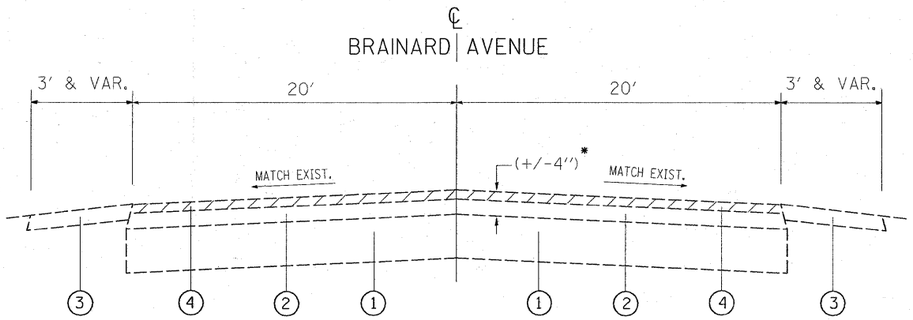
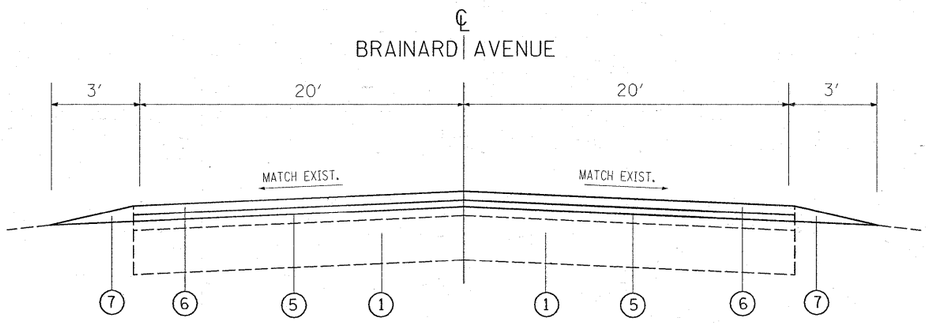


EXISTING TYPICAL SECTION

STA 12+70 TO STA 62+30



PROPOSED TYPICAL SECTION

STA 12+70 TO STA 62+30

LEGEND

1. EXISTING P.C.C. PAVEMENT, 8″ (+/-)
2. EXISTING HMA SURFACE COURSE, 4″ (+/-)
3. EXISTING AGGREGATE SHOULDER
4. PROPOSED HMA SURFACE REMOVAL, 2 1/4 ″
5. PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4 ″
6. PROPOSED HMA SURFACE COURSE, MIX ″D″, N70, 1 1/2 ″
7. PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B

* CONTRACTOR SHALL PATCH FIRST BEFORE MILLING

HOT-MIX ASPHALT MIXTURE REQUIREMENTS		
MIXTURE USES	AC TYPE	DESIGN AIR VOIDS
HMA SURFACE COURSE, MIX ″D″, N70 (IL-9.5 mm)	PG 64-22	4% AT 70 GYR.
POLYMERIZED LEVELING BINDER (MM), IL-4.75, N50	SBS/SBR PG 76-28/-22	4% AT 50 GYR.
HMA REPLACEMENT OVER PATCHES (HMA BINDER, IL-19.0 mm)	* PG 64-22	4% AT 70 GYR.
CLASS D PATCHES, (HMA BINDER IL-19.0 mm)	* PG 64-22	4% AT 70 GYR.

NOTES:

THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE COURSE MIXTURES IS 112 LBS/SY/IN

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

FILE NAME = c:\pw_work\PWIDOT\SHIRANISB\dms88877\shrdwy.dgn	USER NAME = shiranisb	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 50.0000 ′ / IN.	CHECKED -	REVISED -
	PLOT DATE = 1/31/2009	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTION
BRAINARD AVE. BURNHAM AVE. TO INDIANA STATE LINE

SCALE: NONE | SHEET NO. OF SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3592	0708 RS-3	COOK	15	4
		CONTRACT NO. 60F21		

FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT