

Index Of Sheets

SEE SHEET NO. 1A FOR INDEX

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
BUREAU OF ENGINEERING

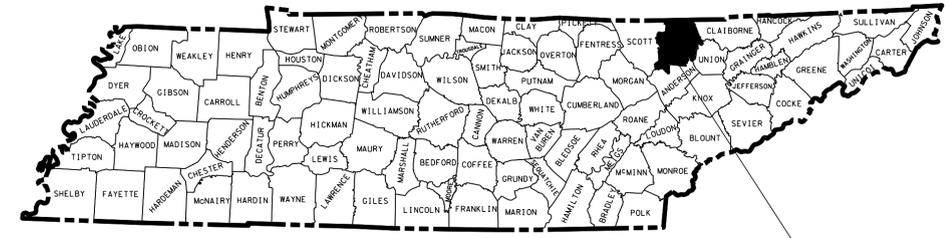
TENN.	YEAR	SHEET NO.
	2014	1
FED. AID PROJ. NO.	PHSIP/NH-SIP-9(70)	
STATE PROJ. NO.	07003-3241-94	
S.R. 9	CAMPBELL CO.	

CAMPBELL COUNTY

S.R. 9 (U.S. 25W): INTERSECTION AT RIDGE ROAD, L.M. 31.83 IN CARYVILLE

INTERSECTION IMPROVEMENTS

STATE HIGHWAY NO. 9 F.A.H.S. NO. 25W

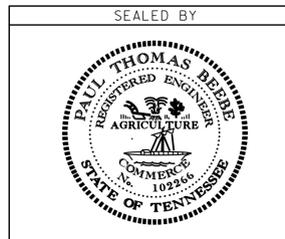


CAMPBELL CO.
S.R. 9

NO EQUATIONS
NO EXCLUSIONS

07003-3241-94
PROJECT LOCATION PHSIP/NH-SIP-9(70)
L.M. 31.83

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PROJECT OF LIMITED SCOPE

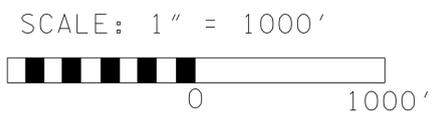
APPROVED: *Paul D. Degges*
PAUL D. DEGGES, CHIEF ENGINEER

DATE: _____

APPROVED: *John Schroer*
JOHN SCHROER, COMMISSIONER

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

APPROVED: _____
DIVISION ADMINISTRATOR DATE



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 TRANS. PROJ. SP. SV. 2 MAYSOON HADDAD
DESIGNER KENNY KERLEY CHECKED BY PAUL BEEBE
P.E. NO. 07003-1241-94 (DESIGN)
PIN 119042.00

PROJECT LENGTH 0.12 MILE

TRAFFIC DATA	
ADT (2014)	24055
POSTED SPEED	45 MPH

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NOTE: NO PROJECT COMMITMENTS SHEET INCLUDED IN THIS SET OF PLANS	

STANDARD ROADWAY DRAWINGS

ROADWAY DESIGN STANDARDS

DWG. NO.	REV.	DESCRIPTION
RD-A-1	12-18-99	STANDARD ABBREVIATIONS
RD-L-1	10-26-94	STANDARD LEGEND
RD01-SE-3	10-15-02	RURAL SUPERELEVATION DETAILS

SAFETY APPURTENANCES & FENCE

DWG. NO.	REV.	DESCRIPTION
S-CC-1		CRASH CUSHION

TRAFFIC CONTROL APPURTENANCES

DWG. NO.	REV.	DESCRIPTION
T-FAB-1	05-27-97	FLASHING YELLOW ARROW BOARD
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
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-PBR-2	11-01-11	DETAIL FOR VERTICAL PANELS AND FLEXIBLE DELINEATORS
T-S-10	04-04-12	STANDARD MOUNTING DETAILS-FLAT SHEET SIGNS, ALUMINUM-STEEL DESIGN
T-S-16	11-01-11	GROUND MOUNTED ROADSIDE SIGN AND DETAILS
T-S-17	07-09-13	STANDARD GROUND MOUNTED SIGN USING PERFORATED/KNOCKOUT SQUARE TUBE
T-S-19	07-09-13	STANDARD MEMBERS BENDAWAY SIGN SUPPORTS STEEL DESIGN
T-S-20	11-01-11	SIGN DETAILS
T-WZ-10	04-02-12	ADVANCE ROAD WORK SIGNING ON HIGHWAYS AND FREEWAYS
T-WZ-16	03-13-09	LANE SHIFT ON DIVIDED HIGHWAYS AND FREEWAYS

EROSION PREVENTION AND SEDIMENT CONTROL

DWG. NO.	REV.	DESCRIPTION
EC-STR-37	04-01-08	SEDIMENT TUBES

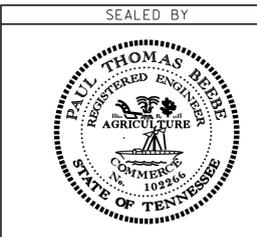
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	PHSIP/NH-SIP-9(70)	1A

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07003-3241-94

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

**INDEX AND
STANDARD
ROADWAY
DRAWINGS**

ESTIMATED ROADWAY QUANTITIES

ITEM NO.	DESCRIPTION	UNIT	QUANTITY
⑦ 203-01	ROAD & DRAINAGE EXCAVATION (UNCLASSIFIED)	C.Y.	12
① 209-03.20	FILTER SOCK (8 INCH)	L.F.	260
⑧ 303-01	MINERAL AGGREGATE, TYPE A BASE, GRADING D	TON	315
307-02.01	ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM) GRADING A	TON	90
307-02.08	ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM) GRADING B-M2	TON	59
② 402-01	BITUMINOUS MATERIAL FOR PRIME COAT (PC)	TON	0.5
403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	TON	1
411-02.10	ACS MIX(PG70-22) GRADING D	TON	35
415-01.02	COLD PLANING BITUMINOUS PAVEMENT	S.Y.	410
③ 705-08.51	PORTABLE IMPACT ATTENUATOR NCHRP350 TL-3	EACH	1
705-17.97	ATTENUATOR (NARROW- LOW MAINTENANCE)	EACH	1
706-01	GUARDRAIL REMOVED	L.F.	128
⑨ 712-01	TRAFFIC CONTROL	LS	1
② 712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	EACH	60
712-05.01	WARNING LIGHTS (TYPE A)	EACH	30
④ 712-06	SIGNS (CONSTRUCTION)	S.F.	500
② 712-09.02	REMOVABLE PAVEMENT MARKING (8" BARRIER LINE)	L.F.	6480
712-09.04	REMOVABLE PAVEMENT MARKING (STOP LINE)	L.F.	26
712-09.30	REMOVABLE BLACK-OUT TAPE (6")	L.F.	4860
⑤ 713-02.14	FLEXIBLE DELINEATOR (WHITE)	EACH	72
713-16.20	SIGNS (R1-1)	EACH	1
② ⑩ 716-01.05	TEMPORARY RAISED PAVEMENT MARKER	EACH	66
⑪ 716-01.22	SNWPLWBLE PVMT MRKRS (MONO-DIR)(1 COLOR)	EACH	43
⑥ 716-02.04	PLASTIC PAVEMENT MARKING(CHANNELIZATION STRIPING)	S.Y.	17
716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	L.F.	26
716-02.06	PLASTIC PAVEMENT MARKING (TURN LANE ARROW)	EACH	2
716-02.07	PLASTIC PAVEMENT MARKING (24" BARRIER LINE)	L.F.	133
716-04.14	PLASTIC PAVEMENT MARKING (LANE REDUCTION ARROW)	EACH	1
716-12.01	ENHANCED FLATLINE THERMO PVMT MRKNG (4IN LINE)	L.M.	1
716-12.04	ENHANCED FLATLINE THERMO PVMT MRKNG (4IN DOTTED LINE)	L.F.	261
717-01	MOBILIZATION	LS	1

FOOTNOTES

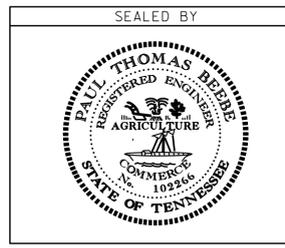
- ① SEE SUBSECTION 209.07 OF THE STANDARD SPECIFICATIONS FOR MAINTENANCE REPLACEMENT.
- ② TO BE INCREASED OR DECREASED AS DIRECTED BY TDOT SUPERVISOR.
- ③ THIS SHALL BE A PORTABLE ENERGY ABSORBING TERMINAL MEETING THE REQUIREMENTS OF NCHRP 350 FOR TEST LEVEL 3. EXAMPLES WOULD BE A QUAD-GUARD, A REACT 350 OR A TRACC. THE PAY ITEM WILL INCLUDE FURNISHING AND INSTALLING ALL COMPONENTS AS AS SHOWN ON THE MANUFACTURE'S DRAWING.
- ④ QUANTITY INCLUDES THE FOLLOWING SIGNS:

NO.	DESCRIPTION	CODE	SIZE	QUANTITY (SF)
13	ROAD WORK	W20-1	48"X48"	208
2	FLAGGER	W20-7d	36"X36"	18
4	LANE SHIFT	W20-5	48"X48"	64
2	SHOULDER DROP-OFF	W8-17	48"X48"	32
2	SHOULDER DROP-OFF	W8-17P	30"X24"	10
8	REVERSE CURVE	W1-4B	48"X48"	128
5	END ROAD WORK	G20-2	36"X18"	40
TOTAL:				500

THIS CONSTRUCTION SIGNING IS TO SERVE AS A GUIDE ONLY. OTHER SIGNS MAY BE REQUIRED AS DIRECTED BY THE TDOT SUPERVISOR.

- ⑤ SEE SHEET NO. 6 FOR APPROX. LOCATIONS.
- ⑥ THE CONTRACTOR MAY ELECT TO SUBSTITUTE PREFORMED PLASTIC FOR THERMOPLASTIC. PREFORMED PLASTIC SHALL BE PAID FOR AT THE SAME UNIT PRICE AS BID FOR THERMOPLASTIC.
- ⑦ FOR RAISED CONCRETE MEDIAN REMOVAL.
- ⑧ INCLUDES 22 TONS FOR MAINTENANCE OF TRAFFIC.
- ⑨ INCLUDES ALL COST OF REMOVING CONFLICTING PAVEMENT MARKINGS.
- ⑩ MISSING RAISED PAVEMENT MARKERS SHALL BE REPLACED AT THE INSTRUCTION OF THE ENGINEER. ALL RAISED PAVEMENT MARKERS SHALL BE REMOVED BEFORE PLACEMENT OF THE FINAL PAVEMENT SURFACE. THE COST OF REMOVAL SHALL BE INCLUDED IN THE PRICE BID FOR RAISED PAVEMENT MARKERS.
- ⑪ INCLUDES COST OF REMOVAL OF ANY EXISTING MARKERS.

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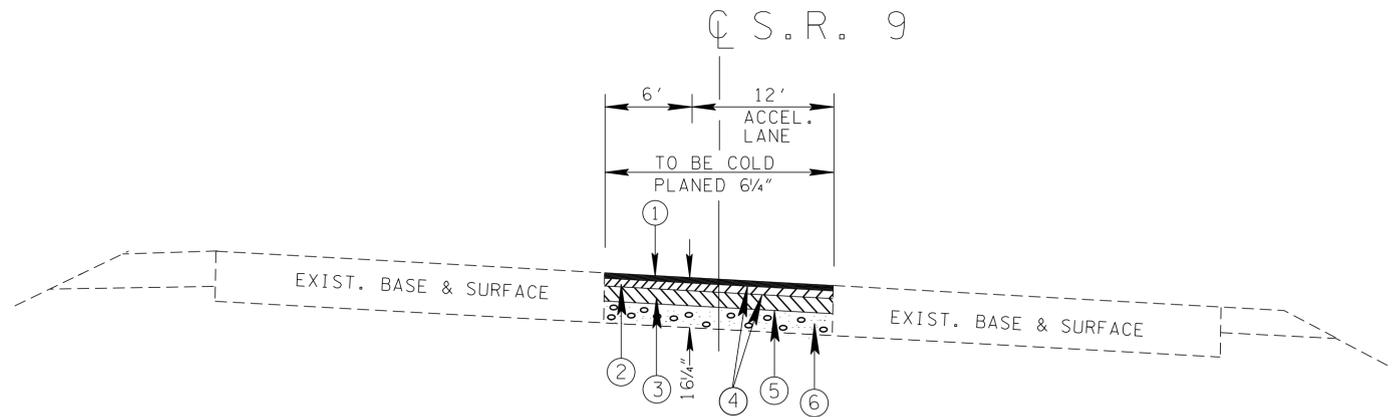


STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

**ESTIMATED
ROADWAY
QUANTITIES**

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	PHSIP/NH-SIP-9(70)	3

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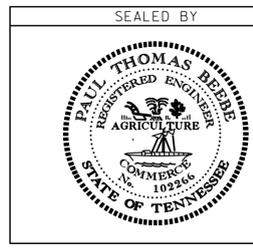
TYPICAL CROSS-SECTION OF IMPROVEMENT

LOG MILE 31.83 TO LOG MILE 31.88

PROPOSED PAVEMENT SCHEDULE

①	ASPHALTIC CONCRETE SURFACE (HM) 1 1/4" TH. (APPROX. 132.5 LBS./SQ. YD.) 411-02.10 ACS MIX (PG70-22) GRADING D
②	BITUMINOUS PLANT MIX BASE (HM) 2" TH. (APPROX. 226 LBS./SQ. YD.) 307-02.08 ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM) GRADING B-M2
③	BITUMINOUS PLANT MIX BASE (HM) 3" TH. (APPROX. 345 LBS./SQ. YD.) 307-02.01 ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM) GRADING A
④	TACK COAT @ 0.07 GAL./SQ. YD. 403-01 BITUMINOUS MATERIAL FOR TACK COAT (TC)
⑤	PRIME COAT @ 0.35 GAL./SQ. YD. 402-01 BITUMINOUS MATERIAL FOR PRIME COAT (PC)
⑥	MINERAL AGGREGATE BASE - @ 10" THICK (ROADWAY) 303-01 MINERAL AGGREGATE, TYPE A BASE, GRADING D

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

**TYPICAL
SECTIONS
AND
PAVEMENT
SCHEDULE**

GENERAL NOTES

GRADING

- (1) ANY AREA THAT IS DISTURBED OUTSIDE LIMITS OF CONSTRUCTION DURING THE LIFE OF THIS PROJECT SHALL BE REPAIRED BY THE CONTRACTOR AT HIS EXPENSE.
- (2) THE CONTRACTOR SHALL NOT DISPOSE OF ANY MATERIAL EITHER ON OR OFF STATE-OWNED R.O.W. IN A REGULATORY FLOOD WAY AS DEFINED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY WITHOUT APPROVAL BY SAME. ALL MATERIAL SHALL BE DISPOSED OF IN UPLAND (NON-WETLAND) AREAS AND ABOVE ORDINARY HIGH WATER OF ANY ADJACENT WATERCOURSE. THIS DOES NOT ELIMINATE THE NEED TO OBTAIN ANY OTHER LICENSES OR PERMITS THAT MAY BE REQUIRED BY ANY OTHER FEDERAL, STATE OR LOCAL AGENCY.

MISCELLANEOUS

- (1) 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

- (1) PERMANENT PAVEMENT LINE MARKINGS SHALL BE ENHANCED FLATLINE THERMOPLASTIC (4" LINE) 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. 716-12.01, ENHANCED FLATLINE THERMO PVMT MRKNG (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.

CONSTRUCTION WORK ZONE & TRAFFIC CONTROL

- (1) 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.
- (2) 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.
- (3) 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.
- (4) TRAFFIC CONTROL DEVICES SHALL NOT BE DISPLAYED OR ERECTED UNLESS RELATED CONDITIONS ARE PRESENT NECESSITATING WARNING.
- (5) 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.

- (6) 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.

- (7) ALL DETOUR AND CONSTRUCTION SIGNING SHALL BE IN STRICT ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.

EROSION PREVENTION AND SEDIMENT CONTROL

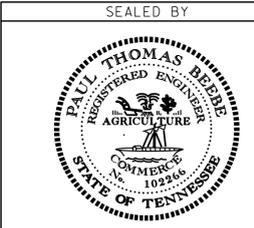
LITTER, DEBRIS, WASTE, PETROLEUM

- (1) 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.
- (2) 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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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

GENERAL
NOTES

SPECIAL NOTES

UTILITIES

- (1) UNLESS OTHERWISE NOTED, ALL UTILITY ADJUSTMENTS WILL BE PERFORMED BY THE UTILITY OR IT'S REPRESENTATIVE. THE CONTRACTOR AND UTILITY OWNERS WILL BE REQUIRED TO COOPERATE WITH EACH OTHER IN ORDER TO EXPEDITE THE WORK REQUIRED BY THIS CONTRACT.
- (2) THE CONTRACTOR WILL PROVIDE ALL NECESSARY PROTECTIVE MEASURES TO SAFEGUARD EXISTING UTILITIES FROM DAMAGE DURING CONSTRUCTION OF THE PROJECT. THE COST OF PROTECTING UTILITIES FROM DAMAGE AND FURNISHING ANY NECESSARY SPECIAL EQUIPMENT WILL BE INCLUDED IN THE PRICE BID FOR OTHER CONSTRUCTION ITEMS.
- (3) PRIOR TO SUBMITTING HIS BID, THE CONTRACTOR WILL BE SOLELY RESPONSIBLE FOR CONTACTING OWNERS OF ALL AFFECTED UTILITIES IN ORDER TO DETERMINE THE EXTENT TO WHICH UTILITY RELOCATIONS AND/OR ADJUSTMENTS WILL HAVE UPON THE SCHEDULE OF WORK FOR THE PROJECT. WHILE SOME WORK MAY BE REQUIRED 'AROUND' UTILITY FACILITIES THAT WILL REMAIN IN PLACE, OTHER UTILITY FACILITIES MAY NEED TO BE ADJUSTED CONCURRENTLY WITH THE CONTRACTOR'S OPERATIONS.
- (4) THE CONTRACTOR SHALL NOTIFY EACH INDIVIDUAL UTILITY OWNER OF HIS PLAN OF OPERATION IN THE AREA OF THE UTILITIES. PRIOR TO COMMENCING WORK, THE CONTRACTOR SHALL CONTACT THE UTILITY OWNERS AND REQUEST THEM TO PROPERLY LOCATE THEIR RESPECTIVE UTILITY ON THE GROUND. THIS NOTIFICATION SHALL BE GIVEN AT LEAST THREE (3) BUSINESS DAYS PRIOR TO COMMENCEMENT OF OPERATIONS AROUND THE UTILITY IN ACCORDANCE WITH TCA 65-31-106. NOTIFICATION BY CALLING THE TENNESSEE ONE CALL SYSTEM, INC. AT 1-800-331-1111 WILL ALSO BE REQUIRED.
- (5) UTILITY OWNERS SEE U1-1 SHEETS.

MISCELLANEOUS

- (1) ALL SIGNING AND PAVEMENT MARKINGS ARE TO BE IN ACCORDANCE WITH THE CURRENT EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.

CONSTRUCTION WORK ZONE & TRAFFIC CONTROL

- (1) DURING ALL PERIODS OF CONSTRUCTION INACTIVITY, THE CONTRACTOR SHALL BE REQUIRED TO KEEP ALL LANES OPEN IN ACCORDANCE WITH THE T.D.O.T. PAVEMENT DROP-OFF POLICY. THIS WILL REQUIRE THE REMOVAL OF ALL TRAFFIC CONTROL DEVICES ASSOCIATED WITH ANY LANE CLOSURES AT THE END OF THE WORK DAY AND THE REINSTALLATION OF THE DEVICES AT THE BEGINNING OF THE NEXT WORK DAY.
- (2) 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.

PAVEMENT EDGE DROP-OFF TRAFFIC CONTROL

- (1) DIFFERENCES IN ELEVATION BETWEEN ADJACENT ROADWAY ELEMENTS GREATER THAN 6 INCHES BUT NOT EXCEEDING 18 INCHES, THE CONTRACTOR, WITH THE ENGINEER'S APPROVAL, MAY UTILIZE ONE OF THE FOLLOWING:
 - a. THE CONTRACTOR SHALL ACCOMPLISH SEPARATION BY DRUMS, BARRICADES OR OTHER APPROVED DEVICES IN ACCORDANCE WITH THE FOLLOWING:
 - (1) WHERE POSTED SPEEDS ARE 50 MPH OR GREATER, SPACING OF THE PROTECTIVE DEVICES SHALL NOT EXCEED 100 FEET.
 - (2) WHERE POSTED SPEEDS ARE LESS THAN 50 MPH, THE MAXIMUM SPACING OF THE PROTECTIVE DEVICES IN FEET SHALL NOT EXCEED TWICE THE POSTED SPEED IN MILES PER HOUR OR 50 FEET, WHICHEVER SPACING IS GREATER.

IN ORDER TO USE THIS METHOD, THE CONTRACTOR MUST REDUCE THE DIFFERENCE IN ELEVATION TO 6 INCHES OR LESS BY THE END OF THE WORKDAY THAT THE CONDITION IS CREATED.

- b. THE CONTRACTOR SHALL PROVIDE DRUMS, BARRICADES OR OTHER APPROVED SEPARATION DEVICES AS SPECIFIED IN PARAGRAPH a, AND CONSTRUCT A STONE WEDGE WITH A 4:1 SLOPE, OR FLATTER, TO ELIMINATE THE VERTICAL OFFSET IF THE LOWER ELEVATION IS AT OR BELOW SUBGRADE AT THE END OF EACH DAY.
- c. THE CONTRACTOR SHALL PROVIDE DRUMS, BARRICADES OR OTHER APPROVED SEPARATION DEVICES AS SPECIFIED IN PARAGRAPH a AND IF THE LOWER ELEVATION IS BASE STONE OR ASPHALT PAVEMENT, PLACEMENT OF SUBSEQUENT LAYERS OF PAVEMENT MUST BEGIN THE NEXT WORK DAY AND PROGRESS CONTINUOUSLY UNTIL THE DIFFERENCE IN ELEVATION IS ELIMINATED OR REDUCED TO SIX INCHES OR LESS.
- d. THE CONTRACTOR SHALL PROVIDE SEPARATION BY PORTABLE BARRIER RAIL.

FOR PRECEDING CONDITIONS a, b, AND c, THE CONTRACTOR SHALL USE THE SHOULDER DROP-OFF WARNING SIGN WITH PLAQUE (W8-17 AND W8-17P). IT SHALL BE PLACED IN ADVANCE OF AND THROUGHOUT THE EXPOSED AREA. MAXIMUM SPACING BETWEEN THE SIGNS SHALL BE 2,000 FEET WITH A MINIMUM OF 2 SIGNS PER EXPOSED AREA. IN THESE SITUATIONS, THE CONTRACTOR SHALL LIMIT HIS OPERATIONS TO ONE WORK ZONE NOT EXCEEDING 1 MILE IN LENGTH UNLESS OTHERWISE NOTED ON THE PLANS OR APPROVED BY THE ENGINEER. ONCE THE CONTRACTOR BEGINS WORK IN A WORK ZONE, A CONTINUOUS OPERATION SHALL BE MAINTAINED UNTIL THE DIFFERENCE IS ELIMINATED. SIMULTANEOUS WORK ON SEPARATE ROADWAYS OF DIVIDED HIGHWAYS WILL BE CONSIDERED INDEPENDENTLY IN REGARD TO RESTRICTION OF WORK ZONE ACTIVITY.

EROSION PREVENTION AND SEDIMENT CONTROL

DISTURBED AREA

- (1) ALL DISTURBED AREAS SHALL BE PROPERLY STABILIZED AS SOON AS PRACTICABLE.

SEDIMENT CONTROL

- (2) THE CONTRACTOR SHALL ESTABLISH AND MAINTAIN A PROACTIVE METHOD TO PREVENT THE OFF-SITE MIGRATION OR DEPOSIT OF SEDIMENT ON ROADWAYS USED BY THE GENERAL PUBLIC. OFFSITE VEHICLE TRACKING OF SEDIMENTS AND THE GENERATION OF DUST SHALL BE MINIMIZED.

STREAM/WETLAND

- (3) WETLANDS SHALL NOT BE USED AS EQUIPMENT STORAGE, STAGING OR TRANSPORTATION AREAS.

NPDES

- (4) 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.

SCOPE OF WORK

- (1) THIS PROJECT INCLUDES CONSTRUCTION OF AN ACCELERATION LANE FOR TRAFFIC FROM RIDGE ROAD TO SOUTHBOUND S.R. 9.
- (2) THIS PROJECT INCLUDES BASE, PAVEMENT AND COLD PLANING ON S.R. 9 AS INDICATED ON THE PLANS OR AS DIRECTED BY THE TDOT SUPERVISOR.
- (3) THIS PROJECT INCLUDES THE REMOVAL OF CONCRETE ISLANDS AND GUARDRAIL, THE INSTALLATION OF SIGNS, THE APPLICATION OF PAVEMENT MARKINGS AND THE INSTALLATION OF A CRASH CUSHION AS INDICATED ON THE PLANS OR AS DIRECTED BY THE TDOT SUPERVISOR.
- (4) THIS PROJECT INCLUDES THE USE OF TRAFFIC CONTROL DEVICES AND EROSION PREVENTION/SEDIMENT CONTROL DEVICES AS DIRECTED BY THE TDOT SUPERVISOR.

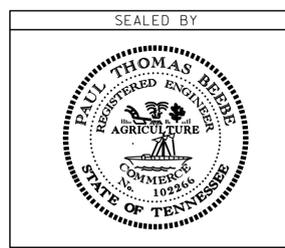
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	PHSIP/NH-SIP-9(70)	5

S.R. 9
07003-3241-94

CAMPBELL CO.
(CONST.)

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

**SPECIAL NOTES
&
SCOPE OF WORK**

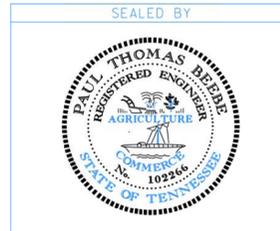
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	PHSIP/NH-SIP-9(70)	6

S.R. 9
07003-3241-94

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED
INTERSECTION
LAYOUT

SCALE: 1" = 50'

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