

SPECIAL NOTES

GRADING

- (1)

THE GRADING TABULATIONS AND RESULTING EARTHWORK ASSOCIATED BID QUANTITIES WERE PREPARED UTILIZING AVAILABLE GEOTECHNICAL INFORMATION AND/OR REPORTS PREPARED FOR THIS PROJECT. THIS INFORMATION IS PROVIDED FOR GENERAL INFORMATION AND ESTIMATION GUIDANCE ONLY.
- (2)

BORING DEPICTIONS SHOWN ON THE FOUNDATION DATA SHEETS, SOILS SHEETS, PLANS, AND CROSS-SECTIONS INDICATE SOIL AND ROCK CONDITIONS AT THE SPECIFIC BORING LOCATIONS. ANY SOIL PROFILE AND/OR ROCK LINE IS INTERPRETIVE BASED ON THE JUDGMENT OF THE GEOTECHNICAL ENGINEER/GEOLOGIST. THE TRANSITION BETWEEN BORINGS AND LAYERS MAY VARY SIGNIFICANTLY DEPENDING ON THE GEOLOGIC FORMATIONS ENCOUNTERED.
- (3)

TO ASSIST IN BID PREPARATION FOR EARTHWORK AND FOUNDATION CONSTRUCTION, DETAIL ROCK AND SOIL DESCRIPTION AND ON SOME PROJECTS, ROCK CORE SAMPLES ARE AVAILABLE FOR INSPECTION AT THE MATERIALS AND TESTS HEADQUARTERS AT 6601 CENTENNIAL BOULEVARD, NASHVILLE, TN OR AT THE TDOT REGION 1 BUILDING IN KNOXVILLE, TN.
- (4)

THE CONTRACTOR SHALL UTILIZE ALL INFORMATION PROVIDED IN THE PLANS, CROSS-SECTIONS AND CONTRACT DOCUMENTS INCLUDING ANY SPECIAL PROVISIONS AS WELL AS UTILIZING HIS PAST EXPERIENCE WITH PROJECTS OF SIMILAR NATURE, SCOPE AND LOCATION IN PREPARATION OF HIS BID FOR EARTHWORK ITEMS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE AND PROVIDE EQUIPMENT AND MEANS NECESSARY TO CONDUCT THE EXCAVATION ACTIVITIES IN ACCORDANCE WITH PLANS AND SPECIFICATIONS.
- (5)

EARTHWORK IS PAID FOR UNDER ITEM 203-01, ROAD AND DRAINAGE EXCAVATION (UNCLASSIFIED). NO ADDITIONAL PAYMENT WILL BE MADE FOR EARTHWORK QUANTITIES BASED SOLELY ON A CLAIM THAT THE QUANTITIES SHOWN IN THE GRADING TABULATION OR ELSEWHERE IN THE PLANS ARE INACCURATE WITH RESPECT TO THE TYPE OF MATERIALS ENCOUNTERED DURING CONSTRUCTION EXCEPT AS PROVIDED FOR BY SECTION 104.02 IN THE CURRENT EDITION OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION OR AS AMENDED IN SUPPLEMENTAL SPECIFICATIONS.
- (6)

SCARIFICATION TO BE PAID FOR UNDER ITEM NO. 203-01, ROAD & DRAINAGE EXCAVATION (UNCLASSIFIED)
- (7)

BLASTING OF ROCK ADJACENT TO RAMP 1 SHALL NOT BE PERMITTED. CONTRACTOR SHALL PROTECT THE KUB PUMP STATION LOCATED ADJACENT TO THE ROCK CUT RIGHT OF RAMP 1 FROM STA. 3+50 TO STA. 7+00. CONTRACTOR SHALL NOTIFY KUB PRIOR TO BEGINNING EXCAVATION OF THE ROCK, AND SHALL CONDUCT PRE- AND POST-CONSTRUCTION SURVEYS TO ENSURE NO IMPACTS HAVE OCCURRED. ROCK EXCAVATION ALONG RAMP 1 WILL BE PAID FOR UNDER ITEM 203-01.60 ROAD AND DRAINAGE EXCAVATION (ROCK), CY. SEE SHEETS 7A, 10A FOR DETAILS AND LIMITS OF ROCK EXCAVATION.

DRAINAGE

- (1)

THE COST OF SEDIMENT REMOVAL FROM EXISTING BOX CULVERTS WILL NOT BE PAID FOR DIRECTLY, BUT SHALL BE INCLUDED IN THE COST OF OTHER ITEMS.
- (2)

THE INSTALLATION OF PROPOSED DRAINAGE SHALL BE COORDINATED WITH THE INSTALLATION OF PROPOSED UTILITIES ALONG DUTCH VALLEY ROAD.

PAVEMENT RESURFACING

- (1)

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 SWEEPED AND CLEANED OF ALL LOOSE MATERIALS.

C.

THE DIFFERENCE IN ELEVATION BETWEEN THE MILLED SURFACE AND THE ADJACENT LANE SHALL NOT EXCEED 1 1/2 INCHES.

D.

THE MILLED SURFACE SHALL BE PAVED WITHIN 48 HOURS.

- 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 RAVELING OR DETERIORATION OF THE MILLED SURFACE IS OCCURRING WHILE TRAFFIC IS DRIVING ON THE MILLED SURFACE, THEN THIS PRACTICE WILL NOT BE ALLOWED AND PAVING SHALL BE COMPLETED IMMEDIATELY AFTER MILLING.
- H.

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

LIGHTING

- (1)

SEE SHEET 27H FOR LIGHTING SPECIAL NOTES.

SIGNALIZATION

- (1)

THE DESIGN OF TRAFFIC SIGNAL SUPPORT POLES, MAST ARMS, STRAIN POLES, ETC. SHALL BE IN CONFORMANCE WITH THE AASHTO STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS, CURRENT EDITION. OVERHEAD CANTILEVERED TRAFFIC SIGNAL STRUCTURES SHALL BE DESIGNED FOR FATIGUE CATEGORY 1.

UTILITIES

- (1)

THE INSTALLATION OF PROPOSED UTILITIES SHALL BE COORDINATED WITH THE INSTALLATION OF THE PROPOSED DRAINAGE ALONG DUTCH VALLEY ROAD.

EROSION PREVENTION AND SEDIMENT CONTROL

NPDES

- (1)

REFER TO THE EROSION PREVENTION AND SEDIMENT CONTROL PLAN, SHEET 20G, FOR NOTES REGARDING SEASONAL WORK LIMITATION OR LIMITATION ON THE TOTAL AREA OF EXPOSED SOIL.

ENVIRONMENTAL ECOLOGY

- (1)

STAFF FROM THE TDOT ENVIRONMENTAL DIVISION OR A DESIGNEE WILL ADVISE THE CONTRACTOR DURING THE PRE-CONSTRUCTION MEETING CONCERNING WHEN ENVIRONMENTAL DIVISION PERSONNEL OR DESIGNATED CONSULTANT WILL NEED TO BE ON-SITE FOR WORK BEING DONE WHICH COULD AFFECT THE STREAM OR SPECIES.
- (2)

STAFF FROM THE TDOT ENVIRONMENTAL DIVISION OR A DESIGNEE WILL ATTEND THE PRE-CONSTRUCTION MEETING FOR ALL PROJECTS WHICH HAVE THREATENED OR ENDANGERED SPECIES OR CRITICAL HABITAT PROXIMAL TO SCHEDULED BRIDGE WORK. THIS WILL PROVIDE THE OPPORTUNITY TO ENSURE THAT PERSONNEL INCLUDING THE CONTRACTOR'S PERSONNEL AND SUBCONTRACTORS ARE MADE AWARE OF THE NECESSARY PRECAUTIONS WHICH MUST BE FOLLOWED.
- (3)

ALL BRIDGE PROJECTS WITH THREATENED OR ENDANGERED SPECIES OR CRITICAL HABITAT IDENTIFIED MUST HAVE MEASURES IN PLACE TO CONTAIN CONCRETE DUST, CEMENT DUST AND ALL OTHER MATERIALS. THESE MATERIALS ARE NOT ALLOWED TO ENTER THE STREAM.

SCOPE OF WORK

- (1)

THIS PROJECT INCLUDES THE GRADING, DRAINAGE, BASE, PAVEMENT, BRIDGE, RETAINING WALL, AND GUARDRAIL OF I-640 AND RAMP, AND S.R. 33 (BROADWAY) IN KNOX COUNTY TO THE LINES AND GRADES AS INDICATED ON THE TYPICAL CROSS-SECTIONS AND PLAN AND PROFILE SHEETS OR AS DIRECTED BY THE T.D.O.T. SUPERVISOR.
- (2)

THIS PROJECT INCLUDES THE CONSTRUCTION OF A 12'X6' REINFORCED CONCRETE BOX CULVERT ON RELOCATED OLD BROADWAY, AND THE EXTENSION OF A 3-@ 12'X12' REINFORCED CONCRETE BOX CULVERT ON RAMP 3 OVER WHITES CREEK.
- (3)

CONSTRUCTION OF THE BRIDGE WIDENING OF I-640 OVER OLD BROADWAY, THE BRIDGE WIDENING OF I-640 OVER S.R. 33 (BROADWAY), AND THE BRIDGE WIDENING OF S.R. 33 OVER S.R. 331 (TAZEWELL PIKE) AS INDICATED IN THE PLANS OR AS DIRECTED BY THE T.D.O.T. SUPERVISOR.
- (4)

CONSTRUCTION OF THE BRIDGE ON RAMP 3 OVER RAMP 2 AS INDICATED IN THE PLANS OR AS DIRECTED BY THE T.D.O.T. SUPERVISOR.

- (5)

CONSTRUCTION OF A COMPLETE DRAINAGE SYSTEM INCLUDING CATCH BASINS AND STORM DRAINAGE AS INDICATED ON THE PLANS OR AS DIRECTED BY THE T.D.O.T. SUPERVISOR.
- (6)

CONSTRUCTION OF ALL SIDE ROADS, PRIVATE DRIVES AND BUSINESS ENTRANCES TO LINES AND GRADES AS INDICATED ON THE PLANS OR AS DIRECTED BY THE T.D.O.T. SUPERVISOR.
- (7)

CONSTRUCTION OF ALL DITCHES, APPLICATION OF EROSION CONTROL DEVICES, INSTALLATION OF GUARDRAIL, TRAFFIC CONTROL DEVICES, PAVEMENT MARKINGS, SIGNING, SEEDING , AND OTHER DESIGN FEATURES AS INDICATED IN THE PLANS OR AS DIRECTED BY THE T.D.O.T. SUPERVISOR.

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2015	NH-I-640-7(161)	2L3

KNOX CO.

47008-3150-44 (CONST.)

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

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