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HIGHWAY STANDARDS

- .000001-05
- 001006
- 482006-03
- 606101-04
- 701006-03
- 701101-02
- 701106-02
- 701426-03
- 701602-04
- 701606-06
- 701901-01

COMMITMENTS

NONE

GENERAL NOTES

- ① EXCEPT WHERE DESIGNATED OTHERWISE, THE LOCATIONS AND/OR DEPTHS OF UNDERGROUND UTILITIES SHOWN HAVE BEEN TAKEN FROM OFFICE RECORD INFORMATION FURNISHED BY THE UTILITY OWNERS AND MUST BE CONSIDERED APPROXIMATE.
- ② 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 ON-MEMBERS, THE UTILITY COMPANY DIRECTLY. AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA ARE AS FOLLOWS:

UTILITY	ABOVE GROUND	BELOW GROUND
* AMERENIP (GAS AND ELECTRIC)	X	X
* AT&T ILLINOIS (COMMUNICATIONS)	X	X
* CHARTER COMMUNICATIONS, INC. (CABEL TV)	X	X
* CITY OF COLLINSVILLE (WATER AND SANITARY SEWER)		X
* SOUTHWESTERN ELECTRIC COOPERATIVE, INC. (ELECTRIC)	X	
* CITY OF TROY (WATER AND SANITARY SEWER)		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.

- ③ 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.
- ④ "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 FLUORESCENT ORANGE. (48"X48")
- ⑤ EXCAVATION ADJACENT TO EDGE OF PAVEMENT SHALL BE PROTECTED WITH EXTENDED LEG BARRICADES WITH APPROPRIATE LIGHTS AT 100' SPACING.
- ⑥ THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
- ⑦ ALL AREAS DISTURBED FOR ANY REASON SHALL BE PERMANENTLY SEEDED AS DIRECTED BY THE ENGINEER. ALL AREAS DISTURBED BY THE CONTRACTOR OUTSIDE THE PROPOSED CONSTRUCTION LIMITS SHALL BE SEEDED AT THE CONTRACTOR'S EXPENSE.
- ⑧ THE AREAS OF SHOULDER BEING REMOVED WILL BE 4' IN WIDTH FOR THE SPECIFIED LENGTH AS INDICATED IN THE PLANS AND WILL BE PAID FOR AS PAVED SHOULDER REMOVAL DUE TO THE EXISTING VARIOUS WIDTHS AND MATERIALS.
- ⑨ 7000 FT OF URETHANE PAVEMENT MARKING SOLID LINE, 4" HAVE BEEN ADDED TO THE QUANTITY FOR EDGE LINES SHOULD EXISTING GET DAMAGED DURING SHOULDER REMOVAL AND REPLACEMENT.
- ⑩ THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

MIXTURE USE	SHOULDERS ≥ 2.25"	SHOULDERS < 2.25"
AC/PG	PG 64-22	PG 64-22
RAP % (MAX)	SEE CONTRACT RAP SPECIAL PROVISION	SEE CONTRACT RAP SPECIAL PROVISION
DESIGN AIR VOIDS		
MIX COMPOSITION (GRADATION MIXTURE)	**2.0%NDES=30 NMA3 3/4"	**2.0%NDES=30 NMA3 1/2"
FRICTION AGG		

** 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).