

GENERAL NOTES

- ① 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.
- ② IT IS THE INTENT OF THIS CONTRACT THAT ALL MILLING AND RESURFACING SHALL STOP AT ALL BRIDGE APPROACHES OF EACH STRUCTURE ONLY WITH THE EXCEPTION TO THE IMPROVEMENT TO THE CANAL BRIDGES (EB/WB).
- ③ ILLINOIS STATE LAW REQUIRES A 48-HOUR NOTICE BE GIVEN TO 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 AS FOLLOWS:

•AMEREN CIPS	ELECTRIC
•AMERERN IP	GAS & ELECTRIC
•BUCKEYE PARTNERS L.P.	PIPELINE
•CENTER POINT ENERGY	PIPELINE
•CHARTER COMMUNICATIONS	CABLE TV
•CITY OF EDWARDSVILLE	WATER & SANITARY SEWER
•EXPLORER PIPELINE COMPANY	PIPELINE
•VILLAGE OF GLEN CARBON	SANITARY SEWER
•CITY OF GRANITE CITY	SANITARY SEWER
•ILLINOIS AMERICAN WATER COMPANY	WATER
•LACLEDE PIPELINE COMPANY	PIPELINE
•CITY OF MADISON	SANITARY SEWER
•VERIZON BUSINESS	COMMUNICATIONS
•MADISON COUNTY SPECIAL SERVICE AREA #1	SANITARY SEWER
•MITCHELL PUBLIC WATER DISTRICT	WATER
•360NETWORKS (USA) INC.	COMMUNICATIONS
•PONTON BEACH PUBLIC WATER DISTRICT	WATER
•AT&T ILLINOIS	COMMUNICATIONS
•SPRINT/NEXTEL	COMMUNICATIONS
•LEVEL 3 COMMUNICATIONS	COMMUNICATIONS

•MEMBERS OF JOINT UTILITY LOCATING INFORMATION FOR EXCAVATORS (J.U.L.I.E.) THE J.U.L.I.E. SYSTEM PHONE NUMBER IS 1-800-892-0123. NON-J.U.L.I.E. MEMBERS MUST BE NOTIFIED INDIVIDUALLY.

- ④ 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 ASSUMED TO BE APPROXIMATE.
- ⑤ 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.
- ⑥ SHORT-TERM PAVEMENT MARKING SHALL BE APPLIED TO THE FINAL HOT MIX ASPHALT SURFACE IF UNABLE TO PLACE PREFORMED PLASTIC TYPE B. A QUANTITY FOR TEMPORARY PAVEMENT MARKING EQUAL TO THE AMOUNT OF PERMANENT MARKING HAS BEEN ADDED TO THE PLANS. ONLY QUANTITY PLACED ON FINAL SURFACE WILL BE REMOVED AND PAID FOR AS "WORK ZONE PAVEMENT MARKING REMOVAL".
- ⑦ THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

MIXTURE USE	POLY SURFACE	BINDER / PATCHING	PARTIAL DEPTH PATCHING	SHOULDERS	TOP LIFT SHOULDERS
AC/PG	PG 76-22	PG 64-22	PG 64-22	PG 58-22	PG 58-22
RAP % (MAX)	0%	15%	10%	30%	30%
DESIGN AIR VOIDS	4.0% @ Ndes=80	4.0% @ Ndes=70	4.0% @ Ndes=70	2.0% @ Ndes=30	**2.0% @ Ndes=30
MIX COMPOSITION					
(GRADATION MIXTURE)					
FRICTION AGG	SMA	MIXTURE "B"	MIXTURE "C"	BAM	BAM

- ⑧ SIX (6) CHANGEABLE MESSAGE SIGNS SHALL BE PLACED FOR ADVANCED NOTICE OF RAMP CLOSURES. THE COST WILL BE INCLUDED IN THE TRAFFIC CONTROL AND PROTECTION SPECIAL.
- ⑨ A SUBMITTAL FOR ACCEPTABILITY OF THE LOAD IMPOSED BY THE PROPOSED MATERIAL TRANSFER DEVICE ON THE STRUCTURES WITHIN THE PROJECT LIMITS SHALL BE MADE TO: RALPH ANDERSON, BUREAU OF BRIDGES AND STRUCTURES, ATTN: RATING AND PERMIT UNIT. APPROVAL IS REQUIRED PRIOR TO USAGE.
- ⑩ ANY SURFACE IRREGULARITIES IDENTIFIED AFTER MILLING SHALL BE FILLED WITH SURFACE MIXTURE AND COMPACTED TO THE SATISFACTION OF THE ENGINEER AHEAD OF THE PAVING OPERATION. PAYMENT SHALL BE INCLUDED IN THE COST OF THE HOT MIX ASPHALT SURFACE COURSE.

- ⑫ SAW CUTTING ON ALL APPROACHING AND DEPARTING EDGES OF SURFACE AND SAWCUTTING FOR SHOULDER REMOVAL SHALL BE INCLUDED IN THE COST OF THE REMOVAL ITEM AS INDICATED AND IN ACCORDANCE WITH SECTION 440 OF THE STANDARD SPECIFICATIONS.
- ⑬ THE STANDARDS AND REVISION NUMBERS LISTED SHALL APPLY TO THIS PROJECT.
- ⑭ THE RECLAIMED ASPHALT PAVEMENT (R.A.P.) FROM THIS PROJECT WILL BECOME THE PROPERTY OF THE CONTRACTOR AND IS TO BE INCLUDED IN THE COST OF HOT-MIX ASPHALT REMOVAL 2 1/2". CONTRACTOR SHOULD BE AWARE THAT INTERMITTANT CONCRETE PATCHES EXIST ON BOTH ROADWAYS. AND NO COMPENSATION WILL BE MADE TO MILL THOSE PATCHES.
- ⑮ IF INLAID PAVEMENT MARKING TAPE CANNOT BE PLACED WITH PAVING TRAIN, IT MUST BE "GROOVED" IN. NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- ⑯ ALL TEMPORARY PAVEMENT MARKINGS WILL BE PLACED IN SUCH A MANNER SO AS NOT TO INTERFERE WITH THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS.
- ⑰ HIGH EARLY STRENGTH CONCRETE MIX SHALL BE USED FOR ALL PCC PAVEMENT PATCHING. ALL PATCHING ON THIS PROJECT SHALL BE COMPLETED PRIOR TO SURFACE REMOVAL.
- ⑱ THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
- ⑲ ANY AREAS DISTURBED DUE TO CONSTRUCTION ACTIVITIES SHALL BE SEEDED (TEMPORARY & PERMANENT) AT THE CONTRACTORS EXPENSE AND NO OTHER COMPENSATION SHALL BE ALLOWED.
- ⑳ THE PURPOSE OF PARTIAL DEPTH REMOVAL 2" IS TO ACHIEVE A UNIFORM SURFACE, IF REBAR IS EXPOSED THEN MILLING SHOULD BE STOPPED.
- ㉑ ALL MILLED AREAS SHALL BE RESURFACED AND STRIPED PRIOR TO OPENING UP TO TRAFFIC. IF LANES OR RAMPS ARE NOT OPENED BY THE TIME SHOWN ON THE WORK SCHEDULES THEN A TRAFFIC CONTROL PENALTY SHALL APPLY.
- ㉒ R.E. SHALL DOCUMENT LOCATIONS OF ALL EXISTING PAVEMENT MARKING IN ORDER TO REPLICATE WITH THE PROPOSED PAVEMENT MARKING. ALL PAVEMENT MARKING ON BITUMINOUS PAVEMENT SHALL BE PREFORMED PLASTIC PAVEMENT MARKINGS AND CONCRETE PAVEMENT SHALL BE POLYUREA PAVEMENT MARKING.
- ㉓ WHEN MILLING WITHIN 200 FT OF A BRIDGE ABUTMENT; THE AUTOMATIC ELECTRONIC GRADE/DEPTH CONTROL ON THE MILL MACHINE SHALL BE OPERATED FROM A PRESET GRADE CONTROL STRINGLINE.

㉔ "The overlay is dependent on an analysis; that will be completed by the department, of the truss. If the analysis determines the truss does not have enough capacity, the overlay will be omitted from the entire canal bridge."

TRAFFIC CONTROL NOTES

- ① ALL TRAFFIC CONTROL SIGNS SHALL BE SKID MOUNTED.
- ② "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 PLANS ITEMS. ALL CONSTRUCTION SIGNS SHALL BE FLUORESCENT ORANGE.
- ③ THE STAGING AND RAMP CLOSURES DETAILS IN THE PLANS IS SUGGESTED. THE CONTRACTOR MAY SUBMIT IN WRITING A PROPOSED STAGE/RAMP CLOSURE CONSTRUCTION TRAFFIC CONTROL SEQUENCE MEETING THE TRAFFIC CONTROL STANDARDS, PLAN NOTES AND SPECIAL PROVISIONS IN THIS CONTRACT FOR APPROVAL BY THE DEPARTMENT.
- ④ FLAGMEN SHALL BE PRESENT DURING ALL CLOSURE HOURS, INCLUDING LUNCH HOUR, AND NO ADDITIONAL COMPENSATION SHALL BE APPLIED.
- ⑤ THE CONTRACTOR SHALL, AT THE ENGINEER'S DISCRETION, RELOCATE THE CHANGEABLE MESSAGE SIGNS AT THE VARIOUS RAMPS AS NEEDED, AMONG THE LOCATIONS.
- ⑥ ADVANCED WARNING SIGNS SHALL BE PLACED ON ALL ROUTES WHERE RAMPS WILL BE CLOSED ACCORDING TO STANDARD 701400 AND AS DIRECTED BY THE RESIDENT ENGINEER TO NOTIFY MOTORISTS OF RAMP AND LANE CLOSURES ON THE VARIOUS RAMPS.
- ⑦ THE PORTABLE CHANGEABLE MESSAGE SIGNS SHALL BE PLACED AS DIRECTED BY THE ENGINEER. NO ADDITIONAL COMPENSATION SHALL BE ALLOWED FOR THE RELOCATION OF THESE SIGNS.
- ⑧ ANY TRAFFIC CONTROL PAY ITEM NOT USED SHALL BE DELETED FROM THE CONTRACT AND NO COMPENSATION ALLOWED. •NO ADDITIONAL COMPENSATION WILL BE MADE FOR TRAFFIC CONTROL LIGHTING (IN SPECIALS) ITEMS BUT SHALL BE CONSIDERED INCLUDED IN TRAFFIC CONTROL ITEMS.

Particular care shall be taken when operating heavy equipment and/or stockpiling material on a structure, especially significant amounts of material in concentrated locations on the structure. A structural evaluation prepared and sealed by an Illinois licensed Structural Engineer is required to verify that the structure can adequately support the proposed construction loads. The application of this requirement includes, but is not limited to, all paving equipment, materials, delivery equipment and trucks. Structure inspection reports are available from the Department upon request to the District 8 Regional Engineer.

COMMITMENTS

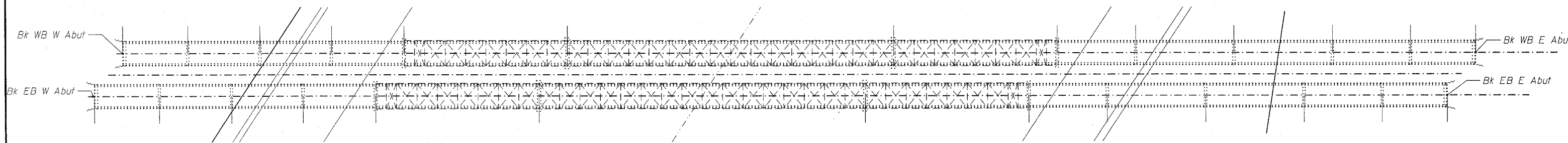
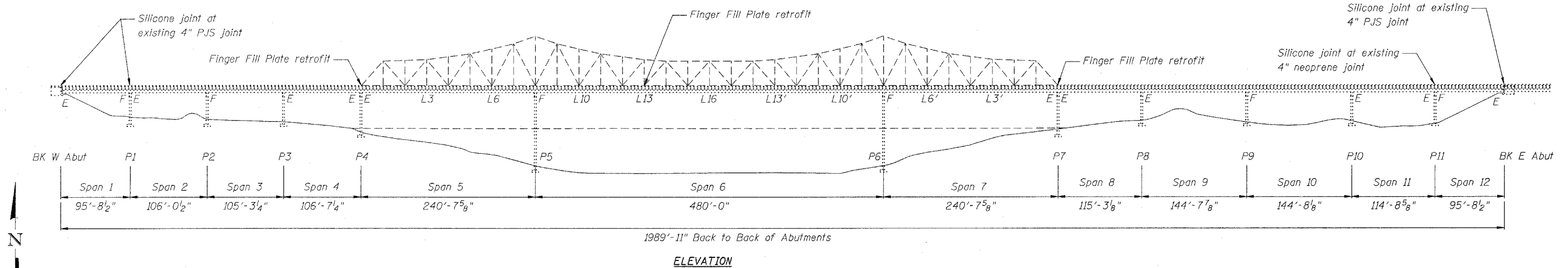
NONE

Rev. 5-27-08

FILE NAME =	USER NAME = alfordb	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STANDARDS, GENERAL NOTES, COMMITMENTS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ca:\projects\ed06207\plan\pln06207a.dgn		DRAWN -	REVISED -			270	60-11,2,3,4RS-2	MADISON	193	2	
	PLOT SCALE = 58.0000' / IN.	CHECKED -	REVISED -			CONTRACT NO. 76A90					
	PLOT DATE = 4/24/2008	DATE -	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAI 270	*	MADISON		193
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		
* 60-(1,2,3,4)RS-2 Contract # 76A90				



PLAN

GENERAL NOTES

Plan dimensions and details relative to existing plans are subject to routine variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in scope of the work, however, the Contractor will be paid for the quantity actually furnished based upon the unit price bid for the work.

This project shall utilize stage construction with a minimum lane width of 13' on the bridge deck. All lanes shall be kept open during peak hours. See special provisions.

The quantity for partial depth patching assumes 20 patches per lane. A deck survey was not performed.

The contractor shall remove all loose concrete along the curbs. The cost for this work shall be included with HMA SURFACE COURSE.

The cost of removing the existing neoprene blocks at pier 11 is included with the cost of POLYMER CONCRETE.

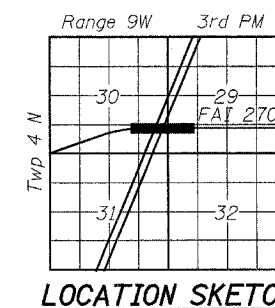
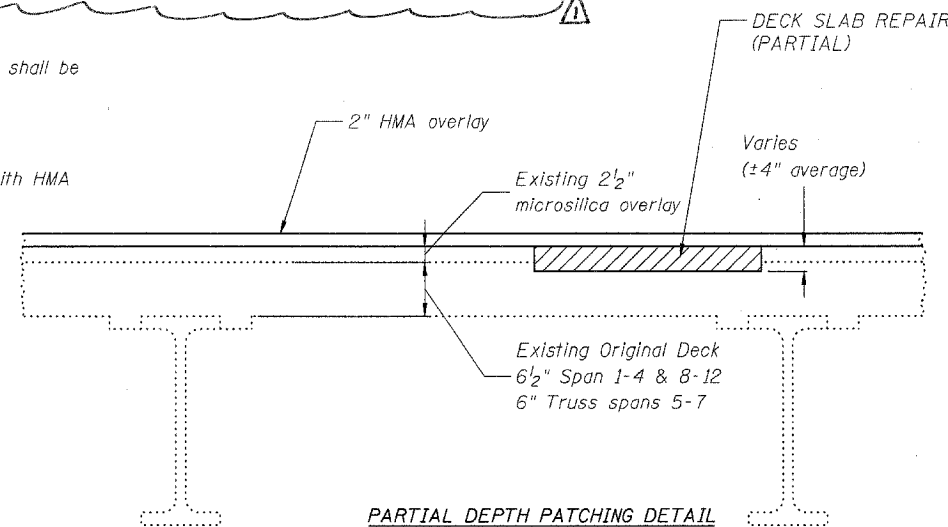
"The overlay is dependent on an analysis; that will be completed by the department, of the truss. If the analysis determines the truss does not have enough capacity, the overlay will be omitted from the entire canal bridge."

GENERAL NOTES (CON'T.)

Particular care shall be taken when operating heavy equipment and/or stockpiling material on a structure, especially significant amounts of material in concentrated locations on the structure. A structural evaluation prepared and sealed by an Illinois licensed Structural Engineer is required to verify that the structure can adequately support the proposed construction loads. The application of this requirement includes, but is not limited to, all paving equipment, materials, delivery equipment and trucks. Structure inspection reports are available from the Department upon request to the District 8 Regional Engineer.

TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
Polymer Concrete	Cu Ft	30.3
Silicone Joint Sealer, 3"	Foot	292.0
Deck Slab Repair (Partial)	Sq Yd	80.0
Furnishing and Erecting Structural Steel	pound	31798
HMA Surface Course, Mix "D", N90	Ton	1476



LOCATION SKETCH

GENERAL PLAN & ELEVATION
I-270 OVER CHAIN OF ROCKS CANAL
FAI 270 SEC 60-(1,2,3,4)RS-2
MADISON COUNTY
STRUCTURE NO. 060-0036 & 0037

DESIGNED JAU	200
CHECKED BJW	EXAMINED
DRAWN JAU	PASSED
CHECKED BJW	ENGINEER OF BRIDGES AND STRUCTURES

Rev. 5-27-08