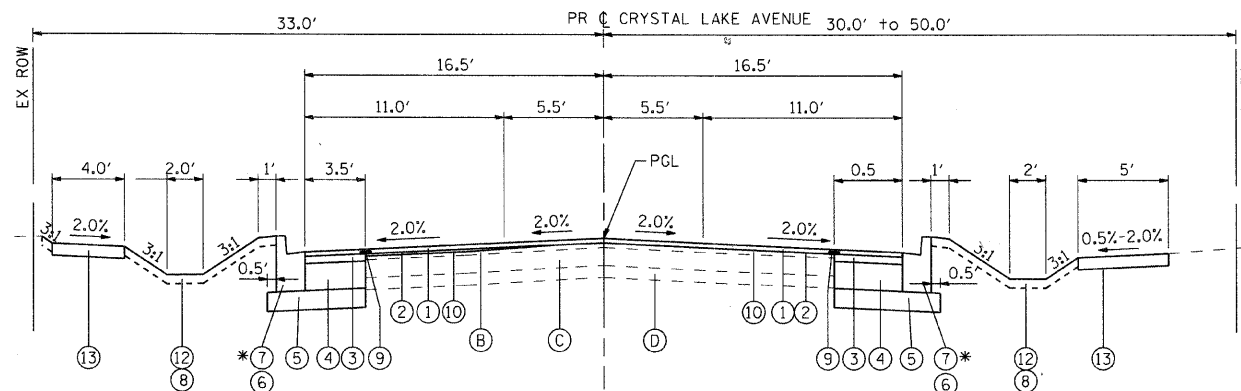
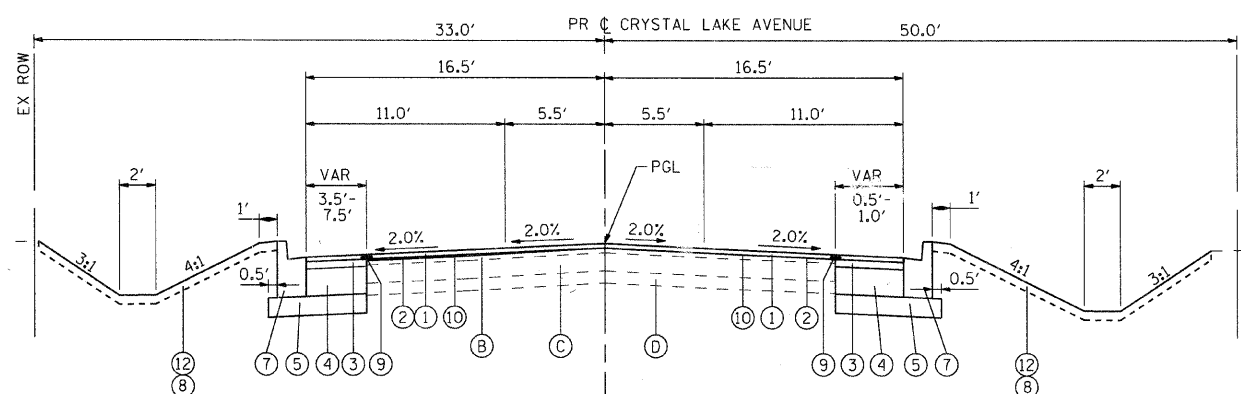


**EXISTING TYPICAL SECTION
CRYSTAL LAKE AVENUE**
STA. 104+38 TO STA. 113+02



**PROPOSED TYPICAL SECTION
CRYSTAL LAKE AVENUE**
STA. 104+38 TO STA. 107+00

* COMB C&G TYPE B-6.24 FROM
STA. 104+38 TO STA. 105+80



**PROPOSED TYPICAL SECTION
CRYSTAL LAKE AVENUE**
STA. 107+00 TO STA. 113+02

EXISTING LEGEND

- Ⓐ ASPHALT SURFACE COURSE, 3"±
- Ⓑ ASPHALT BASE COURSE, 6"±
- Ⓒ AGGREGATE SUBGRADE, 4"
- Ⓓ AGGREGATE SHOULDER, 3"

PROPOSED LEGEND

- ① HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1 1/2"
- ② LEVELING BINDER (MACHINE METHOD), N70, 3/4" (MIN.)
- ③ HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 2 1/2"
- ④ HOT-MIX ASPHALT BASE COURSE, 9"
- ⑤ SUB-BASE GRANULAR MATERIAL, TYPE B 6"
- ⑥ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- ⑦ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- ⑧ TOPSOIL FURNISH AND PLACE, 6"
- ⑨ STRIP REFLECTIVE CRACK CONTROL TREATMENT
- ⑩ BITUMINOUS MATERIALS (PRIME COAT)
- ⑪ HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 13"
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5mm); 1 1/2"
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70; 2 1/2"
HOT-MIX ASPHALT BASE COURSE (HMA BINDER IL-19mm); 9"
- ⑫ SEEDING, CLASS 2A
- ⑬ PCC SIDEWALK, 5"
- ⑭ HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50, 3"
SUB-BASE GRANULAR MATERIAL, TYPE B 4"

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE TYPE	AC TYPE	VOIDS
HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 13"		
SURFACE COURSE, MIX "D", N70 1-1/2" (IL 9.5mm)	PG 64-22	4% @ 70 GYR.
BINDER COURSE, IL-19.0, N70 2-1/2"	PG 64-22*	4% @ 70 GYR.
HMA BASE COURSE (HMA BINDER IL-19mm)	PG 64-22*	4% @ 70 GYR.
PAVEMENT WIDENING		
SURFACE COURSE, MIX "D", N70 1-1/2" (IL 9.5mm)	PG 64-22	4% @ 70 GYR.
HMA BINDER COURSE, IL-19.0, N70 2-1/2"	PG 64-22*	4% @ 70 GYR.
HMA BASE COURSE (HMA BINDER IL-19mm)	PG 64-22*	4% @ 50 GYR.
LEVELING BINDER (MACHINE METHOD), N70	PG 64-22	4% @ 70 GYR.
DRIVEWAYS		
HMA SURFACE COURSE, MIX "C", N50 2"	PG 64-22	4% @ 50 GYR.
MULTI-USE PATH		
SURFACE COURSE, MIX "C", N50	PG 64-22	4% @ 50 GYR.
PATCHING		
CLASS D PATCHES, (HMA BINDER IL-19mm)	PG 64-22*	4% @ 70 GYR.

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



USER NAME = char-tke	DESIGNED - JRM	REVISED -
PLOT SCALE = N.T.S.	DRAWN - JPA	REVISED -
PLOT DATE = 2/13/2009	CHECKED - TCH	REVISED -
	DATE - 2/13/09	REVISED -

**MCHENRY COUNTY
DIVISION OF TRANSPORTATION**

**TYPICAL SECTIONS
CRYSTAL LAKE AVENUE**

SCALE: N.T.S. SHEET NO. 2 OF 2 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0116	08-00327-01-CH	MCHENRY	56	7
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
CONTRACT NO. 63144				