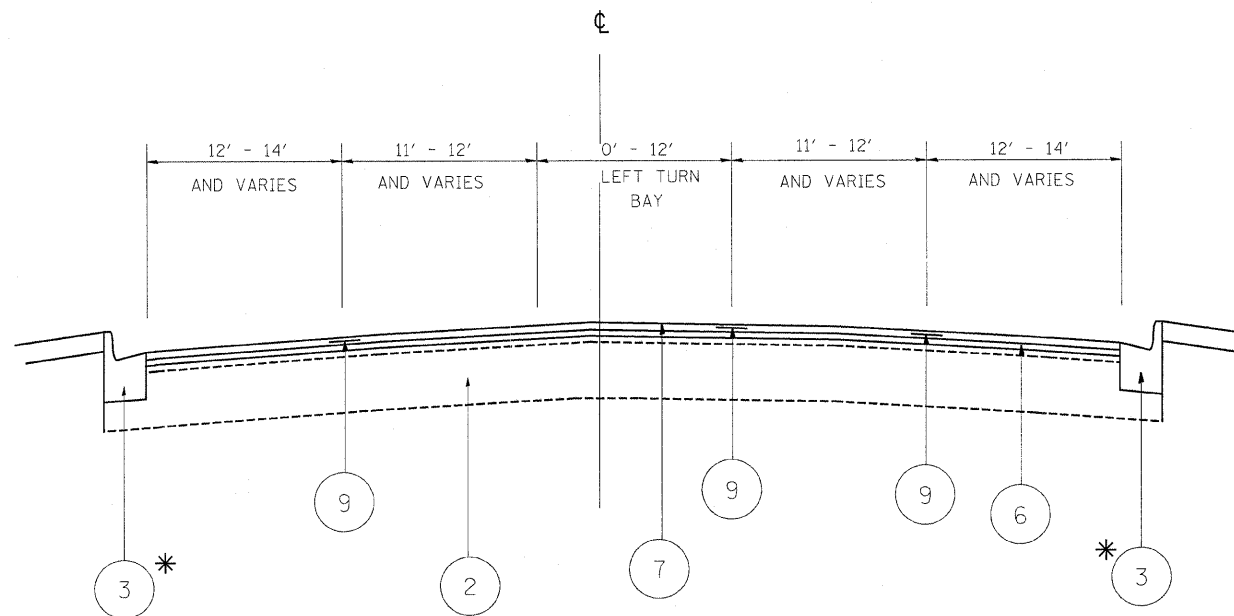


CRYSTAL LAKE AVENUE  
 EXISTING TYPICAL SECTION  
 STA. 13+48 TO STA. 21+82

- LEGEND
- 1 EXISTING HOT-MIX ASPHALT SURFACE, 3" ±
  - 2 EXISTING HOT-MIX ASPHALT BASE COURSE, 8" ±
  - 3 EXISTING CONCRETE CURB AND GUTTER, TYPE B-6.24
  - 4 EXISTING AGGREGATE SHOULDERS
  - 5 PROPOSED HOT MIX ASPHALT SURFACE REMOVAL, 2 1/4"
  - 6 PROPOSED LEVELING BINDER (MACHINE METHOD), N70, 3/4"
  - 7 PROPOSED HOT MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1 1/2"
  - 8 PROPOSED AGGREGATE WEDGE SHOULDER TYPE B
  - 9 PROPOSED STRIP REFLECTIVE CRACK CONTROL



CRYSTAL LAKE AVENUE  
 PROPOSED TYPICAL SECTION  
 STA. 13+48 TO STA. 21+82

\* CURB AND GUTTER AND  
 SIDEWALK LOCATIONS TO BE DETERMINE  
 BY R.E.

HOT-MIX ASPHALT MIXTURE REQUIREMENTS		
MIXTURE TYPE	AC TYPE	AIR VOIDS(%)
IL 31 - PAVEMENT RESURFACING (MAINLINE)		
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90	SBS/SBR PG 70-22	4% @ 90 GYR.
LEVELING BINDER (MM) N70	PG 64-22*	4% @ 70 GYR.
CRYSTAL LAKE AVENUE - PAVEMENT RESURFACING		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	PG 64-22*	4% @ 70 GYR.
LEVELING BINDER (MM), N70	PG 64-22*	4% @ 70 GYR.
PATCHING		
CLASS D PATCHES TYPE II, 11" & 15 1/4", (BINDER IL-19 mm)	PG 64-22*	4% @ 70 GYR.
HMA REPLACEMENT OVER PATCHES (HMA BINDER IL-19 mm)	PG 64-22*	4% @ 70 GYR.

\* WHEN RAP EXCEEDS 20%, THE NEW ASPHALT BINDER IN THE MIX SHALL BE PG 58-22.  
 NOTE: THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURE  
 QUANTITIES IS 112 LBS/SQ YD/IN.

FILE NAME =	USER NAME = banks1	DESIGNED -	REVISED -
ai\projects\dl03408\design\aa.dgn		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

IL. ROUTE 31 @ CRYSTAL LAKE AVENUE  
 EXISTING AND PROPOSED TYPICAL CROSS SECTIONS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	112 R-N-1	McHenry	31	6
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
CONTRACT NO. 60D52				

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