



HOT-MIX ASPHALT MIXTURE REQUIREMENTS
NOTE: CONTRACTOR SHALL MILL BEFORE PATCHING.

MIXTURE TYPE	AIR VOIDS @ Ndes
RESURFACING	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5mm)	4% @ 70 GYR
HOT-MIX ASPHALT BINDER IL 19.0, N70	4% @ 70 GYR
PATCHING	
CLASS D PATCHES (HMA BINDER IL-19mm), 8-INCH	4% @ 70 GYR
DRIVEWAYS	
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 (IL 9.5mm)	4% @ 50 GYR
HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 10"	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70- 2" (IL 9.5mm)	4% @ 70 GYR
BINDER COURSE, IL 19.0, N70- 2.5"	4% @ 70 GYR
HMA BASE COURSE, (HMA BINDER IL-19mm)-5.5"	4% @ 70 GYR
SHOULDERS	
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 (IL 9.5mm)-6"	4% @ 50 GYR

EXISTING TYPICAL SECTION LEGEND

- (A) HOT-MIX ASPHALT PAVEMENT, DEPTH VARIES
- (B) SUB-BASE GRANULAR MATERIAL
- (C) CURB AND GUTTER TYPE B-6.12
- (D) PARKWAY
- (E) PCC SIDEWALK
- (F) HOT-MIX ASPHALT SURFACE REMOVAL, 3"

PROPOSED TYPICAL SECTION LEGEND

- (1) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1.75"
- (2) COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT (AS DIRECTED BY THE RESIDENT ENGINEER)
- (3) BITUMINOUS MATERIALS (PRIME COAT)
- (4) AGGREGATE (PRIME COAT)
- (5) CLASS D PATCHES, 8-INCH (AS DIRECTED BY THE RESIDENT ENGINEER)
- (6) LEVELING BINDER (MACHINE METHOD), N70, 1.5"

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 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.

COMPANY NAME: SEC GROUP, INC.
 PROJECT CONTACT: J. MELHUTSH
 ADDRESS: 111 W. BARTLETT
 CITY: WILMINGTON, IL 60491
 DATE PLOTTED: 08/03/09
 FILE NAME: 090196-tyr-bar-tlett-01.dgn
 PLOT DRIVER: pdcfbit
 PEN TABLE: standard-trans.tbl



USER NAME = jmelhush	DESIGNED - J. MELHUTSH	REVISED -
FILE NAME = 090196-tyr-bar-tlett-01.dgn	DRAWN - S. PERMAL	REVISED -
PLOT SCALE = N.T.S.	CHECKED - T. HAMILTON	REVISED -
PLOT DATE = 9/3/2009	DATE - 8/3/09	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS WEST BARTLETT ROAD		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SCALE: N.T.S.	SHEET NO. 1 OF 3 SHEETS	2537	09-00084-00-RS	COOK	53	4
STA.	TO STA.	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT ARA-9003 (345)				