TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	HSIP-16(42)	2

ESTIMATED ROADWAY QUANTITIES

	ITEM NO.	DESCRIPTION	UNIT	QUANTITY
(1)	209-03.20	FILTER SOCK (8 INCH)	L.F.	100
	712-01	TRAFFIC CONTROL	LS	1
(2)	712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	EACH	10
	712-06	SIGNS (CONSTRUCTION)	S.F.	242
	713-02.21	SIGN POST DELINEATION ENHANCEMENT	L.F.	60
(3)	713-15	REMOVAL OF SIGNS, POSTS AND FOOTINGS	LS	1
(4)	713-16.20	SIGNS (R1-1, 48"x48")	EACH	2
(5)	713-16.21	SIGNS (R1-1, 36"x36")	EACH	2
(4)	713-16.22	SIGNS (W3-1, 48"x48")	EACH	2
(6)	713-16.23	SIGNS (R6-3, 30"x24")	EACH	2
(7)	713-16.24	SIGNS (R6-1L, 54"x18")	EACH	4
(7)	713-16.25	SIGNS (R6-1R, 54"x18")	EACH	4
	716-01.10	SNOWPLOWABLE REFLECTIVE MARKER	EACH	15
	716-01.11	RAISED PVMT MARKERS (BI-DIRECTIONAL)(1 COLOR LENS)	EACH	14
(8)	716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	L.F.	55
(8)	716-03.07	PLASTIC WORD PAVEMENT MARKING (STOP)	EACH	2
	716-13.01	SPRAY THERMO PVMT MRKNG (60 MIL)(4IN LINE)	L.M.	0.01
	717-01	MOBILIZATION	LS	1
(9)	730-02.01	SIGNAL HEAD ASSEMBLY (110)	EACH	6
(9)	730-02.21	SIGNAL HEAD ASSEMBLY (220)	EACH	1
(10)	730-05.01	ELECTRICAL SERVICE CONNECTION	EACH	1
	730-05.03	SERVICE CABLE (2 CONDUCTOR, # 6 AWG)	L.F.	150
	730-08.02	SIGNAL CABLE - 5 CONDUCTOR	L.F.	650
	730-09.01	SPAN WIRE ASSEMBLY (19000 LBS MIN BRK STRENGTH)	L.F.	250
	730-10.01	TETHER WIRE ASSEMBLY - 1/4" DIAMETER	L.F.	250
	730-15.07	CABINET (FLASHING BEACON)	EACH	1
	730-16.03	CONTROLLER (FLASHING BEACON)	EACH	1
	730-23.01	STEEL STRAIN POLE (SIGNAL SUPPORT)	EACH	2

FOOTNOTES:

(1) SEE SUBSECTION 209.07 OF THE STANDARD SPECIFICATIONS FOR MAINTENANCE REPLACEMENT.

(2) LANE CLOSURES FOR DAYTIME OPERATIONS CAN BE ACCOMPLISHED WITH CONES.

(3) INCLUDES REMOVAL OF EXISTING STOP AHEAD WARNING SIGNS, STOP SIGNS, ONE WAY SIGNS, AND DIVIDED HIGHWAY SIGNS ON S.R. 16 AND S.R. 433, AS NOTED ON PLANS.

(4) SIGNS TO BE MOUNTED ON TWO (2) SIGN SUPPORT POSTS WITH MEMBER DESIGNATION "P5".

(5) SIGNS TO BE MOUNTED ON ONE (1) SIGN SUPPORT POST WITH MEMBER DESIGNATION "P5".

(6) SIGNS TO BE MOUNTED DIRECTLY BELOW STOP SIGNS (R1-1, 48"X48").

(7) SIGNS TO BE MOUNTED DIRECTLY ABOVE STOP SIGNS (R1-1, 36"X36", 48"X48").

(8) THE CONTRACTOR MAY ELECT TO SUBSTITUTE PREFORMED PLASTIC FOR THE THERMOPLASTIC. PREFORMED PLASTIC SHALL BE PAID FOR AT THE SAME UNIT PRICE AS BID FOR THERMOPLASTIC.

(9) ALL SIGNAL INDICATIONS SHALL BE LED TYPE AS SHOWN AND AS NOTED ON THE PLANS. REFER TO SHEET 4 FOR CONFIGURATION OF RED AND YELLOW FLASHERS.

(10) THE CONTRACTOR WILL BE RESPONSIBLE FOR CONTACTING THE LOCAL UTILITY TO OBTAIN THE ESTIMATE FOR ANY CHANGES BY THE UTILITY FOR PROVIDEING ELECTRICAL SERVICE TO THE CONTROLLER. THESE CHARGES SHALL BE INCLUDED IN THE PRICE FOR ITEM NO. 730-05.01 FOR PAYMENT BY THE CONTRACTOR. ITEM TO INCLUDE A 50 AMP, 2 POLE WEATHER PROOF EXTERNAL DISCONNECT. ENCLOSURE SHALL BE METALLIC WITH A 50 AMP SINGLE POLE CIRCUIT BREAKER.

SUMMARY OF QUANTITIES - ITEM NO. 712-06

SIGN NO.	DESCRIPTION	SIZE (IN.)	NUMBER REQUIRED
G20-2A	END ROAD WORK	36X18	4
W4-2L	LEFT LANE MERGE	48X48	1
W4-2R	RIGHT LANE MERGE	48X48	1
W20-1	ROAD WORK 1/2 MILE	48X48	2
W20-1	ROAD WORK 1000 FEET	48X48	2
W20-1	ROAD WORK 500 FEET	48X48	2
W20-1	ROAD WORK AHEAD	48X48	2
W20-5L	LEFT LANE CLOSED 1000 FT	48X48	1
W20-5R	RIGHT LANE CLOSED 1000 FT	48X48	1
W20-7A	"FLAGGER AHEAD" SYMBOL	48X48	2

NOTES:

(1) ITEM 712-06, SIGNS (CONSTRUCTION), INCLUDES SIGNS SHOWN AND IS CONSIDERED A ADDITIONAL SIGNS MAY BE REQUIRED BY THE ENGINEER AND WILL BE PAID FOR AT THE PRICE BID FOR ITEM 712-06.

(2) SIGNS SHALL BE LOCATED BY THE CONTRACTOR WITH THE APPROVAL OF THE ENGINEER.

(3) CONSTRUCTION SIGNING AND TRAFFIC CONTROL SHALL CONFORM TO PART VI OF THE ON UNIFORM TRAFFIC CONTROL DEVICES AND SECTION 712 OF THE TENNESSEE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.

(4) THE CONTRACTOR IS NOT RELIEVED OF ANY RESPONSIBILITY TO PROVIDE ADEQUATE AND TRAFFIC CONTROL MEASURES BY THE ABOVE.

SEALED BY

10/21/13

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

ESTIMATED ROADWAY QUANTITIES

TENNESSEE D.O.T.
DESIGN DIVISION
FILE NO.

10/21/2013 7:47:50 AM
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