

GENERAL NOTES

- 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.
- 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.
- THE THICKNESS OF BITUMINOUS SURFACE REMOVAL IS THE REMOVAL DEPTH AT THE CENTERLINE. AN ESTIMATED 2827 TONS OF BITUMINOUS SURFACE WILL BE REMOVED (TONNAGE BASED ON 108 LBS/SY/IN).
- ILLINOIS STATE LAW REQUIRES A 48-HOUR NOTICE 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:
  - AMEREN CIPS ELECTRIC (AERIAL & BURIED)
  - AMEREN IP GAS (BURIED)
  - AT&T ILLINOIS COMMUNICATIONS (AERIAL & BURIED)
  - CHARTER COMMUNICATIONCABLE TV (AERIAL & BURIED)
  - CITY OF EAST ST. LOUIS LIGHTING (AERIAL)
  - ILLINOIS AMERICAN WATER COMPANY WATER (BURIED)
  - MEDIACOM CABLE TV (AERIAL & BURIED)
  - VILLAGE OF WASHINGTON PARK SANITARY SEWER (BURIED)

MEMBERS OF J.U.L.I.E. (800-892-0123) ARE INDICATED BY AN \*.  
NON-J.U.L.I.E. MEMBERS MUST BE NOTIFIED INDIVIDUALLY.
- ALL TEMPORARY PAVEMENT MARKINGS WILL BE PLACED IN SUCH A MANNER SO AS NOT TO INTERFERE WITH THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS.
- ALL PATCHING ON THIS PROJECT SHALL BE COMPLETED PRIOR TO HMA SURFACE REMOVAL.
- THE CONTRACTOR SHALL BE AWARE THAT EXISTING FULL-DEPTH CONCRETE PATCHES ARE WITHIN THE PROPOSED HMA SURFACE REMOVAL LIMITS, AND REMOVAL COSTS ARE INCLUDED WITH THE REMOVAL ITEMS.
- THE CONTRACTOR SHALL BE AWARE THAT MANHOLES & VALVES ARE LOCATED WITHIN THE SURFACE REMOVAL & RESURFACING LIMITS. CARE SHALL BE TAKEN AT THESE LOCATIONS.
- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
- 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 48" FLORESCENT ORANGE.
- FLAGMEN SHALL BE PRESENT DURING ALL CLOSURE HOURS, INCLUDING LUNCH HOUR, AND NO ADDITIONAL COMPENSATION SHALL BE APPLIED.

12. THE FOLLOWING MIXTURES REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

ROUTE	FAU ROUTE 9151 (FOREST BLVD.)
ROUTE	FAU ROUTE 9151 (CASEYVILLE AVE.)
ROUTE	FAU ROUTE 9231 (40TH ST.)
SECTION	DISTRICT 8 RESURFACING 2010-6
COUNTY	ST. CLAIR
CONTRACT	76D85

DESCRIPTION	RESURFACING VARIOUS ROUTES
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ADT (Construction Yr):	0
MU%:	0
SU%:	0
20YR. ESAL'S:	0.00

MIXTURE USE	FULL DEPTH PATCHING
AC/PG	PG 64-22
RAP % (MAX)	SEE SPEC.
DESIGN AIR VOIDS	4.0% @ Ndes=90
MIX COMPOSTITION	
(GRADATION MIXTURE)	IL 19.0
FRICITION AGG	MIXTURE "B"

MIXTURE USE	LEVEL BINDER	SURFACE
AC/PG	PG 64-22	PG 64-22
RAP % (MAX)	SEE SPEC.	SEE SPEC.
DESIGN AIR VOIDS	4.0% @ Ndes=70	4.0% @ Ndes=70
MIX COMPOSTITION		
(GRADATION MIXTURE)		
FRICITION AGG	MIXTURE "C"	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).

DESIGN DESIGNATION

LOCATION 1 - FOREST BLVD. URBAN COLLECTOR ADT 2000 (2008) 2300 (2020)  
LOCATION 2 - CASEYVILLE AVE. URBAN COLLECTOR ADT 4800 (2008) 5400 (2020)  
LOCATION 3 - 40TH ST. URBAN COLLECTOR ADT 1650 (2008) 1900 (2020)

- SHORT TERM PAVEMENT MARKING SHALL BE APPLIED TO MILLED, LEVELING BINDER, AND HMA SURFACE. ONLY REMOVAL FROM FINAL SURFACE SHALL BE PAID UNDER WORK ZONE PAVEMENT MARKING REMOVAL.

HIGHWAY STANDARDS

- 000001-05 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 001006 DECIMAL OF AN INCH AND OF A FOOT
- 442201-03 CLASS C AND D PATCHES
- 606001-04 CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
- 701501-05 LANE CLOSURE, 2L, 2W, UNDIVIDED
- 701301-03 LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
- 701311-03 LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
- 701901-01 TRAFFIC CONTROL DEVICES
- 780001-02 TYPICAL PAVEMENT MARKINGS
- 781001-03 TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS

COMMITMENTS  
NONE