

Index of Sheets

SHEET NO.	SHEET NAME
1 ...	TITLE SHEET
2 ...	ESTIMATED ROADWAY QUANTITIES
3 ...	TYPICAL SECTIONS
4 ...	GENERAL NOTES AND SPECIAL NOTES
5 ...	PRE-CONSTRUCTION RIDE NUMBERS

Standard Roadway Drawings

DWG. NO.	REV.	DESCRIPTION
RD-A-1	12-18-99	STANDARD ABBREVIATIONS
RD-L-1	10-26-94	STANDARD LEGEND
RD01-S-11	04-04-03	DESIGN AND CONSTRUCTION DETAILS FOR ROADSIDE SLOPE DEVELOPMENT
T-M-1	07-24-14	DETAILS OF PAVEMENT MARKINGS FOR CONVENTIONAL ROADS AND MARKING ABBREVIATIONS
T-M-2	07-24-14	DETAILS OF PAVEMENT MARKINGS FOR CONVENTIONAL ROADS
T-M-3	07-24-14	MARKING STANDARDS FOR TRAFFIC ISLANDS, MEDIANS AND PAVED SHOULDERS ON CONVENTIONAL ROADS
T-M-4	07-24-14	STANDARD INTERSECTION PAVEMENT MARKINGS
S-GRT-2P		EARTH PAD FOR TYPE 38 TERMINAL
S-GRT-2R		EARTH PAD FOR TYPE 38 (RETROFIT)

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
BUREAU OF ENGINEERING

McNAIRY COUNTY

S.R. 142

FROM: L.M. 6.00 (ALBERT ROBINSON RD.)
TO: L.M. 11.70 (HARDIN CO. LINE)

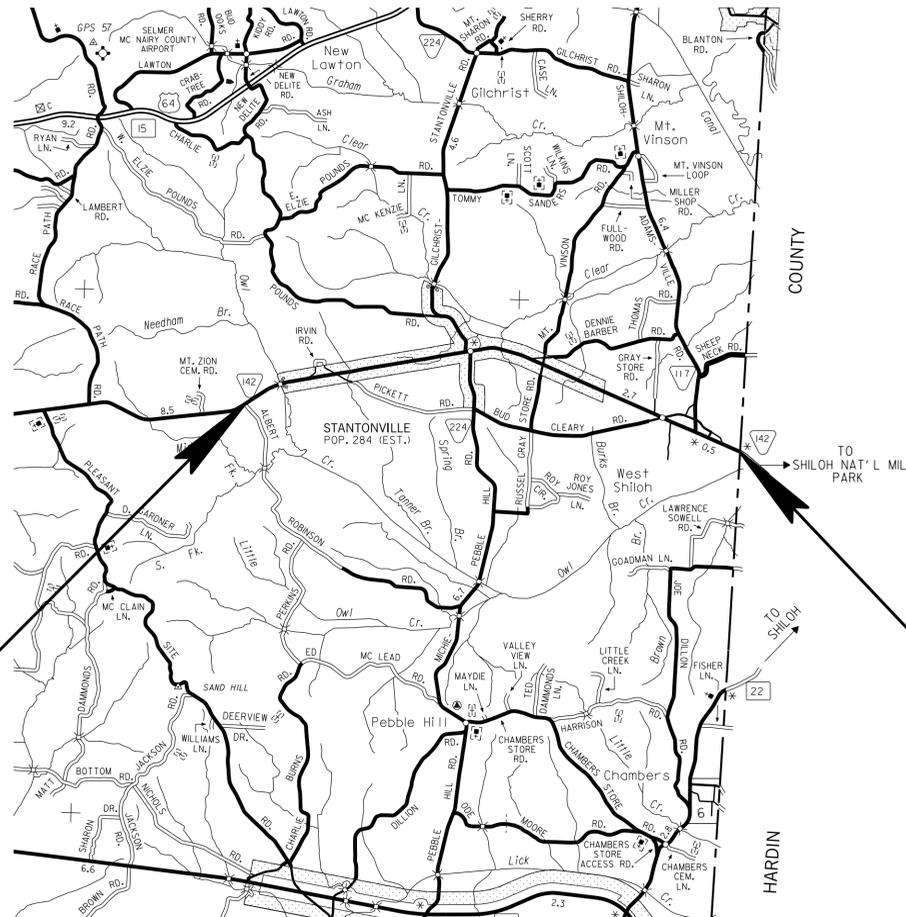
RESURFACING

STATE HIGHWAY NO. 142 F.A.H.S. NO. N.A.

TENN.	YEAR	SHEET NO.
	2015	1
FED. AID PROJ. NO.	HSIP-142(7)	
STATE PROJ. NO.	55011-4215-04	



PROJECT SITE



BEGIN PROJECT L.M. 6.00
(ALBERT ROBINSON RD.)

END PROJECT L.M. 11.70
(HARDIN CO. LINE)

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 JANUARY 1, 2015 AND ADDITIONAL SPECIFICATIONS AND SPECIAL PROVISIONS CONTAINED IN THE PLANS AND IN THE PROPOSAL CONTRACT

TDOT C.E. MANAGER 1 TABITHA CAVANESS, P.E., REG. 4

DESIGNER ROSE WILLIAMS/WILLIE COLEMAN, REG. 4 CHECKED BY WILLIE COLEMAN, REG. 4

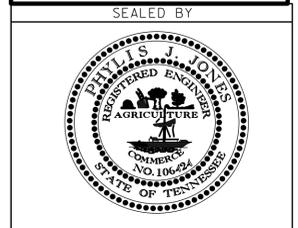
P.E. NO. 98043-4283-04
PIN: 117784.00

SCALE: 0 1 2 3 MILES

PROJECT LENGTH 5.70 MILES
TOTAL LANE MILES RESURFACED 11.40 MILES

TRAFFIC DATA	
ADT (2015)	970

UNOFFICIAL
SET
NOT FOR
BIDDING



APPROVED: *Paul D. Deagan*
CHIEF ENGINEER

DATE: _____

APPROVED: *John Schroer*
JOHN SCHROER, COMMISSIONER

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

APPROVED: _____
DIVISION ADMINISTRATOR

DATE: _____

TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF.	2015	HSIP-142(7)	2

FOOTNOTES

- ① USE FOR SHOULDERS ONLY.
- ② INCLUDES 786 TONS FOR COUNTY ROADS, CITY STREETS, PRIVATE DRIVES, FIELD ENTRANCES, AND BUSINESS FRONTS, 164 TONS ADDITIONAL PAVEMENT, 252 TONS FOR SPOT LEVELING AND 1127 TONS ADDITIONAL FOR REPLACEMENT OF COLD PLANE AT L.M. 6.46 TO L.M. 8.40 (12 FT. LANE)
- ③ SEE SPECIAL PROVISION NO. 407G FOR MATERIAL TRANSFER DEVICE AND SPECIAL PROVISION NO. 411C FOR RIDEABILITY SPECIFICATIONS.
- ④ FOR USE AT BRIDGE ENDS OUT 300' EACH END, 12' LANE AT L.M. 6.46 TO L.M. 8.40 AND 1982 SQ. YD. FOR ADDITIONAL EXTRA WIDTH
- ⑤ TO BE USED ON BUSINESS ENTRANCES, PRIVATE DRIVES AND FIELD ENTRANCES AS DIRECTED BY THE ENGINEER.
- ⑥ FOR UPGRADE OF EXISTING ANCHORS AT ALL STRUCTURE LOCATIONS IN PROJECT LIMITS. THE COST OF REMOVAL OF EXISTING GUARDRAIL AND ANCHORS TO BE INCLUDED IN THIS ITEM.
- ⑦ QUANTITY INCLUDES

2	ROAD WORK NEXT 6 MI.	(G20-1)	(48" X 24")
2	END ROAD WORK	(G20-2)	(48" X 24")
30	UNEVEN LANES	(W8-11)	(48" X 48")
16	ROAD WORK AHEAD	(W20-1)	(48" X 48")
2	ROAD WORK 1 MILE	(W20-1)	(48" X 48")
2	ROAD WORK 1500 FT.	(W20-1)	(48" X 48")
2	ROAD WORK 1000 FT.	(W20-1)	(48" X 48")
2	ROAD WORK 500 FT.	(W20-1)	(48" X 48")
2	ONE LANE ROAD AHEAD	(W20-4)	(48" X 48")
2	FLAGGER AHEAD	(W20-7a)	(48" X 48")
2	FRESH OIL	(W21-2)	(48" X 48")
12	SHOULDER WORK	(W21-5)	(48" X 48")
2	MOTORCYCLE GROOVE SIGN	(TN-64)	(48" X 48")

THIS CONSTRUCTION SIGNING IS TO BE AS A MINIMUM. OTHER SIGNS AS DIRECTED BY THE ENGINEER MAY BE REQUIRED DURING DIFFERENT PHASES.

- ⑧ FOR FINAL PAVEMENT MARKING ONLY.
- ⑨ FOR USE AS TEMPORARY LINE MARKINGS, INCLUDES 9.7 MILES FOR BREAKOUT, SPOT LEVELING, COUNTY ROAD, INTERSECTIONS AND CENTER LINE STRIPING.
- ⑩ FOR FINAL PAVEMENT LINE MARKINGS, INCLUDES 1 MILES FOR COUNTY ROADS AND INTERSECTIONS.

ESTIMATED ROADWAY QUANTITIES

ITEM NO.	DESCRIPTION	UNIT	55011-4215-04 QUANTITY	HSIP-142(7) QUANTITY	TOTAL QUANTITY
203-06	WATER	M.G.	11	0	11
① 303-02	MINERAL AGGREGATE, TYPE B BASE, GRADING (C OR D)	TON	1509	0	1509
②③ 307-01.10	ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING C-W	TON	8377	0	8377
403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	TON	30	0	30
④ 415-01.02	COLD PLANING BITUMINOUS PAVEMENT	S.Y.	17906	0	17906
⑤ 607-39.02	18" PIPE CULVERT (SIDE DRAIN)	L.F.	0	48	48
⑥ 705-04.07	TAN ENERGY ABSORBING TERM (NCHRP 350, TL3)	EACH	0	3	3
712-01	TRAFFIC CONTROL	LS	1	0	1
⑦ 712-06	SIGNS (CONSTRUCTION)	S.F.	1216	0	1216
716-01.21	Snwplwble Pvmt Mrks (Bi-Dir)(1 Color)	EACH	0	390	390
⑧ 716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	L.F.	0	347	347
⑨ 716-05.01	PAINTED PAVEMENT MARKING (4" LINE)	L.M.	14.06	0	14.06
⑩ 716-13.01	SPRAY THERMO PVMT MRKNG (60 mil) (4IN LINE)	L.M.	0	20.77	20.77
717-01	MOBILIZATION	LS	1	0	1

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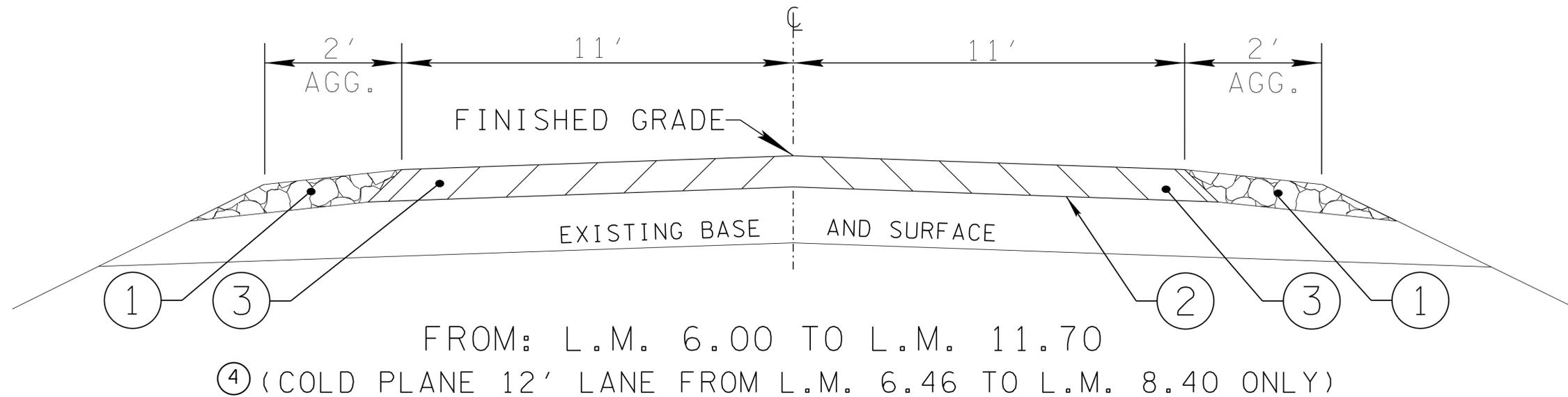


STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

**ESTIMATED
ROADWAY
QUANTITIES**

TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF.	2015	HSIP-142(7)	3

TYPICAL SECTION



PROPOSED PAVEMENT SCHEDULE	
①	MINERAL AGGREGATE BASE @ 2"± THICK FOR SHOULDERS ITEM 303-02 MINERAL AGGREGATE, TYPE "B" BASE, GRADING "C OR D"
②	TACK COAT (TC) ITEM 403-01 BITUMINOUS MATERIAL FOR TACK COAT (TC) (AT 0.07 GAL./S.Y.)
③	BITUMINOUS COURSE (LEVELING/WEARING) @ 1.50"± THICK (APPROX. 165.00 LBS./S.Y.) ITEM 307-01.10 ASPHALT CONCRETE MIX (PG64-22)(BPMB-HM) GRADING "C-W"
④	COLD PLANING @ 1.50"± THICK (APPROX. 157.50 LBS./S.Y.) ITEM 415-01.02 COLD PLANING BITUMINOUS PAVEMENT (300' OFF BR. END AND 12' LANE AT L.M. 6.46 TO L.M. 8.40 ONLY)

BRIDGE NOTE

THE CONTRACTOR SHALL:

④ LEAVE BRIDGE AS IS, @ L.M. 6.44 (99') BUT COLD PLANE THE ENDS OF BRIDGE OUT 300 FT. EA. @ 1.5" DEPTH (600')

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STATE OF TENNESSEE
 DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS
 (NOT TO SCALE)

