TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF.	2016	NH-I-65-2(107)	2

ESTIMATED ROADWAY QUANTITIES

	ITEM NO.	DESCRIPTION	UNIT	QUANTITY 94002-8193-44
1	303-01	MINERAL AGGREGATE, TYPE A BASE, GRADING D	TON	500
1,2	307-03.08	ASPHALT CONCRETE MIX (PG76-22) (BPMB-HM) GRADING B-M2	TON	3000
	307-03.10	ASPHALT CONCRETE MIX (PG76-22) (BPMB-HM) GR CS	TON	10710
	403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	TON	243
3,4	411-03.23	GRADING OGFC SURFACE (PG76-22)	TON	18124
	411-12.01	SCORING SHOULDERS (CONTINUOUS) (16IN WIDTH)	L.M.	7
	415-01.01	COLD PLANING BITUMINOUS PAVEMENT	TON	21625
5	712-01	TRAFFIC CONTROL	LS	1
	712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	EACH	350
	712-05.01	WARNING LIGHTS (TYPE A)	EACH	4
10	712-06	SIGNS (CONSTRUCTION)	S.F.	778
8	712-06.16	SIGNS (CONSTRUCTION)(REDUCED SPEED WARNING)	EACH	2
	712-08.03	ARROW BOARD (TYPE C)	EACH	2
	712-08.10	MOBILE MESSAGE SIGN UNIT W/ ATTENUATOR	HOURS	700
	713-16.01	CHANGEABLE MESSAGE SIGN UNIT	EACH	6
	716-01.23	SNWPLWBLE PVMT MRKRS (BI-DIR)(2 COLOR)	EACH	1900
	716-01.30	REMOVAL OF SNOWPLOWABLE REFLECTIVE MARKER	EACH	1900
6	716-02.04	PLASTIC PAVEMENT MARKING(CHANNELIZATION STRIPING)	S.Y.	100
6	716-02.24	PLASTIC PAVEMENT MARKING (12IN DWL)	L.F.	20600
6	716-04.09	PLASTIC PAVEMENT MARKING (H.O.V. DIAMOND)	EACH	30
7	716-05.20	PAINTED PAVEMENT MARKING (6" LINE)	L.M.	43
11	716-12.02	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)	L.M.	28
11	716-12.03	ENHANCED FLATLINE THERMO PVMT MRKNG (8IN BARRIER LINE)	L.F.	1200
11	716-12.05	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN DOTTED LINE)	L.F.	1600
	717-01	MOBILIZATION	LS	1
	730-03.20	INSTALL PULL BOX (TYPE A)	EACH	2
	730-12.02	CONDUIT 2" DIAMETER (PVC)	L.F.	30
	730-14.02	SAW SLOT	L.F.	816
9	730-14.03	LOOP WIRE	L.F.	2520

FOOTNOTES

1. TO BE USED AS DIRECTED BY THE ENGINEER.
2. INCLUDES 3000 TONS FOR SPOT LEVELING.
3. FOR BITUMINOUS PLANT MIX OPEN GRADED FRICTION COURSE. SEE SPECIAL PROVISION 411 OGFC AND 411B.
4. FOR MATERIAL TRANSFER DEVICE SEE SPECIAL PROVISION 407G.
5. THE CONTRACTOR SHALL COMPLY WITH SECTION 712 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION REGARDING TEMPORARY TRAFFIC CONTROL AND THE CURRENT EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
6. THE CONTRACTOR MAY ELECT TO SUBSITUTE PREFORMED PLASTIC FOR THERMOPLASTIC. PREFORMED PLASTIC SHALL BE PAID FOR AT THE SAME UNIT PRICE AS BID FOR THERMOPLASTIC.
7. FOR TEMPORARY PAVEMENT MARKING ON INTERMEDIATE LAYERS AND COLD PLANED SURFACES.
8. ITEM TO BE USED ONLY WHEN THE CONTRACTOR ESTABLISHES A REDUCED SPEED LIMIT WITHIN THE PROJECT CONSTRUCTION WORK ZONE LIMITS. ITEM INCLUDES SIGN FACE, SUPPORTS, AND TWO TYPE “B” FLASHERS PER THE STANDARD SPECIFICATIONS. THE CONTRACTOR WILL BE RESPONSIBLE FOR TURNING ON THE TYPE “B” FLASHERS WHEN WORKERS ARE IN THE CONSTRUCTION WORK ZONE AND TURNING THEM OFF WHEN WORKERS ARE NO LONGER IN THE CONSTRUCTION WORK ZONE.
9. ITEM INCLUDES AN EXTRA 320’ (20’ PER LOOP) THAT IS TO REMAIN IN PULL BOX FOR INSTILLATION BY TRAFFIC COUNTER PERSONNEL.
10. INCLUDES QUANTITY FOR ROADWAY UNDERPASS DURING REPAIR ON OVERHEAD BRIDGE.
11. CONTRACTOR SHALL USE RIBBON METHOD FOR APPLICATION.

SIGNS CONSTRUCTION 712-06

QUANTITY	M.U.T.C.D. NO.	DESCRIPTION	SIZE	712-06 S.F.
4	G20-1	ROAD WORK NEXT 4 MILES	48 x 24	32
4	G20-2	END ROAD WORK	48 x 24	32
4	W20-1	ROAD WORK 1 MILE	48 x 48	64
4	W20-5R	RIGHT LANE CLOSED ½ MILE	48 x 48	64
4	W20-5L	LEFT LANE CLOSED ½ MILE	48 x 48	64
5	W20-1	ROAD WORK AHEAD	48 x 48	80
3	W21-1	GROOVED PAVEMENT - PORTABLE	48 x 48	48
4	W4-2R	RIGHT LANE ENDS SYMBOL	48 x 48	64
4	W4-2L	LEFT LANE ENDS SYMBOL	48 x 48	64
4	W20-7a	FLAGGER SYMBOL - PORTABLE	48 x 48	64
2	W16-2	SUPPLEMENTAL PLATE - PORTABLE	30 x 24	10
6	W8-9a	SHOULDER DROP-OFF - PORTABLE	48 x 48	96
6	W8-11	UNEVEN LANES - PORTABLE	48 x 48	96
		TOTAL S.F.		778

TRAFFIC COUNTERS AND WEATHER STATIONS

Traffic Counters I-65 NB @ L.M. 20.26, 20.81, 21.29
Traffic Counters I-65 SB @ L.M. 20.35, 20.88
Cameras I-65 NB @ L.M. 18.99, 19.74, 20.81
Cameras I-65 SB @ L.M. 18.33

ESTIMATED BRIDGE QUANTITIES

ITEM NO.	DESCRIPTION	UNIT	QUANTITY 94002-8193-44
604-10.50	BRIDGE DECK REPAIRS (PARTIAL DEPTH OF SLAB)	S.Y.	5
604-10.53	CONCRETE REPAIRS	S.Y.	5
617-04.01	TYPE 1 THIN EPOXY OVERLAY (EPOXY-URETHANE)	S.Y.	2430

BRIDGE NOTES

LOCATION	LENGTH (FT.)	RECOMMENDATION
L.M. 18.97	39	PAVE WITH PLANS QUANTITY
L.M. 19.54 R	200	COLD PLANE 1.25" OF THE EXISTING ASPHALT AND REPLACE WITH 1.25" NEW ASPHALT
L.M. 19.54 L	200	COLD PLANE 1.25" OF THE EXISTING ASPHALT AND REPLACE WITH 1.25" NEW ASPHALT
L.M. 21.25	98	PROVIDE DECK REPAIR ITEM - SEAL WITH SYSTEM "A" OR "B" MEMBRANE

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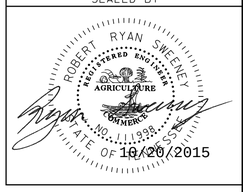

SPECIAL NOTE

THE CONTRACTOR SHOULD TAKE EXTREME CARE WHEN COLD PLANING THE EXISTING ASPHALT OFF BRIDGE DECK SO AS TO NOT TO DAMAGE THE EXISTING DECK SEALANT AND/OR EXPANSION JOINT MEMBERS (STEEL PLATES, BARS, AND/OR HEADERS).
IF DAMAGE DOES OCCUR, THE CONTRACTOR SHALL BE RESPONSIBLE FOR NECESSARY REPAIRS ON ALL DAMAGED MEMBERS TO THE SATISFACTION OF THE PROJECT ENGINEER AT NO ADDITIONAL COST.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

ESTIMATED ROADWAY QUANTITIES

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