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

TRAFFIC CONTROL PLAN - PHASING (1)

PHASE I - TRAFFIC CONTROL

THE EASTBOUND AND WESTBOUND OUTSIDE SHOULDER UPGRADES SHALL BE COMPLETED PER TYPICAL SECTION ON SHEET NO. 2D AND SHALL BEGIN 965 FEET FROM THE BEGINNING OF EACH APPROACH PAVEMENT AND EXTEND 855 FEET PAST THE END OF THE APPROACH PAVEMENT AFTER THE BRIDGE. THIS WORK SHALL BE DONE AT NIGHT WITH CLOSURE OF THE OUTSIDE LANE. WHEN THE OUTSIDE LANE IS OPEN TO TRAFFIC, THE CONTRACTOR SHALL FOLLOW THE STANDARD DROP-OFF TRAFFIC CONTROL SPECIAL NOTES ON SHEET NO. 5A AND SHOULDER CLOSURE DETAILS ON STD. DWG. T-WZ-18. FOR TRAFFIC CONTROL, SEE STD. DWGS. T-WZ-10, T-WZ-11 AND T-WZ-12 FOR DETAILS. CLOSE ANDERSON FARM ROAD, SEE SHEET NO. 5D FOR CLOSURE AND LOCAL DETOUR SIGNAGE.

PHASE II - TRAFFIC CONTROL

TRAFFIC IN EACH DIRECTION IS TO BE SHIFTED TO THE OUTSIDE SHOULDER PER PHASE II TRAFFIC CONTROL, SHEET NO. 5B, STD. DWG. T-WZ-10 AND STD. DWG. T-WZ-16. THE INTERIOR PORTION OF THE BRIDGE (EASTBOUND AND WESTBOUND) SHALL BE CONSTRUCTED FIRST. TRAFFIC LANES SHALL BE 11'-6" WITH 2'-0" SHOULDERS INSIDE AND OUTSIDE. PHASE III TRAFFIC CONTROL MAY BE UTILIZED DURING PHASE II TRAFFIC CONTROL TO ALLOW PHASE III CONSTRUCTION.

PHASE III - TRAFFIC CONTROL

THE MEDIAN DRAINAGE SYSTEM SHALL BE INSTALLED AND THE MEDIAN SHOULDERS AND FULL-WIDTH MEDIAN UPGRADES SHALL BE CONSTRUCTED TO ALLOW THE LANES TO BE SHIFTED. THE UPGRADES SHALL INCLUDE THE INSTALLATION OF THE 51" MEDIAN BARRIER WALL TO THE LIMITS SHOWN, SEE SHEET NO. 3. THIS WORK SHALL BE DONE AT NIGHT WITH CLOSURE OF THE INSIDE LANE. WHEN THE INSIDE LANE IS OPEN TO TRAFFIC, THE CONTRACTOR SHALL FOLLOW THE STANDARD DROP-OFF TRAFFIC CONTROL SPECIAL NOTES ON SHEET 4A. FOR TRAFFIC CONTROL, SEE STD. DWGS. T-WZ-10, T-WZ-11, T-WZ-12, AND T-WZ-21 FOR DETAILS.

PHASE IV - TRAFFIC CONTROL

TRAFFIC SHALL BE SHIFTED TO THE NEW PORTION OF THE BRIDGE IN BOTH THE EASTBOUND AND WESTBOUND DIRECTIONS PER PHASE IV TRAFFIC CONTROL, SHEET NO. 5C, STD. DWG. T-WZ-10 AND STD. DWG. T-WZ-16. TRAFFIC LANES SHALL BE 12'-0" WITH 2'-0" SHOULDERS INSIDE AND OUTSIDE. THE REMAINING PORTIONS OF THE BRIDGE SHALL BE CONSTRUCTED UTILIZING THIS PHASE OF TRAFFIC CONTROL INCLUDING THE COLD PLANING AND THE ASPHALT OVERLAY OF THE EXISTING LANES AND GUARDRAIL INSTALLATION AT BRIDGE ENDS. PHASE V TRAFFIC CONTROL MAY BE UTILIZED DURING PHASE IV TRAFFIC CONTROL PROVIDED NO GUARDRAIL REPLACES THE INTERCONNECTED PORTABLE BARRIER RAIL IN THE MEDIAN WHILE LANES ARE SHIFTED.

PHASE V - TRAFFIC CONTROL

THE INTERCONNECTED PORTABLE BARRIER RAIL LOCATED IN THE MEDIAN ALONG THE CENTERLINE OF INTERSTATE 40 SHALL BE REMOVED TO ALLOW THE INSTALLATION OF THE MEDIAN GUARDRAIL WHICH SHALL BE ATTACHED TO THE SINGLE SLOPE MEDIAN BARRIER WALL. THIS WORK SHALL BE DONE AT NIGHT WITH CLOSURE OF THE INSIDE LANE. SEE STD. DWG. T-WZ-10, T-WZ-11 AND STD. DWG. T-WZ-21 FOR DETAILS. ALL REMAINING COLD PLANING, PAVING, PERMANENT PAVEMENT MARKINGS, SNOWPLOWABLE PAVEMENT MARKERS AND RUMBLE STRIPS SHALL BE INSTALLED WITH LANE CLOSURES AT NIGHT UTILIZING STD. DWG. NOS. T-WZ-10, T-WZ-11, AND T-WZ-21 OR WITH SHOULDER CLOSURES UTILIZING STD. DWG. T-WZ-18. ALL WORK ON ANDERSON FARM ROAD SHALL BE COMPLETED DURING CLOSURE. THE ENGINEER SHALL DETERMINE WHEN ANDERSON FARM ROAD REOPENS.

(1)

ITEM NO. 712-06 SIGNS - PHASE III				
DESIGNATION	LEGEND	SIZE	NO. REQ'D.	SQ. FT.
R4-1 (MOD.)	DO NOT PASS IN RIGHT LANE	120"X42"	2	70
W1-4AR	LANE SHIFT RIGHT	48" X 48"	4	64
W4-2R	RIGHT LANE CLOSURE	48" X 48"	4	64
W20-1	ROAD WORK 2 MILES	48" X 48"	4	64
W20-5R	RIGHT LANE CLOSED 1500 FT	48" X 48"	4	64
W20-5R	RIGHT LANE CLOSED 1/2 MILE	48" X 48"	4	64
W20-5R	RIGHT LANE CLOSED 1 MILE	48" X 48"	4	64
SPECIAL	MERGE NOW	48" X 48"	2	32
			TOTAL	486

TRAFFIC CONTROL QUANTITIES (1) (2) (5)

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	ITEM NO. 712-06 (S.F.)	SIZE	M.U.T.C.D. NO.	REMARKS
705-08.51	PORTABLE IMPACT ATTENUATOR (NCHRP 350, TL-3)	EACH	4				
711-05.71	51 IN SINGLE SLOPE MEDIAN BARRIER WALL	L.F.	420				
711-05.74	CONCRETE MEDIAN BARRIER SINGLE SLOPE (STD-1-3SS)	L.F.	677				
712-01	TRAFFIC CONTROL	LS	1				
712-02.02	INTERCONNECTED PORTABLE BARRIER RAIL	L.F.	3,855				
712-02.47	BRIDGE MOUNTED INTERCONNECTED PORTABLE BARRIER RAIL	L.F.	2,516				
712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	EACH	400				
712-04.50	BARRIER RAIL DELINEATOR	EACH	196				
712-05.01	WARNING LIGHTS (TYPE A)	EACH	6				
712-05.03	WARNING LIGHTS (TYPE C)	EACH	190				
712-06	SIGNS (CONSTRUCTION)	S.F.	1,460				
712-06.16	SIGNS (CONSTRUCTION) (REDUCED SPEED WARING)	EACH	2				
712-07.03	TEMPORARY BARRICADES (TYPE III)	L.F.	48				
712-08.03	ARROW BOARDS (TYPE C)	EACH	4				
716-05.50	PAINTED PAVEMENT MARKINGS (8" LINE)	L.F.	36,656				
716-08.02	REMOVAL OF PVMT MKG (8" BARRIER LINE)	L.F.	27,610				
713-16.01	CHANGEABLE MESSAGE SIGN UNIT	EACH	8				
716-01.06	TEMPORARY RAISED PAVEMENT MARKER, WHITE	EACH	459				
716-01.07	TEMPORARY RAISED PAVEMENT MARKER, YELLOW	EACH	296				
716-01.22	SNWPLWABLE PVMT MRKRS (MONO-DIR) (1 COLOR)	EACH	830				
716-05.01	PAINTED PAVEMENT MARKING (4" LINE)	L.M.	0.1				
716-12.02	ENHANCED FLATLINE THERMO PVMT MRKING (6" LINE)	L.M.	3				
716-13.06	SPRAY THERMO PVMT MARKING (40 MIL) (4" LINE)	L.M.	0.1				
717-01	MOBILIZATION	LS	1				
	END ROAD WORK		4	32	48" x 24"	G20-2A	
	DO NOT PASS IN RIGHT LANE		2	70	120" x 42"	R4-1 (MOD.)	
	LANE SHIFT RIGHT		4	64	48" x 48"	W1-4AR	
	TWO LANE SHIFT LEFT		4	64	48" x 48"	W1-4BL	
	TWO LANE SHIFT RIGHT		4	64	48" x 48"	W1-4BR	
	RIGHT LANE CLOSURE		4	64	48" x 48"	W4-2R	
	ROAD WORK 2 MILES		4	64	48" x 48"	W20-1	
	ROAD WORK 1 MILE		4	64	48" x 48"	W20-1	
	LANE SHIFT 1/2 MILE		4	64	48" x 48"	W20-5	
	RIGHT LANE CLOSED 1500 FT		4	64	48" x 48"	W20-5R	
	RIGHT LANE CLOSED 1/2 MILE		4	64	48" x 48"	W20-5R	
	RIGHT LANE CLOSED 1 MILE		4	64	48" x 48"	W20-5R	
	MERGE NOW		2	32	48" x 48"	SPECIAL	
	RECORD - A - COMMENT		4	128	96" x 48"	TN-55A	
	GROOVED PAVEMENT		4	16	24" x 24"	TN-64	
TOTAL				**918**			

NOTE: SEE SHEET NO. 2A (ESTIMATED ROADWAY QUANTITIES) FOR FOOTNOTES TO EACH ITEM.

NOTE: SEE SHEET NO. 5D (TRAFFIC CONTROL - DETOUR) FOR ADDITIONAL SIGNS TO BE INCLUDED UNDER ITEM NO. 712-06, SIGNS (CONSTRUCTION).

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	11003-3134-94	5
CONST.	2014	BR-1-40-3(155)	5

(1) 02-05-13 JRG REVISED QUANTITIES, ADDED SIGNS, AND EDITED TRAFFIC CONTROL PHASING NOTES

(2) 04-26-13 JRG REVISED QUANTITY FOR ITEM NO. 705-08.51

(5) 03-19-13 JRG CHANGED ITEM NO. 711-05.70 TO ITEM NO. 711-05.71

JAMES R. GILLESPIE JR. REGISTERED ENGINEER AGRICULTURE NO. 102690 STATE OF TENNESSEE

04/04/2014

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN NOTES AND QUANTITIES