

GENERAL NOTES

- ① 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.
- ② 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.
- ③ ILLINOIS STATE LAW REQUIRES A 48-HOUR NOTICE TO BE GIVEN TO ALL 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:

UTILITY	ABOVE GROUND	BELOW GROUND
* CITY OF ALTON		X
* AMERENCIPS	X	X
* AMERENIP	X	X
* AT&T ILLINOIS	X	X
* VILLAGE OF BETHALTO		X
*CHARTER COMMUNICATIONS, INC.	X	X
* ILLINOIS AMERICAN WATER COMPANY		X
* LEVEL 3 COMMUNICATIONS, LLC		X
* VERIZON BUSINESS		X
* 360 NETWORKS (USA) INC.		X
* SOUTHERN ILLINOIS UNIVERSITY-EDWARDSVILLE	X	X
* SPRINT/NEXTEL		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 FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

ROUTE	FAP 785 (IL 140/111)
SECTION	(132-2,3,4, 133-1)RS
COUNTY	MADISON
CONTRACT	76B80

DESCRIPTION	3P-IL 140/111 FROM ANNEX ST. IN ALTON TO WILLIAMS ST. IN BETHALTO.
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ADT (Construction Yr):	23,000
MU%:	1.6
SU%:	2.8
20YR. ESAL'S:	2.92

MIXTURE USE	POLY-SURFACE	POLY-LEVEL BINDER	BASE CRS/PATCHING	POLY INCIDENTAL SURF
AC/PG	SBS 76-22	SBS 76-22	PG 64-22	SBS 76-22
RAP % (MAX)	SEE SPEC.	SEE SPEC.	SEE SPEC.	SEE SPEC.
DESIGN AIR VOIDS	4.0% @ Ndes=90	4.0% @ Ndes=90	4.0% @ Ndes=90	4.0% @ Ndes=90
MIX COMPOSTITION				
(GRADATION MIXTURE)	IL 12.5/9.5	IL 4.75	IL 19.0	IL 12.5/9.5
FRICION AGG	MIXTURE "D"	MIXTURE "C"	MIXTURE "B"	MIXTURE "D"

MIXTURE USE	SHOULDERS>2.25"	SHOULDERS<2.25"	PARTIAL DEPTH PATCH
AC/PG	PG 64-22	PG 64-22	PG 64-22
RAP % (MAX)	***	***	SEE SPEC.
DESIGN AIR VOIDS			4.0% @ Ndes=90
MIX COMPOSTITION	2.0% @ Ndes=30	2.0% @ Ndes=30	
(GRADATION MIXTURE)	NMAS 3/4"	NMAS 1/2"	
FRICION AGG			MIXTURE "C"

** 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).
 *** See contract RAP special provision.

- 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 "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")

~~⑦ FLAGGERS SHALL BE PRESENT DURING ALL CLOSURE HOURS, INCLUDING LUNCH HOUR, AND NO ADDITIONAL COMPENSATION SHALL BE ALLOWED.~~

- ⑧ EXCAVATION ADJACENT TO EDGE OF PAVEMENT SHALL BE PROTECTED WITH EXTENDED LEG BARRICADES WITH APPROPRIATE LIGHTS.
- ⑨ THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
- ⑩ ALL AREAS DISTURBED BY THE CONTRACTOR OUTSIDE THE PROPOSED CONSTRUCTION LIMITS SHALL BE SEEDED AT THE CONTRACTOR'S EXPENSE.
- ⑪ SHORT-TERM PAVEMENT MARKING SHALL BE APPLIED TO THE MILLED, PRIMED, AND FINAL HMA SURFACE. A QUANTITY FOR TEMPORARY PAVEMENT MARKING EQUAL TO THE AMOUNT OF PERMANENT PAVEMENT MARKINGS HAS BEEN ADDED TO THE PLANS. ONLY REMOVAL FROM FINAL SURFACE PAID FOR AS WORK ZONE PAVEMENT MARKING REMOVAL.
- ⑫ THIS PROJECT INCLUDES A STATION EQUATION.
- ⑬ SUMMARY OF QUANTITIES COLUMNS:
 COLUMN 1 = (STA. 41+97 TO STA. 202+50) 3P POLICY
 COLUMN 2 = (STA. 202+50 TO STA. 468+75) 3P POLICY
 COLUMN 3 = (STA. 468+75 TO STA. 499+80) 3R POLICY
- ⑭ REMOVAL OF MATERIAL UNDER MEDIAN FOR MEDIAN REPLACEMENT OR NEW PAVEMENT SHALL BE INCLUDED IN THE MEDIAN REMOVAL PAY ITEM.
- ⑮ 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.
- ⑯ PLEASE NOTE SPECIAL PROVISION FOR "PORTLAND CEMENT CONCRETE PAVMENT 10" (JOINTED).

COMMITMENTS

NONE

REVISI 4/20/11