

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILLIAMSON	55	3
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

\* [X1-(4,4-1,5,6,6-2)] R-1

GENERAL NOTES

FACTORS USED FOR ESTIMATING PLAN QUANTITIES ARE AS FOLLOWS AND SHALL NOT BE USED FOR THE BASIS OF FINAL QUANTITIES:

ALL BITUMINOUS CONCRETE 2.016 TONS/CU. YD.	BITUMINOUS MATERIALS: ON PAVEMENT 0.09 GAL./SQ. YD.
ALL AGGREGATE 2.05 TONS/CU. YD.	INTERMEDIATE LIFTS (FOG COAT) 0.04 GAL./SQ. YD.
RIPRAP 1.50 TONS/CU. YD.	ON AGGREGATE SURFACE 0.32 GAL./SQ. YD.
AGGREGATE (PRIME COAT) 0.0015 TONS/SQ. YD.	

THE RUBBLIZED CONCRETE SHALL BE PRIMED AT AGGREGATE SURFACE RATE WITH NON-POLYMERIZED PRIME COAT. POLYMERIZED PRIME COAT SHALL BE USED FOR ALL OTHER SURFACES.

THE CONTRACTOR SHALL STAMP STATIONING IN THE BITUMINOUS SURFACE AT 300 FT. INTERVALS ON THE OUTSIDE EDGE OF PAVEMENT AND AS DIRECTED BY THE ENGINEER. THE STATION SYMBOL STAMPS USED SHALL BE FURNISHED BY THE CONTRACTOR. THEY SHALL BE 5 1/2 IN. TALL OF A DESIGN APPROVED BY THE ENGINEER, AND SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.

EXISTING CONCRETE PATCHES ENCOUNTERED DURING MILLING OPERATIONS SHALL BE MILLED WITH THE SURROUNDING BITUMINOUS SURFACE REMOVAL. NO ADDITIONAL COMPENSATION WILL BE PROVIDED.

SAW CUTS REQUIRED FOR BUTT JOINTS SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE BUTT JOINT.

EXISTING PIPE UNDERDRAIN OUTLETS IN THE FORESLOPES OR MEDIAN SLOPES SHALL BE PRESERVED AND PROTECTED DURING CONSTRUCTION. ANY DAMAGE TO AN UNDERDRAIN OUTLET RESULTING FROM CONSTRUCTION ACTIVITY SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.

IN ADDITION TO THE REQUIREMENTS OF ARTICLE 107.16, THE CONTRACTOR SHALL PROTECT THE SURFACE OF ALL BRIDGE DECKS AND BRIDGE APPROACH PAVEMENTS IN A MANNER SATISFACTORY TO THE ENGINEER BEFORE ANY EQUIPMENT IS ALLOWED TO CROSS THE STRUCTURE. PROTECTION SHALL BE PROVIDED FOR ALL EQUIPMENT AS DEFINED IN ARTICLE 107.16 REGARDLESS IF TRACK MOUNTED OR WHEELED.

PRIOR TO PLACEMENT OF THE FINAL PAVEMENT MARKINGS THE RESIDENT ENGINEER SHOULD CONTACT THE BUREAU OF OPERATIONS AND ARRANGE FOR INSPECTION AND APPROVAL OF THE PAVEMENT MARKING LAYOUT.

TWO APPLICATIONS OF TEMPORARY EROSION CONTROL SEEDING HAVE BEEN INCLUDED. THE ACTUAL QUANTITY, LOCATIONS, AND APPLICATIONS SHALL BE AS DIRECTED BY THE ENGINEER. THE APPLICATION RATE SHALL BE AS PER ARTICLE 280.04(f).

ALL VERTICAL SURVEY DATA IN THE PLANS REFERENCES THE 1929 NORTH AMERICAN VERTICAL DATUM. IF ADDITIONAL SURVEY INFORMATION IS NEEDED, CONTACT THE DISTRICT NINE CHIEF OF SURVEYS.

THE QUANTITY OF DELINEATORS AND DELINEATOR REMOVAL HAS BEEN ESTIMATED TO REFLECT ADDITIONAL DAMAGE IN THE TIME BETWEEN DESIGN AND LETTING. THE ACTUAL QUANTITY SHALL BE DETERMINED BY THE ENGINEER. ALL DELINEATORS DAMAGED BY THE CONSTRUCTION OF THIS PROJECT SHALL BE REPLACED IN KIND AT THE EXPENSE OF THE CONTRACTOR.

A QUANTITY OF LOCATING UNDERGROUND CABLE HAS BEEN INCLUDED IN THE PLANS. THIS SHALL BE USED TO LOCATE THE HIGHWAY LIGHTING CABLES PRIOR TO THE INSTALLATION OF GUARDRAIL POSTS AND OTHER ITEMS IN THE JOHNSTON CITY INTERCHANGE AREA, OR AS DIRECTED BY THE ENGINEER.

ALL EQUIPMENT USED FOR THE PLACEMENT OF THE INCIDENTAL BITUMINOUS SURFACING SHALL BE APPROVED BY THE ENGINEER PRIOR TO ITS USE.

IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE AND PROTECT ALL DRAINAGE STRUCTURES PRIOR TO AND DURING RUBBLIZATION OPERATIONS. ANY DAMAGE TO A DRAINAGE STRUCTURE SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE. A PARTIAL LIST OF EXISTING STRUCTURES IS FOUND BELOW. IT IS FOR INFORMATION ONLY.

STATION	ESTIMATED FILL (FT)	DESCRIPTION
21+36	10	36" RCCP
26+00	6	24" RCCP
56+07	6	8' X 5' RC BOX CULVERT
67+52	5	10' X 7' RC BOX CULVERT
92+25	4	7' X 4.5' RC BOX CULVERT
122+30	3.5	9' X 6' RC BOX CULVERT
135+90	3	36" RCCP
202+79	10	36" RCCP
260+90	4	72" RCCP
294+31	6	36" RCCP
302+31	10	84" RCCP
386+66	9	48" RCCP

GENERAL NOTES (CONT.)

QUANTITIES OF SIGN PANEL - TYPE 1 AND METAL POST - TYPE A HAVE BEEN INCLUDED IN THE PLANS IN ADDITION TO THE ALTERNATE ROUTE SIGNING. THESE ITEMS SHALL BE USED TO REPLACE THE EXISTING MILE MARKER SIGNS FOR THE NORTHBOUND LANES. QUANTITIES FOR EIGHT SIGNS HAVE BEEN INCLUDED. ALL MILE MARKER SIGNS DAMAGED BY CONSTRUCTION OF THIS PROJECT SHALL BE REPLACED IN KIND AT THE EXPENSE OF THE CONTRACTOR.

COMMITMENTS

NONE

MIXTURE REQUIREMENTS

LOCATION(S):	POLYMERIZED BITUMINOUS CONCRETE BINDER COURSE BITUMINOUS SHOULDERS (BOTTOM 2 1/2")
MIXTURE USE(S):	POLYMERIZED BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, N105, IL-19.0
AC/PG:	SBS PG76-22
RAP % (MAX):	0
DESIGN AIR VOIDS:	4.0 %, 105 GYRATION SUPERPAVE DESIGN
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL-19.0 MM
FRICTION AGGREGATE:	NONE

LOCATION(S):	BITUMINUS CONCRETE SURFACE COURSE
MIXTURE USE(S):	POLYMERIZED BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX E, N105
AC/PG:	SBS PG76-22
RAP % (MAX):	0
DESIGN AIR VOIDS:	4.0 %, 105 GYRATION SUPERPAVE DESIGN
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL-9.5 MM OR IL-12.5 MM
FRICTION AGGREGATE:	E SURFACE

LOCATION(S):	BITUMINOUS SHOULDERS (TOP 2" OF ALL SHOULDERS)
MIXTURE USE(S):	POLYMERIZED BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX C, N90
AC/PG:	SBS PG76-22
RAP % (MAX):	0
DESIGN AIR VOIDS:	4.0 %, 90 GYRATION SUPERPAVE DESIGN
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL-9.5 MM OR IL-12.5 MM
FRICTION AGGREGATE:	C SURFACE

LOCATION(S):	INCIDENTAL BITUMINOUS SURFACING (MEDIAN CROSSEOVERS)
MIXTURE USE(S):	BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX C, N90
AC/PG:	PG64-22
RAP % (MAX):	10
DESIGN AIR VOIDS:	4.0 %, 90 GYRATION SUPERPAVE DESIGN
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL-9.5 MM OR IL12.5 MM
FRICTION AGGREGATE:	C SURFACE

LOCATION(S):	BITUMINOUS MATERIALS (PRIME COAT), SPECIAL
MIXTURE USE(S):	POLYMER MODIFIED EMULSIFIED ASPHALT
REQUIREMENTS:	SS-1HP OR CSS-1HP

STRUCTURES WITHIN PROJECT LIMITS

STRUCTURE NO.	DESCRIPTION	OPERATING RATING	INVENTORY RATING	POSTING	MTD APPROVAL
100 - 0010	LAKE CREEK BRANCH	52.6	32.7	NONE	LOADED
100 - 0040	FAS 903	31.6	20.7	NONE	-
100 - 0053	STIRITZ ROAD	26.2	17.3	NONE	-
100 - 0054	CEDAR GROVE ROAD	24.7	16.1	NONE	-
100 - 0057	STOTLAR ROAD	32.8	21.7	NONE	-
100 - 0078	LAKE CREEK	36.0	20.0	NONE	LOADED

PLOT DATE = 8/22/2006  
 FILE NAME = c:\prow\prow\98948\98948.dgn  
 PLOT SCALE = 1/8" = 1'-0"  
 USER NAME = thomson