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* 150A. - 150U. I-55/70 @ IL 59 GRADING PLANS

GENERAL NOTES

- THE STANDARDS AND REVISION NUMBERS LISTED SHALL APPLY TO THIS PROJECT.
- ILLINOIS STATE LAW REQUIRES A 48-HOUR NOTICE TO 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 ARE AS FOLLOWS:

UTILITY CO.	TYPE
•AMEREN IP	GAS & ELECTRIC
•AT&T CORPORATION	COMMUNICATIONS
•AT&T ILLINOIS	COMMUNICATIONS
•CENTERPOINT ENERGY	PIPELINE
•CHARTER COMMUNICATIONS	CABLE TV
•CITY OF COLLINSVILLE	WATER & SAN. SEW.
•CITY OF TROY	WATER & SAN. SEW.
•KINDER MORGAN	PIPELINE
•LEVEL 3 COMMUNICATIONS	COMMUNICATIONS
•SW ELECTRIC COOP., INC.	ELECTRIC
•VILLAGE OF CASEYVILLE	WATER & SAN. SEW
•VILLAGE OF MARYVILLE	WATER & SAN. SEW

MEMBERS OF J.U.L.I.E. (800)-892-0123 ARE INDICATED BY *. NON J.U.L.I.E. MEMBERS MUST BE NOTIFIED INDIVIDUALLY.

- 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.

- "ROAD CONSTRUCTION AHEAD" SIGNS SHALL BE PLACED AT RAMPS, ENTRANCES AND SIDE STREETS WHERE WORK IS BEING CONDUCTED AS DIRECTED BY THE RESIDENT ENGINEER. ALL CONSTRUCTION SIGNS SHALL BE FLUORESCENT ORANGE 48". THIS SHALL BE INCLUDED IN THE COST OF THE TRAFFIC CONTROL AND PROTECTION.

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

MIXTURE USE	POLY SURFACE	LEVEL BINDER	POLY BINDER	SHOULDERS <2.25"
AC/PG	SBS PG 76-22	PG 64-22	SBS PG 76-22	PG 64-22
RAP % (MAX)	0%	10%	10%	30%
DESIGN AIR VOIDS	4.0% @ Ndes=80	4.0% @ Ndes=90	4.0% @ Ndes=90	2.0% @ Ndes=30
MIX COMPOSITION				Min Lift = 1.5"
(GRADATION MIXTURE)		IL 9.5	IL 19.0	NMAS=12.5mm
FRICITION AGGREGATE	SMA	MIXTURE "C"	MIXTURE "B"	BAM

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).

- ALL AREAS DISTURBED FOR ANY REASON SHALL BE PERMANENTLY SEEDDED AS DIRECTED BY THE ENGINEER. ALL AREAS DISTURBED BY THE CONTRACTOR OUTSIDE THE PROPOSED CONSTRUCTION LIMITS SHALL BE SEEDDED AT THE CONTRACTOR'S EXPENSE. NUTRIENTS SHALL CONFORM TO ARTICLE 250.4, EXCEPT FERTILIZER NUTRIENTS WILL NOT BE PAID FOR SEPARATELY BUT CONSIDERED AS INCLUDED IN THE COST OF THE CLASS 2 SEEDING.

- QUANTITY FOR THE PIPE UNDERDRAIN 4" IS BASED ON THE TOTAL LENGTH OF THE PROJECT MULTIPLIED BY A FACTOR OF FOUR. PIPE UNDERDRAIN 4" SPECIAL QUANTITY IS BASED PER ARTICLE 601.04 OF THE STANDARD SPECIFICATIONS. OUTLETTED AT 500' SPACING AND A LENGTH OF 20' PER OUTLET. RAMP QUANTITIES ARE MULTIPLIED BY A FACTOR OF TWO.

- THIS SECTION CONTAINS TWO STATION EQUATIONS: PT STA. 690+77.40 BK= STA. 696+68.33 AH STA. 856+00.00 BK= STA. 1382+94.00 AH

- THE WEIGH STATION WITHIN THE LIMITS OF THIS PROJECT SHALL REMAIN OPEN DURING THE DURATION OF THIS CONTRACT. USE TRAFFIC CONTROL AND PROTECTION STANDARD 701411.

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

- ALL TEMPORARY PAVEMENT MARKING WILL BE PLACED IN SUCH A MANNER SO AS NOT TO INTERFERE WITH THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS.

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

- MULCH, UNLESS OTHERWISE PERMITTED BY THE ENGINEER, SHALL CONFORM TO METHOD 2, PROCEDURE 2 AS SPECIFIED IN ARTICLE 251.03.

- THE WEIGH IN MOTION SLAB SHALL NOT BE RESURFACED, NOR DISTURBED IN ANYWAY. SEE PLAN SHEET FOR ADDITIONAL DETAILS.

- CHANGEABLE MESSAGE SIGNS TO BE INSTALLED (2 WEEKS) PRIOR TO CONSTRUCTION.

- TWO WEEKS PRIOR TO PROJECT START-UP CHANGEABLE MESSAGE SIGNS SHALL BE PLACED AT THE FOLLOWING LOCATIONS AS DIRECTED BY THE ENGINEER:

I-55/70 EB WEST OF I-255
 I-55 SB NORTH OF 3-I
 I-70 WB EAST OF 3-I
 I-270 EB WEST OF 3-I
 I-255 NB SOUTH OF I-55/70
 I-255 SB NORTH OF I-55/70
 IL 157 NB SOUTH OF I-55/70
 IL 157 SB NORTH OF I-55/70
 IL 159 NB SOUTH OF I-55/70
 IL 159 SB NORTH OF I-55/70
 IL 162 EB WEST OF I-55/70
 IL 162 WB EAST OF I-55/70
 US 40 WB EAST OF I-55/70

THE CONTRACTOR SHALL MODIFY THE MESSAGE ON EACH SIGN AS DIRECTED BY THE ENGINEER, AS NEEDED.

THE CONTRACTOR SHALL BE AWARE THAT THE MESSAGE BOARDS MAY REQUIRE RELOCATION THROUGHOUT THE DURATION OF PROJECT WITH NO ADDITIONAL COMPENSATION BEING ALLOWED FOR THE RELOCATION.

- THE CONTRACTOR SHALL BE AWARE THAT THE EXISTING CONCRETE PATCHES SHALL BE MILLED AS PART OF THE PROPOSED HMA SURFACE REMOVAL AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR THE MILLING OF THE CONCRETE.

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

- THE CONTRACTOR SHALL BE REQUIRED TO COMPLY WITH THE PROVISIONS OF THE NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM (NPDES) STORM WATER PERMIT AND IMPLEMENT THE EROSION CONTROL PLAN INCLUDED IN THESE PLANS AND SPECIFIED HEREIN. AS SPECIFIED IN ARTICLE 107.23, THE ENGINEER MUST GIVE PRIOR APPROVAL BEFORE DISTURBANCE OF ANY AREA CAN BEGIN.

- THE DISTRICT EIGHT BUREAU OF OPERATIONS SHALL BE NOTIFIED AT LEAST 10 CALENDAR DAYS PRIOR TO PLACEMENT OF THE FINAL PAVEMENT MARKINGS.

- THE CONTRACTOR SHALL PROVIDE LABOR AND MATERIALS REQUIRED TO IMPRINT PAVEMENT STATION NUMBERS IN THE FINISHED SURFACE OF THE PAVEMENT AND/OR OVERLAY. THE NUMBERS SHALL BE APPROXIMATELY 3/4 INCHES WIDE, 5 INCHES HIGH AND 5/8 INCHES DEEP.

- 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.

- 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.

- THE LENGTHS OF GUARDRAIL REMOVAL SPECIFIED INCLUDES THE ENTIRE RUN OF GUARDRAIL INCLUDING TRAFFIC BARRIER TERMINALS, ETC.

- 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.

- ALL MILLED AREAS SHALL BE RESURFACED WITH THE APPROPRIATE LEVEL BINDER OR BINDER COURSE PRIOR TO OPENING LANES TO TRAFFIC.

COMMITMENTS

NONE

PERTINENT INFORMATION

FAI 70
 SECTION 60-9-I
 MADISON COUNTY
 CONTRACT NO. 76D07
 REPLACES A PORTION OF FAI 70 (EB & WB LANES) UNDER IL 159
 WITH CLASS A PATCH, TYPE IV, 14 INCH
 ALL WORK TO BE COMPLETED BY 11/16/09

Rev. 9-8-09
 Rev. 8-31-09

• 60-(7,8,9,10)RS, 60-(8,9,10)BR

FILE NAME =	USER NAME = tebbemg	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS, HIGHWAY STANDARDS, GENERAL NOTES AND COMMITMENTS			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLLOT SCALE = 50.0000' / IN.	CHECKED -	REVISIONS	REVISIONS		CONTRACT NO. 76A73							
PLLOT DATE = 6/25/2009	DATE -	REVISIONS	REVISIONS		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							