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LIST OF STANDARDS

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- 701301-04 LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
- 701306-03 LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY > 45MPH
- 701311-03 LANE CLOSURE 2L, 2W MOVING OPERATIONS-DAY ONLY
- 701336-06 LANE CLOSURE, 2L, 2W, WORK AREAS IN SERIES, FOR SPEEDS ≥ 45 MPH
- 701426-04 LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS < 40MPH
- 701427 LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS ≥ 45 MPH
- 701502-04 URBAN LANE CLOSURE, 2L, 2W WITH BIDIRECTIONAL LEFT TURN LANE
- 701601-07 URBAN LANE CLOSURE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
- 701602-05 URBAN LANE CLOSURE, MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE
- 701606-08 URBAN LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
- 701701-08 URBAN LANE CLOSURE, MULTILANE INTERSECTION
- 701901-02 TRAFFIC CONTROL DEVICES
- 780001-03 TYPICAL PAVEMENT MARKINGS
- 781001-03 TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT PAVEMENT MARKERS
- 886001-01 DETECTOR LOOP INSTALLATIONS
- 886006-01 TYPICAL LAYOUTS FOR DETECTION LOOPS

- 9. SHORT-TERM PAVEMENT MARKING SHALL BE APPLIED TO THE HMA BINDER COURSE AND SURFACE COURSE, IF REQUIRED. A QUANTITY FOR TEMPORARY PAVEMENT MARKING EQUAL TO THE AMOUNT OF PERMANENT PAVEMENT MARKING HAS BEEN INCLUDED IN THE PLANS.
- 10. ALL TEMPORARY PAVEMENT MARKINGS SHALL BE PLACED IN SUCH A WAY AS NOT TO INTERFERE WITH THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS.
- 11. APPROXIMATELY 270 SQUARE YARDS OF PCC PATCHES WITHIN THE PROJECT LIMITS WILL BE SUBJECT TO THE HMA SURFACE REMOVAL OPERATIONS OF THE DEPTHS SPECIFIED IN THE PLANS. THE COST OF MILLING THESE PATCHES SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE OF THE HMA REMOVAL ITEMS IN THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- 12. ALL MILLED AREAS SHALL BE RESURFACED WITH THE APPROPRIATE LEVEL BINDER OR BINDER COURSE PRIOR TO OPENING LANES TO TRAFFIC.
- 13. FOR CLASS B PATCHES, THE REINFORCEMENT SHALL BE PLACED AT 3/2" ± 1 INCH BELOW THE ELEVATION OF THE EXISTING CONCRETE PAVEMENT.
- 14. APPROXIMATELY 16 CUBIC YARDS OF FURNISHED EXCAVATION WILL BE REQUIRED FOR WIDENING AROUND THE TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT. THIS WORK SHALL BE INCLUDED IN THE UNIT PRICE FOR TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT AND CONSTRUCTED ACCORDING TO STANDARD 635011-02.
- 15. THE CONTRACTOR SHALL EXERCISE CARE IN PERFORMING REMOVALS SO AS NOT TO DISRUPT ADJOINING FEATURES THAT ARE TO REMAIN IN PLACE. ANY DAMAGE CAUSED TO ADJOINING FEATURES AS A RESULT OF THE CONTRACTOR'S NEGLIGENCE SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE TO THE SATISFACTION OF THE ENGINEER.
- 16. THE CONTRACTOR SHALL EXERCISE CARE IN EXCAVATING AROUND EXISTING UTILITIES TO REMAIN IN PLACE, SUCH AS WATER AND SEWER MAINS, AND SHALL BE RESPONSIBLE FOR REPAIR OF THESE AND MAINTENANCE OF SERVICE, IF DAMAGED BY THE CONTRACTOR'S ACTIVITIES, AS DEEMED SUCH BY THE ENGINEER.
- 17. THE CONTRACTOR SHALL VERIFY AND MATCH ALL EXISTING CROSS SLOPES.
- 18. FLAGGERS SHALL BE PRESENT DURING ALL CLOSURE HOURS INCLUDING LUNCH HOUR AND NO ADDITIONAL COMPENSATION SHALL BE ALLOWED.
- 19. CARE SHALL BE TAKEN AT ALL SIDE STREETS AND ENTRANCES DURING MILLING OPERATIONS TO ENSURE THAT THE PROPOSED RESURFACING WILL MEET THE EXISTING SIDE STREETS AND ENTRANCES.
- 20. NO OVERNIGHT CLOSURES WILL BE PERMITTED.
- 21. POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 SHALL BE USED ON IL 111.
- 22. POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, FG, N90 SHALL BE USED ON IL 140.
- 23. APPROXIMATELY 32 SQ FT OF MEDIAN REMOVAL AND CONCRETE MEDIAN SURFACE REPLACEMENT IS REQUIRED ON ILL 111 AT STATION 281+50.
- 24. 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 CONTRACTORS EXPENSE.

MIXTURE REQUIREMENTS

INDICATES PAYMENT INCLUDED IN COST OF ANOTHER ITEM.

GENERAL NOTES

- 1. THE STANDARDS AND REVISION NUMBERS SHALL APPLY TO THIS PROJECT.
- 2. 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
•AMEREN ILLINOIS	X	X
•AT&T ILLINOIS	X	X
•VILLAGE OF BETHALTO		X
•CHARTER COMMUNICATIONS	X	X
•SOUTHWESTERN ELECTRIC COOPERATIVE	X	X

• = JULIE MEMBER

- 3. THE THICKNESS OF THE HMA 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 HMA MIXTURE IS PLACED.
- 4. AN ESTIMATED 14,302 TONS OF HMA WILL BE REMOVED.
- 5. ALL AREAS DISTURBED FOR ANY REASON SHALL BE SEEDED AND MULCHED AS DIRECTED BY THE ENGINEER. NUTRIENTS SHALL CONFORM TO ARTICLE 250.04 OF THE STANDARD SPECIFICATIONS. NO EXTRA PAYMENT WILL BE MADE FOR SUCH WORK.
- 6. THE CONTRACTOR AND THE ENGINEER SHALL BE AWARE THAT NO SURVEY WAS PERFORMED FOR THIS PROJECT. THE STATIONING SHOWN IN THE PLANS WAS CREATED USING MICROFILM AND FIELD MEASUREMENTS MADE BY DESIGN PERSONNEL. BOTH SHALL BE CONSIDERED APPROXIMATE.
- 7. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
- 8. "ROAD CONSTRUCTION AHEAD" SIGNS SHALL BE PLACED AT THE BEGINNING OF THE PROJECT PLUS ALL INTERSECTING SIDE ROADS AND RAMPS AND WILL BE INCLUDED IN THE TRAFFIC CONTROL PAY ITEMS. ALL CONSTRUCTION SIGNS SHALL BE 48" FLOURESCENT ORANGE.

ROUTE	FAP 785/582 (IL 140/111)
SECTION	133RS-6
COUNTY	MADISON
CONTRACT	76E85

DESCRIPTION:	IL 140 FROM 0.1 MILES WEST OF IL 111 TO 0.1 MILES EAST OF MORELAND RD. AND IL 111 FROM IL 140 TO 0.5 MILES SOUTH
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ADT (Construction Yr):	14700
MUX:	3
SUX:	1.4
20 YR. ESAL'S:	2.92

MIXTURE USE	POLYMER		
	POLY SURFACE	IL4.75MM LEVEL BINDER	POLY FINE GRADE BINDER
AC/PG	SBS PG 76-22	SBS PG76-22	SBS PG76-22
RAP % (MAX)	SEE SPEC.	SEE SPEC.	SEE SPEC.
DESIGN AIR Voids	4.0% @ Ndes=90	4.0% @ Ndes=50	4.0% @ Ndes=90
MIX COMPOSITION (GRADATION MIXTURE)	IL 12.5/9.5	IL 4.75	FINE GRADE IL19.0
FRICTION AGG	MIXTURE "D"	MIXTURE "C"	MIXTURE "B"

MIXTURE USE	SHOULDERS < 2.25"
AC/PG	SBS PG64-22
RAP % (MAX)	SEE CONTRACT RAP
DESIGN AIR Voids	SPECIAL PROVISION
MIX COMPOSITION (GRADATION MIXTURE)	**2.0% @ Ndes=30
FRICTION AGG	NMAS 1/2"

•• Top Lift Shoulders - Design this mix at 2.0% voids and add asphalt to reduce voids 1.5%

Plan quantities for HMA items are calculated using a unit weight of 112 lb/sq yd/in (59.8 kg/sq m/25 mm thickness).