



- EXISTING CONDITIONS:**
- (A) PORTLAND CEMENT CONCRETE PAVEMENT, 8"
 - (B) HOT-MIX ASPHALT SHOULDER
 - (C) AGGREGATE SHOULDER
 - (D) COMBINATION CURB AND GUTTER

- PROPOSED IMPROVEMENTS:**
- (1) PORTLAND CEMENT CONCRETE PAVEMENT SURFACE REMOVAL (VARIABLE DEPTH), VARIES 0 TO 2 1/2"
 - (2) HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH, VARIES 0 TO 1 1/2"
 - (3) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 1 1/2"
 - (4) LEVELING BINDER (MACHINE METHOD), N50 (IL 9.5 mm), VARIES 3/4" TO 2 1/4"
 - (5) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-4.12
 - (6) AGGREGATE SHOULDERS, TYPE B 4"
 - (7) CLASS D PATCHES, 9" (DETERMINED BY ENGINEER IN FIELD)
 - (8) EARTH EXCAVATION
 - (9) TOPSOIL FINISH AND PLACE, 4"
 - (10) SODDING, SALT TOLERANT
 - (11) STRIP REFLECTIVE CRACK CONTROL TREATMENT (24" WIDE)

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

OPERATIONS	MIXTURE TYPE	AC TYPE	AIR VOIDS
ROADWAY RESURFACING	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL-9.5MM)	PG 64-22	4% @ 50 GYR
	LEVELING BINDER (MACHINE METHOD), N50 (IL 9.5 mm)	PG 64-22*	4% @ 50 GYR
PAVEMENT PATCHING	CLASS D PATCHES, 9" (HMA BINDER IL-19MM)	PG 64-22*	4% @ 70 GYR

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

* WHEN RAP EXCEEDS 20%, THE NEW ASPHALT BINDER IN THE MIX SHALL BE PG 58-22.

FILE NAME = N:\PROJ\3329\3329_32\Drawings\Frontage\120-31-04-Typical Sections.dgn

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USER NAME = jooliman	DESIGNED - JCC	REVISED -
PLOT SCALE = 20,0000' / IN.	DRAWN - JCC	REVISED -
PLOT DATE = 6/3/2008	CHECKED - M.J.L.	REVISED -
	DATE - MAY 2008	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ILLINOIS ROUTE 120 NORTH FRONTAGE ROAD
WILL AVENUE TO KNIGHT AVENUE
TYPICAL SECTIONS**

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
880	12 RS-3	LAKE	21	4
FED. ROAD DIST. NO. - [ILLINOIS] FED. AID PROJECT			CONTRACT NO. 60B45	