

GENERAL NOTES

THIS SECTION SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE PLANS; THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED JANUARY 1, 2012; THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS" ADOPTED JANUARY 1, 2012 AND THE "SPECIAL PROVISIONS" INCLUDED IN THE PROPOSAL.

THIS PROJECT IS LOCATED ON F.A.I. ROUTE 70 IN CUMBERLAND COUNTY. THIS PROJECT IS LOCATED AT EXISTING STRUCTURE NUMBERS 018-0045, 018-0046, 018-0047, 018-0048, 018-0049, AND 018-0050 WHICH ALL CARRY FAI 70 TRAFFIC NORTHWEST OF GREENUP.

THE WORK INCLUDED IN SECTION (18-47-VB)K, (18-47B, 18-47HB)BR CONSISTS OF SUPERSTRUCTURE REPLACEMENT ON FOUR STRUCTURES, CONSTRUCTION OF A BOX CULVERT, REMOVING TWO STRUCTURES AND REPLACING WITH EARTHWORK AND HMA PAVEMENT, EARTHWORK, HOT-MIX ASPHALT SHOULDERS, MILLING AND RESURFACING OF EXISTING PAVEMENT, GUARDRAIL, PAVEMENT MARKING, AND ANY OTHER WORK NECESSARY TO COMPLETE THE SECTION. THIS WORK WILL BE COMPLETED UTILIZING EXISTING MEDIAN CROSSOVERS.

PLAN DIMENSIONS AND DETAILS RELATIVE TO THE EXISTING STRUCTURES HAVE BEEN TAKEN FROM EXISTING PLANS AND ARE SUBJECT TO NOMINAL CONSTRUCTION VARIATIONS. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO VERIFY SUCH DIMENSIONS AND DETAILS IN THE FIELD AND MAKE NECESSARY APPROVED ADJUSTMENTS PRIOR TO CONSTRUCTION OR ORDERING OF MATERIAL. SUCH VARIATIONS SHALL NOT BE CAUSE FOR ADDITIONAL COMPENSATION FOR A CHANGE IN THE SCOPE OF THE WORK. THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED AT THE UNIT PRICE BID FOR THE WORK.

THE EXISTING STRUCTURAL STEEL COATING ON STRUCTURES 018-0045 AND 018-0046 CONTAINS LEAD. THE CONTRACTOR SHALL TAKE APPROPRIATE PRECAUTIONS IN DISPOSING OF THE STRUCTURAL STEEL AND BEARINGS COATED WITH LEAD PAINT.

THE SUBBASE USED UNDER THE PCC BRIDGE APPROACH PAVEMENT CONNECTOR SHALL BE SUBBASE GRANULAR MATERIAL TYPE B, 4" AND THE COST IS INCLUDED WITH THE PAY ITEM.

THE MATERIAL USED FOR SUBBASE GRANULAR MATERIAL, TYPE B 12", SHALL BE CRUSHED STONE OR CRUSHED CONCRETE, AND HAVE A CA-6 GRADATION.

THE MATERIAL USED FOR AGGREGATE SHOULDERS, TYPE B 6" SHALL BE CRUSHED STONE OR CRUSHED CONCRETE.

THE EXISTING 9' X 6' BOX CULVERT LOCATED BENEATH THE WEST SLOPEWALLS OF STRUCTURES 018-0045 AND 018-0046 SHALL BE FILLED IN ITS ENTIRETY WITH CONTROLLED LOW-STRENGTH MATERIAL. A QUANTITY OF 536 CUBIC YARDS OF CONTROLLED LOW-STRENGTH MATERIAL HAS BEEN INCLUDED FOR THIS WORK.

LONGITUDINAL REINFORCEMENT FOR CLASS A PATCHES SHALL BE #6 BARS.

THE 6' WHITE PINE TREES TO BE PLANTED WILL BE DELIVERED TO THE GREENUP MAINTENANCE YARD LOCATED ON U.S. ROUTE 40 NEAR THE WEST EDGE OF GREENUP. THE 6' WHITE PINE TREES WILL BE PLANTED OFF SITE BY STATE MAINTENANCE PERSONNEL. THE CONTRACTOR WILL BE REQUIRED TO DELIVER REQUESTED TREES WITHIN 30 CALENDAR DAYS OF WHEN THEY ARE REQUESTED BY THE RESIDENT ENGINEER. THE RESIDENT ENGINEER SHALL CONTACT PHIL NOSBISCH, THE DISTRICT 7 ROADSIDE MAINTENANCE TECHNICIAN, AT 217-342-8281 TO NOTIFY HIM OF THE ANTICIPATED DELIVERY DATE OF TREES. THE RESIDENT ENGINEER SHALL ALSO CONTACT ROB COX, MAINTENANCE FIELD TECHNICIAN, AT 217-994-1205 TO NOTIFY HIM OF THE ANTICIPATED DELIVERY DATE OF TREES. THE DISTRICT 7 ROADSIDE MAINTENANCE TECHNICIAN SHALL INSPECT ALL TREES WITHIN 48 HOURS AFTER THEY ARE DELIVERED TO THE GREENUP MAINTENANCE YARD. THE DISTRICT 7 ROADSIDE MAINTENANCE TECHNICIAN SHALL NOTIFY THE CONTRACTOR IN WRITING, WITHIN 24 HOURS AFTER COMPLETING INSPECTION OF THE TREES. AS TO THE ACCEPTANCE OF THE TREES, UPON RECEIVING WRITTEN ACCEPTANCE FROM THE DISTRICT 7 ROADSIDE MAINTENANCE TECHNICIAN THE CONTRACTOR IS RELIEVED OF ALL RESPONSIBILITY AND CLAIMS RELATING TO THE 6' WHITE PINE TREES.

THE REMAINING TREES WILL BE PLANTED ONSITE AND SHALL BE APPROVED AND HAND PLANTED AT LOCATIONS AS DIRECTED BY THE ROADSIDE MAINTENANCE TECHNICIAN, PHIL NOSBISCH, (217) 342-8270. THE CONTRACTOR SHALL BE REQUIRED TO GIVE TWO WEEKS NOTICE TO SCHEDULE A TIME FOR THE LOCATIONS TO BE STAKED AND ON THE SAME DAY THE TREES SHALL BE DELIVERED TO THE JOBSITE FOR ACCEPTANCE OF THE PLANTING MATERIAL BY THE ROADSIDE MAINTENANCE TECHNICIAN.

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

HMA BASE COURSE WIDENING 14" AND HMA BASE COURSE 14":

1ST LIFT (6"):
MIXTURE USE: HMA BASE COURSE WIDENING 14" AND HMA BASE COURSE 14"
APPLICATION: HOT-MIX ASPHALT BINDER COURSE, IL-19.0 N90
PG GRADE: PG 64-22
DESIGN AIR VOIDS: 4.0% @ NDESIGN = 90
MIXTURE COMPOSITION: IL-19.0
FRICTION AGGREGATE: N/A

2ND LIFT (5 1/2"):
MIXTURE USE: HMA BASE COURSE WIDENING 14" AND HMA BASE COURSE 14"
APPLICATION: HOT-MIX ASPHALT BINDER COURSE, IL-19.0 N90
PG GRADE: PG 64-22
DESIGN AIR VOIDS: 4.0% @ NDESIGN = 90
MIXTURE COMPOSITION: IL-19.0
FRICTION AGGREGATE: N/A

TOP LIFT (2 1/2"):
MIXTURE USE: HMA BASE COURSE WIDENING 14" AND HMA BASE COURSE 14"
APPLICATION: HOT-MIX ASPHALT SURFACE COURSE MIX "D" N90
PG GRADE: PG 64-22
DESIGN AIR VOIDS: 4.0% @ NDESIGN = 90
MIXTURE COMPOSITION: IL-9.5
FRICTION AGGREGATE: MIXTURE D

16 1/4" FULL-DEPTH HMA SECTION:

TOP LIFT OF SURFACE (2")
APPLICATION: POLYMERIZED HOT MIX ASPHALT SURFACE COURSE, MIX D, N105
PG GRADE: SBS PG 70-22
DESIGN AIR VOIDS: 4.0% @ NDESIGN = 105
MIXTURE COMPOSITION: IL-9.5
FRICTION AGGREGATE: MIX D

TOP BINDER COURSE LIFT (2 1/2")
APPLICATION: POLYMERIZED HOT MIX ASPHALT BINDER COURSE, IL-19.0FG N105
PG GRADE: SBS PG 70-22
DESIGN AIR VOIDS: 4.0% @ NDESIGN = 105
MIXTURE COMPOSITION: IL-19.0FG
FRICTION AGGREGATE: N/A

BINDER COURSE LIFT #3 (3")
APPLICATION: HOT MIX ASPHALT BINDER COURSE, IL-19.0 N 90
PG GRADE: PG 64-22
DESIGN AIR VOIDS: 4.0% @ NDESIGN = 90
MIXTURE COMPOSITION: IL-19.0
FRICTION AGGREGATE: N/A

BINDER COURSE LIFT #2 (4")
APPLICATION: HOT MIX ASPHALT BINDER COURSE, IL-19.0 N 90
PG GRADE: PG 64-22
DESIGN AIR VOIDS: 4.0% @ NDESIGN = 90
MIXTURE COMPOSITION: IL-19.0
FRICTION AGGREGATE: N/A

BINDER COURSE LIFT #1 (4 3/4")
APPLICATION: HOT MIX ASPHALT BINDER COURSE, IL-19.0 N 90
PG GRADE: PG 64-22
DESIGN AIR VOIDS: 4.0% @ NDESIGN = 90
MIXTURE COMPOSITION: IL-19.0
FRICTION AGGREGATE: N/A

HMA SHOULDERS (8"):

BOTTOM SHOULDER LIFT (6")
APPLICATION: HOT MIX ASPHALT BINDER COURSE, IL-19.0 N 70
PG GRADE: PG 64-22
DESIGN AIR VOIDS: 4.0% @ NDESIGN = 70
MIXTURE COMPOSITION: IL-19.0
FRICTION AGGREGATE: N/A

TOP SHOULDER LIFT (2")
APPLICATION: HOT MIX ASPHALT SURFACE COURSE, IL-9.5L N 30
PG GRADE: PG 64-22
DESIGN AIR VOIDS: 4.0% @ NDESIGN = 30
MIXTURE COMPOSITION: IL-9.5L
FRICTION AGGREGATE: N/A

SURFACE APPROACHES TO BRIDGES AND NEW PAVEMENT:

APPLICATION: POLYMERIZED HOT MIX ASPHALT SURFACE COURSE, MIX D, N105
PG GRADE: SBS PG 70-22
DESIGN AIR VOIDS: 4.0% @ NDESIGN = 105
MIXTURE COMPOSITION: IL-9.5
FRICTION AGGREGATE: MIX D

DECK SLAB REPAIR AND PARTIAL DEPTH PATCHING

APPLICATION: HOT MIX ASPHALT BINDER COURSE, IL-19.0 N 90
PG GRADE: PG 64-22
DESIGN AIR VOIDS: 4.0% @ NDESIGN = 90
MIXTURE COMPOSITION: IL-19.0
FRICTION AGGREGATE: N/A

PRE-STAGE 1 BRIDGE OVERLAYS AND INLAY:

SURFACE MIX (2")
APPLICATION: POLYMERIZED HOT MIX ASPHALT SURFACE COURSE, MIX D, N90
PG GRADE: SBS PG 70-22
DESIGN AIR VOIDS: 4.0% @ NDESIGN = 90
MIXTURE COMPOSITION: IL-9.5
FRICTION AGGREGATE: MIX D

THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED IN CALCULATING PLAN QUANTITIES:

AGGREGATE SHOULDERS, TYPE B	2.05 TONS/CU YD
BITUMINOUS MATERIALS (PRIME COAT)	0.10 GAL/SQ YD
HOT-MIX ASPHALT	112 LBS/SQ YD/INCH

THE CONTRACTOR WILL NOT HAVE THE OPTION OF CONSTRUCTING THE BOX CULVERT USING PRECAST BOX CULVERT SECTIONS, THE CONTRACTOR MUST CONSTRUCT A CAST-IN-PLACE CONCRETE BOX CULVERT AS DETAILED IN THE PLANS.

FILE NAME: c:\pwworkspace\staff\enkh\d0186453.dwg	USER NAME: staff/enkh	DESIGNED: -	REVISED: 10/25/12	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES	F.A.I. RTE: 70	SECTION: *	COUNTY: CUMBERLAND	TOTAL SHEETS: 147	SHEET NO.: 3						
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* (18-47-VB)K, (18-47B, 18-47HB)BR																
CONTRACT NO. 74466																