BRIDGE REPAIR QUANTITIES

	ITEM	DESCRIPTION	UNIT	0.00	7.46	TOTAL
1	209-08.02	TEMPORARY SILT FENCE (WITH BACKING)	L.F.	800	-	800
	307-01.01	ACS MIX (PG 64-22) (BPMB-HM) GRADING A	TON	95	-	95
	307-01.08	ACS MIX (PG 64-22) (BPMB-HM) GRADING B-M2	TON	35	-	35
	403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	TON	1	-	1
	411-01.10	ACS MIX (PG64-22) GRADING D	TON	50	-	50
	415-01.02	COLD PLANING BITUMINOUS PAVEMENT	S.Y.	600	-	600
2	604-04.02	APPLIED TEXTURE FINISH (EXISTING STRUCTURE)	S.Y.	370	-	370
17 16 3	604-10.05	CONCRETE	S.F.	40	-	40
18 16	604-10.14	REMOVE EXISTING WEARING SURFACE	LS	1	-	1
4	604-10.18	REINFORCING STEEL (REPAIRS)	LB.	16,380	-	16,380
16 5	604-10.26	BRACING	EACH	-	2	2
6	604-10.41	EXPANSION JOINT REPAIRS (TYPE "E")	L.F.	210	-	210
16 7	604-10.42	CONCRETE REPAIRS	C.F.	2750	4	2754
17 8	604-10.54	CONCRETE REPAIRS	S.F.	40	-	40
16 9	604-10.62	EPOXY INJECTION REPAIR (COMPLETE AND IN PLACE)	L.F.	100	-	100
16 10	604-10.69	PRESTRESSED STRAND SPLICE	EACH	-	8	8
11	620-05	CONCRETE PARAPET WITH STRUCTURAL TUBING	L.F.	370	-	370
12	705-04.50	PORTABLE BARRIER RAIL DELINEATOR	EACH	112	44	156
13	705-08.51	PORTABLE IMPACT ATTENUATOR (NCHRP 350 TL-3)	EACH	8	2	10
	712-01	TRAFFIC CONTROL	LS	0.5	0.5	1
	712-02.02	INTERCONNECTED PORTABLE BARRIER RAIL	L.F.	2520	780	3300
	712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	EACH	206	85	291
14	712-06	SIGNS (CONSTRUCTION)	S.F.	1520	418	1938
	712-07.03	TEMPORARY BARRICADES (TYPE III)	L.F.	340	100	440
	712-08.03	ARROW BOARD (TYPE C)	EACH	8	3	11
	712-09.01	REMOVABLE PAVEMENT MARKING LINE	L.F.	3010	-	3010
	713-16.01	CHANGEABLE MESSAGE SIGN UNIT	EACH	8	2	10
	716-12.01	ENHANCED FLATLINE THERMO PVMT MARKING (4IN LINE)	L.M.	0.5	-	0.5
	717-01	MOBILIZATION	LS	0.5	0.5	1
16 15	801-03	WATER (SEEDING & SODDING)	M.G.	9	-	9
15	803-01	SODDING (NEW SOD)	S.Y.	900	-	900

PROJECT NO.	YEAR	SHEET NO.
79005-4167-04	2014	2

REVISIONS

NO.	DATE	BY	BRIEF DESCRIPTION

1. INCLUDES THE COST OF ALL LABOR AND MATERIALS FOR FURNISHING AND INSTALLING THE TEMPORARY FILTER BARRIER/SILT FENCE WHERE LOCATED BY THE ENGINEER, AND REMOVAL UPON PROJECT COMPLETION. SEE STD. DWGS. EC-STR-3C AND EC-STR-3E. THE ENGINEER MAY INCREASE, DECREASE OR ELIMINATE THE QUANTITY FOR THIS ITEM. SEE SUBSECTION 209.07 OF THE SPECIFICATIONS FOR MAINTENANCE REPLACEMENT.

2. INCLUDES ALL COSTS TO APPLY TEXTURE FINISH TO BOTH PARAPETS AND END POSTS OF BOTH BRIDGES. FOR NOTES AND DETAILS, SEE DWG. NO. BR-115-56.

3. INCLUDES ALL COSTS ASSOCIATED WITH SPALL REPAIRS USING HIGH EARLY STRENGTH CONCRETE AT FIELD DESIGNATED LOCATIONS. FOR NOTES AND DETAILS, SEE DWG. NO. BR-115-56.

4. INCLUDES ALL COSTS ASSOCIATED WITH PRESERVING AND CLEANING THE EXISTING REINFORCING STEEL AS WELL AS THE PLACEMENT OF NEW REINFORCING STEEL IN THE NEW CONCRETE FILLER BLOCKS AND NEW END DIAPHRAGMS AT BOTH ABUTMENTS FOR BRIDGE NO. 79-02807-0.00. THIS ITEM WILL ALSO INCLUDE ALL COSTS ASSOCIATED WITH THE EPOXY ANCHORING SYSTEM USED FOR DOWEL BARS. FOR NOTES AND DETAILS, SEE DWG. NOS. BR-115-57 AND BR-115-58.

5. INCLUDES ALL COSTS OF LABOR, MATERIALS AND EQUIPMENT TO PROVIDE BRACING TO SUPPORTS FOR DAMAGED GIRDER AT BRIDGE NO. 79-SR14-7.46. FOR NOTES AND DETAILS, SEE DWG. NO. BR-115-52.

6. INCLUDES COST OF ALL LABOR, MATERIALS AND EQUIPMENT TO INSTALL NEW EXPANSION JOINT ASSEMBLIES AT BOTH ABUTMENTS. TYPICAL AT BRIDGE NO. 79-02807-0.00. FOR NOTES AND DETAILS, SEE DWG. NOS. BR-115-57 AND BR-115-58, STD. DWG. NOS. SBR-2-115, SBR-2-116, AND SBR-2-119.

7. INCLUDES ALL COSTS OF ASSOCIATED WITH REMOVING DAMAGED CONCRETE AT PRESTRESSED BEAM LOCATIONS AT BRIDGE NO. 79-SR14-7.46 AND FORMING AND REPOURING REPAIR AREAS BACK TO ORIGINAL BEAM LINES. THIS ITEM ALSO INCLUDES ALL COSTS OF LABOR, MATERIAL, EQUIPMENT AND INCIDENTALS REQUIRED TO REMOVE CONCRETE FILLER BLOCKS AND END DIAPHRAGMS, AS WELL WELL AS TO FORM AND POUR NEW HIGH EARLY STRENGTH CONCRETE FOR THE NEW CONCRETE FILLER BLOCKS AND END DIAPHRAGMS FOR BOTH ABUTMENTS AT BRIDGE NO. 79-02807-0.00. FOR NOTES AND DETAILS, SEE DWG. NOS. BR-115-52, BR-115-57, AND BR-115-58.

8. INCLUDES ALL COSTS ASSOCIATED WITH SPALL REPAIRS USING POLYMER MODIFIED CEMENTITIOUS PATCHING MATERIAL AT FIELD DESIGNATED LOCATIONS AT BRIDGE NO. 79-02807-0.00. THE ENGINEER MAY INCREASE, DECREASE OR ELIMINATE THE QUANTITY FOR THIS ITEM. FOR NOTES AND DETAILS, SEE DWG. NO. BR-115-56.

9. INCLUDES ALL COSTS OF ASSOCIATED WITH PROVIDING EPOXY INJECTION AT FIELD DESIGNATED LOCATIONS, FOR NOTES AND DETAILS, SEE DWG. NO. BR-115-56.

10. INCLUDES ALL COSTS ASSOCIATED WITH REPAIRING DAMAGED PRESTRESSED STRANDS AT BRIDGE NO. 79-SR14-7.46. FOR NOTES AND DETAILS, SEE DWG. NO. BR-115-52.

11. INCLUDES ALL COSTS OF LABOR, MATERIAL, AND EQUIPMENT TO REMOVE EXISTING PARAPETS AND END POSTS AND PROVIDE NEW STD-11-1 PARAPETS AND END POSTS. THIS WILL INCLUDE ALL COST OF HIGH EARLY STRENGTH CONCRETE, REINFORCING STEEL, PARAPET REMOVAL, CLEANING EXPOSED STEEL, DRILLING AND EPOXY ANCHORING NEW STEEL. FOR NOTES AND DETAILS, SEE DWG. NO. BR-115-55.

12. INCLUDES ALL COSTS FOR FURNISHING AND INSTALLING PORTABLE DELINEATORS MOUNTED ON THE PORTABLE BARRIER RAIL. FOR NOTES AND DETAILS, SEE STD. DWG. NO. T-WZ-14. FOR LOCATIONS, SEE TRAFFIC CONTROL SHEET NOS. 4-17.

13. THIS ITEM SHALL BE A PORTABLE ENERGY ABSORBING TERMINAL MEETING THE REQUIREMENTS OF NCHRP 350 FOR TEST LEVEL 3. EXAMPLES WOULD BE A QUAD-GUARD, A REACT 350 OR A TRACC. THE PAY ITEM WILL INCLUDE FURNISHING AND INSTALLING ALL COMPONENTS AS LISTED ON THE MANUFACTURER'S BILL OF MATERIALS. SHOP DRAWINGS OF THE PORTABLE ENERGY TERMINALS MUST BE SUBMITTED TO AND APPROVED BY THE DIVISION OF STRUCTURES PRIOR TO INSTALLATION. THE CONTRACTOR SHALL BE PAID FOR A MAXIMUM OF TEN (10) ENERGY ABSORBING TERMINALS, NCHRP 350, TL 3 WHICH SHALL BE RELOCATED AS NECESSARY.

14. INCLUDES ALL COSTS ASSOCIATED WITH THE INSTALLATION AND MAINTENANCE OF NEW SIGN PANELS, SHEETING AND SUPPORTS.

15. INCLUDES ALL COSTS OF ALL LABOR AND MATERIALS FOR FURNISHING AND INSTALLING THE LISTED ITEMS WHERE LOCATED BY THE ENGINEER, IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS. THE ENGINEER MAY INCREASE, DECREASE OR ELIMINATE THE QUANTITY FOR THIS ITEM.

16. THE ENGINEER MAY INCREASE, DECREASE OR ELIMINATE THE QUANTITY FOR THIS ITEM.

17. INCLUDES ALL COSTS FOR THE INSTALLATION OF SNOWPLOWABLE MARKERS. SNOWPLOWABLE MARKERS WILL BE INSTALLED IN ALL AREAS RECEIVING NEW ASPHALT OVERLAY AT THE MIDDLE LANE LINE. FOR NOTES AND DETAILS, SEE STANDARD DRAWINGS TM-5 AND TM-6.

18. INCLUDES ALL COSTS ASSOCIATED WITH THE REMOVAL OF THE EXISTING WEARING SURFACE LOCATED AT BOTH ABUTMENTS FOR BRIDGE NO. 79-02807-0.00. FOR NOTES AND DETAILS, SEE DWG. NOS. BR-115-57 AND BR-115-58.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

ESTIMATED QUANTITIES

SOUTH PARKWAY WEST
OVER INTERSTATE 55
BRIDGE NO. 79-02807-0.00
SR14 OVER INTERSTATE 55
BRIDGE NO. 79-SR14-7.46

SHELBY COUNTY
2014

0.00

7.46

AMJAD S. KHAIRI
REGISTERED ENGINEER
No. 106650
01/21/14
STATE OF TENNESSEE

GARVER

DESIGNED BY L. I. COBOS DATE JULY 2013
DRAWN BY C. W. THOMAS DATE JULY 2013
SUPERVISED BY J. H. RUDDELL DATE JULY 2013
CHECKED BY A. J. KHAIRI DATE JULY 2013

TN D.O.T. ENGINEERING SUPERVISOR M. LAWSON

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WORKSPACE: TDOT Bridge
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