

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
777	405RS-4	MONTGOMERY	75	2
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

INDEX OF SHEETS

GENERAL NOTES

- ① WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKS, MONUMENTS, AND PERMANENT SURVEY MARKERS UNTIL THE OWNER, AND AUTHORIZED SURVEYOR OR AGENT HAS WITNESSES OR OTHERWISE REFERENCED THEIR LOCATION.
- ② THE NOMINAL THICKNESS FOR BASE AND SURFACE COURSES ARE SHOWN ON THE TYPICAL SECTIONS, STANDARDS, SCHEDULES, OR SPECIAL DETAILS. THE CONSTRUCTED THICKNESS OF THE ABOVE ITEM SHALL NOT BE LESS THAN 90 PERCENT OF THE NOMINAL THICKNESS AT ANY LOCATION.
- ③ THE THICKNESS OF HOT-MIX ASPHALT MIXTURE SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATION OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE HOT-MIX ASPHALT MIXTURE IS PLACED.
- ④ ANY REFERENCE TO A STANDARD IN THE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION, AS INDICATED BY THE SUB-NUMBER LISTED IN THE INDEX OF SHEETS, OR THE COPY OF THE STANDARD INCLUDED IN THE PLANS.
- ⑤ THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE:

LOCATIONS:	IL 185	IL 185	Side Rds. & Entr.
MIXTURE USE(S):	HMA CONC SURF CSE	HMA CONC BIND CSE	INCIDENTAL HMA SURF
AC/PG:	• PG 64-22	• PG 64-22	• PG 64-22
R.A.P. % (MAX.)	15 %	25 %	15 %
DESIGN AIR Voids	4.0 @ N design = 50	4.0 @ N design = 50	4.0 @ N design = 50
MIXTURE COMPOSITION (Gradation Mixture)	IL 9.5 OR 12.5	IL 19.0	IL 9.5 OR 12.5
FRICION AGGREGATE	MIX "C"	N/A	MIX "C"

LOCATIONS:	IL 185	IL 185	IL 185
MIXTURE USE(S):	HMA SHOULDERS	HMA SHOULDERS 2	HMA SHOULDERS 8
AC/PG:	• PG 58-22	• PG 58-22	• PG 58-22
R.A.P. % (MAX.)	50 %	50 %	50 %
DESIGN AIR Voids	2.0 @ N design = 30	2.0 @ N design = 30	2.0 @ N design = 30
MIXTURE COMPOSITION (Gradation Mixture)	BAM MIX	BAM MIX	BAM MIX
FRICION AGGREGATE	N/A	N/A	N/A

- ⑥ THE APPROXIMATE AVERAGE THICKNESS OF 2 1/2" IS USED FOR CALCULATING QUANTITIES FOR AGGREGATE SHOULDERS, TYPE B.

RATES OF APPLICATION TABLES

THE FOLLOWING RATES OF APPLICATION HAVE BEEN ASSUMED IN CALCULATING PLAN QUANTITIES.

BITUMINOUS MATERIALS (PRIME COAT): 0.00038 TON / SQ YD (ON PAVEMENT)
 0.001425 TON / SQ YD (ON AGGREGATE)
 AGGREGATE MATERIALS (PRIME COAT): 0.002 TON / SQ YD
 HOT-MIX ASPHALT SURFACE MIX C / BINDER (112 LBS): 0.056 TON / SQ YD • In
 HOT-MIX ASPHALT SURFACE MIX D (112 LBS): 0.056 TON / SQ YD • In
 AGGREGATE MATERIALS: 2.05 TON / CU YD

NITROGEN FERTILIZER NUTRIENT: 90 LBS / ACRE
 PHOSPHOROUS FERTILIZER NUTRIENT: 90 LBS / ACRE
 POTASSIUM FERTILIZER NUTRIENT: 90 LBS / ACRE
 AGRICULTURE GROUND LIMESTONE: 2 TONS / ACRE
 MULCH: 2 TONS / ACRE

INDEX OF SHEETS

- 1 COVER SHEET
- 2 INDEX OF SHEETS
- 3 SUMMARY OF QUANTITIES
- 4 - 8 TYPICAL SECTIONS (5)
- 9 - 18 SCHEDULE OF QUANTITIES (10)
- 19 - 50 PLAN VIEW (32)
- 51 - 52 DRAINAGE DETAILS (2)
- 53 - 56 PAVEMENT MARKING DETAILS (4)
- 57 - 59 GRATE, SPECIAL DETAILS (3)
- 60 - 64 ENTRANCE AND SIDEROAD DETAILS (5)
- 65 - 75 CROSS SECTIONS (11)

STANDARDS

- 000001-04 STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
- 001001-01 AREAS OF REINFORCEMENT BARS
- 602306-01 INLET, TYPE B
- 602401-01 MANHOLE, TYPE A
- 604036-01 GRATE, TYPE 8
- 630001-07 STEEL PLATE BEAM GUARDRAIL
- 635006-02 REFLECTOR AND TERMINAL MARKER PLACEMENT
- 635011-01 REFLECTOR MARKER AND MOUNTING DETAILS
- 701001-01 OFF ROAD OPERATIONS 2L, 2W, MORE THAN 4.5M (15') AWAY (CLEANING CULVERTS)
- 701006-02 OFF ROAD OPERATIONS 2L, 2W, 4.5M (15') TO 600MM (24") FROM PAVEMENT EDGE (GUARDRAIL INSTALLATION)
- 701011-01 OFF ROAD MOVING OPERATIONS 2L, 2W, DAY ONLY (SHOULDER WORK)
- 701201-02 LANE CLOSURE 2L, 2W, DAY ONLY, FOR SPEEDS ≥ 45 MPH (CULVERTS)
- 701306-01 LANE CLOSURE 2L, 2W, SLOW MOVING OPERATIONS - DAY ONLY, FOR SPEEDS > 45 MPH (MILLING & RESURF.)
- 701311-02 LANE CLOSURE 2L, 2W, MOVING OPERATIONS - DAY ONLY (PAVEMENT MARKING)
- 701501-03 URBAN LANE CLOSURE 2L, 2W, UNDIVIDED (BIT SURF, MILLING & SHLDR OPS)
- 702001-06 TRAFFIC CONTROL DEVICES
- 780001-01 TYPICAL PAVEMENT MARKING
- 781000-02 TYPICAL APPLICATIONS OF RAISED REFLECTIVE PAVEMENT MARKINGS

COMMITMENTS

(NONE)

DISTRICT SIX

EXAMINED	<i>[Signature]</i>	20 06
OPERATIONS ENGINEER		
EXAMINED	<i>[Signature]</i>	20 06
PROGRAM IMPLEMENTATION ENGINEER		
EXAMINED	<i>[Signature]</i>	20 06
PROGRAM DEVELOPMENT ENGINEER		

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

INDEX OF SHEETS

F.A.P. Route 777 (IL 185)
 Section 405RS-4
 MONTGOMERY COUNTY

SCALE: VERT.
 HORIZ.
 DATE

DRAWN BY JWC
 CHECKED BY JSC