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**HIGHWAY STANDARDS**

- 406201-01
- 442201-03
- 482001-02
- 606101-04
- 630001-08
- 630301-05
- 635006-03
- 642001-01
- 701201-03
- 701301-03
- 701306-02
- 701311-03
- 701326-03
- 701336-05
- 701501-05
- 701901-01
- 780001-02
- 781001-03

**GENERAL NOTES**

1. THE STANDARDS AND REVISION NUMBERS LISTED SHALL APPLY TO THIS PROJECT.
2. IF ANY SECTION OR SUB-SECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED OR RESURFACED OVER. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKERS AND MONUMENTS UNTIL THE OWNER, AN AUTHORIZED SURVEYOR, OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.
3. ILLINOIS STATE LAW REQUIRES A 48-HOUR NOTICE TO BE GIVEN TO UTILITIES BEFORE DIGGING. FIELD MARKING OF FACILITIES MAY BE OBTAINED BY CONTACTING J.U.L.I.E. OR FOR NON-MEMBERS, THE UTILITY COMPANY DIRECTLY. AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA ARE AS FOLLOWS:

	ABOVE GROUND	BELOW GROUND
•AMERENIP	X	X
•EGYPTIAN ELECTRIC COOPERATIVE ASSOCIATION	X	X
•EXXONMOBIL PIPELINE COMPANY		X
•CITY OF SPARTA		X
•VERIZON NORTH, INC.	X	X
•WASHINGTON COUNTY WATER CO.		X

MEMBERS OF J.U.L.I.E. (800)-892-0123 ARE INDICATED BY \*. NON J.U.L.I.E. MEMBERS MUST BE NOTIFIED INDIVIDUALLY.

4. THE CONTRACTOR SHALL BE AWARE THAT THERE ARE MANHOLES & VALVES LOCATED WITHIN THE RESURFACING LIMITS. CARE SHALL BE TAKEN IN THESE LOCATIONS DURING MILLING OPERATIONS.
5. THE THICKNESS OF THE BITUMINOUS MIXTURE SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE BITUMINOUS MIXTURE IS PLACED.

**6. THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:**

ROUTE	FAP 329 (IL 154)			
SECTION	20RS-4			
COUNTY	RANDOLPH			
CONTRACT	76036			
DESCRIPTION:	3P IL-154 FROM BURNES AVE. IN SPARTA TO PERRY COUNTY LINE.			
ADT (Constructio	6000			
MU%:	4.6			
SU%:	4.4			
20 YR. ESAL'S:	1.84			
MIXTURE USE	SURFACE	LEVELING BINDER	BINDER/PATCHING	SHOULDERS
AC/PG	PG 64-22	PG 64-22	PG 64-22	PG 64-22
RAP % (MAX)	10%	SEE SPEC.	15%	30%
DESIGN AIR Voids	4.0% @ Ndes=70	4.0% @ Ndes=70	4.0% @ Ndes=70	2.0% @ Ndes=30
MIX COMPOSITION				
GRADATION MIXTURE		IL 9.5	IL 19.0	
FRICITION AGG	MIXTURE "D"	MIXTURE "C"	MIXTURE "B"	9AM

•• Top Lift Shoulders - Design this mix at 2.0% voids and add asphalt to reduce voids to 1.5%.  
 Plan quantities for Bituminous Concrete Surface Course Items are calculated using a unit weight of 112 lb/sq yd/in (59.8 kg/sq m/25 mm thickness).

7. ANY EARTHWORK ASSOCIATED WITH REMOVAL OR PLACEMENT OF THE GUTTER AND CURB & GUTTER SHALL BE INCLUDED IN THE COST FOR THE GUTTER AND COMBINATION CONCRETE CURB & GUTTER.
8. ANY EARTHWORK REQUIRED FOR HMA WIDENING SHALL BE INCLUDED IN THE COST OF THE HMA WIDENING.
9. STRAW BALES, HAY BALES, PERIMETER EROSION BARRIER, AND SILT FENCES WILL NOT BE PERMITTED FOR TEMPORARY OR PERMANENT DITCH CHECKS. DITCH CHECKS SHALL BE COMPOSED OF AGGREGATE, SILT PANELS, ROLLED EXCELSIOR, SILT WEDGES, OR ANY OTHER MATERIAL APPROVED BY THE ENGINEER.
10. ALL AREAS DISTURBED FOR ANY REASON SHALL BE SEEDED WITH CLASS 1, 2, OR 3 SEEDING AS DIRECTED BY THE ENGINEER. NUTRIENTS SHALL CONFORM TO ARTICLE 250.04.
11. EXISTING TREES THAT ARE NOT SHOWN ON THE PLANS AS TO BE REMOVED SHALL REMAIN UNDAAGED.
12. SAW CUTTING ON ALL EDGES FOR REMOVAL ITEMS SHALL BE INCLUDED IN THE COST OF THE REMOVAL ITEM AS INDICATED AND IN ACCORDANCE WITH SECTION 440 OF THE STANDARD SPECIFICATIONS.
13. THE CONTRACTOR AND THE ENGINEER SHALL BE AWARE THAT NO SURVEY WAS PERFORMED FOR THIS PROJECT. THE STATIONING AND TOPO SHOWN IN THE PLANS WAS CREATED USING MICROFILM AND FIELD MEASUREMENTS MADE BY DESIGN PERSONNEL. BOTH SHALL BE ASSUMED TO BE APPROXIMATE.
14. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
15. NO OVERNIGHT LANE CLOSURES WILL BE ALLOWED.
16. ROAD CONSTRUCTION AHEAD SIGNS SHALL BE PLACED AT THE BEGINNING AND END OF THE PROJECT PLUS THE INTERSECTING SIDE ROADS, AND WILL BE INCLUDED IN THE TRAFFIC CONTROL PAY ITEMS. ALL CONSTRUCTION SIGNS SHALL BE (48X48) FLUORESCENT ORANGE.
17. FLAGMEN SHALL BE PRESENT DURING ALL CLOSURE HOURS, INCLUDING LUNCH HOUR, AND NO ADDITIONAL COMPENSATION SHALL BE APPLIED.
18. EXCAVATION ADJACENT TO EDGE OF PAVEMENT SHALL BE PROTECTED WITH EXTENDED LEG BARRICADES WITH STEADY BURN LIGHTS
19. SHORT-TERM PAVEMENT MARKING SHALL BE APPLIED TO THE MILLED, PRIMED, AND FINAL BITUMINOUS SURFACE. A QUANTITY FOR TEMPORARY PAVEMENT MARKING EQUAL TO THE AMOUNT OF PERMANENT PAVEMENT MARKING HAS BEEN ADDED TO THE PLANS.
20. ALL TEMPORARY PAVEMENT MARKINGS WILL BE PLACED IN SUCH A MANNER SO AS NOT TO INTERFERE WITH THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS.
21. THE REPLACEMENT OF PIPE CULVERTS AT SIDEROADS SHALL BE COMPLETED UNDER TRAFFIC, ONE HALF AT A TIME, AS DIRECTED BY THE ENGINEER, AND THE COST IS TO BE INCLUDED UNDER TRAFFIC CONTROL.
22. RIPRAP AND FILTER FABRIC SHALL BE PLACED TO MATCH THE EXISTING SLOPES TO COMPLETE THIS TO THE SATISFACTION OF THE ENGINEER.

**COMMITMENTS**

•ENVIRONMENTAL: ANY SOIL EXCAVATED IS TO REMAIN ON SITE.

FILE NAME #	USER NAME # #USER#	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>GENERAL NOTES</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
#FILE#	PLOT SCALE # #SCALE#	DRAWN -	REVISED -			329	20RS-4(20-2,19)RS-3	RANDOLPH	19	2	
	PLOT DATE # #DATE#	CHECKED -	REVISED -			CONTRACT NO. 76036					
		DATE -	REVISED -			SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	