

HOT-MIX ASPHALT MIXTURE REQUIREMENTS							
PAY ITEM	AIR VOIDS	THICKNESS					
PAVEMENT WIDENING AND RESURFACING (ARMY TRAIL RD AND IRVING PARK RD)							
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90 (IL 9.5 mm)	4% @ 90 GYR	1-3/4"					
POLYMERIZED LEVELING BINDER (MACHINE METHOD), N50 (IL-4.75)	4% @ 50 GYR	3/4"					
HOT-MIX ASPHALT BASE COURSE, (HMA BINDER IL-19mm)	4% @ 70 GYR	12-1/4"					
PAVEMENT WIDENING AND RESURFACING (ALL OTHER SIDE STREETS)							
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5 mm)	4% @ 70 GYR	1-1/2"					
POLYMERIZED LEVELING BINDER (MACHINE METHOD), N50 (IL-4.75)	4% @ 50 GYR	3/4"					
HOT-MIX ASPHALT BASE COURSE, (HMA BINDER IL-19mm)	4% @ 70 GYR	9-1/4"					
COMMERCIAL ENTRANCES	<u> </u>						
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 (IL 9.5 mm)	4% @ 50 GYR	2"					
HOT-MIX ASPHALT BASE COURSE, (HMA BINDER IL-19mm)	4% @ 50 GYR	8"					
PRIVATE ENTRANCES							
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 (IL 9.5 mm)	4% @ 50 GYR	2"					
HOT-MIX ASPHALT BASE COURSE, (HMA BINDER IL-19mm)	4% @ 50 GYR	6"					
TEMPORARY PAVEMENT							
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL-9.5mm)	4% @ 50 GYR	2"					
TEMPORARY PAVEMENT (HMA BINDER IL-19mm)	4% @ 50 GYR	8"					
STABILIZED SUBBASE	28 7 February						
STABILIZED SUBBASE - HOT-MIX ASPHALT, 4 1/2"	*	4-1/2"					

THE UNIT WEIGHT TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ IN.

THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 70-22" 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 DISTRICT ONE SPECIAL PROVISIONS.

* - SEE THE SPECIAL PROVISIONS

NOTE.

1. SEE THE LANDSCAPING DETAIL SHEETS FOR THE LOCATIONS OF: TOPSOIL FURNISH AND PLACE, 4", 6", 8", 12", AND 24" SODDING, SALT TOLERANT SEEDING, CLASS 2A AND SEEDING, CLASS 4

<u>LEGEND</u>

- PROPOSED

 1 PCC PAVEMENT 10" (JOINTED)
- (2) AGGREGATE SUBGRADE 12"
- (3) CONCRETE MEDIAN, TYPE SB-6.18 (MODIFIED) (SEE DETAIL A)
- 4 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18
- (5) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- (6) CONCRETE MEDIAN SURFACE, 4 INCH
- 7 AGGREGATE BACKFILL (INCLUDED IN THE COST OF CONCRETE MEDIAN SURFACE)
- (8) PORTLAND CEMENT CONCRETE SIDEWALK
- (9) LONGITUDINAL CONSTRUCTION JOINT, NO. 8 EPOXY COATED TIE 24" LONG AT 24" CENTERS
- (10) LONGITUDINAL SAWED JOINT, NO. 6 EPOXY COATED TIE BARS 30" BARS LONG AT 30" CENTERS
- (11) LONGITUDINAL CONSTRUCTION JOINT, NO. 6 EPOXY COATED TIE BARS 24" LONG AT 24" CENTERS, DRILL AND GROUT (INCLUDED IN THE COST OF COMBINATION CONCRETE CURB AND GUTTER, CONCRETE MEDIAN AND CORRUGATED MEDIAN)
- (12) EROSION CONTROL BLANKET (FOR USE ON ALL SEEDED AREAS)
- (13) TOPSOIL FURNISH AND PLACE, 4" (SEE NOTE 1)
- (14) SODDING, SALT TOLERANT (SEE NOTE 1)
- (15) POROUS GRANULAR EMBANKMENT, SUBGRADE

PAVEMENT WIDENING AND RESURFACING ARMY TRAIL ROAD AND IRVING PARK ROAD

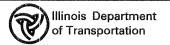
- (16) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90 1 3/4"
- POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 3/4"
- (18) HOT-MIX ASPHALT BASE COURSE, 12 1/4"

PAVEMENT WIDENING AND RESURFACING (ALL OTHER SIDESTREETS)

- 16 HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 1 1/2"
- 17) POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 3/4"
- (18) HOT-MIX ASPHALT BASE COURSE, 9 1/4"

PATRICK ENGINEERING INC.
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PATRICK patrickengineering.com

USER NAME = ckersten(Lisle_R)	DESIGNED	-	CPK	REVISED	-	03/11/2011	Γ
PLOT CONFIG= PDF(Grey_Large).plt	DRAWN	-	ERC	REVISED			
PLOT SCALE = 1:6.66667	CHECKED	-	CPK	REVISED	-		
PLOT DATE = 3/11/2011	DATE	-	12/3/2010	REVISED	-		



SCALE: NA

THORNDALE AVE.			F.A. RTE	F.A. RTE.		TION	COUNTY	TOTAL	SHEE'	
PROPOSED TYPICAL SECTIONS				257	532B		DUPAGE	781	63	
1.1101.0012 111.10111 020110110							CONTRACT	NO. (60477	
	SHEET TYP-22 OF 22	STA.	TO STA.	FED.	ROAD DIST	. NO.	ILLINOIS FED.	AID PROJECT		