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

TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF	2016	NH-I-81-1(127)	6

I-81 GREENE CO.
30100-8109-44

REV. 10-28-15: REVISED PAVEMENT-RESURFACING NOTES 6D AND 6G.

SPECIAL NOTES

GUARDRAIL

(1) THE CONTRACTOR SHALL NOT REMOVE ANY EXISTING GUARDRAIL AND/OR END TERMINAL UNTIL THE TDOT OPERATIONS DISTRICT ENGINEER CONCURS IN THE NECESSITY OF REMOVAL DUE TO CONSTRUCTION REQUIREMENTS AND THE APPORIATE WARNING DEVICES ARE INSTALLED. THE PROPOSED GUARDRAIL AND/OR END TERMINAL SHALL BE INSTALLED QUICKLY TO MINIMIZE TRAFFIC EXPOSURE TO ANY HAZARD. NO PAYMENT WILL BE MADE FOR ANY GUARDRAIL AND/OR END TERMINAL UNTIL IT IS COMPLETELY IN PLACE.

(2) IF ANY GUARDRAIL AND/OR END TERMINAL MUST TEMPORARILY BE LEFT INCOMPLETE AND EXPOSED TO TRAFFIC, THE CONTRACTOR SHALL USE TWO (2) TEMPORARY BARRICADES OR DRUMS WITH TYPE 'A' LIGHTS AND ROUNDED END ELEMENTS AS MINIMUM MEASURES TO PROTECT TRAFFIC FROM THE HAZARD OF AN EXPOSED END. ALL COST OF FURNISHING AND INSTALLING TEMPORARY MEASURES (BARRICADES, DRUMS, LIGHTS AND ROUNDED END ELEMENTS) SHALL BE INCLUDED IN THE COST OF THE GUARDRAIL AND/OR END TERMINAL.

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 UTILITES 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 SCHDULE 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 CONTACTOR'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) BUSIINESS 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 BE REQUIRED.

(5) UTILITY OWNERS

ELECTRIC: GREENEVILLE LIGHT & POWER SYSTEM

GAS: SPECTRA ENERGY

WATER/SEWER: GREENEVILLE WATER COMMISSION

CABLE: XFINITY /OR ADELPHIA BUSINESS SOLUTIONS

TELEPHONE: AT&T

MISCELLANEOUS

(1) ALL GUARDRAIL, GUARDRAIL POSTS AND SIGNS WHICH INTERFERE WITH CONSTRUCTION WILL BE REMOVED AND STORED BY STATE FORCES.

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

(3) PAVED SHOULDERS SHALL BE CLEANED (BROOMED) AND AGGREGATE SHOULDERS CLIPPED AND SHAPED BY THE CONTRACTOR AND PAYMENT MADE UNDER ITEM NO. 208-01. MINERAL AGGREGATE AND ASPHALTIC MATERIALS (FOR SHOULDERS) WILL BE ADDED BY THE CONTRACTOR AND PAYMENT MADE UNDER THEIR RESPECTIVE ITEM NUMBERS. THESE MATERIALS WILL BE PLACED TO EXISTING SHOULDER WIDTH OR AS DIRECTED BY THE TDOT OPERATIONS DISTRICT ENGINEER.

(4) THE CONTRACTOR WILL BE REQUIRED TO CUT TREES AND VEGETATION FLUSH WITH THE GROUND WITHIN 35' OF EDGE OF PAVEMENT OR WITHIN 10' IF PROTECTED BEHIND GUARDRAIL. NO ORNAMENTAL AND/OR DECORATIVE TREES SHALL BE CUT OUTSIDE OF THE CLEAR ZONE OR AS DIRECTED BY THE TDOT OPERATIONS DISTRICT ENGINEER. ALL TREES AND VEGETATION THAT ARE CUT WILL BE DISPOSED OF AT A SITE APPROVED BY THE TDOT OPERATIONS DISTRICT ENGINEER. COST TO BE INCLUDED IN THE UNIT BID PRICE FOR CLEARING AND GRUBBING, ITEM NO. 201-01.

PAVEMENT MARKINGS

(1) TEMPORARY PAVEMENT LINE MARKINGS ON INTERMEDIATE LAYERS OF PAVEMENT SHALL BE REFLECTIVE TAPE OR REFLECTORIZED PAINT INSTALLED TO PERMANENT STANDARDS BEFORE OPENING TO TRAFFIC. SHORT, UNMARKED SECTIONS SHALL NOT BE ALLOWED. THESE MARKINGS WILL BE MEASURED AND PAID FOR UNDER ITEM NO. 716-05.49, PAINTED PAVEMENT MARKING (8" LINE), L.M.

(2) THE CONTRACTOR WILL BE REQUIRED TO PROVIDE THE LAYOUT FOR ALL PAVEMENT MARKING REQUIRED ON THE PROJECT PRIOR TO BEGINNING WORK.

(3) RAMPS SHOULD BE MARKED UP TO WHERE THEY CONNECT TO THE INTERSECTING ROADWAY.

PAVEMENT - RESURFACING

(1) SURFACE IS TO BE CROWNED AS DIRECTED BY THE TDOT OPERATIONS DISTRICT ENGINEER.

(2) ALL SURPLUS PATCHING, JOINT MATERIAL AND CRACK SEALANT IS TO BE REMOVED BEFORE PLACING THE FIRST LAYER OF ASPHALT.

(3) STATE FORCES WILL REMOVE ALL RAISED PAVEMENT MARKERS, IF ANY, BEFORE RESURFACING IS BEGUN.

(4) ALL DEPTHS FOR COLD PLANING TO BE ±½" TOLERANCE.

(5) ON ALL SUPERELEVATED CURVES, THE CONTRACTOR SHALL INSURE THAT THE SHOULDER ROLLOVER RATES SHOWN IN THE TDOT STANDARD ROADWAY DRAWINGS ARE ACHIEVED.

(6) TRAFFIC WILL BE ALLOWED TO TEMPORARILY DRIVE ON THE MILLED SURFACE OF THE ROADWAY UNDER THE FOLLOWING CONDITIONS ONLY:

A. THE MILLED SURFACE IS FINE TEXTURED. THE FINE TEXTURE SHALL BE OBTAINED BY A MILLING MACHINE UTILIZING A MILLING HEAD WITH TEETH SPACING 3/8" OR LESS OPERATING AT LESS THAN 80 FEET PER MINUTE.

B. THE SURFACE SHALL BE SWEPT AND CLEANED OF ALL LOOSE MATERIALS.

C. THE DIFFERENCE IN ELEVATION BETWEEN THE MILLED SURFACE AND THE ADJACENT LANE SHALL NOT EXCEED 1 ½ INCHES.

D. THE MILLED SURFACE SHALL BE PAVED WITHIN 72 HOURS (OR 96 HOURS DEPENDING ON ADT).

E. RAIN OR INCLEMENT WEATHER IS NOT EXPECTED OR FORECASTED WITHIN 48 HOURS AFTER MILLING.

F. ALL APPLICABLE SIGNING IS INSTALLED IN ACCORDANCE WITH THE MUTCD. SIGNING SHALL INCLUDE MOTORCYCLE WARNING SIGNS (TN-64) PLACED IN ADVANCE OF ANY MILLED AREAS.

G. IF MILLED SURFACE BEGINS TO DETERIORATE, PAVING TO COVER UP DETERIORATING MILLED SURFACES SHOULD OCCUR AS DIRECTED BY THE ENGINEER DURING THE NEXT WORKING DAY. IF SEVERE DISTRESS OCCURS, IMMEDIATE RESPONSE WILL BE REQUIRED.

H. ONLY ONE LANE IN EACH DIRECTION SHALL HAVE A MILLED SURFACE AT ONE TIME.

(7) THE TACK COAT FOR OGFC SHOULD BE ALLOWED TO COOL AND CURE UNTIL A POINT IN TIME THAT THE TACK COAT DOES NOT PICK-UP OR TRACK DUE TO TRAFFIC FROM TRUCKS OR THE PAVING EQUIPMENT. COOLING AND/OR CURING TIMES OF THE TACK COAT MAY VARY BASED ON THE ENVIRONMENTAL CONDITION AT THE TIME OF PLACEMENT.

(8) THE CONTRACTOR SHOULD TAKE EXTREME CARE WHEN COLD PLANING THE EXISTING ASPHALT OFF BRIDGE DECKS SO AS NOT TO DAMAGE THE EXISTING DECK SEALANT AND/OR EXPANSION JOINT MEMBERS (STEEL PLATES, BARS, AND/OR HEADERS). IF DAMAGE DOES OCCUR, THE CONTRACTOR SHALL BE RESPONSIBLE FOR NECESSARY REPAIRS ON ALL DAMAGED MEMBERS TO THE SATISFACTION OF THE TDOT OPERATIONS DISTRICT ENGINEER AT NO ADDITIONAL COST.

CONSTRUCTION WORK ZONE & TRAFFIC CONTROL

(1) 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.

(2) MESSAGE BOARDS SHALL BE USED NEAR INTERCHANGES AND/OR OTHER DESIGNATED AREAS IN ADVANCE OF THE WORK ZONE TO ALERT MOTORISTS OF POSSIBLE DELAYS AND RECOMMEND THE USE OF ALTERNATE ROUTES. THE MESSAGES SHALL BE UPDATED AS OFTEN AS NECESSARY SO THAT MOTORISTS OBTAIN CURRENT TRAFFIC INFORMATION. MESSAGE BOARDS SHALL BE RELOCATED AS NECESSARY AS THE WORK PROGRESSES. THE CONTRACTOR SHALL BE REQUIRED TO IDENTIFY AN INDIVIDUAL WORKING ON THE PROJECT THAT WILL BE RESPONSIBLE FOR KEEPING THE MESSAGES CURRENT AND RELOCATING MESSAGE BOARDS AS REQUESTED BY TDOT. THE TDOT OPERATIONS DISTRICT ENGINEER SHALL HAVE THE AUTHORITY TO APPROVE ALL MESSAGES AND REQUIRE CHANGES AT ANY TIME DUE TO CHANGING TRAFFIC CONDITIONS.

(3) UTILIZING THE ITEMS AND NOTES IN THIS CONTRACT, THE CONTRACTOR SHALL SUBMIT A PROPOSAL AT THE PRECONSTRUCTION CONFERENCE FOR TRAFFIC CONTROL PHASING TO THE TDOT REGIONAL OFFICE AND OBTAIN PRIOR APPROVAL BEFORE SHIFTING TRAFFIC. THE PROPOSAL MUST MAINTAIN AT LEAST 11' TRAFFIC LANES.

(4) DURING ALL PERIORDS OF CONSTRUCTION INACTIVITY, THE CONTRACTOR SHALL BE REQUIRED TO KEEP ALL LANES OPEN IN ACCORDANCE WITH THE TDOT 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.

(5) THE CONTRACTOR IS TO COORDINATE ALL LANE RESTRICTIONS WITH THE TDOT REGIONAL OFFICE. (865-594-2408)

(6) IF LANE CLOSURES ARE REQUIRED FOR BRIDGE REPAIRS, THE CONTRACTOR SHALL MAINTAIN A PRODUCTIVE AND CONTINUOUS OPERATION ON EACH BRIDGE UNDER REPAIR UNTIL REPAIRS ARE COMPLETE AND/OR ALL LANES ARE OPEN TO TRAFFIC.

(7) ANY WORK REQUIRING LANE CLOSURES INCLUDING PAVEMENT MARKING OPERATIONS SHALL BE AT NIGHT BETWEEN THE HOURS OF 7 PM AND 6 AM SUNDAY THRU THURSDAY UNLESS OTHERWISE DIRECTED BY THE TDOT OPERATIONS DISTRICT ENGINEER.

(8) NO LANE CLOSURES WILL BE ALLOWED ON WEEKENDS (FRIDAY – SUNDAY) WHEN THERE IS A SCHEDULED NASCAR RACE IN BRISTOL.

(9) NO LANE CLOSURES WILL BE ALLOWED ON SATURDAYS WHEN THE UNIVERSITY OF TENNESSEE PLAYS FOOTBALL IN KNOXVILLE.

(10) THE DEPARTMENT SHALL RESERVE THE RIGHT TO REOPEN LANES AS NECESSARY WHEN TRAFFIC CONDITIONS ARE DEEMED UNACCEPTABLE (EXCESSIVE QUEUE LENGTHS AND DELAY TIMES). THE CONTRACTOR SHALL BE REQUIRED TO FULLY COOPERATE WITH THE TDOT OPERATIONS DISTRICT ENGINEER WHEN REQUESTED TO MAKE CHANGES TO TRAFFIC CONTROL.

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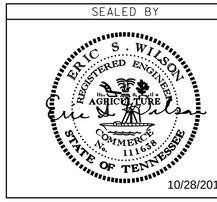

10/28/2015

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SPECIAL NOTES

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