

GENERAL NOTES

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
B69	D-9 SMART FY07-3	FRANKLIN	31	2
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS		

THE THICKNESS OF BITUMINOUS 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 BITUMINOUS MIXTURE IS PLACED.

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.
ALL AGGREGATE	2.05 TONS/CU. YD.
BITUMINOUS MATERIALS:	
***ON PAVEMENT	0.09 GAL./SQ. YD.
***ON AGGREGATE SURFACE	0.32 GAL./SQ. YD.
***AGGREGATE (PRIME COAT)	0.0015 TONS/SQ. YD.
RIPRAP	1.50 TONS/CU. YD.

QUANTITIES SHOWN IN THE PLANS FOR PATCHING ARE ESTIMATES. THE ACTUAL AMOUNT OF PATCHING REQUIRED SHALL BE DETERMINED BY THE ENGINEER.

AT ALL LOCATIONS WHERE THE PROPOSED BITUMINOUS OR CONCRETE PAVEMENT JOINS AN EXISTING BITUMINOUS OR CONCRETE PAVEMENT, A FULL DEPTH SAWED JOINT SHALL BE CONSTRUCTED. THE COST OF THIS JOINT WILL BE INCLUDED IN THE COST OF THE TYPE OF PAVEMENT BEING CONSTRUCTED.

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 140 mm (5 1/2 IN.) TALL OF A DESIGN APPROVED BY THE ENGINEER, AND SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.

TIE BARS CONNECTING PROPOSED PCC PAVEMENT TO THE EXISTING RESURFACED PCC PAVEMENT SHALL BE INCLUDED IN THE COST OF PCC PAVEMENT. SEE DETAIL SHEET 9.

ATTAINMENT OF PROPER CROWN OR SUPERELEVATION SHALL BE FULLY ACCOMPLISHED WITH THE BITUMINOUS SURFACE REMOVAL.

THE QUANTITY OF SHORT TERM PAVEMENT MARKING SHOWN IN THE PLANS IS BASED ON ONE APPLICATION EACH FOR THE MILLED SURFACE AND SURFACE COURSE.

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.

UTILITIES ARE SHOWN IN ACCORDANCE WITH THE BEST AVAILABLE INFORMATION AND THEIR ACTUAL LOCATIONS ARE NOT GUARANTEED TO BE AS SHOWN IN THE PLANS.

THE EXISTING ROAD SIGNS THAT INTERFERE WITH CONSTRUCTION WILL BE REMOVED OR RELOCATED AS DIRECTED BY THE ENGINEER ACCORDING TO ARTICLE 107.25 OF THE STANDARD SPECIFICATIONS. AFTER THE CONSTRUCTION IS COMPLETED, THE CONTRACTOR WILL RE-ERECT THE SIGNS AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT AND NO COMPENSATION WILL BE ALLOWED. THERE ARE NO AVAILABLE WASTE SITES ON THE EXISTING RIGHT OF WAY WITHIN THE PROJECT LIMITS.

STRUCTURES WITHIN PROJECT LIMITS:

STRUCTURE NO.	OPERATING RATING	INVENTORY RATING	POSTING
028-2011	HS 38.9	HS 23.3	NONE
028-2012	HS 41.5	HS 24.9	NONE
028-2013	HS 40.1	HS 24.0	NONE
028-2014	HS 42.5	HS 25.5	NONE
028-0017	HS 23.8	HS 14.3	NONE CURRENTLY UNDER CONSTRUCTION
028-0020	HS 36.0	HS 23.0	NONE
028-0065	HS 26.4	HS 15.8	LEGAL LOAD ONLY CURRENTLY UNDER CONSTRUCTION

MIXTURE REQUIREMENTS:

LOCATION(S):	HOT MIX ASPHALT SURFACE COURSE
MIXTURE USE(S):	HOT MIX ASPHALT SURFACE COURSE, MIX D, N90
AC/PG:	PG64-22
RAP % (Max):	10
DESIGN AIR VOIDS:	4.0 %, 90 GYRATION DESIGN
MIXTURE COMPOSITION (GRADATION MIXTURE):	IL-9.5 mm or IL12.5 mm
FRICTION AGGREGATE:	D SURFACE
LOCATION(S):	CLASS D PATCHING
MIXTURE USE(S):	HOT MIX ASPHALT BINDER COURSE, N90, IL-19.0
AC/PG:	PG64-22
RAP % (Max):	10
DESIGN AIR VOIDS:	4.0 %, 90 GYRATION DESIGN
MIXTURE COMPOSITION (GRADATION MIXTURE):	IL-19.0 mm
FRICTION AGGREGATE:	NONE
LOCATION(S):	HOT MIX ASPHALT SHOULDERS
MIXTURE USE(S):	HOT MIX ASPHALT SHOULDERS
AC/PG:	PG58-22
RAP % (Max):	50
DESIGN AIR VOIDS:	2.0 %, 30 GYRATION DESIGN
MIXTURE COMPOSITION (GRADATION MIXTURE):	HMA SHOULDERS
FRICTION AGGREGATE:	NONE

SHT NO	DESCRIPTION
1	COVER SHEET
2	GENERAL NOTES, STANDARDS
3	SUMMARY OF QUANTITIES
4	TYPICAL SECTIONS - IL 14
5	TYPICAL SECTIONS - REND CITY ROAD
6-8	SCHEDULES
9	PLAN/PROFILE - REND CITY ROAD
10	INTERSECTION DETAIL
11	PLAN DETAILS - UNEVEN LANES SIGN, ROUGH GROOVED SURFACE SIGN, TIE BAR DETAIL
12	PLAN DETAILS - ENTRANCE AND SIDE ROAD
12 -13	CROSS SECTIONS - REND CITY ROAD
15 -23	CROSS SECTIONS - NORTHWEST QUAD REND CITY ROAD
24 -31	CROSS SECTIONS - NORTHEAST QUAD REND CITY ROAD

STANDARDS

000001-05	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
001001-01	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
420001-07	PAVEMENT JOINTS
420101-04	24' JOINTED PCC PAVEMENT
442201-03	CLASS C AND D PATCHES
482006-03	HMA SHOULDER ADJACENT TO RIGID PAVEMENT
701001-01	OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15' AWAY
701006-02	OFF-ROAD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
701011-01	OFF-ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701301-02	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701306-01	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS GREATER THAN OR EQUAL TO 45 MPH
701311-02	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701336-04	LANE CLOSURE, 2L, 2W, WORK AREAS IN SERIES, FOR SPEEDS GREATER THAN OR EQUAL TO 45 MPH
701901	TRAFFIC CONTROL DEVICES
780001-01	TYPICAL PAVEMENT MARKINGS
781001-02	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
BLR 21-7	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS

COMMITMENTS

NONE

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