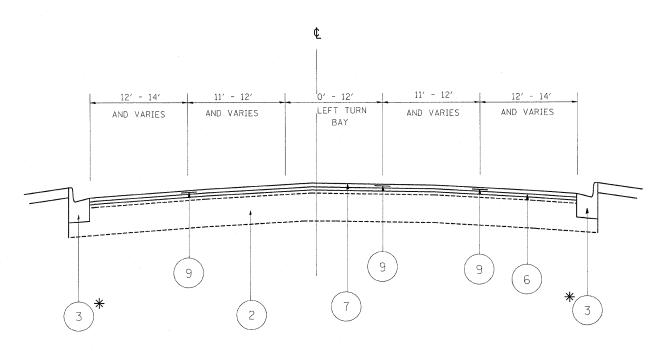


CRYSTAL LAKE AVENUE EXISTING TYPICAL SECTION STA. 13+48 TO STA. 21+82



CRYSTAL LAKE AVENUE

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

PROPOSED TYPICAL SECTION STA. 13+48 TO STA. 21+82

LEGEND

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

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 EXEEDS 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 QUANTATIES IS 112 LBS-SQ YD/IN.

TRANSPORTATION

LE NAME = .	USER NAME = banksl	DESIGNED -	REVISED -	
\projects\d103408\design_aa.dgn		DRAWN -	REVISED -	STATE OF ILLINOIS
	PLOT SCALE = 50.0000 '/ IN.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORT
	PLOT DATE = 11/7/2007	DATE -	REVISED -	

IL. ROUTE	OUTE 31 @ CRYSTAL LAKE AVENUE				F.A.P RTE.	SEC	TION	COUNTY	TOTAL SHEETS	SH		
FXISTING	AND PRO	POSED	TYPI	CAL	CROSS	SECTIONS	336	112	R-N-1	McHenry	31	
LXISTING	AND I NO	0360	1 11 1	- CAL	011000	320110113				CONTRACT	NO. 6	30D
SCALE:	SHEET NO.	OF	SHEETS	STA.		TO STA.	FED. ROAL	D DIST. NO.	ILLINOIS FED. AI	D PROJECT		