

Index Of Sheets

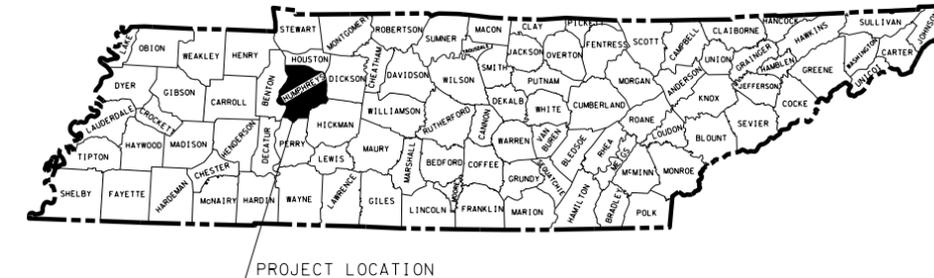
SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	ESTIMATED ROADWAY QUANTITIES
3	TYPICAL SECTIONS AND PAVEMENT SCHEDULE
4	GENERAL NOTES
5	SPECIAL NOTES

STATE OF TENNESSEE  
DEPARTMENT OF TRANSPORTATION  
BUREAU OF ENGINEERING

TENN.	YEAR	SHEET NO.
	2014	1
FED. AID PROJ. NO.	HSIP-13(55)	
STATE PROJ. NO.	43006-4219-04	
STATE PROJ. NO.	43006-3219-94	

**HUMPHREYS COUNTY**

STATE ROUTE NO. 13  
FROM TRACE CREEK BRIDGE (L.M. 19.35)  
TO BROWN HOLLOW ROAD (L.M. 25.87)  
**RESURFACING**



**STANDARD ROADWAY DRAWINGS**

DWG. NO. REV. DESCRIPTION  
**ROADWAY DESIGN STANDARDS**

RD-A-1 12-18-99 STANDARD ABBREVIATIONS  
RD-L-1 10-26-94 STANDARD LEGEND

**DRAINAGE - CULVERTS AND ENDWALL**

D-PG-3 04-15-97 FERROUS AND ALUMINUM CORRUGATED METAL PIPE  
**SAFETY APPURTENANCES AND FENCE**

S-GR31-1 W-BEAM GUARDRAIL  
S-GRT-3 TYPE 21 GUARDRAIL TERMINAL  
S-GRT-3D TYPE 21 GUARDRAIL TERMINAL (DETAILS)  
S-GRA3 GUARDRAIL ANCHOR FOR TYPE 21, 13 AND IN-LINE  
**TRAFFIC CONTROL APPURTENANCES**

T-M-1 11-01-11 DETAILS OF PAVEMENT MARKINGS FOR CONVENTIONAL ROADS AND MARKING ABBREVIATIONS  
T-M-2 01-15-13 DETAILS OF PAVEMENT MARKINGS FOR CONVENTIONAL ROADS MARKING STANDARDS FOR TRAFFIC ISLANDS, MEDIANS & PAVED SHOULDERS ON CONVENTIONAL ROADS  
T-M-3 09-19-91 MARKING STANDARDS FOR TRAFFIC ISLANDS, MEDIANS & PAVED SHOULDERS ON CONVENTIONAL ROADS  
T-M-4 11-01-11 STANDARD INTERSECTION PAVEMENT MARKINGS  
T-M-16 11-01-11 ASPHALT SHOULDER RUMBLE STRIPE INSTALLATION DETAILS FOR NON-ACCESS CONTROLLED ROUTES

STATE HIGHWAY NO. 13 F.A.H.S. NO. NA



SCALE: 1" = 1 MILE

43006-4219-04  
43006-3219-94  
END PROJ. NO. HSIP-13(55)  
(L.M. 25.87)

43006-4219-04  
43006-3219-94  
BEGIN PROJ. NO. HSIP-13(55)  
(L.M. 19.35)

**CSX CROSSING #350842M**  
**ROADWAY OVERHEAD CROSSING**

**SPECIAL NOTES**

PROPOSALS MAY BE REJECTED BY THE COMMISSIONER IF ANY OF THE UNIT PRICES CONTAINED THEREIN ARE OBVIOUSLY UNBALANCED, EITHER EXCESSIVE OR BELOW THE REASONABLE COST ANALYSIS VALUE.

THIS PROJECT TO BE CONSTRUCTED UNDER THE STANDARD SPECIFICATIONS OF THE TENNESSEE DEPARTMENT OF TRANSPORTATION DATED MARCH 1, 2006 AND ADDITIONAL SPECIFICATIONS AND SPECIAL PROVISIONS CONTAINED IN THE PLANS AND IN THE PROPOSAL CONTRACT.

TDOT ROAD SP. SV. 2 BILLY BINION  
DESIGNER SCOTT JOHNSON CHECKED BY TERRY ARNOLD  
P.E. NO. 98034-4299-04  
PIN NO. 082034.01

PROJECT LENGTH **6.33 MILES**  
TOTAL LANE MILES RESURFACED **12.7 MILES**

EXCLUSIONS	
LOG MILE	LENGTH (FT.)
TRACE CREEK (L.M. 19.35)	648'
BIG RICHARD CREEK (L.M. 24.71)	360'
TOTAL =	1008'

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**NOT FOR BIDDING**

SEALED BY

APPROVED: Paul D. Degges  
PAUL D. DEGGES, CHIEF ENGINEER

DATE: \_\_\_\_\_

APPROVED: John Schroer  
JOHN SCHROER, COMMISSIONER

U.S. DEPARTMENT OF TRANSPORTATION  
FEDERAL HIGHWAY ADMINISTRATION

APPROVED: \_\_\_\_\_  
DIVISION ADMINISTRATOR DATE

TRAFFIC DATA	
ADT (2014)	3830
V	45-55 MPH

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TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF.	2014	HS1P-13(55)	2

ESTIMATED ROADWAY QUANTITIES					
ITEM NO.	DESCRIPTION	UNIT	QUANTITY	SAFETY QUANTITY	TOTAL QUANTITY
			43006-4219-04	43006-3219-94	
1	303-01 MINERAL AGGREGATE, TYPE A BASE, GRADING D	TON	3351	25	3376
2	307-01.08 ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING B-M2	TON	200		200
	403-01 BITUMINOUS MATERIAL FOR TACK COAT (TC)	TON	49		49
3,4	411-01.10 ACS MIX(PG64-22) GRADING D	TON	7397		7397
	411-12.03 SCORING FOR RUMBLE STRIPE (NON-CONTINUOUS) (8IN WIDTH)	L.M.		9.5	9.5
5	415-01.01 COLD PLANING BITUMINOUS PAVEMENT	TON	4395		4395
	607-39.02 18" PIPE CULVERT (SIDE DRAIN)	L.F.	25		25
	705-01.04 METAL BEAM GUARD FENCE	L.F.		13	13
	705-02.20 SINGLE GUARDRAIL (TYPE 2) LONG POST (6 FT-9 FT)	L.F.		25	25
	705-04.04 GUARDRAIL TERMINAL (TYPE 21)	EACH		1	1
	705-04.05 GUARDRAIL TERMINAL (TYPE-IN-LINE)	EACH		2	2
	706-01 GUARDRAIL REMOVED	L.F.		50	50
	706-06.05 RADIUS RAIL LONG POST (6-9 FT)	L.F.		50	50
6	712-01 TRAFFIC CONTROL	LS	1		1
	712-04.01 FLEXIBLE DRUMS (CHANNELIZING)	EACH	25		25
	712-05.01 WARNING LIGHTS (TYPE A)	EACH	4		4
7	712-06 SIGNS (CONSTRUCTION)	S.F.	393		393
	716-01.21 SNWPLWBLE PVMT MRKRS (BI-DIR)(1 COLOR)	EACH		435	435
8	716-05.01 PAINTED PAVEMENT MARKING (4" LINE)	L.M.	25		25
9	716-13.01 SPRAY THERMO PVMT MRKNG (60 mil) (4IN LINE)	L.M.		25	25
	717-01 MOBILIZATION	LS	1		1

FOOTNOTES

- 25 TONS TO BE USED AT GUARDRAIL END TERMINAL.
- TO BE USED AS DIRECTED BY THE ENGINEER FOR SPOT LEVELING.
- FOR MATERIAL TRANSFER DEVICE, SEE SPECIAL PROVISION NO. 407G. FOR RIDEABILITY, SEE SPECIAL PROVISION 411C.
- INCLUDES 182 TONS FOR PRIVATE DRIVES, FIELD ENTRANCES, COUNTY ROADS AND BUSINESS ENTRANCES.
- FOR PROFILE MILLING, THE CONTRACTOR SHALL USE A MILLING MACHINE MEETING THE REQUIREMENTS OF SECTION 415 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND HAVE A MINIMUM OF A 12' MILLING HEAD WITH A MAXIMUM OF 3/8" SPACING OF TEETH. THE CONTRACTOR SHALL USE GRADE CONTROLS ON MILLING MACHINE TO IMPROVE SMOOTHNESS OF THE ROAD.
- 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.
- IN THE EVENT THAT A CONSTRUCTION AND/OR REGULATORY SIGN IS TEMPORARILY DESIGNATED NOT IN USE DURING THE CONSTRUCTION PHASE OF A PROJECT, THE CONTRACTOR SHALL CHOOSE A SIGN COVERING METHOD FROM A DESIGNATED LIST OF METHODS ACCEPTED BY THE DEPARTMENT. SAID SIGN COVERING METHOD SHALL BE SELECTED FROM QUALIFIED PRODUCTS LIST 10, SECTION D OR APPROVED BY THE DIVISION OF MATERIALS AND TEST AND SHALL BE USED TO COVER THESE SIGNS. NO OTHER METHOD FOR SIGN COVERING WILL BE ALLOWED. TEMPORARY SIGN COVERINGS SHALL NOT BE PAID FOR DIRECTLY BUT SHALL BE INCLUDED IN THE PRICE BID FOR ITEM NO. 712-06 SIGNS (CONSTRUCTION).
- FOR TEMPORARY PAVEMENT MARKING ON COLD PLANED SURFACE.
- QUANTITY IS BASED ON 13% NO PASS ON ONE SIDE AND 87% NO PASS BOTH SIDES AND EDGELINES FOR FINAL PAVEMENT MARKINGS. SEE SPECIAL PROVISION 716ST.

GUARDRAIL								
LOCATION	SIDE		GUARDRAIL				TERMINAL ANCHORS	
			METAL BEAM GUARD FENCE	SINGLE GUARDRAIL	GUARDRAIL REMOVED	RADIUS RAIL	ANCHOR TYPE 21	TYPE IN-LINE
	705-01.04 (L.F.)	705-02.20 (L.F.)	706-01 (L.F.)	706-06.05 (L.F.)	705-04.04 (EACH)	705-04.05 (EACH)		
L.M. 19.77		X	13	25	50	50	1	2
			13	25	50	50	1	2

SPECIAL BRIDGE NOTES

- (A) EXCLUDE RESURFACING ACROSS THE FOLLOWING STRUCTURES:  
TRACE CREEK/C.S.X. RAILROAD (L.M. 19.35)  
BIG RICHARD CREEK (L.M. 24.71)
- (B) COLD PLANE AND RESURFACE WITH PLANS QUANTITIES ACROSS THE FOLLOWING STRUCTURES:  
BRANCH (L.M. 21.68)  
LITTLE RICHARD CREEK (L.M. 21.70)  
BRANCH (L.M. 24.62)  
BRANCH (L.M. 25.78)

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**NO UTILITIES**

SIGNS (CONSTRUCTION) 712-06				
QUANTITY	M.U.T.C.D. NO.	DESCRIPTION	SIZE	712-06 S.F.
2	G20-1	ROAD WORK NEXT 6.6 MILES	36 x 18	9
2	G20-2	END ROAD WORK	36 x 18	9
2	W20-1	ROAD WORK 1500'	36 x 36	18
2	W20-1	ROAD WORK 1000'	36 x 36	18
2	W20-1	ROAD WORK 500'	36 x 36	18
19	W20-1	ROAD WORK AHEAD	36 x 36	171
2	W20-4	ONE LANE ROAD 1000' - PORTABLE	36 x 36	18
2	W20-7a	FLAGGER SYMBOL - PORTABLE	36 x 36	18
2	W16-2	SUPPLEMENTAL PLATE	24 x 18	6
2	W21-2	FRESH OIL - PORTABLE	36 x 36	18
2	W21-5	SHOULDER WORK - PORTABLE	36 x 36	18
2	W8-9a	SHOULDER DROP-OFF - PORTABLE	36 x 36	18
6	W8-11	UNEVEN LANES - PORTABLE	36 x 36	54
<b>TOTAL S.F.</b>				<b>393</b>

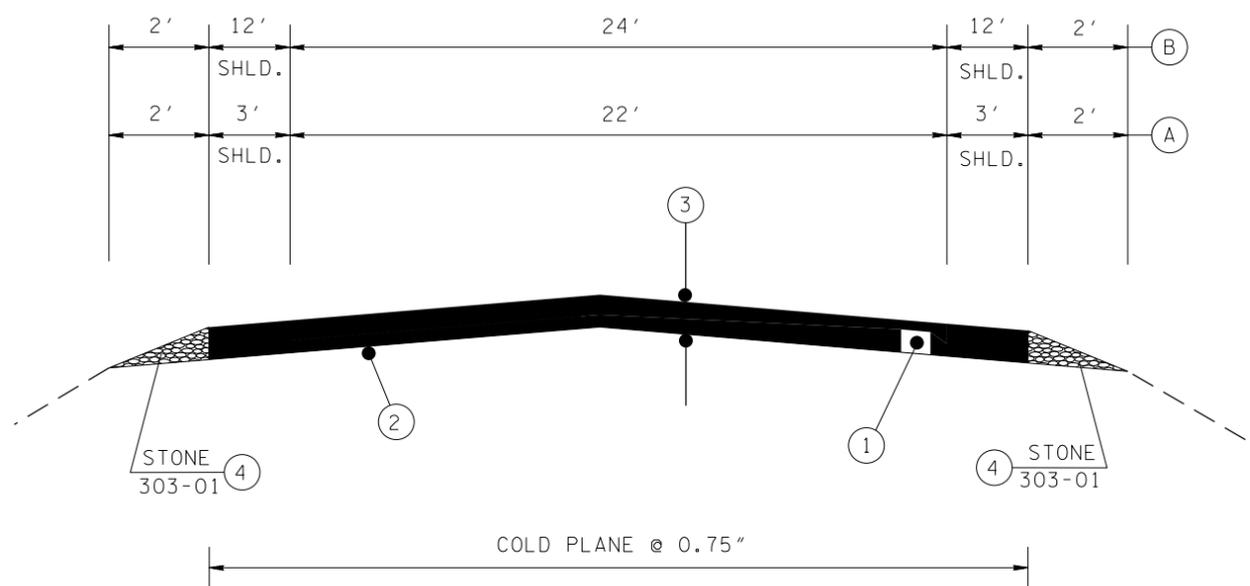
OTHER SIGNS, AS DIRECTED BY THE ENGINEER MAY BE REQUIRED DURING VARIOUS PHASES OF CONSTRUCTION AND WILL BE MEASURED AND PAID FOR AT THE UNIT BID PRICE. SEE CURRENT M.U.T.C.D. FOR STANDARDS AND TYPICAL APPLICATIONS.

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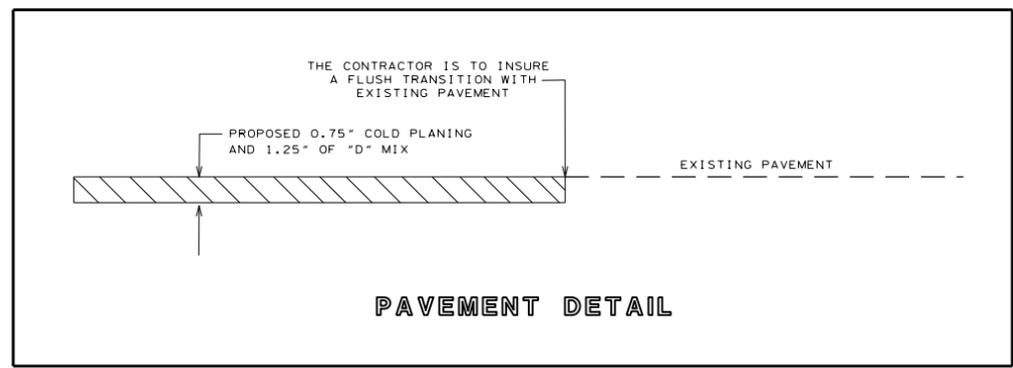
STATE OF TENNESSEE  
DEPARTMENT OF TRANSPORTATION

**ESTIMATED  
ROADWAY  
QUANTITIES**

TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF.	2014	HSIP-13(55)	3



TYPICAL SECTION  
 (A) LM. 19.35 TO LM. 24.49  
 LM. 24.98 TO LM. 25.87  
 (B) LM. 24.49 TO LM. 24.98



### Pre-Construction Ride Numbers

Project Ref. No.	HSIP-13(55)	Contract No.	N/A
Project No.	43006-3219-94/43006-4219-04	Region	3
Contractor	To Be Awarded	County	HUMPHREYS
Weather / Temp.	SUNNY	Route	13
Standard Specs.	55.0 HC-IRI Number	Test Date	April 17, 2014
Equip. Calib. Date	April 17, 2014	Test No.	1
		Pre-Con Test Date	April 17, 2014

PROPOSED PAVEMENT SCHEDULE	
①	SURFACE @ 1.25" THICK (132.5 LB/S.Y.) 411-01.10 ACS MIX (PG64-22) GRADING "D"
②	TACK COAT @ 0.1 GAL/SY 403-01 BITUMINOUS MATERIAL FOR TACK COAT (TC)
③	COLD PLANING @ 0.75" THICK 415-01.01 COLD PLANING OF BITUMINOUS PAVEMENT
④	MINERAL AGGREGATE BASE FOR SHOULDER @ 4" 303-01 MINERAL AGGREGATE, TYPE "A" BASE, GRADING "D"

Test Performed by TDOT Road Profiler								Average Roughness	
Test Limits		Direction and Measured Roughness ( HC-IRI Number Per Mile )						Pre-Constuction	
From	To	NSEW	*Lane	Pre Ride Number	Payment Table	Max. # for Final Ride	Min. Required %Improvement	Percent Pay	HC-IRI Number Per Mile
									51.1
0.00	1.00	N	1	53	Table 1	55.0		100	
1.00	2.00	N	1	43	Table 1	55.0		100	
2.00	3.00	N	1	52	Table 1	55.0		100	
3.00	4.00	N	1	44	Table 1	55.0		100	
4.00	5.00	N	1	54	Table 1	55.0		100	
5.00	6.00	N	1	54	Table 1	55.0		100	
6.00	6.54	N	1	50	Table 1	55.0		100	
REMARKS									
0.00	1.00	S	1	56	Table 1	55.0		100	
1.00	2.00	S	1	61	Table 1	55.0		100	FROM TRACE CREEK
2.00	3.00	S	1	48	Table 1	55.0		100	BRIDGE TO BROWN
3.00	4.00	S	1	53	Table 1	55.0		100	HOLLOW RD
4.00	5.00	S	1	47	Table 1	55.0		100	
5.00	6.00	S	1	43	Table 1	55.0		100	(LM 19.35 TO 25.87)
6.00	6.54	S	1	58	Table 1	55.0		100	

\*Lanes to be Left to Right each Direction - 1,2,3,4, etc. with 1 being the Inside Lane

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**\* SPECIAL PAVING NOTE \***

ALL SHOULDERS WILL BE DEGRASSED / CLIPPED AND CLEANED OF ALL VEGETATION, GRASS, AND DEBRIS. SEE SPECIAL NOTES. ALL COST TO BE INCLUDED IN OTHER ITEMS OF WORK.

STATE OF TENNESSEE  
DEPARTMENT OF TRANSPORTATION

**TYPICAL  
SECTIONS  
AND  
PAVEMENT  
SCHEDULE**

TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF.	2014	HS1P-13(55)	4

# GENERAL NOTES

## MISCELLANEOUS

- (1) THE CONTRACTOR SHALL BE REQUIRED TO REMOVE AND RESET MAILBOXES WHERE AND AS DIRECTED BY THE ENGINEER.
- (2) NOTHING IN THE GENERAL NOTES OR SPECIAL PROVISIONS SHALL RELIEVE THE CONTRACTOR FROM HIS RESPONSIBILITIES TOWARD THE SAFETY AND CONVENIENCE OF THE GENERAL PUBLIC AND THE RESIDENTS ALONG THE PROPOSED CONSTRUCTION AREA

## PAVEMENT MARKINGS

### TEMPORARY PAVEMENT MARKING ON INTERMEDIATE LAYERS

- (3) TEMPORARY PAVEMENT LINE MARKINGS ON INTERMEDIATE LAYERS OF PAVEMENT SHALL BE REFLECTIVE TAPE OR REFLECTORIZED PAINT INSTALLED TO PERMANENT STANDARDS AT THE END OF EACH DAYS WORK. SHORT, UNMARKED SECTIONS SHALL NOT BE ALLOWED. THESE MARKINGS WILL BE MEASURED AND PAID FOR UNDER ITEM NO. 716-05.01, PAINTED PAVEMENT MARKING (4" LINE), L.M.

### FINAL PAVEMENT MARKING IF 4" SPRAY THERMOPLASTIC (60 mil) IS USED

- (4) PERMANENT PAVEMENT LINE MARKINGS SHALL BE 4" SPRAY THERMOPLASTIC (60 mil) INSTALLED TO PERMANENT STANDARDS AT THE END OF EACH DAY'S WORK. SHORT UNMARKED SECTIONS SHALL NOT BE ALLOWED. PAVEMENT MARKINGS WILL BE MEASURED AND PAID FOR UNDER ITEM NO. 716-13.01, SPRAY THERMO PVMT MRKNG (60 mil) (4IN LINE), L.M. THE CONTRACTOR SHALL HAVE THE OPTION OF USING REFLECTORIZED PAINT INSTALLED TO PERMANENT STANDARDS AT THE END OF EACH DAY'S WORK AND THEN INSTALLING THE PERMANENT MARKINGS AFTER THE PAVING OPERATION IS COMPLETED. THE TEMPORARY MARKINGS FOR THE FINAL SURFACE WILL NOT BE MEASURED AND PAID FOR DIRECTLY, BUT THE COSTS ARE TO BE INCLUDED IN THE PRICE BID FOR THE PERMANENT MARKINGS.

## PAVEMENT

### PAVING

- (5) THE CONTRACTOR SHALL BE REQUIRED TO COLD PLANE AND PAVE IN THE DIRECTION OF TRAFFIC.

### RESURFACING

- (6) WHERE DIRECTED BY THE TDOT ENGINEER, THE CONTRACTOR SHALL BE REQUIRED TO SHAPE PUBLIC SIDE ROADS, BUSINESS ENTRANCES, AND PRIVATE DRIVES, AS WELL AS CLEANING OF EXISTING DRAINS BEFORE PLACING MATERIALS. ALL COSTS ARE TO BE INCLUDED IN THE PRICE BID FOR OTHER ITEMS OF CONSTRUCTION.
- (7) ALL PUBLIC SIDE ROADS SHALL BE PAVED ONE PAVER WIDTH THROUGH THE INTERSECTION AS A MINIMUM. A SATISFACTORY TRANSITION FROM THE NEW PAVEMENT TO THE EXISTING GRADE OF THE INTERSECTING PUBLIC ROAD OR BUSINESS ENTRANCE SHALL BE PROVIDED. SHOULD THE PAVEMENT OF THE INTERSECTING PUBLIC ROAD BE DISTRESSED, THE RESURFACING WIDTH MAY BE INCREASED TO THE NORMAL RIGHT OF WAY LINE.
- (8) PRIVATE DRIVEWAYS, FIELD ENTRANCES, AND BUSINESS ENTRANCES WILL BE RESURFACED A PAVER WIDTH (LANE WIDTH) AS A MINIMUM. A PAVEMENT TAPER TO TRANSITION THE NEW PAVEMENT SHALL BE REQUIRED, IT SHALL BE BASED ON AN ADDITIONAL ONE FOOT OF WIDTH PER ONE INCH DEPTH OF PAVEMENT. IF THE SHOULDER IS NARROW ENOUGH THAT THE SUM OF THE SHOULDER AND THE TRANSITION ARE LESS THAN A PAVER WIDTH, THE TRANSITION SHALL OCCUR WITHIN THE PAVER WIDTH. IF THE SUM OF THE SHOULDER AND THE TRANSITION IS GREATER THAN A PAVER WIDTH (LANE WIDTH), THE TRANSITION SHALL OCCUR OUTSIDE OF THE PAVER WIDTH.
- (9) IN ALL CASES, THE LENGTH OF THE PAVEMENT TRANSITION, THE THICKNESS AND WIDTH OF THE RESURFACING AND ANY ADDITIONAL PAVEMENT MATERIALS SHALL BE AS DIRECTED BY THE TDOT ENGINEER.

### CONSTRUCTION WORK ZONE & TRAFFIC CONTROL

- (10) ADVANCED WARNING SIGNS SHALL NOT BE DISPLAYED MORE THAN FORTY-EIGHT (48) HOURS BEFORE PHYSICAL CONSTRUCTION BEGINS. SIGNS MAY BE ERECTED UP TO ONE WEEK BEFORE NEEDED, IF THE SIGN FACE IS FULLY COVERED.

- (11) IF THE CONTRACTOR MOVES OFF THE PROJECT, HE SHALL COVER OR REMOVE ALL UNNEEDED SIGNS AS DIRECTED BY THE ENGINEER. COSTS OF REMOVAL, COVERING, AND REINSTALLING SIGNS SHALL NOT BE MEASURED AND PAID FOR SEPARATELY, BUT ALL COSTS SHALL BE INCLUDED IN THE ORIGINAL UNIT PRICE BID FOR ITEM NO 712-06, SIGNS (CONSTRUCTION) PER SQUARE FOOT.
- (12) A LONG TERM BUT SPORADIC USE WARNING SIGN, SUCH AS A FLAGGER SIGN, MAY REMAIN IN PLACE WHEN NOT REQUIRED PROVIDED THE SIGN FACE IS FULLY COVERED.
- (13) TRAFFIC CONTROL DEVICES SHALL NOT BE DISPLAYED OR ERECTED UNLESS RELATED CONDITIONS ARE PRESENT NECESSITATING WARNING.
- (14) USE OF BARRICADES, PORTABLE BARRIER RAILS, VERTICAL PANELS, AND DRUMS SHALL BE LIMITED TO THE IMMEDIATE AREAS OF CONSTRUCTION WHERE A HAZARD IS PRESENT. THESE DEVICES SHALL NOT BE STORED ALONG THE ROADWAY WITHIN THIRTY (30) FEET OF THE EDGE OF THE TRAVELED WAY BEFORE OR AFTER USE UNLESS PROTECTED BY GUARDRAIL, BRIDGE RAIL, AND/OR BARRIERS INSTALLED FOR OTHER PURPOSES FOR ROADWAYS WITH CURRENT ADT'S LESS THAN 1500 AND DESIGN SPEED OF LESS THAN 60 MPH. THIS DISTANCE SHALL INCREASE TO FORTY-FIVE (45) FEET FOR ROADWAYS WITH CURRENT ADT'S OF 1500 OR GREATER AND DESIGN SPEED OF 60 MPH OR GREATER OR ON THE OUTSIDE OF A HORIZONTAL CURVE. THESE DEVICES SHALL BE REMOVED FROM THE CONSTRUCTION WORK ZONE WHEN THE ENGINEER DETERMINES THEY ARE NO LONGER NEEDED. WHERE THERE IS INSUFFICIENT RIGHT-OF-WAY TO PROVIDE FOR THIS REQUIRED SETBACK, THE CONTRACTOR SHALL DETERMINE THE ALTERNATE LOCATIONS AND REQUEST THE ENGINEER'S APPROVAL TO USE THEM.
- (15) THE CONTRACTOR SHALL NOT BE PERMITTED TO PARK ANY VEHICLES OR CONSTRUCTION EQUIPMENT DURING PERIODS OF INACTIVITY, WITHIN THIRTY (30) FEET OF THE EDGE OF PAVEMENT WHEN THE LANE IS OPEN TO TRAFFIC UNLESS PROTECTED BY GUARDRAIL, BRIDGE RAIL, AND/OR BARRIERS INSTALLED FOR OTHER PURPOSES FOR ROADWAYS WITH CURRENT ADT'S LESS THAN 1500 AND DESIGN SPEED OF LESS THAN 60 MPH. THIS DISTANCE SHALL BE INCREASED TO FORTY-FIVE (45) FEET FOR ROADWAYS WITH CURRENT ADT'S OF 1500 OR GREATER AND DESIGN SPEED OF 60 MPH OR GREATER OR ON THE OUTSIDE OF A HORIZONTAL CURVE. PRIVATELY OWNED VEHICLES SHALL NOT BE ALLOWED TO PARK WITHIN THIRTY (30) FEET OF A OPEN TRAFFIC LANE AT ANY TIME UNLESS PROTECTED AS DESCRIBED ABOVE FOR ROADWAYS WITH CURRENT ADT'S LESS THAN 1500 AND DESIGN SPEED OF LESS THAN 60 MPH. THIS DISTANCE SHALL BE INCREASED TO FORTY-FIVE (45) FEET FOR ROADWAYS WITH CURRENT ADT'S OF 1500 OR GREATER AND DESIGN SPEED OF 60 MPH OR GREATER OR ON THE OUTSIDE OF A HORIZONTAL CURVE.. WHERE THERE IS INSUFFICIENT RIGHT-OF-WAY TO PROVIDE FOR THIS REQUIRED SETBACK, THE CONTRACTOR SHALL DETERMINE THE ALTERNATE LOCATIONS AND REQUEST THE ENGINEER'S APPROVAL TO USE THEM.

### EROSION PREVENTION AND SEDIMENT CONTROL

#### LITTER, DEBRIS, WASTE, PETROLEUM

- (16) THE CONTRACTOR SHALL ESTABLISH AND MAINTAIN A PROACTIVE METHOD TO PREVENT LITTER, CONSTRUCTION DEBRIS, AND CONSTRUCTION WASTES FROM ENTERING WATERS OF THE STATE/U.S. THESE MATERIALS WILL BE PICKED UP AND REMOVED FROM STORMWATER EXPOSURE PRIOR TO ANTICIPATED STORM EVENTS. AFTER USE, MATERIALS USED FOR EPSC WILL BE REMOVED FROM THE SITE.
- (17) THE CONTRACTOR SHALL TAKE APPROPRIATE STEPS TO ENSURE THAT PETROLEUM PRODUCTS OR OTHER CHEMICAL POLLUTANTS ARE PREVENTED FROM ENTERING WATERS OF THE STATE/U.S. ALL EQUIPMENT REFUELING, SERVICING, AND STAGING AREAS SHALL COMPLY WITH ALL LOCAL, STATE, AND FEDERAL LAWS, RULES, REGULATIONS, AND ORDINANCES, INCLUDING THOSE OF THE NATIONAL FIRE PROTECTION ASSOCIATION (NFPA). APPROPRIATE CONTAINMENT MEASURES FOR THESE AREAS SHALL BE USED. ALL SPILLS MUST BE REPORTED TO THE APPROPRIATE AGENCY, AND MEASURES SHALL BE TAKEN IMMEDIATELY TO PREVENT THE POLLUTION OF WATERS OF THE STATE/U.S., INCLUDING GROUNDWATER, SHOULD A SPILL OCCUR.

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**GENERAL  
NOTES**

29-APR-2014 14:49 \\J03WF01\dot.state.tn.us\035shared\SURVE\DESIGN\Resurfacing Plans\2014\07-July-2014 Letting\Humphreys SR 13\004 GeneralNotes.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF.	2014	HS1P-13(55)	5

# SPECIAL NOTES

## MISCELLANEOUS

- (1) THE CONTRACTOR WILL BE REQUIRED TO PERFORM THE FOLLOWING WORK AND INCLUDE ALL COSTS THEREOF IN THE PRICES BID FOR OTHER ITEMS OF CONSTRUCTION: REPAIR OF SHOULDERS AND DITCHES. SHOULDERS SHALL BE DEGRASSED, MATERIAL SHALL BE PICKED UP AND REMOVED. CLEANING AND STRAIGHTENING ENDS OF EXISTING SIDEDRAINS AND CROSSDRAINS WHERE DIRECTED BY THE ENGINEER.
- (2) THE CONTRACTOR SHALL TAKE EXTREME CARE WHEN WORKING AROUND EXISTING GUARDRAIL, HIGHWAY SIGNS, OR ANY DEPARTMENT OF TRANSPORTATION STRUCTURE TO AVOID DAMAGE DURING THE COURSE OF CONSTRUCTION. ANY DAMAGE WILL BE REPLACED OR REPAIRED AT HIS OWN EXPENSE.

## PAVEMENT MARKINGS

- (3) THE CONTRACTOR WILL BE REQUIRED TO ESTABLISH AND LOCATE ALL NO-PASSING ZONES. THE ESTABLISHMENT OF NO-PASSING ZONES IS TO BE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, 2009, PART III, MARKING. ALL NO-PASSING ZONES WILL BE APPROVED BY THE ENGINEER WITH ADVICE FROM THE REGIONAL TRAFFIC ENGINEER PRIOR TO THE MARKING APPLICATION.
- (4) THE CONTRACTOR IS TO PROVIDE THE LAYOUT OF ALL EXISTING PAVEMENT MARKINGS BEFORE BEGINNING THE RESURFACING PROJECT. EXISTING MARKINGS SHALL BE REFERENCED AS NEEDED TO ENSURE THAT ALL NEW MARKINGS ARE REPLACED IN THEIR CORRESPONDING LOCATIONS UNLESS OTHERWISE DIRECTED BY THE ENGINEER.

## PAVEMENT

### PAVING

- (5) SURFACE TO BE CROWNED AS DIRECTED BY THE ENGINEER..

### CONSTRUCTION WORK ZONE & TRAFFIC CONTROL

- (6) THE CONSTRUCTION SIGNS, FLAGMEN AND OTHER TRAFFIC CONTROL DEVICES WILL BE IN ACCORDANCE WITH THE CURRENT EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
- (7) ONE ADVANCE ROAD CONSTRUCTION AHEAD SIGN IS TO BE PLACED ON ALL SIDE ROADS PRIOR TO THEIR INTERSECTION WITH THE PROPOSED PROJECT. LOCATION TO BE DETERMINED IN THE FIELD BY THE ENGINEER OR CONTRACTORS SUPERINTENDENT.

### EROSION PREVENTION AND SEDIMENT CONTROL

### ENVIRONMENTAL

- (8) THE CONTRACTOR SHALL TAKE APPROPRIATE STEPS, BEFORE CLEANING OUT, REPAIRING OR REMOVAL/REPLACEMENT OF SIDE DRAINS AND CROSS DRAINS, TO ENSURE THAT THE DRAINAGE FEATURES / WATERCOURSES ARE NOT STREAMS OR WETLANDS. IF THE CONTRACTOR / TDOT INSPECTOR IS UNSURE WHETHER THE DRAINAGE FEATURES ARE STREAMS OR WETLANDS, THE INSPECTOR SHALL CONTACT HE TDOT ENVIRONMENTAL DIVISION, PERMITS SECTION TO OBTAIN THE APPROPRIATE PERMITS.
- (9) DUE TO THE TYPE OF WORK IT IS OUR UNDERSTANDING THAT THE PROJECT WILL NOT DISTURB MORE THAN ONE ACRE. IF THE DISTURBED AREA IS MORE THAN ONE ACRE, PLEASE CONTACT THE TDOT ENVIRONMENTAL DIVISION, PERMITS SECTION BECAUSE A NPDES PERMIT WILL BE REQUIRED.

## PAVEMENT EDGE DROP-OFF TRAFFIC CONTROL NOTES

- (10) DIFFERENCES IN ELEVATION BETWEEN ADJACENT TRAFFIC LANES OR TRAFFIC LANE AND SHOULDER WHERE THE TRAFFIC LANE IS BEING USED BY TRAFFIC, CAUSED BY BASE, PAVING OR RESURFACING:
  1. DIFFERENCES IN ELEVATION BETWEEN ADJACENT ROADWAY ELEMENTS GREATER THAN 0.75 INCH AND NOT EXCEEDING 2 INCHES:
    - a. WARNING SIGNS, UNEVEN PAVEMENT (W8-11) AND/OR SHOULDER DROP-OFF (W8-9A), SHALL BE PLACED IN ADVANCE OF AND THROUGHOUT THE EXPOSED AREA. MAXIMUM SPACING BETWEEN SIGNS SHALL BE 2,000 FEET WITH A MINIMUM OF 2 SIGNS PER EXPOSED AREA. WHERE UNEVEN PAVEMENT IS ENCOUNTERED, SIGNS SHALL BE PLACED ON EACH SIDE OF THE ROADWAY.
    - b. DIFFERENCES IN ELEVATION BETWEEN ADJACENT TRAFFIC LANES BEING UTILIZED BY TRAFFIC CAUSED BY ADDED PAVEMENT SHALL BE ELIMINATED WITHIN THREE WORKDAYS.
    - c. DIFFERENCES IN ELEVATION BETWEEN ADJACENT TRAFFIC LANES BEING UTILIZED BY TRAFFIC CAUSED BY COLD PLANING SHALL BE ELIMINATED WITHIN THREE WORKDAYS.
    - d. WHEN THE DIFFERENCE IN ELEVATION IS BETWEEN THE TRAFFIC LANE BEING UTILIZED BY TRAFFIC AND SHOULDER THE DIFFERENCE IN ELEVATION SHALL BE ELIMINATED WITHIN SEVEN WORKDAYS AFTER THE CONDITION IS CREATED.

## RAILROAD CROSSING NOTES

- (11) THE CONTRACTOR SHALL CONDUCT HIS WORK SO AS TO PROTECT THE RAILROAD'S TRACKS AND PROPERTIES FROM ANY DAMAGE. THE WORK SHALL BE DONE IN ACCORDANCE WITH REGULATIONS STIPULATED BY EACH INDIVIDUAL RAILROAD BEING AFFECTED BY THIS PROJECT SO AS TO MAINTAIN CLEARANCE AND NOT INTERRUPT TRAFFIC IN ANY MANNER.
- (12) THE CONTRACTOR SHALL NOT, FOR ANY REASON, STORE CONSTRUCTION EQUIPMENT UPON NOR STORE OR DUMP WASTE CONSTRUCTION MATERIALS UPON THE RAILROAD'S RIGHT-OF-WAY.
- (13) BRIDGES OVER CSXT RAILROAD AT L.M. 19.35 TO BE EXCLUDED FROM RESURFACING.
- (14) SEE AGREEMENT/STATE CONTRACT SPECIAL PROVISION 105C(R) REGARDING INSURANCE AND RAILROAD FLAGGING SERVICES REQUIREMENTS, FOR WORK OVER AND/OR ADJACENT TO THE RAILROAD'S RIGHT OF WAY. THIS IS PAVEMENT MARKING RESTIPING WORK OVER AND ADJACENT TO THE RAILROAD,

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**SPECIAL  
NOTES**