

GENERAL NOTES

- THE STANDARDS AND REVISION NUMBERS SHALL APPLY TO THIS PROJECT.
- ALL ELEVATIONS REFER TO NATIONAL GEODATIC SURVEY (N.G.S.) DATUM.
- IF ANY SECTION OR SUB-SECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED OR RESURFACED OVER. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKERS AND MONUMENTS UNTIL THE OWNER, AN AUTHORIZED SURVEYOR, OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.
- 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 GOUND	BELOW GROUND
*AMEREN IP (GAS & ELECTRIC)	X	
*AT&T CORPORATION (COMMUNICATIONS)		X
*BOND MADISON WATER COMPANY (WATER)		X
*CONSOLIDATED COMMUNICATIONS (COMMUNICATIONS)	X	X
*LEVEL 3 COMMUNICATIONS, LLC (COMMUNICATIONS)		X
*VILLAGE OF LIVINGSTON (WATER & SANITARY SEWER)		X
*MADISON TELEPHONE COMPANY (COMMUNICATIONS)		X
*MARATHON PIPE LINE LLC (PIPELINE)		X
*PAETEC (COMMUNICATIONS)		X
*SOUTHWESTERN ELECTRIC COOPERATIVE, INC (ELECTRIC)	X	X
*THREE COUNTY PUBLIC WATER DISTRICT (WATER)		X
MEMBERS OF J.U.L.I.E. (800)892-0123 ARE INDICATED BY *. NON MEMBERS MUST BE NOTIFIED INDIVIDUALLY.		X
- EXCESS BITUMEN REMOVAL SHALL BE PAID FOR ACCORDING TO ARTICLE 109.04 OF STANDARD SPECIFICATIONS.
- A QUANTITY FOR CLEANING PAVED DITCH HAS BEEN INCLUDED IN THE PLANS FOR USE ON THIS PROJECT. LOCATIONS IN MOST NEED OF CLEANING SHOULD BE IDENTIFIED BY THE ENGINEER.
- 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.
- AN ESTIMATED 38,000 TONS OF HMA WILL BE REMOVED.
- THE MIXTURE REQUIREMENTS SHOWN ON THIS SHEET IN THE MIXTURE REQUIREMENTS CHART ARE APPLICABLE FOR THIS PROJECT.
- 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.
- 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 CONTRACTOR AND THE 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 CONSIDERED APPROXIMATE.
- 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 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.
- 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 INCLUDED IN THE PLANS. "WORK ZONE PAVEMENT MARKING REMOVAL" SHALL BE PAID FOR THE FINAL SURFACE ONLY.
- ALL TEMPORARY PAVEMENT MARKINGS SHALL BE PLACED IN SUCH A WAY AS NOT TO INTERFERE WITH THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS.
- THE STAGE CONSTRUCTION TRAFFIC CONTROL SEQUENCE AS SHOWN IN THE PLANS IS SUGGESTED. THE CONTRACTOR MAY SUBMIT IN WRITING A PROPOSED STAGE CONSTRUCTION TRAFFIC CONTROL SEQUENCE MEETING THE TRAFFIC CONTROL STANDARDS, PLAN NOTES, AND SPECIAL PROVISIONS IN THIS CONTRACT FOR APPROVAL BY THE DEPARTMENT.
- ANY REFERENCE TO BITUMINOUS CONCRETE SHALL BE CONSTRUED TO MEAN HMA.
- THE 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.
- THE PORTABLE CHANGEABLE MESSAGE SIGNS SHALL BE PLACED AS DIRECTED BY THE ENGINEER. NO ADDITIONAL COMPENSATION SHALL BE ALLOWED FOR RELOCATION OF THESE SIGNS.

- ALL MILLED AREAS SHALL BE RESURFACED WITH THE APPROPRIATE LEVEL BINDER OR BINDER COURSE PRIOR TO OPENING LANES TO TRAFFIC.
- EXISTING UNDERGROUND AND ABOVE GRADE FACILITIES, STRUCTURES, AND UTILITIES HAVE BEEN PLOTTED ON THESE CONTRACT DOCUMENTS BASED UPON THE INFORMATION AND SURVEYS AVAILABLE AT THE TIME OF DRAWING PREPARATION. THE LOCATION OF THESE FEATURES MUST, THEREFORE, BE CONSIDERED APPROXIMATE ONLY. IN ADDITION, THERE MAY BE OTHER FACILITIES, STRUCTURES, AND UTILITIES WHICH DID NOT EXIST (OR THE EXISTENCE OF WHICH WAS NOT KNOWN) AT THE TIME OF DRAWING PREPARATION. IT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR(S) TO HAVE ALL EXISTING FACILITIES, STRUCTURES, AND UTILITIES LOCATED IN THE FIELD PRIOR TO ANY EXCAVATION OR CONSTRUCTION ACTIVITY; AND TO PROTECT ALL SUCH EXISTING FEATURES (EXCEPT THOSE SPECIFICALLY NOTED FOR REMOVAL OR DEMOLITION DURING CONSTRUCTION).

- CONNECTING OF NEW OR EXISTING PIPE UNDERDRAINS TO NEW OR EXISTING INLETS OR MANHOLES SHALL BE MADE IN A MANNER WHICH RESULTS IN A NEAT AND WATERTIGHT JOINT. WHEN PLACED THROUGH THE WALL OF AN INLET OR MANHOLE, PIPE UNDERDRAINS SHALL BE PLACED OR CUT FLUSH WITH THE FACE OF THE WALL AND DRESSED WITH MORTAR TO PROVIDE A SMOOTH ROUNDED OR BEVELED EDGE. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICES OF THE PIPE UNDERDRAINS OR STRUCTURES INVOLVED.

- FOR STABILIZATION ALL TYPE III BARRICADES SHALL REQUIRE A MINIMUM OF 16 SANDBAGS PER BARRICADE.

- THE CONTRACTOR SHALL PROVIDE LABOR AND MATERIALS REQUIRED TO IMPRINT PAVEMENT STATION NUMBERS IN THE FINISHED SURFACE OF THE PAVEMENT AND/OR OVERLAY EVERY 250 FEET. THE NUMBERS SHALL BE APPROXIMATELY 3/4 INCH WIDE, 5 INCHES HIGH AND 5/8 INCH DEEP. THE BOTTOM OF THE NUMBERS SHALL BE PLACED 6 INCHES FROM THE INSIDE EDGE OF THE PAVEMENT MARKING LINE ON THE OUTSIDE EDGE OF PAVEMENT. THE STAMPED STATIONS SHALL BE IMMEDIATELY FILLED WITH SAND PRIOR TO ANY ADDITIONAL ROLLING. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT WILL BE CONSIDERED INCLUDED IN THE COST OF THE ASSOCIATED PAVING ITEMS.

- LOCATING UNDERGROUND CABLE HAS BEEN INCLUDED IN THESE PLANS FOR LOCATING ALL STATE FACILITIES ON STATE ROW SUCH AS HIGHWAY LIGHTING, ITS SYSTEMS, TRAFFIC COUNTERS, ETC.

- SHOULDER WIDENING FOR THE TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT SHALL BE INCLUDED IN THE UNIT PRICE OF THE TRAFFIC BARRIER TERMINAL AND CONSTRUCTED ACCORDING TO STANDARD 630301.

- MIXTURES FOR JOINTS, CRACKS, AND FLANGEWAYS AS SPECIFIED IN SECTION 406 OF THE STANDARD SPECIFICATIONS SHALL BE PAID FOR ACCORDING TO ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.

- THE ENGINEER SHALL SURVEY ALL GORE AREAS TO DETERMINE DRAINAGE PATTERNS. THE PROPOSED HMA SURFACING SHALL BE PLACED TO PROVIDE FOR POSITIVE DRAINAGE AS DIRECTED BY THE ENGINEER.

- QUANTITIES FOR WOVEN WIRE FENCE REMOVAL AND WOVEN WIRE FENCE, 4' HAVE BEEN INCLUDED IN THE PLANS FOR ACCESS CONTROL FENCE REPAIR. LOCATIONS IN MOST NEED OF REPAIR SHOULD BE IDENTIFIED BY THE ENGINEER.

- BEFORE PLACING THE AGGREGATE SUBBASE, PLEASE CONTACT DGE AT LEAST ONE DAY IN ADVANCE TO CONDUCT SOIL STABILITY TESTING. A GEOSYNTHETIC FABRIC OR GEOGRID MAY BE REQUIRED PRIOR TO THE PLACEMENT OF THE 12" OF AGGREGATE. A QUANTITY OF 1451 SQ YD HAS BEEN INCLUDED IN THE CONTRACT.

- THE HOT-MIX ASPHALT PLUG SHOWN ON HIGHWAY STANDARD 601001 FOR SHOULDER REMOVAL AND REPLACEMENT SHALL BE CONSTRUCTED OF A HOT-MIX ASPHALT MIXTURE OF 75% CA-11 AND 25% CA-16 WITH 2.8 +/- 0.2% OF ASPHALT CEMENT. THE ASPHALT CEMENT SHALL BE PG-64-22.

HIGHWAY STANDARDS		
000001-05	631011-06	701311-03
001001-02	631031-08	701400-04
001006	631032-05	
420001-07	631033-03	701402-07
421001-02	635001-01	701406-05
442001-04	635006-03	701411-06
442101-07	635011-02	701426-03
482006-03	642001-01	701456
601001-03	665001-02	701901-01
601101-01	701001-02	704001-06
609001-05	701006-03	720011-01
630001-08	701101-02	781001-03
630301-05	701106-02	780001-02
	701301-03	

ROUTE	FAI RTE. 55
SECTION	60-3RS-1, 60-(3HB, 3HB-1)
COUNTY	MADISON
CONTRACT	76601

MIXTURE REQUIREMENTS

COMMITMENTS  
NONE

DESCRIPTION:	RESURFACING, BRIDGE REPAIR AND DECK OVERLAY ON I-55 FROM NORTH OF IL 4 TO THE MACOUPIN COUNTY LINE.
ADT (Construction Yr):	29700
MU%:	20.9
SU%:	3
20 YR. ESAL'S:	37.68

MIXTURE USE	SMA SURFACE	POLY BINDER	SHOULDERS ≥ 2.25"	SHOULDERS < 2.25"	BASE CSE. FOR STAGE CONST.
AC/PG	SBS PG 76-22	SBS PG 76-22	PG 64-22	PG 64-22	PG 64-22
RAP % (MAX)	SEE SPEC.	SEE SPEC.	See Contract RAP Special Provision	See Contract RAP Special Provision	See Special Provision
DESIGN AIR VOIDS	4.0% @ Ndes=80	4.0% @ Ndes=90			4.0% @ Ndes=90
MIX COMPOSITION (GRADATION MIXTURE)	SEE SPEC.	IL 19.0	**2.0% @ Ndes=30	**2.0% @ Ndes=30	
FRICITION AGG	SMA	MIXTURE "B"	NMAS 3/4"	NMAS 1/2"	IL 19.0
					MIXTURE "B"

\*\* 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).

FILE NAME =	USER NAME = conoverpj	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>GENERAL NOTES, HIGHWAY STANDARDS</b>	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ai:\pw\work\...dot\conoverpj\d0128625\d0	76601-sht-plan.dgn	DRAWN -	REVISED -			55	60-3RS-1,60-(3HB,3HB-1)	MADISON	123	2
PLOT SCALE = 50.0000' / IN.		CHECKED -	REVISED -			CONTRACT NO. 76601				
PLOT DATE = 6/23/2010		DATE -	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				