TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF	2016	NH-I-75-1(139)	2
		06001-8180-44	
		54001-8182-44	
BRIDGE		06001-4180-04	

BRADLEY CO. ESTIMATED ROADWAY QUANTITIES

	ITEM NO.	DESCRIPTION	UNIT	QUANTITY
(1)-	303-01	MINERAL AGGREGATE, TYPE A BASE, GRADING D	TON	1572
(2)-	403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	TON	124
(3)(4)-	411-03.07	ACS MIX(PG64-22) THIN LIFT CS ASPHALT	TON	1994
(3)-	411-03.09	ACS MIX(PG76-22) THIN LIFT CS ASPHALT	TON	4228
(3)(5)(6)-	411-03.23	ACS MIX(PG76-22) OGFC	TON	8613
(7)-	411-12.01	SCORING SHOULDERS (CONTINUOUS) (16IN WIDTH)	L.M.	7.9
(8)-	415-01.02	COLD PLANING BITUMINOUS PAVEMENT	S.Y.	176564
	705-08.11	PORTABLE IMPACT ATTENUATOR NCHRP350 TL-3	EACH	2
(9)-	712-01	TRAFFIC CONTROL	LS	0.5
	712-01.51	PORTABLE BARRIER RAIL DELINEATOR (DOUBLE)	EACH	75
	712-02.02	INTERCONNECTED PORTABLE BARRIER RAIL	L.F.	1500
	712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	EACH	250
	712-05.01	WARNING LIGHTS (TYPE A)	EACH	25
	712-05.03	WARNING LIGHTS (TYPE C)	EACH	28
(10)-	712-06	SIGNS (CONSTRUCTION)	S.F.	1437
(11)-	712-06.16	SIGNS (CONSTRUCTION)(REDUCED SPEED WARNING)	EACH	2
	712-08.03	ARROW BOARD (TYPE C)	EACH	1
(12)-	712-08.10	MOBILE MESSAGE SIGN UNIT W/ATTENUATOR	HOUR	1000
(13)(14)-	713-02.14	FLEXIBLE DELINEATOR (WHITE)	EACH	530
	713-16.01	CHANGEABLE MESSAGE SIGN UNIT	EACH	1
(15)-	716-01.11	RAISED PVMT MARKERS (BI-DIRECTIONAL) (1 COLOR LENS)	EACH	5300
	716-01.23	Snwplwble Pvmt Mrkrs (Bi-Dir)(2 Color)	EACH	5320
	716-01.30	REMOVAL OF SNOWPLOWABLE REFLECTIVE MARKER	EACH	3250
(16)-	716-02.04	PLASTIC PAVEMENT MARKING(CHANNELIZATION STRIPING)	S.Y.	1640
(17)-	716-05.20	PAINTED PAVEMENT MARKING (6" LINE)	L.M.	59.4
	716-12.02	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)	L.M.	24
(18)(19)-	716-12.03	ENHANCED FLATLINE THERMO PVMT MRKNG (8IN BARRIER LINE)	L.F.	3350
	716-12.05	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN DOTTED LINE)	L.F.	2262
	717-01	MOBILIZATION	LS	0.5

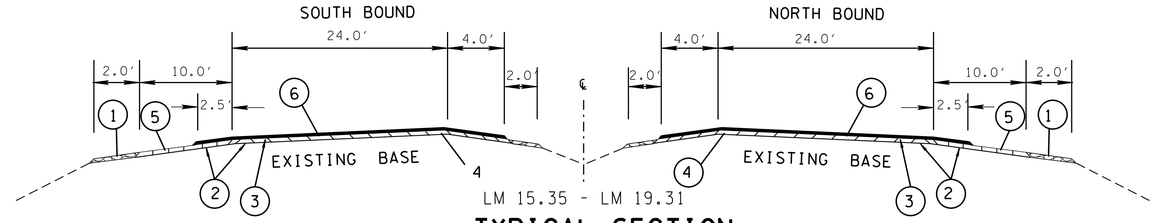
FOOTNOTES

(1) TO BE PLACED ON ALL SHOULDERS AFTER C-S MIX IS SPREAD AS DIRECTED BY TDOT PROJECT SUPERVISOR.
(2) INCLUDES 4.5 TONS FOR EXIT 33 RAMPS.
(3) MATERIAL TRANSFER DEVICE (MTD) TO BE USED ON ALL MIXES. COST TO BE INCLUDED IN THE UNIT PRICE BID ON ASPHALT PAVEMENT ITEMS. SEE SPECIAL PROVISION 407G.
(4) INCLUDES 484 TONS FOR EXIT 33 RAMPS.
(5) INCLUDES 819 TONS FOR EXIT 33 RAMPS.
(6) SEE SPECIAL PROVISION NO. 411B FOR RIDEABILITY.
(7) SCORING FOR TO BE PLACED ON INSIDE SHOULDER ONLY AS PER STD DWG T-M-15.
(8) TO BECOME PROPERTY OF CONTRACTOR.
(9) INCLUDES ALL COST ASSOCIATED WITH NIGHT TIME WORK ZONE LIGHTING
(10) SEE SIGN TABULATION BLOCK THIS SHEET FOR DETAILS.
(11) 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 SHALL 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.
(12) SEE SPECIAL NOTE 14, SHEET 6 FOR INFORMATION.
(13) THE FLEXIBLE DELINEATORS SHALL BE BROWN AND INSTALLED AS DIRECTED BY THE TDOT PROJECT SUPERVISOR. SEE SPECIAL DETAIL ON SHEET NO 4 FOR LOCATIONS AND SPECIAL NOTE 42 ON SHEET NO. 6 FOR ADDITIONAL INFORMATION.
(14) INCLUDES REMOVAL AND PROPER DISPOSAL OF EXISTING DAMAGED FLEXIBLE DELINEATORS AS DIRECTED BY THE TDOT PROJECT SUPERVISOR.
(15) INCLUDES ALL COSTS ASSOCIATED WITH REMOVAL OF EXISTING SNOWPLOWABLE MARKERS.
(16) THE CONTRACTOR MAY ELECT TO SUBSTITUTE PREFORMED PLASTIC FOR THERMOPLASTIC THE SAME UNIT PRICE SHALL BE PAID FOR PREFORMED PLASTIC.
(17) FOR PAVEMENT MARKING ON MILLED SURFACE AND INTERMEDIATE LANE MARKING AS DIRECTED BY THE TDOT PROJECT SUPERVISOR.
(18) SHALL BE APPLIED USING RIBBON METHOD AS DIRECTED BY TDOT PROJECT SUPERVISOR.
(19) FOR PERMANENT PAVEMENT MARKING.

ATED BRIDGE QUANTITIES

ITEM NO.	DESCRIPTION	UNIT	QUANTITY
604-10.50	BRIDGE DECK REPAIRS (PARTIAL DEPTH OF SLAB)	S.Y.	920
604-10.30	BRIDGE DECK REPAIRS (FULL DEPTH OF SLAB)	S.Y.	20
617-01	BRIDGE DECK SEALANT	S.Y.	9386

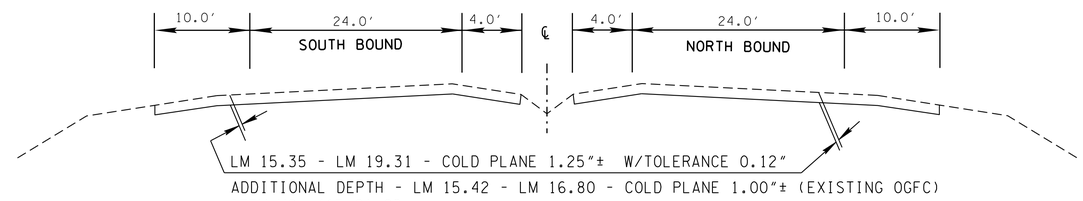
NOTE - FOR BRIDGE REPAIR DETAILS SEE SHEET NOS B-1.



TYPICAL SECTION

PROPOSED PAVEMENT SCHEDULE

1. TO BE PLACED ON ALL SHOULDERS AFTER CS MIX IS SPREAD AS DIRECTED BY TDOT PROJECT SUPERVISOR @ 1.5" DEPTH. ITEM 303-01 MINERAL AGGREGATE, TYPE A BASE, GRADING D
2. TACK COAT (TC) @ (0.10 GAL./S.Y.) ITEM 403-01 BITUMINOUS MATERIAL FOR TACK COAT (TC)
3. TACK COAT (TC) @ (0.07 GAL./S.Y.) ITEM 403-01 BITUMINOUS MATERIAL FOR TACK COAT (TC)
4. THIN LIFT "CS" MIX @ APPROX 65 LBS./S.Y. (WITHOUT SILICEOUS AGGREGATE) ITEM 411-03.09 ACS MIX(PG76-22) THIN LIFT CS MIX
5. THIN LIFT "CS" MIX @ APPROX 65 LBS./S.Y. (WITHOUT SILICEOUS AGGREGATE) ITEM 411-03.07 ACS MIX(PG64-22) THIN LIFT CS MIX
6. BITUMINOUS SURFACE @ 1.25"± THICK (APPROX. 110 LBS./S.Y.) ITEM 411-03.23 ACS MIX(PG76-22) OGFC



COLD PLANING DETAIL

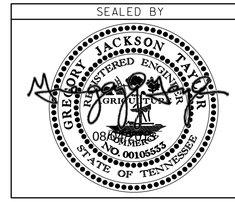
BRADLEY TABULATED SIGNS (CONST) 712-06

	QUANTITY	M.U.T.C.D. NO.	DESCRIPTION	SIZE IN	SIZE X IN	ITEM NO. 712-06 S.F.
	2	G20-1	ROAD WORK NEXT 8 MILES	64	24	21
	4	G20-2	END ROAD WORK	48	24	32
(A)	2	R4-1MOD	DO NOT PASS IN RIGHT LANE	120	42	70
(B)	2	TN-55A	RECORD-A-COMMENT	96	48	64
	2	W1-4AR	SHIFT RIGHT SYMBOL	48	48	32
	4	W3-4	BE PREPARED TO STOP	48	48	64
	2	W4-2R	RIGHT LANE ENDS (SYMBOL)	48	48	32
	42	W8-11	UNEVEN LANES	48	48	672
	2	W20-1	ROAD WORK AHEAD	48	48	32
	2	W20-1	ROAD WORK 2 MILES	48	48	32
	2	W20-1	ROAD WORK 1500 FT	48	48	32
	2	W20-1	ROAD WORK 1000 FT	48	48	32
	2	W20-1	ROAD WORK 500 FT	48	48	32
	2	W20-5R	RIGHT LANE CLOSED 1 MILE	48	48	32
	2	W20-5R	RIGHT LANE CLOSED 1/2 MILE	48	48	32
	2	W20-5R	RIGHT LANE CLOSED 1500 FT	48	48	32
	2	W20-7a	FLAGGER	48	48	32
	8	TN-64	GROOVED PAVEMENT	48	48	128
	2	W21-2	FRESH OIL	36	36	18
	1	SPECIAL	MERGE NOW	48	48	16
			TOTAL			1437

(A) BLACK LEGEND ON WHITE RETROREFLECTIVE BACKGROUND.
(B) 96"x48" (BLUE BACKGROUND WITH WHITE COPY) 0.100" SHEET ALUMINUM.

SEE FIGURE 6F-1 OF FIGURES SHOWN IN CURRENT M.U.T.C.D. THIS CONSTRUCTION SIGNING IS TO BE CONSTRUCTED AS A MINIMUM. OTHER SIGNS AS DIRECTED BY THE ENGINEER MAY BE REQUIRED DURING DIFFERENT PHASES.

SEALED BY



BRADLEY CO.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

ESTIMATED QUANTITIES & TYPICAL SECTIONS

04-AUG-2015 06:14
\\JU02WF01.tdot.state.tn.us\02Shared\Design County Folders\Design Resurfacing Folders\Resurf 2016\Interstates\2 Bradley-McMinn I-75,I5,35-19,35_0.00-4.03\002_Bra-I-75-EST&TYP .dgn