

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	COVER SHEET
2	INDEX OF SHEETS & LIST OF STANDARDS
3	AND GENERAL NOTES
4-8	SUMMARY OF QUANTITIES
9-11	TYPICAL SECTIONS
12	SCHEDULE OF QUANTITIES
13-14	ALIGNMENT, TIES AND BENCHMARKS
15-16	ROADWAY PLAN
17-23	SUGGESTED STAGING AND TRAFFIC CONTROL PLANS
24	EROSION AND SEDIMENT CONTROL PLAN
25-25B	SUE INVESTIGATION OF UNDERGROUND UTILITIES PLANS
26-28	EXISTING AND PROPOSED DRAINAGE PLANS
29	PAVEMENT MARKING & LANDSCAPING PLANS
30-45	TRAFFIC SIGNAL PLANS AND DETAILS
46-47	DETAIL OF PERPENDICULAR CURB RAMPS FOR SHARED PATH
48	DETAIL OF STORM SEWER CONNECTION TO EXISTING SEWER (BD-07)
49	DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING (BD-08)
50	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT (BD-22)
51	CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT (BD-24)
52	BUTT JOINT AND HMA TAPER DETAILS (BD-32)
53	FIRE HYDRANT TO BE MOVED (BD-36)
54	BENCHING DETAIL FOR EMBANKMENT WIDENING (BD-51)
55	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS AND DRIVEWAYS (TC-10)
56	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT) (TC-11)
57	DISTRICT ONE TYPICAL PAVEMENT MARKINGS (TC-13)
58	TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) (TC-14)
59	PAVEMENT MARKING LETTERS AND SYMBOLS FOR TRAFFIC STAGING (TC-16)
60	TEMPORARY INFORMATION SIGNING (TC-22)
61	DRIVEWAY ENTRANCE SIGNING (TC-26)
62	DETECTOR LOOP INSTALLATION DETAILS FOR ROADWAY RESURFACING (TS-07)
63-68	CROSS SECTIONS

LIST OF STATE STANDARDS

STANDARD NO.	DESCRIPTION
000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
280001-06	TEMPORARY EROSION CONTROL SYSTEMS
442201-03	CLASS C AND D PATCHES
482001-02	HMA SHOULDER ADJACENT TO FLEXIBLE PAVEMENT
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
542311-03	GRATING FOR CONCRETE FLARED END SECTION (FOR 24" THRU 54" PIPE)
602001-02	CATCH BASIN TYPE A
602011-02	CATCH BASIN TYPE C
602401-03	MANHOLE TYPE A
602601-02	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
604001-03	FRAME AND LIDS TYPE 1
604036-02	GRATE TYPE 8
604091-02	FRAME AND GRATE TYPE 24
606001-04	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606006-02	OUTLETS FOR CONCRETE CURB AND GUTTER TYPE B-6.24
606301-04	PC CONCRETE ISLANDS AND MEDIANS
701101-02	OFF-RD OPERATIONS, MULTILANE, 15' TO 24' FROM PAVEMENT EDGE
701106-02	OFF-RD OPERATIONS, MULTILANE, MORE THAN 15' AWAY
701326-04	LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING, FOR SPEEDS ≥ 45 MPH
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701601-07	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
701701-08	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-05	LANE CLOSURE MULTILANE, 1W OR 2W CROSSWALK OF SIDEWALK CLOSURE
701901-02	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
780001-03	TYPICAL PAVEMENT MARKINGS
814001-02	HANDHOLES
814006-02	DOUBLE HANDHOLES
857001-01	STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES
862001-01	UNINTERRUPTABLE POWER SUPPLY (UPS)
873001-02	TRAFFIC SIGNAL GROUNDING & BONDING
876001-02	PEDESTRIAN PUSH BUTTON POST
877001-05	STEEL MAST ARM ASSEMBLY AND POLE 16' THROUGH 55'
878001-09	CONCRETE FOUNDATION DETAILS
880001-01	SPAN WIRE MOUNTED SIGNALS AND FLASHING BEACON INSTALLATION
880006-01	TRAFFIC SIGNAL MOUNTING DETAILS
886001-01	DETECTOR LOOP INSTALLATIONS

HOT-MIX ASPHALT MIXTURE REQUIREMENTS	
MIXTURE TYPE	AIR VOIDS Ideals
PAVEMENT WIDENING (US 30)	
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90 (IL-9.5 mm); 2"	4% @ 90 GYR.
HMA BASE COURSE WIDENING, (HMA BINDER IL-19 mm); 8 3/4" (3 LIFTS) *	4% @ 90 GYR.
PAVEMENT WIDENING (CENTRAL AVE)	
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90 (IL-9.5 mm); 2"	4% @ 90 GYR.
HMA BASE COURSE (HMA BINDER IL-19 mm), 6" (2 LIFTS) *	4% @ 90 GYR.
PAVEMENT RESURFACING	
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90 (IL-9.5 mm); 2"	4% @ 90 GYR.
SHOULDER RESURFACING	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL-9.5 mm); 2"	4% @ 70 GYR.
SHOULDER WIDENING	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL-9.5 mm); 2"	4% @ 70 GYR.
HOT-MIX ASPHALT SHOULDER, (HMA BINDER IL-19 mm), 6"	4% @ 50 GYR.
BIKE PATH	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL-9.5 mm); 2"	4% @ 50 GYR.
PATCHING	
CLASS D PATCHES (HMA BINDER IL-19 mm)	4% @ 70 GYR.
HMA REPLACEMENT OVER PATCHES (HMA BINDER IL-19 mm)	4% @ 70 GYR.

- THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURES IS 112 LBS/SQ.YD./IN
 - THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS. FOR "PERCENT OF RAP" SEE SPECIAL PROVISIONS.

* USE POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90, 2 1/4" FOR THE TOP LIFT THICKNESS

FILE NAME =	USER NAME = mjdjje	DESIGNED -	REVISED	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS & LIST OF STATE STANDARDS		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\pwwork\pwwork\mjdjje\dms\2836VP156888-Design.dgn		DRAWN -	REVISED -		353	23-N-4	COOK	68	2		
PLOT SCALE = 100.0000' / in.		CHECKED -	REVISED -		CONTRACT NO. 60L21						
PLOT DATE = 3/28/2012		DATE -	REVISED -		ILLINOIS FED. AID PROJECT						
				SCALE:	SHEET NO.	OF	SHEETS	STA.	TO	STA.	