

GENERAL NOTES

F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(X1-6-2)HBK	WILLIAMSON	272	2
STA. N/A		TO STA. N/A		
FED. ROAD DIST. NO. 9 ILLINOIS FED. AID PROJECT				

**DRAINAGE DURING STAGE CONSTRUCTION**

IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO MAINTAIN POSITIVE DRAINAGE DURING THE VARIOUS STAGES OF CONSTRUCTION. THIS INCLUDES ALL LABOR AND MATERIALS USED BEYOND WHAT IS SPECIFIED IN THE PLANS. ITEMS SUCH AS TEMPORARY DITCHES AND PIPES DEEMED NECESSARY FOR MAINTAINING DRAINAGE ARE CONSIDERED TO BE THE RESPONSIBILITY OF THE CONTRACTOR AND WILL NOT BE PAID FOR SEPARATELY.

**UTILITIES - LOCATIONS/INFORMATION ON PLANS**

UNLESS NOTED OTHERWISE, THE LOCATIONS OF EXISTING WATER MAINS, GAS MAINS, SEWERS, ELECTRIC POWER LINES, TELEPHONE LINES AND OTHER UTILITIES AS SHOWN ON THE PLANS ARE BASED ON CAREFUL FIELD INVESTIGATION AND THE BEST INFORMATION AVAILABLE, BUT THEY ARE NOT GUARANTEED. UNLESS ELEVATIONS ARE SHOWN - ALL UTILITY LOCATIONS SHOWN ON THE CROSS SECTIONS ARE BASED ON APPROXIMATE DEPTH SUPPLIED BY THE UTILITY COMPANY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN THEIR EXACT LOCATION FROM THE UTILITY COMPANIES AND BY FIELD INSPECTION.

**PLAN ELEVATIONS - U.S.G.S. MEAN SEA LEVEL DATUM**

USE ONE OF THE FOLLOWING TWO OPTIONS.

1. ALL ELEVATIONS SHOWN ON THE PLANS ARE ESTABLISHED FROM U.S.G.S. MEAN SEA LEVEL DATUM.
2. ALL ELEVATIONS SHOWN REFER TO U.S.G.S. DATUM AT MEAN SEA LEVEL UNLESS OTHERWISE NOTED.

**PROPERTY OWNER ACCESS REQUIREMENT**

ACCESS MUST BE MAINTAINED TO ALL EXISTING PROPERTIES DURING CONSTRUCTION PER ARTICLE 107.09 UNLESS ARRANGEMENTS ARE MADE IN WRITING BY THE CONTRACTOR WITH THE PROPERTY OWNERS WITH A COPY TO THE ENGINEER FOR SHORT-TERM CLOSURE.

**TEMPORARY MATERIAL REQUIREMENTS - UTILITY AND DRIVEWAY CROSSING**

INCIDENTAL BITUMINOUS SURFACE SHALL BE USED FOR ALL TEMPORARY SIDE ROAD CROSSINGS. AGGREGATE SURFACE COURSE MAY BE USED FOR ALL DRIVEWAY CROSSINGS EXCEPT DURING WINTER SHUTDOWN IN ACCORDANCE WITH ARTICLE 107.09.

**CLEARING**

AT LOCATIONS WHERE CLEARING IS INDICATED ON THE PLANS BEYOND THE LIMITS OF THE PROPOSED EXCAVATION OR EMBANKMENT, THE CONTRACTOR SHALL RESTORE THE DISTURBED EARTH BY BLADING AND SHAPING TO BLEND WITH THE ADJACENT GROUND. THE CLEARING WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION, RESEEDING OR RESEEDING WILL BE AS PROVIDED IN THE PLANS.

**TREE REMOVAL**

THE DISTRICT SHOULD BE CONTACTED AND PRIOR APPROVAL OBTAINED FOR ANY TREE REMOVAL BEYOND THE LIMITS/LOCATIONS INCLUDED IN THE PLANS. THE ENGINEER IN THE FIELD WILL VERIFY AND MARK ALL TREES REQUIRED TO BE REMOVED. SHOULD THE ENGINEER'S DECISION INCREASE OR DECREASE THE QUANTITIES OF WORK TO BE PERFORMED FROM THE PLANS, THE CONTRACTOR SHALL ACCEPT PAYMENT AS STATED IN ARTICLE 104.03 OF THE STANDARD SPECIFICATIONS. ALL CLEARING OF LOGS, SHRUBS, BUSHES, SAPLINGS, GRASS, WEEDS, OTHER VEGETATION, AND STUMPS OF LESS THAN 6" INCHES IN DIAMETER WILL NOT BE MEASURED FOR PAYMENT.

**ENVIRONMENTAL REVIEWS**

PRIOR TO THE USE OF ANY PROPOSED BORROW AREAS, USE AREAS (TEMPORARY ACCESS ROADS, DETOURS, RUN-AROUNDS, ETC.) AND/OR WASTE AREAS, THE CONTRACTOR SHALL FILE THE REQUIRED ENVIRONMENTAL RESOURCE REQUEST SURVEYS ACCORDING TO SECTION 107.22 OF THE STANDARD SPECIFICATIONS. THESE SURVEYS ARE REQUIRED IN ORDER FOR THE DEPARTMENT TO CONDUCT CULTURAL AND BIOLOGICAL RESOURCE SURVEYS FOR THE PROPOSED SITE.

PRIOR TO ANY WASTE MATERIALS BEING REMOVED FROM THE CONSTRUCTION SITE THE REQUIRED ENVIRONMENTAL RESOURCE SURVEYS WILL NEED TO BE OBTAINED AND FILED BY THE CONTRACTOR. EXCESS WASTE PRODUCTS REMOVED FROM THE CONSTRUCTION SITE SHALL BE DISPOSED OF AS REQUIRED IN SECTION 202.03 OF THE STANDARD SPECIFICATIONS.

ANY PROTRUDING METAL BARS SHALL BE REMOVED PRIOR TO THE DISPOSAL OF BROKEN CONCRETE AT APPROVED DISPOSAL SITES.

**PAVING SURFACE COURSE, CONTINUOUS**

CONTINUOUS PAVING OPERATIONS ON THE MAIN ROADWAY SHALL BE MAINTAINED AT ALL TIMES DURING THE CONSTRUCTION OF THE HOT MIX ASPHALT SURFACE. NO INTERRUPTIONS FOR SIDE ROADS, ENTRANCES, TURN LANES, ETC. WILL BE ALLOWED.

**EXISTING DRAINAGE PIPES CONNECTED TO NEW STRUCTURES**

IN ACCORDANCE WITH SECTION 602 OF THE STANDARD SPECIFICATIONS, THE CONNECTING OF EXISTING DRAIN TILES, PIPE CULVERTS, OR STORM SEWERS TO THE PROPOSED DRAINAGE SYSTEM STRUCTURES WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED AS INCLUDED IN THE PAY ITEMS PROVIDED.

**PAVEMENT STATION & PLACEMENT**

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 INCH WIDE, 5 INCHES HIGH AND 5/8 INCH DEEP.

THE PAVEMENT NUMBER SHALL BE INSTALLED AS SPECIFIED HEREIN:

INTERVAL 200 FEET  
BOTTOM OF NUMBERS - 6 INCHES FROM THE INSIDE EDGE OF THE PAVEMENT MARKING.

**LOCATION:**

- 2, 3 & 5 LANE PAVEMENTS - RIGHT EDGE OF PAVEMENT IN DIRECTION OF INCREASING STATIONS
- MULTI - LANE DIVIDED ROADWAYS - OUTSIDE EDGE OF PAVEMENT IN BOTH DIRECTIONS
- RAMPS - ALONG BASELINE EDGE OF PAVEMENT
- POSITION - STATIONS SHALL BE PLACED SO THEY CAN BE READ FROM THE ADJACENT SHOULDER
- FORMAT - XX+XX WHERE X REPRESENTS THE PAVEMENT STATION

THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT WILL BE CONSIDERED INCLUDED IN THE COST OF THE ASSOCIATED PAVEMENT AND/OR OVERLAY PAY ITEMS

**BUTT JOINT CUTTING TIME RESTRICTION**

BUTT JOINTS SHALL NOT BE MILLED MORE THAN THREE (3) DAYS PRIOR TO PLACEMENT OF THE BITUMINOUS SURFACE COURSE.

**ORDERING LENGTH CONFIRMATION - DRAINAGE ITEMS**

THE CONTRACTOR SHALL CONSULT WITH THE ENGINEER IN REGARD TO THE EXACT LENGTH OF THE BOX/PIPE CULVERTS, STORM SEWERS, AND/OR PIPE DRAINS REQUIRED PRIOR TO ORDERING THESE ITEMS.

**COMMITMENTS**

THE FOLLOWING COMPANIES HAVE UTILITY FACILITIES WITHIN THE LIMITS OF THIS PROJECT:

- CITY OF MARION
- AMEREN
- VERIZON
- MEDIACOM

IN ADDITION TO THE REQUIREMENTS OF ARTICLE 105.07 OF THE STANDARD SPECIFICATIONS, THE CONTRACTOR SHALL COORDINATE HIS OPERATIONS WITH THE PROPOSED UTILITY ADJUSTMENTS TO MINIMIZE DELAYS IN CONSTRUCTION OF THE PROJECT.

THE CONTRACTOR'S ATTENTION IS DIRECTED TO THE STATUS OF UTILITIES CONTAINED ELSEWHERE HEREIN AND THE ESTIMATED COMPLETION DATES FOR THE VARIOUS RELOCATIONS AND ADJUSTMENTS. SEE SPECIAL PROVISIONS.

**COORDINATION WITH ADJACENT PROJECTS**

THE CONTRACTOR IS TO BE AWARE THAT ADDITIONAL PROJECTS MAY BE UNDER CONSTRUCTION ON ADJACENT SECTIONS OF FAI 57. CONTRACT 98948 (I-57 RUBBLIZATION OF THE NORTHBOUND LANES FROM 0.2 MILES NORTH OF THE MARION ILL. 13 INTERCHANGE TO A POINT 7.99 MILES NORTH), WITH A LETTING DATE OF SEPTEMBER 22, 2006. CONTRACT 98950 (RECONSTRUCTION OF THE I-57/FAU 9629 INTERCHANGE), WITH A LETTING DATE OF MARCH 9, 2007 IS LOCATED SOUTH OF THE LIMITS OF THIS CONTRACT.

THE CONTRACTOR SHALL COORDINATE HIS/HER WORK WITH THE CONTRACTORS OF CONTRACTS 98948, AND 98950 TO MINIMIZE ANY POSSIBLE CONFLICTS. THE CONTRACTOR SHALL ALSO NOTIFY THE ENGINEER 5 WORKING DAYS IN ADVANCE OF ANY WORK THAT MAY AFFECT CONTRACTS 98948 AND 98950.

INDEX OF SHEETS

1	COVER SHEET
2	INDEX OF SHEETS AND GENERAL NOTES
3-7	SUMMARY OF QUANTITIES
8-16	SCHEDULE OF QUANTITIES
8A-10A	SCHEDULE OF QUANTITIES (OPTION 2 - CONCRETE)
17	TYPICAL SECTIONS - RAMP 'H'
17A	TYPICAL SECTIONS - RAMP 'H' (OPTION 2 - CONCRETE)
18	TYPICAL SECTIONS - RAMP 'D'
18A	TYPICAL SECTIONS - RAMP 'D' (OPTION 2 - CONCRETE)
19-20	TYPICAL SECTIONS - MORGAN AVENUE
21	ALIGNMENT PLAN
22	CONTROL TIES AND BENCHMARKS
23	STAGE CONSTRUCTION TYPICAL SECTIONS AND SEQUENCE OF CONSTRUCTION
23A	STAGE CONSTRUCTION TYPICAL SECTIONS AND SEQUENCE OF CONSTRUCTION (OPTION 2 - CONCRETE)
24-31	STAGE CONSTRUCTION AND TRAFFIC CONTROL PLANS
32-34	ROADWAY PLAN AND PROFILE SHEETS - RAMP 'H'
35-37	ROADWAY PLAN AND PROFILE SHEETS - RAMP 'D'
38	ROADWAY PLAN AND PROFILE SHEET - TEMPORARY RAMP 'D'
38A	ROADWAY PLAN AND PROFILE SHEET - TEMPORARY RAMP 'D' (OPTION 2 - CONCRETE)
39-42	ROADWAY PLAN AND PROFILE SHEETS - MORGAN AVENUE
43-47	REMOVAL PLAN
48-54	RIGHT OF WAY PLANS
55-57	DRAINAGE PLAN AND PROFILE SHEETS - RAMP 'H'
58-60	DRAINAGE PLAN AND PROFILE SHEETS - RAMP 'D'
61-64	DRAINAGE PLAN AND PROFILE SHEETS - MORGAN AVENUE
65-69	EROSION AND SEDIMENT CONTROL PLANS
70	STORMWATER POLLUTION PREVENTION PLAN
71	INTERSECTION WARPING PLAN - RAMP 'H' AND MORGAN AVENUE
72-74	INTERCHANGE GRADING PLAN - RAMP 'H' AND RAMP 'D' INFIELD
75	TEMPORARY TRAFFIC SIGNAL PLANS - TEMPORARY RAMP 'D' AND IL 13
76-84	LIGHTING PLAN - RAMP 'H' AND RAMP 'D'
85-103	PAVEMENT MARKING AND SIGNAGE PLANS
104-106	ROADWAY SIGN PANELS
107-132	ROADWAY SIGNAGE STRUCTURAL DETAILS
133-134	SEGMENTAL BLOCK WALL PLAN, DETAILS, SECTIONS, AND NOTES
135	BRIDGE APPROACH PAVEMENT (SPECIAL) DETAILS
136-168A	MORGAN AVENUE BRIDGE PLANS AND DETAILS
169	IMPACT ATTENUATOR DETAIL SHEET
170	CROSS SECTION - I-57 AND RAMP 'D' 8" GAS MAIN CROSSING
171-200	CROSS SECTIONS - RAMP 'H'
201-227	CROSS SECTIONS - RAMP 'D'
228-239	CROSS SECTIONS - TEMPORARY RAMP 'D'
240-272	CROSS SECTIONS - MORGAN AVENUE
272A	HIGHWAY STANDARDS

PREPARED BY:	<i>Joe Zdanewicz</i>
EXAMINED BY:	DISTRICT STUDIES & PLANS ENGINEER
EXAMINED BY:	DISTRICT LAND ACQUISITION ENGINEER
EXAMINED BY:	<i>Carrie Nelson</i> DISTRICT PROGRAM DEVELOPMENT ENGINEER
EXAMINED BY:	<i>Marvin Grammes</i> DISTRICT OPERATIONS ENGINEER
EXAMINED BY:	<i>Joseph Lopez</i> DISTRICT CONSTRUCTION ENGINEER
EXAMINED BY:	<i>Bruce White</i> DISTRICT MATERIALS ENGINEER
EXAMINED BY:	<i>James J. Smith</i> DISTRICT PROJECT IMPLEMENTATION ENGINEER
EXAMINED BY:	<i>Danna O'Leary</i> ASSISTANT REGIONAL ENGINEER
APPROVED BY:	<i>Mary C. Kemi</i> DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER
DATE	3-23-07

**ALTERNATE BID**

THE PLANS CONTAIN PROVISIONS FOR A BASE BID OF HOT-MIX ASPHALT, OPTION - 1, AND AN ALTERNATE BID OF CONCRETE, OPTION - 2, FOR RAMP H, RAMP D, SHOULDERS, AND TEMPORARY PAVEMENTS. THE CONTRACTOR SHALL INCLUDE IN THE VARIOUS UNIT PRICES ALL ADDITIONAL COSTS ASSOCIATED WITH THE COST OF THE CONCRETE ALTERNATE. NO ADDITIONAL COMPENSATION WILL BE ALLOWED. SEE NOTES ON THIS SHEET.

ILLINOIS DEPARTMENT OF TRANSPORTATION	
<b>INDEX OF SHEETS AND GENERAL NOTES</b>	
MORGAN AVENUE INTERCHANGE FAI ROUTE 57 WITH FAU ROUTE 9718 WILLIAMSON COUNTY	
SCALE: N/A	DRAWN BY: DH
DATE: 3-19-2007	CHECKED BY: RD

REVISIONS	
NAME	DATE

LOCATION(S):	PERMANENT PAVEMENT		BITUMINOUS SHOULDERS		TEMPORARY PAVEMENT	
	RAMP H (STA 0+00 TO 34+85.64)	RAMP D (STA 100+00 TO 132+65.44)	RAMP D, RAMP H, TEMPORARY RAMP D	RAMP D, RAMP H, TEMPORARY RAMP D	TEMP. RAMP D STA 9+00 TO STA 102+02.61 TEMP. I-57 WIDENING	TEMP. RAMP D STA 9+00 TO STA 102+02.61 TEMP. I-57 WIDENING
MIXTURE USE(S):	FULL DEPTH-BINDER	FULL DEPTH-SURFACE	BOTTOM LIFT	TOP LIFT	FULL DEPTH-SURFACE	FULL DEPTH-BINDER
PG:	SBS-PG76-22	SBS-PG76-22	SBS-P76-22	SBS-P76-22	SBS-PG76-22	SBS-PG76-22
RAP %:	0%	0%	0%	0%	0%	0%
DESIGN AIR VOIDS:	4% eNdes=105	4% eNdes=105	4% eNdes=90	4% eNdes=90	4% eNdes=105	4% eNdes=105
MIXTURE COMPOSITION: (GRADATION MIXTURE):	IL 25.0	IL 12.5	IL 25.0	IL 12.5	IL 12.5	IL 25.0
FRICTION AGGREGATE:	N/A	IL 9.5	N/A	IL 9.5	IL 9.5	N/A
MIXTURE WEIGHT:	112 lb/sy/ln	MIX D	112 lb/sy/ln	MIX D	MIX D	112 lb/sy/ln

**ALTERNATE BID - THE CONTRACTOR SHALL NOTE THE FOLLOWING:**

1. IF THE BASE BID IS AWARDED (OPTION 1 - BITUMINOUS), THE FOLLOWING SHEETS WILL BE DELETED FROM THE PLAN SET: 8A-10A, 17A-18A, 23A, 38A.
2. IF THE ALTERNATE BID IS AWARDED (OPTION 2 - CONCRETE), THE FOLLOWING SHEETS WILL BE DELETED FROM THE PLAN SET: 8-10, 17-18, 23, 38.
3. IF THE BASE BID IS AWARDED (OPTION 1 - BITUMINOUS), REFER TO THE COVER SHEET FOR HIGHWAY STANDARDS TO BE DELETED. SHOULD THE ALTERNATE BID BE AWARDED, (OPTION 2 - CONCRETE), ALL STANDARDS INCLUDED REFERRING TO BITUMINOUS SHALL BE DISREGARDED WITH THE EXCEPTION OF THE NECESSARY STANDARDS FOR SHEET 38A.
4. THE PLAN & PROFILE SHEETS FOR RAMP 'H' AND RAMP 'D' WERE PREPARED DEPICTING THE BASE BID (OPTION 1 - BITUMINOUS). IF THE ALTERNATE BID (OPTION 2 - CONCRETE) IS AWARDED, THE CONTRACTOR SHALL DISREGARD ANY REFERENCE IN THESE SHEETS, WITH THE EXCEPTION OF SHEET 38A, WHICH INDICATE BITUMINOUS PAVING MATERIALS AND INSTEAD APPLY THE APPROPRIATE CONCRETE PAY ITEMS.
5. THE STAGE CONSTRUCTION SHEETS WERE PREPARED DEPICTING THE BASE BID, (OPTION 1 - BITUMINOUS). IF THE ALTERNATE BID (OPTION 2 - CONCRETE) IS AWARDED, THE CONTRACTOR SHALL DISREGARD ANY REFERENCE IN THESE SHEETS WHICH INDICATE BITUMINOUS PAVING MATERIALS AND INSTEAD APPLY THE APPROPRIATE CONCRETE PAY ITEMS.
6. THE PAVEMENT MARKING SHEETS WERE PREPARED DEPICTING THE BASE BID (OPTION 1 - BITUMINOUS). IF THE ALTERNATE BID (OPTION 2 - CONCRETE) IS AWARDED, THE CONTRACTOR SHALL DISREGARD ANY REFERENCE IN THESE SHEETS WHICH INDICATE PAVEMENT MARKING FOR BITUMINOUS SURFACES AND INSTEAD APPLY THE APPROPRIATE PAY ITEMS FOR PAVEMENT MARKING ON CONCRETE.
7. THE EARTHWORK QUANTITIES FOR THE ALTERNATE BID (OPTION 2 - CONCRETE) HAVE BEEN ADJUSTED AND ARE PROVIDED ON SHEET 8A. HOWEVER, THE CROSS SECTIONS DEPICT THE BASE BID (OPTION 1 - BITUMINOUS).
8. THE CONTRACTOR SHALL LAY OUT THE CONCRETE PAVEMENT JOINTS AT THE INTERSECTION OF RAMP "H" AND MORGAN AVENUE AND SUBMIT THE LAYOUT TO THE ENGINEER FOR APPROVAL PRIOR TO CONSTRUCTION. THE REMAINDER OF THE JOINTS SHALL BE IN ACCORDANCE WITH THE APPROPRIATE HIGHWAY STANDARDS.

PLOT DATE = 3/23/07  
 FILE NAME = C:\Users\jordan\Documents and Settings\jordan\Local Settings\Temporary Internet Files\Content.IE5\6258g8ll\fig  
 PLOT SCALE = 50.000000 / IN.  
 USER NAME = jordan