

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
674	28 BR	COLES	21	2

INDEX OF SHEETS – GENERAL NOTES

INDEX OF SHEETS

SHEET NO.	ITEM
1	COVER SHEET
2	INDEX OF SHEETS & GENERAL NOTES
3	SUMMARY OF QUANTITIES
4-6	TYPICAL SECTIONS
7	SCHEDULES OF QUANTITIES
8-9	PLAN & PROFILE SHEETS
10	EROSION CONTROL DETAILS
11	ENTRANCE DETAILS
12-13	CULVERT DETAILS
14	SOIL BORING LOG
15-21	CROSS SECTIONS

THE FOLLOWING STANDARDS ARE A PART OF THESE PLANS AND ARE INCLUDED AFTER SHEET NO. 21:

STD. NO.	DESCRIPTION
000001-05	"STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS"
001001-02	AREAS OF REINFORCEMENT BARS
280001-04	TEMPORARY EROSION CONTROL SYSTEMS
406201-01	MAILBOX TURNOUT
442201-03	CLASS C AND D PATCHES
482011-03	HMA SHLD. STRIPS/SHLDS. WITH RESURFACING OR WIDENING AND RESURFACING PROJECTS
542101-02	REINFORCED CONCRETE END SECTIONS FOR PIPE CULVERTS 375 MM THRU 900 MM DIA AT RIGHT ANGLES WITH ROADWAY
542301-02	PRECAST REINFORCED CONCRETE FLARED END SECTION
630001-08	STEEL PLATE BEAM GUARDRAIL
630101-08	GUARDRAIL MOUNTED ON EXISTING CULVERTS
630301-05	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
635006-03	REFLECTOR AND TERMINAL MARKER PLACEMENT
635011-02	REFLECTOR MARKER AND MOUNTING DETAILS
701001-02	"OFF-ROAD OPERATIONS, 2L, 2W, MORE THAT 15' AWAY"
701006-03	"OFF-RD OPERATIONS, 2L, 2W, 15' TO 24'" FROM PAVEMENT EDGE"
701011-02	"OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY"
701306-02	"LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS >= 45 MPH
701311-03	"LANE CLOSURE 2L, 2W, MOVING OPERATIONS - DAY ONLY"
701901-01	TRAFFIC CONTROL DEVICES
780001-02	TYPICAL PAVEMENT MARKINGS
BLR 21-8	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS

GENERAL NOTES

THIS SECTION SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE PLANS; THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED JANUARY 1, 2007; AND THE SPECIAL PROVISIONS INCLUDED IN THE PROPOSAL.

THIS PROJECT IS LOCATED ON FAS ROUTE 674 (FISH HATCHERY ROAD) IN COLES COUNTY, APPROXIMATELY 3.3 MILES SOUTH OF IL 16, AT STRUCTURE NUMBER 015-8305. THE WORK INCLUDED IN SECTION 28BR CONSISTS OF REMOVING THE EXISTING TRIPLE 1.22 M X 1.22 M BOX CULVERT AND REPLACING IT WITH A DOUBLE 2.1 M X 2.1 M PRECAST BOX CULVERT, EARTHWORK, PAVEMENT PATCHING, GUARDRAIL, AND ANY OTHER WORK NECESSARY TO COMPLETE THE SECTION.

UPON COMPLETION OF THE PROJECT THE RESIDENT ENGINEER SHALL CALL MIKE WORTHY AT (217) 342-8284 TO ARRANGE FOR FINAL PAVEMENT MARKING.

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

THE MATERIAL USED FOR POROUS GRANULAR BACKFILL SHALL BE CA-6.

THE PAVEMENT OVER THE BOX CULVERT SHALL BE PATCHED IN ACCORDANCE WITH SECTION 442 OF THE STANDARD SPECIFICATIONS. THE ESTIMATED DEPTH OF THE EXISTING PAVEMENT AND SUBSEQUENT RESURFACING THICKNESSES IS SHOWN ON THE EXISTING TYPICAL SECTIONS.

THE RESIDENT ENGINEER SHALL BE THE SOLE JUDGE CONCERNING THE CURING TIME FOR THE VARIOUS HOT-MIX ASPHALT LIFTS.

THE CONTRACTOR SHALL PROVIDE INTERNET ACCESSIBILITY TO THE HOT-MIX ASPHALT PLANT QUALITY CONTROL LAB SO THAT HOT-MIX ASPHALT PLANT REPORTS CAN BE E-MAILED TO THE DISTRICT HEADQUARTERS. THIS WORK SHALL BE INCLUDED IN THE COST OF ALL HOT-MIX ASPHALT ITEMS.

THE CONTRACTOR SHALL USE EITHER RC-70 OR AN EMULSIFIED POLYMER PRIME SS-1HP FOR THE PAY ITEM BITUMINOUS MATERIALS (PRIME COAT).

A UNIFORMLY STRAIGHT SAW CUT SHALL BE MADE AT LOCATIONS WHERE PROPOSED NEW CONSTRUCTION WILL ABUT EXISTING HOT-MIX ASPHALT SURFACES. THE SAW CUT SHALL BE MADE FULL DEPTH THROUGH THE EXISTING SURFACE. THIS WORK WILL BE CONSIDERED INCLUDED IN THE COST OF THE CONTRACT ITEMS INVOLVED AND NO EXTRA COMPENSATION WILL BE ALLOWED.

THE LOCATIONS AND/OR DEPTHS OF UNDERGROUND UTILITIES SHOWN HAVE BEEN TAKEN FROM INFORMATION FURNISHED BY THE UTILITY OWNERS AND MUST BE CONSIDERED APPROXIMATE. FIELD MARKINGS OF UTILITIES IN CRITICAL AREAS MAY BE OBTAINED BY PROVIDING A MINIMUM OF 96 HOURS ADVANCE NOTICE THROUGH THE J.U.L.I.E. SYSTEM BY CALLING 800-892-0123.

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

MIXTURE USE:	PAVEMENT PATCHING (FULL DEPTH)
PG GRADE:	PG 64-22
DESIGN AIR VOIDS:	4.0% @ Ndesign = 70
MIXTURE COMPOSITION:	IL-19
FRICTION AGGREGATE:	N/A

MIXTURE USE:	INCIDENTAL HMA
PG GRADE:	PG 64-22
DESIGN AIR VOIDS:	4.0% @ Ndesign = 50
MIXTURE COMPOSITION:	IL-9.5
FRICTION AGGREGATE:	MIXTURE C

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

AGGREGATE SHOULDERS	2.433 M TON/CU M
BITUMINOUS MATERIALS (PRIME COAT)	0.5 L/SQ M
AGGREGATE (PRIME COAT)	2 KG/SQ M
HOT-MIX ASPHALT	2.243 M TON/CU M