TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF	2014	STP/HSIP-456(10)	6

SCOTT CO. S.R. 456
76010-4225-04
76010-3225-94
76010-8225-14

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

SPECIAL NOTES

GUARDRAIL

(1) THE CONTRACTOR SHALL NOT REMOVE ANY EXISTING GUARDRAIL AND/OR END TERMINAL UNTIL THE T.D.O.T. OPERATIONS DISTRICT ENGINEER CONCURS IN THE NECESSITY OF REMOVAL DUE TO CONSTRUCTION REQUIREMENTS AND THE APPROPRIATE 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 COMPLETE 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: PLATEAU ELECTRIC

WATER: ONEIDA WATER AND SEWER WORKS

CABLE: XFINITY (COMCAST)

TELEPHONE: HIGHLAND TELEPHONE COOPERATIVE

MISCELLANEOUS

(1) THE CONTRACTOR WILL BE REQUIRED TO REMOVE AND RESET MAILBOXES AND POSTS WHERE NECESSARY. COST TO BE INCLUDED IN PRICE BID FOR OTHER CONSTRUCTION ITEMS.

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

(3) ALL SIGNING AND PAVEMENT MARKINGS ARE TO BE IN ACCORDANCE WITH THE CURRENT EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL PAVED SHOULDERS SHALL BE BROOMED, AGGREGATE SHOULDERS SHALL BE CLIPPED, AND DITCHES SHALL BE CLEANED BY THE CONTRACTOR. ALL COST ASSOCIATED WITH THIS WORK SHALL BE INCLUDED IN COST OF OTHER ITEMS.

(4) PAVED SHOULDERS SHALL BE BROOMED, AGGREGATE SHOULDERS SHALL BE CLIPPED, AND DITCHES SHALL BE CLEANED BY THE CONTRACTOR. ALL COST ASSOCIATED WITH THIS WORK SHALL BE INCLUDED IN COST OF OTHER ITEMS.

PAVEMENT MARKINGS

(1) THE CONTRACTOR WILL BE REQUIRED TO ESTABLISH AND LOCATE ALL "NO PASSING ZONES" IN ACCORDANCE WITH THE CURRENT EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES AS WELL AS TO PROVIDE THE LAYOUT OF ALL PAVEMENT MARKING REQUIRED ON THE PROJECT. THE METHOD OF DETERMINING THE "NO PASSING ZONES" IS TO BE APPROVED BY THE T.D.O.T. SUPERVISOR, WITH ADVICE FROM THE REGIONAL TRAFFIC OFFICE, BEFORE PAVING OPERATIONS BEGIN.

PAVEMENT

RESURFACING

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

(2) THE CONTRACTOR WILL PLACE THE SPOT LEVELING WHERE AND AS DIRECTED BY THE T.D.O.T. OPERATIONS DISTRICT ENGINEER.

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

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

(5) COLD PLANING IS TO BE DONE IMMEDIATELY PRIOR TO THE COMMENCEMENT OF PAVING OPERATIONS. COLD PLANED SURFACES ARE NOT TO BE LEFT EXPOSED FOR MORE THAN FIVE (5) CALENDAR DAYS BEFORE BEING OVERLAYED BY THE FIRST COURSE OF ASPHALT. IF NECESSARY, COLD PLANING OPERATIONS ARE TO BE SUSPENDED TO ALLOW PAVING OPERATIONS TO CATCH UP. AFTER COLD PLANING AND PRIOR TO ALLOWING USE BY TRAFFIC, THE CONTRACTOR WILL RAMP ASPHALT AROUND EXISTING UTILITIES TO ELIMINATE HAZARD TO VEHICLES. ALL COLD PLANING REQUIRED ON CITY STREETS OR SIDE ROADS WILL BE PAID FOR AT THE UNIT PRICE BID FOR ITEM NO. 415-01.01.

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

(7) ON ALL SUPERELEVATED CURVES, THE CONTRACTOR SHALL INSURE THAT THE SHOULDER ROLLOVER RATES SHOWN IN THE T.D.O.T. STANDARD ROADWAY DRAWINGS ARE ACHIEVED.

(8) A MATERIAL TRANSFER DEVICE IS TO BE USED ON ALL MIXES. COST TO BE INCLUDED IN THE UNIT PRICE BID FOR ASPHALT ITEMS. SEE SPECIAL PROVISION NO.407G.

(9) SPECIAL PROVISION NO. 411C APPLIES TO THIS PROJECT AVERAGE HC-IRI NUMBER PER MILE. IS 108.3 SEE TABLES BELOW:

NORTHBOUND S.R. 456		
FROM	TO	HC/IRI
0.00	1.00	90
1.00	1.71	158

SOUTHBOUND S.R. 456		
FROM	TO	HC/IRI
0.00	1.00	124
1.00	1.71	61

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) ANY WORK REQUIRING LANE CLOSURES INCLUDING PAVEMENT MARKING OPERATIONS SHALL BE AT NON-PEAK HOURS (9AM TO 3 PM OR 6 PM TO 6 AM) UNLESS OTHERWISE DIRECTED BY THE T.D.O.T. OPERATIONS DISTRICT ENGINEER.

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.

(5) THE CONTRACTOR SHALL TAKE APPROPRIATE STEPS, BEFORE CLEANING OUT OR REMOVAL/REPLACEMENT OF DITCHES, 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 THE TDOT ENVIRONMENTAL DIVISION, PERMITS SECTION TO OBTAIN THE APPROPRIATE PERMITS.

ECOLOGY

(6) THE CONTRACTOR SHALL TAKE APPROPRIATE STEPS BEFORE CONSTRUCTING EARTH PADS FOR THE TYPE 38 TERMINALS TO ENSURE THAT ENVIRONMENTAL FEATURES (STREAMS, WETLANDS, OR SPRINGS) ARE NOT IMPACTED DURING CONSTRUCTION. IF THE CONTRACTOR/ TDOT INSPECTOR IS UNSURE WHETHER THE ENVIRONMENTAL FEATURES ARE STREAMS, SPRINGS OR WETLANDS, THE INSPECTOR SHALL CONTACT THE TDOT ENVIRONMENTAL DIVISION ECOLOGY OR PERMITS SECTION SO AN ACCURATE DETERMINATION CAN BE ASSESSED.

DURING CONSTRUCTION OF THE EARTH PADS FOR THE TYPE 38 GUARDRAIL TERMINALS, EXISTING VEGETATION WILL BE REQUIRED TO BE REMOVED FOR THE PROPOSED PAD AND SLOPES. IF DURING THE VEGETATION REMOVAL, ANY TREES GREATER THAN 5 INCHES IN DIAMETER ARE REQUIRED TO BE REMOVED, CONTACT THE T.D.O.T. ENVIRONMENTAL DIVISION ECOLOGY SECTION IMMEDIATELY. DUE TO THE RECENT MODIFICATION OF THE USFWS STANCE REGARDING THE INDIANA BAT NO TREES >5" DBH SHOULD BE CUT WITHOUT CLEARANCE FROM THE TDOT ENVIRONMENTAL DIVISION ECOLOGY SECTION

RAILROAD

(1) THE CONTRACTOR SHALL CONDUCT HIS WORK SO AS TO PROTECT THE NORFOLK SOUTHERN R/R TRACK FACILITIES AND PROPERTIES FROM ANY DAMAGE. THE WORK SHALL BE DONE IN ACCORDANCE WITH REGULATIONS STIPULATED BY NORFOLK SOUTHERN R/R SO AS TO MAINTAIN CLEARANCE AND NOT INTERRUPT TRAIN TRAFFIC IN ANY MANNER.

(2) THE CONTRACTOR SHALL NOT, FOR ANY REASON, STORE CONSTRUCTION EQUIPMENT UPON NOR STORE OR DUMP WASTE CONSTRUCTION MATERIALS UPON NORFOLK SOUTHERN RAILROAD'S RIGHT-OF-WAY.

(3) THE CONTRACTOR IS PROHIBITED FROM INSTALLING ANY CONSTRUCTION SIGNS, MESSAGE BOARDS, ARROW BOARDS AND/OR OTHER TEMPORARY TRAFFIC CONTROL SIGNS OR DEVICES WITHIN THE RAILROAD'S RIGHT-OF-WAY, AND IN ALL CASES, THESE SIGNS MUST NEVER BE PLACED IN A POSITION SO AS TO OBSTRUCT THE VIEW OF ANY ADVANCE RAILROAD WARNING SIGNS OR ANY OTHER RAILROAD GRADE CROSSING WARNING DEVICES SUCH AS CROSSBUCK SIGNS, CROSSING SIGNALS, ETC.

(4) SEE R/R/TDOT CONTRACT SPECIAL PROVISION 105C(R) REGARDING INSURANCE AND RAILROAD FLAGGING SERVICES REQUIREMENTS FOR WORK AT OR NEAR THE NORFOLK SOUTHERN RAILROAD'S GRADE CROSSING.

(5) THE CONTRACTOR SHALL NOTIFY AND COORDINATE HIS WORK AT THE NORFOLK SOUTHERN RAILROAD CROSSING WITH THE FOLLOWING REPRESENTATIVES OF THE RAILROAD:

MR. DON SUTHERLAND – DIVISION ENGINEER
NORFOLK SOUTHERN CORPORATION
CENTRAL DIVISION OFFICE
7208 OLD RUTLEDGE PIKE
KNOXVILLE, TN 37914
PHONE: (865) 521-1409
EMAIL: donald.sutherland@nscorp.com
AND
MR. DANIEL PARKER, ENGINEER – PUBLIC IMPROVEMENTS
NORFOLK SOUTHERN CORPORATION
1200 PEACHTREE ST.,NE
ATLANTA, GA 30309-3579
PHONE: (404)529-1256
FAX: (404)527-2589
EMAIL: daniel.parker@nscorp.com

SEALED BY

01/22/2014

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SPECIAL NOTES

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