

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILLIAMSON	60	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. ALL SUBSEQUENT LAYERS OF BITUMINOUS BINDER SHALL BE PRIMED AT THE RATES SHOWN.

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).

REVISE THE FIRST SENTENCE OF ARTICLE 107.09 PUBLIC CONVINIENCE AND SAFETY TO THE FOLLOWING "THE CONTRACTOR SHALL NOTIFY THE ENGINEER AT LEAST 14 DAYS IN ADVANCE OF STARTING ANY CONSTRUCTION WORK. THIS ADDITIONAL INFORMATION IS REQUIRED SO THAT THE PUBLIC CAN BE NOTIFIED OF THE PENDING CONSTRUCTION."

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.

ALL TEMPORARY RAMPS SHALL BE CONSTRUCTED UTILIZING HOT MIX BITUMINOUS CONCRETE. NO COLD PATCH WILL BE ALLOWED.

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.

AT THE LOCATIONS INDICATED IN THE PLANS WHERE FULL DEPTH BITUMINOUS PAVEMENT MEETS EXISTING PAVEMENT A FULL DEPTH SAWCUT SHALL BE CONSTRUCTED. THIS SAWCUT WILL BE INCLUDED IN THE COST OF PAVEMENT REMOVAL OR SHOULDER REMOVAL.

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 DEPTH (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

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

COMMITMENTS

NONE

MIXTURE REQUIREMENTS

LOCATION(S):	POLYMERIZED BITUMINOUS CONCRETE BINDER COURSE (BOTTOM LIFT) BITUMINOUS SHOULDERS 13 3/4" (BOTTOM LIFT) BITUMINOUS SHOULDERS 4 1/2" (BOTTOM LIFT)
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):	BITUMINOUS SHOULDERS, (TOP LIFT) BITUMINOUS CONCRETE SURFACE COURSE (TOP LIFT) INCIDENTAL BITUMINOUS SURFACING (MEDIAN CROSSOVERS) (TOP LIFT)
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 SHOULDER 12" (TOP LIFT)
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 SHOULDER (ALL LOWER LIFTS)
MIXTURE USE(S):	BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, N90, IL-19.0
AC/PG:	PG64-22
RAP % (MAX):	10
DESIGN AIR VOIDS:	4.0 %, 90 GYRATION SUPERPAVE DESIGN
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL-19.0
FRICTION AGGREGATE:	NONE

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