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

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NHTSA-HE-2(225)	2

ESTIMATED ROADWAY QUANTITIES

	ITEM NO.	DESCRIPTION	UNIT	QUANTITY
(1)	209-03.20	FILTER SOCK (8 INCH)	L.F.	50
	701-02.01	CONCRETE CURB RAMP (RETROFIT)	S.F.	40
	701-02.03	CONCRETE HANDICAP RAMP	S.F.	305
	712-01	TRAFFIC CONTROL	LS	0.5
(2)	712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	EACH	20
	712-06	SIGNS (CONSTRUCTION)	S.F.	146
(3)	713-15.07	SUSPENDED FLAT SHEET ALUMINUM SIGNS (R10-12, 30"x36")	EACH	2
(4)	713-16.22	SIGNS (W3-3, 36"x36")	EACH	2
(3)	713-16.23	SIGNS (STREET NAME SIGNS)	EACH	4
	716-02.04	PLASTIC PAVEMENT MARKING (CHANNELIZATION STRIPING)	S.Y.	500
(5)	716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	L.F.	86
(5)	716-02.06	PLASTIC PAVEMENT MARKING (TURN LANE ARROW)	EACH	4
(5)	716-02.09	PLASTIC PAVEMENT MARKING (LONGITUDINAL CROSS WALK)	L.F.	84
(5)	716-03.01	PLASTIC WORD PAVEMENT MARKING (ONLY)	EACH	2
(5)	716-03.06	PLASTIC WORD PAVEMENT MARKING (SIGNAL AHEAD)	EACH	2
	716-04.05	PLASTIC PAVEMENT MARKING (4" DOTTED LINE)	L.F.	270
	716-08.05	REMOVAL OF PAVEMENT MARKING (STOP LINE)	L.F.	66
	716-08.06	REMOVAL OF PAVEMENT MARKING (TURN LANE ARROW)	EACH	4
	716-08.11	REMOVAL OF WORD PAVEMENT MARKING (ONLY)	EACH	2
	716-13.01	SPRAY THERMO PVMT MRKNG (60 MIL)(4 IN LINE)	L.M.	0.9
	717-01	MOBILIZATION	LS	0.5
	730-01.02	REMOVAL OF SIGNAL EQUIPMENT	EACH	1
	730-02.09	SIGNAL HEAD ASSEMBLY (130 WITH BACKPLATE)	EACH	6
	730-02.17	SIGNAL HEAD ASSEMBLY (150 A2H WITH BACKPLATE)	EACH	2
	730-03.21	INSTALL PULL BOX (TYPE B)	EACH	3
(7)	730-05.01	ELECTRICAL SERVICE CONNECTION	EACH	1
	730-05.03	SERVICE CABLE (2 CONDUCTOR, # 6 AWG)	L.F.	85
	730-08.03	SIGNAL CABLE - 7 CONDUCTOR	L.F.	550
	730-11.01	STEEL CONDUIT RISER ASSEMBLY	EACH	1
	730-12.02	CONDUIT 2" DIAMETER (PVC)	L.F.	65
	730-12.07	CONDUIT 1" DIAMETER (RGS)	L.F.	50
	730-12.13	CONDUIT 2" DIAMETER (JACK AND BORE)	L.F.	140
	730-13.03	VEHICLE DETECTOR (4 - CHANNEL, RACK MOUNT)	EACH	1
	730-14.01	SHIELDED DETECTOR CABLE	L.F.	425
	730-14.02	SAW SLOT	L.F.	775
	730-14.03	LOOP WIRE	L.F.	1675
	730-15.07	CABINET (EIGHT PHASE POLE MOUNTED)	EACH	1
	730-16.02	EIGHT PHASE ACTUATED CONTROLLER	EACH	1
	730-23.96	CANTILEVER SIGNAL SUPPORT (2 @ 35' & 50')	EACH	2
(6)	801-03	WATER (SEEDING AND SODDING)	M.G.	0.1
(6)	803-01	SODDING (NEW SOD)	S.Y.	10

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) SIGN TO BE MOUNTED ON MAST ARMS.

(4) SIGN SUPPORT POST SHALL BE MEMBER DESIGNATION "P5".

(5) 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.

(6) ITEM TO BE USED FOR FINAL STABILIZATION AROUND PULL BOXES, SIGNAL POLES, AND CONTROLLER CABINET.

(7) THE CONTRACTOR WILL BE RESPONSIBLE FOR CONTACTING THE LOCAL UTILITY TO OBTAIN THE ESTIMATE FOR ANY CHANGES BY THE UTILITY FOR PROVIDING 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 1-2C #6 CABLE FROM EXISTING ELECTRIC SERVICE TO CONTROLLER. INCLUDES 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
W20-1	ROAD WORK 1000 FEET	48X48	2
W20-1	ROAD WORK 500 FEET	48X48	2
W20-1	ROAD WORK AHEAD	48X48	2
W20-7a	FLAGGER AHEAD	48X48	2

NOTES:

(1) ITEM 712-06, SIGNS (CONSTRUCTION), INCLUDES SIGNS SHOWN AND IS CONSIDERED A MINIMUM. ADDITIONAL SIGNS MAY BE REQUIRED BY THE ENGINEER AND WILL BE PAID FOR AT THE UNIT 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 MANUAL 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 SAFE TRAFFIC CONTROL MEASURES BY THE ABOVE.

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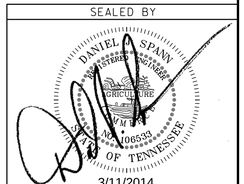

3/11/2014

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

ESTIMATED ROADWAY QUANTITIES

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