

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
328	5R, Y, RS-1	CLAY	242	3
STA.	TO STA.			
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				
CONTRACT NO. 74078				

GENERAL NOTES

1. THIS SECTION SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE PLANS; THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", ADOPTED JANUARY 1, 2002; THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS"; AND THE SPECIAL PROVISIONS INCLUDED IN THE PROPOSAL.
2. THE WORK INCLUDED IN SECTION 5R, Y, RS-1 CONSISTS OF PATCHING, MILLING, AND RESURFACING OF 2.74 MILES OF EXISTING TWO LANE PAVEMENT, 0.31 MILES OF NEW TWO LANE PAVEMENT, AND 0.41 MILES OF DETOUR ROADS. THIS PROJECT ALSO INCLUDES PAVEMENT REMOVAL, CULVERT EXTENSIONS, CULVERT REPLACEMENTS, FULL DEPTH BITUMINOUS AND AGGREGATE SHOULDERS, NEW DITCHES, EARTH EXCAVATION, NEW ENTRANCES, NEW SIDEROAD APPROACHES, PAVEMENT MARKINGS, BRIDGE DECK REHABILITATION AND MISCELLANEOUS APPURTENANCES.
3. SHORT-TERM PAVEMENT MARKING SHALL BE PAINT ON THE COLD MILLED PAVEMENT. TEMPORARY TAPE SHALL BE USED ON BITUMINOUS (PRIME COAT), LEVEL BINDER, AND SURFACE COURSE AS SPECIFIED IN SECTION 703 OF STANDARD SPECIFICATIONS.
4. PAINT PAVEMENT MARKING - LINE 4 INCHES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE STANDARDS, AS SHOWN ON THE TYPICAL SECTIONS AND AS DETERMINED BY THE ENGINEER. THE TOTAL QUANTITY CALCULATED CONSISTS OF 12,800 FEET OF YELLOW (INCLUDING NO PASSING ZONES) AND 33,700 FEET OF WHITE. NO PASSING ZONE PAVEMENT MARKING LOCATIONS WILL BE LOCATED IN THE FIELD BY THE DEPARTMENT.
5. SEEDING SHALL BE PLACED ON ALL AREAS THAT ARE DISTURBED BY CONSTRUCTION OPERATIONS. NUTRIENTS, MULCH, AND ASPHALT, IF REQUIRED, SHALL BE APPLIED TO ALL SEEDED AREAS. THE SEEDING SHALL BE DONE ACCORDING TO ARTICLES 250 AND 251 OF THE STANDARD SPECIFICATION OR AS DIRECTED BY THE ENGINEER.
6. THE BITUMINOUS SURFACE OF ALL PRIVATE ENTRANCES, COMMERCIAL ENTRANCES, AND SIDE ROADS SHALL BE MADE IN A WORKMAN LIKE MANNER, AND SHALL ACCURATELY CONFORM TO THE SHAPES AND DIMENSIONS SHOWN IN THE PLAN DETAILS. IF REQUIRED BY THE ENGINEER, THE CONTRACTOR WILL BE REQUIRED TO SAW CUT THE BITUMINOUS SURFACE TO CONFORM TO THE SHAPES AND DIMENSIONS SHOWN IN THE PLAN DETAILS.
7. EXCEPT AS NOTED IN THE PLANS, PAVEMENT GRADES SHOWN ARE AT THE TOP OF PAVEMENT SURFACES.
8. BEFORE ORDERING STORM SEWERS, PIPE CULVERTS OR PIPE DRAINS, THE CONTRACTOR SHALL CONSULT THE ENGINEER FOR EXACT LENGTHS.
9. THE ENGINEER SHALL BE THE SOLE JUDGE CONCERNING CURING TIME FOR THE VARIOUS BITUMINOUS LIFTS.
10. TYPE III BARRICADES SHALL REQUIRE A MINIMUM OF FOUR SANDBAGS PER BARRICADE.
11. THE CONTRACTOR WILL PROVIDE INTERNET ACCESSIBILITY TO THE BITUMINOUS PLANT QUALITY CONTROL LAB SO THAT BITUMINOUS PLANT REPORTS CAN BE E-MAILED TO THE DISTRICT HEADQUARTERS. THIS WORK SHALL BE INCLUDED IN THE COST OF ALL BITUMINOUS ITEMS.
12. FOR THE PAY ITEM BITUMINOUS MATERIALS (PRIME COAT), THE CONTRACTOR SHALL USE EITHER RC-70 OR AN EMULSIFIED POLYMER PRIME SS-1HP.
13. ANY RECYCLED ASPHALT PRODUCT (RAP) USED IN THIS CONTRACT THAT CONTAINS RUBBER SEALANT SHALL BE SCREENED AND REMOVED PRIOR TO INTRODUCTION INTO ANY BITUMINOUS CONCRETE PAY ITEM. THE COST OF SCREENING RAP MATERIAL SHALL BE INCLUDED IN THE BITUMINOUS PAY ITEMS IN WHICH THEY ARE ADDED.
14. WHERE SECTION OR SUB-SECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL MONUMENTS OR OTHERWISE REFERENCE THEIR LOCATION. THE CONTRACTOR WILL BE RESPONSIBLE FOR HAVING AN AUTHORIZED SURVEYOR RE-ESTABLISH ANY SECTION OR SUB-SECTION MONUMENTS DESTROYED BY HIS OPERATIONS.
15. ONLY THOSE TREES DESIGNATED BY THE ENGINEER SHALL BE REMOVED. THE CONTRACTOR SHALL PROTECT ALL REMAINING TREES FROM DAMAGE DUE TO HIS OPERATIONS.
16. EROSION CONTROL MEASURES SHALL BE IN ACCORDANCE WITH IDOT SPECIFICATIONS. PLACEMENT SHALL BE AS DIRECTED BY THE ENGINEER.
17. ALL SAW CUTTING OF EXISTING PAVEMENT SHALL BE CONSIDERED INCLUDED IN THE COST OF PAVEMENT REMOVAL. THE MINIMUM SAW CUT DEPTH IN THE PAVEMENT SHALL BE FULL DEPTH OF EXISTING PAVEMENT UNLESS OTHERWISE SPECIFIED IN A DETAIL IN THE PLANS OR BY THE ENGINEER. ALL PAVEMENT TO BE BROKEN AND LEFT IN PLACE SHALL BE CONSIDERED INCLUDED IN THE COST OF PAVEMENT REMOVAL.
18. ALL ELEVATIONS REFER TO U.S.G.S. MEAN SEA LEVEL DATUM.
19. ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION AS INDICATED BY THE SUB-NUMBER LISTED ON SHEET 2.
20. THE DEPARTMENT WILL FURNISH TEMPORARY CONCRETE BARRIER WHICH IS LOCATED AT FLORA MAINTENANCE YARD AND THE MCLEANSBORO YARD IN ACCORDANCE WITH SECTION 704. THE CONTRACTOR SHALL PROVIDE THE APPROPRIATE IMPACT ATTENUATORS. THE CONTRACTOR SHALL PROVIDE THE EQUIPMENT NECESSARY TO LOAD AND HAUL THE TEMPORARY CONCRETE BARRIERS TO AND FROM THE MAINTENANCE YARDS.
21. REMOVAL OF EXISTING BITUMINOUS SURFACE (OIL AND CHIP), AGGREGATE BASE COURSE AND AGGREGATE SHOULDERS SHALL BE CONSIDERED INCLUDED IN THE COST OF EARTH EXCAVATION.
22. 10 FT TRANSITIONS SHALL BE USED TO MATCH PROPOSED ITEMS OF WORK TO EXISTING ITEMS IN THE FIELD, UNLESS OTHERWISE SHOWN. THE TRANSITIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE PROPOSED ITEM OF WORK SPECIFIED.
23. REMOVAL OF EXISTING BOX CULVERTS WILL BE PAID FOR AS STRUCTURE REMOVAL. REMOVAL OF CONCRETE PIPE CULVERTS AND CONCRETE ENCASED CLAY PIPE CULVERTS WILL BE INCLUDED IN THE COST OF EARTH EXCAVATION. ALL OTHER PIPE CULVERT REMOVAL AND HEADWALL REMOVAL SHALL BE CONSIDERED INCLUDED IN THE COST OF EARTH EXCAVATION.
24. THE TOP 2 INCHES OF THE FULL DEPTH SUPERPAVE PAVEMENT SHALL BE SURFACE COURSE.
25. EXCESS TOPSOIL EXCAVATION SHALL BE REMOVED AS PER ARTICLE 202 OF THE STANDARD SPECIFICATIONS.
26. MATERIAL USED FOR AGGREGATE SURFACE, TYPE B SHALL BE CRUSHED STONE OR CRUSHED CONCRETE.
27. MATERIAL USED FOR AGGREGATE SHOULDER, TYPE B SHALL BE CRUSHED STONE, CRUSHED CONCRETE OR RAP.
28. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING THE UTILITY PROPERTY FROM CONSTRUCTION OPERATIONS AS OUTLINED IN ARTICLE 107.31 OF THE STANDARD SPECIFICATIONS. THE J.U.L.I.E. NUMBER IS 800-892-0123. A MINIMUM OF FORTY-EIGHT HOURS ADVANCE NOTICE IS REQUIRED. THE UTILITY MEMBERS OF J.U.I.L.E. KNOWN TO BE WITHIN THE LIMITS OF THE IMPROVEMENT:
 - ELECTRIC
AMEREN/CIPS
1800 FORD AVE
EFFINGHAM, IL 62401
(217) 342-2540
(888) 789-2477
 - TELEPHONE
WABASH TELEPHONE COOPERATIVE
210 SOUTH CHURCH
PO BOX 299
LOUISVILLE, IL 62858
(618) 665-3311
 - WATER
EJ WATER CORPORATION
108 SOUTH MAIN ST
DIETERICH, IL 62424
(217) 925-5566
 - WATER, SEWER, GAS
LOUISVILLE PUBLIC UTILITIES
177 SOUTH MAIN
LOUISVILLE, IL 62858
(618) 665-3348
29. THE FOLLOWING RATES OF APPLICATION HAVE BEEN ASSUMED IN CALCULATING PLAN QUANTITIES:
 - CRUSHED STONE (WITH FINES) 2.0 TONS/CY
 - BITUMINOUS CONCRETE 112 LBS/SY/INCH
 - AGGREGATE (PRIME COAT) 4 LBS/SY
 - BITUMINOUS MATERIALS (PRIME COAT) ON AGGREGATE BASES 0.375 GAL/SY
 - ON PCC AND BITUMINOUS BASES 0.075 GAL/SY
 - LIME MODIFIED SOILS LIME 0.00210 TONS/SY/INCH
 - WATER 0.50 GAL/SY/INCH
 - NOTE: 1 UNIT = 1000 GAL
 - NITROGEN FERTILIZER NUTRIENT 90 LBS / ACRE
 - PHOSPHORUS FERTILIZER NUTRIENT 90 LBS / ACRE
 - POTASSIUM FERTILIZER NUTRIENT 90 LBS / ACRE
 - AGRICULTURAL GROUND LIMESTONE 2 TONS / ACRE
 - TEMPORARY EROSION CONTROL SEEDING 100 LBS / ACRE
30. REMOVAL OF THE TEMPORARY RAMP SHALL BE INCLUDED IN THE TEMPORARY RAMP PAY ITEM.
31. THE ENGINEER WILL FIELD LOCATE AREAS FOR PAVEMENT PATCHING.
32. FINAL RIPRAP SHALL NOT BE PLACED UNTIL ALL EMBANKMENT IS CONSTRUCTED.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

SCALE: NO SCALE
DATE: 10-21-05

DRAWN BY: UJ
CHECKED BY: MAR