page Typical Wall Section Elevation View-shows the spacing 10' c-c. Please clarify the post spacing. *10'*

- 4) Different Owners/Municipalities prefer or have different preferences as to how the rail is anchored to the wall. Some opt for the bolts to be epoxied or some other method. How is this rail to be anchored to the wall? *The contractor has the choose of either using a bolt plate or to drill a hole in the blocks and grout the in to mount the rail.*
- 5) What are the details for the anchor plates? (size, thickness, bolt hole size and location, size of anchor bolts, etc.) *It is up to the Contractor to determine the mounting details for the anchor plates if he chooses that type of mounting*
- 6) Sheet 6 has details for the wall. The Typical Wall Section says to use 12" scored split face block, I took that to be a nominal 12" wide, 8" high and 16" long. When you look at the Elevation View-the footer step downs are 12", the nominal height of the block is 8". Are we to saw a 12" block in half and put it on top of a block to fill this 12" step up/step down? This would increase the cost of the wall. I am not real familiar with block work, but I am not real sure how to price the wall after talking to block manufactures, they did not make a 12" tall block . Will you help to clarify some of the details? Also if you do use 8" tall block the designed elevation of the wall will either be shorter or taller. There is probably something really simple I am overlooking and when you clarify I am going to feel dumb, won't be the first time. *The wall profile has been revised (See Revised Sheets 6, 7 and 22.*
- 7) Will the wall be paid based on square feet that is showing above the ground line or measured from the top of the footer? *The quantity for the retaining wall will be paid from the top of the footer to the top of the wall. We estimated 207 square feet.*
- 8) Is the color of the block to be, just the standard color? *Color of block to be coordinated with Anderson County.*
- 9) What size of stone is to be used to backfill the wall? *Granular Backfill for below the flow line of perforated pipe, see TDOT Specs, Section 303, subsection 903.05. Size 68 for above the flow line of pipe and rest of wall.*

**PROPOSED INTERSECTION IMPROVEMENTS AT S.R. 170 (EDGEMOOR ROAD)  
AT S.R. 25 (CLINTON HIGHWAY)  
BID NO. 4587  
BID FORM BASE BID**

**ESTIMATED ROADWAY QUANTITIES**

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	UNIT COST	TOTAL COST
105-01	CONSTRUCTION STAKES, LINES AND GRADES	LS	1		
201-01	CLEARING AND GRUBBING	LS	1		
202-01	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	LS	1		
203-01	ROAD & DRAINAGE EXCAVATION (UNCLASSIFIED)	C.Y.	1563		
203-06	WATER	M.G.	10		
209-08.03	TEMPORARY SILT FENCE (WITHOUT BACKING)	L.F.	350		
209-09.43	CURB INLET PROTECTION (TYPE 4)	EACH	6		
209-40.30	CATCH BASIN PROTECTION (TYPE A)	EACH	2		
303-01	MINERAL AGGREGATE, TYPE A BASE, GRADING D	TON	1630		
307-02.01	ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM) GRADING A	TON	470		
307-02.08	ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM) GRADING B-M2	TON	308		
403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	TON	3		
411-02.10	ACS MIX(PG70-22) GRADING D	TON	200		
411-12.03	SCORING FOR RUMBLE STRIPE (NON-CONTINUOUS) (8IN WIDTH)	L.M.	0.12		
415-01.03	COLD PLANING BITUMINOUS PAVEMENT	C.Y.	10		
604-01.04	1-1/2" STEEL PIPE HANDRAIL	L.F.	45		
604-07.01	RETAINING WALL (12" SPLIT FACE BLOCK)	S.F.	207		
607-03.02	18" CONCRETE PIPE CULVERT (CLASS III)	L.F.	403		
607-39.01	15" PIPE CULVERT (SIDE DRAIN)	L.F.	75		
611-01.20	ADJUSTMENT OF EXISTING MANHOLE	EACH	1		
611-01.23	ADJUSTMENT OF WATER VALVE	EACH	1		
611-12.01	CATCH BASINS, TYPE 12, 0' - 4' DEPTH	EACH	4		
701-01.02	CONCRETE SIDEWALK (6 ")	S.F.	730		
702-03	CONCRETE COMBINED CURB & GUTTER	C.Y.	54		
712-01	TRAFFIC CONTROL	LS	1		
712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	EACH	46		
712-05.03	WARNING LIGHTS (TYPE C)	EACH	46		
712-06	SIGNS (CONSTRUCTION)	S.F.	159		
713-16.20	SIGNS (RIGHT LANE MUST TURN RIGHT, R3-7R)	EACH	2		
713-16.21	SIGNS (RIGHT LANE ENDS MERGE RIGHT, W4-2R)	EACH	1		
713-16.22	SIGNS (YIELD, R1-2)	EACH	2		
713-16.41	RELOCATE SIGN	LS	1		
716-01.21	Snwplwble Pvmt Mrkrs (Bi-Dir)(1 Color)	EACH	97		
716-01.22	Snwplwble Pvmt Mrkrs (Mono-Dir)(1 Color)	EACH	60		

716-02.04	PLASTIC PAVEMENT MARKING(CHANNELIZATION STRIPING)	S.Y.	35		
716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	L.F.	24		
716-02.06	PLASTIC PAVEMENT MARKING (TURN LANE ARROW)	EACH	10		
716-04.01	PLASTIC PAVEMENT MARKING (STRAIGHT-TURN ARROW)	EACH	3		
716-04.05	PLASTIC PAVEMENT MARKING (STRAIGHT ARROW)	EACH	3		
716-04.12	PLASTIC PAVEMENT MARKING (YIELD LINE)	S.F.	30		
716-05.01	PAINTED PAVEMENT MARKING (4" LINE)	L.M.	1.2		
716-12.02	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)	L.M.	1.2		
716-13.02	SPRAY THERMO PVMT MRKNG (60 mil) (6IN LINE)	L.M.	0.5		
717-01	MOBILIZATION	LS	1		
740-11.03	TEMPORARY SEDIMENT TUBE 18IN (DESCRIPTION)	L.F.	1020		
795-09.09	RELOCATE/RECONNECT SERVICE ASSEMBLY	EACH	3		
795-11.04	RELOCATE FIRE HYDRANT	EACH	1		
801-01	SEEDING (WITH MULCH)	UNIT	22		
801-03	WATER (SEEDING & SODDING)	M.G.	3		

Grand Total of Unit Prices    \$ \_\_\_\_\_

(Use words \_\_\_\_\_)