

GENERAL NOTES

1. 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:

	ABOVE GROUND	BELOW GROUND
• AMEREN ILLINOIS, GAS & ELECTRIC	X	X
• CITY OF ASHLEY, WATER & SANITARY SEWER		X
• CHARTER COMMUNICATIONS, INC., CABLE TV	X	X
• COUNTRYMARK COOPERATIVE, LLP, PIPELINE		X
• VILLAGE OF DU BOIS, WATER & SANITARY SEWER		X
• FRONTIER NORTH, INC., COMMUNICATIONS	X	X
• TRI-COUNTRY ELECTRIC COOPERATIVE, INC., ELECTRIC	X	X
• WASHINGTON COUNTY WATER CO., WATER		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. (NONE KNOWN)

- THE CONTRACTOR AND 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.
- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING MATERIALS.
- THE NOMINAL THICKNESS FOR BINDER AND SURFACE COURSE IS SHOWN ON THE TYPICAL SECTIONS, STANDARDS, SCHEDULES, OR SPECIAL DETAILS. THE CONSTRUCTED THICKNESS OF THE ABOVE ITEMS SHALL NOT BE LESS THAN 90 PERCENT OF THE NOMINAL THICKNESS AT ANY LOCATION.
- 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.
- THE THICKNESS OF THE HMA SURFACE REMOVAL IS THE REMOVAL DEPTH AT THE CENTERLINE. IN LOCATIONS OF CROSS SLOPE CORRECTION, THE REMOVAL DEPTH VARIES FROM 3/4" TO 0" AT THE EDGE OF PAVEMENT.
- ALL PATCHING ON THIS PROJECT SHALL BE COMPLETED PRIOR TO HMA SURFACE REMOVAL.
- THE CONTRACTOR IS TO USE FULL LANE WIDTH MILL (13 FT WIDE) DURING HMA SURFACE REMOVAL.
- 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 MARKING HAS BEEN ADDED TO THE PLANS. ALL TEMPORARY MARKINGS SHALL BE PLACED IN SUCH A MANNER SO AS NOT TO INTERFERE WITH THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS. WORK ZONE PAVEMENT MARKING REMOVAL SHALL ONLY BE PAID FOR ON THE FINAL LIFT OF SHORT-TERM PAVEMENT MARKING.
- THE PAVEMENT MARKING SHOWN ON THE PLAN IS APPROXIMATE. THE LOCATION OF THE PROPOSED PAVEMENT MARKINGS SHALL MATCH EXISTING FIELD CONDITIONS.
- NO OVERNIGHT LANE CLOSURES WILL BE ALLOWED.
- 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.
- FLAGMEN SHALL BE PRESENT DURING ALL CLOSURE HOURS, INCLUDING LUNCH HOUR, AND NO ADDITIONAL COMPENSATION SHALL BE APPLIED.

ROUTE	U.S. ROUTE 51
SECTION	17, BIRS-2
COUNTY	WASHINGTON
CONTRACT	76E91

DESCRIPTION: US 51 FROM IL 15 W. JCT TO PERRY COUNTY LINE

ADT (CONSTRUCTION YR)	2000
MJ %	9
SY %	4
20 YR. ESAL'S	1,06

MIXTURE USE:	SURFACE COURSE	LEVELING BINDER	PATCHING	INCIDENTAL SURFACE	PARTIAL DEPTH PATCH
AC/PG	PG 64-22	PG 64-22	PG 64-22	PG 64-22	PG 64-22
RAP % (MAX)	SEE SPEC.	SEE SPEC.	SEE SPEC.	SEE SPEC.	SEE SPEC.
DESIGN AIR VOIDS	4.0% @ N _{org} = 70	4.0% @ N _{org} = 70	4.0% @ N _{org} = 70	4.0% @ N _{org} = 70	4.0% @ N _{org} = 70
MIXTURE COMPOSITION (GRADATION)	IL 9.5	IL 9.5	IL 19.0 FINE GRADE	IL 9.5	
FRICTION AGGREGATE	MIX "C"	MIX "C"	MIX "B"	MIX "C"	MIX "C"

MIXTURE USE:	SHOULDERS > 2.25"	SHOULDERS < 2.25"
AC/PG	PG 64-22	PG 64-22
RAP % (MAX)	SEE CONTRACT RAP	SEE CONTRACT RAP
DESIGN AIR VOIDS	SPECIAL PROVISION	SPECIAL PROVISION
MIXTURE COMPOSITION (GRADATION MIXTURE)	**2.0% @ N _{org} = 30	**2.0% @ N _{org} = 30
FRICTION AGGREGATE	NMAS 3/4"	NMAS 1/2"

** TOP LIFT SHOULDERS-DESIGN THIS MIX AT 2.0% VOIDS AND ADD ASPHALT TO REDUCE VOIDS TO 1.5%

RATES OF APPLICATION

CRUSHED STONE (WITH FINES): AGGREGATE SHOULDERS	2.05 TON/CU YD
BITUMINOUS CONCRETE: SURFACE, BINDER, LEVEL BINDER	112 LBS/SQ YD/INCH
AGGREGATE (PRIME COAT): BRICK, PCC, & BITUM BASE	0.0015 TON/SQ YD
BITUMINOUS MATERIALS (PRIME COAT): BRICK, PCC, & BITUM BASE	0.0003129 TON/SQ YD
SEEDING AREAS: NITROGEN FERTILIZER NUTRIENT	90 LBS/ACRE
PHOSPHOROUS FERTILIZER NUTRIENT	90 LBS/ACRE
POTASSIUM FERTILIZER NUTRIENT	90 LBS/ACRE
MULCH: METHOD 1&2; STRAW MULCH	2 TONS/ACRE

COMMITMENTS

NONE

DRIVER: J:\Bentley\Bentley\Projects\110001\110001.dwg
 FILE NAME: J:\Bentley\Bentley\Projects\110001\110001.dwg
 PLOT DATE: 1/12/2012