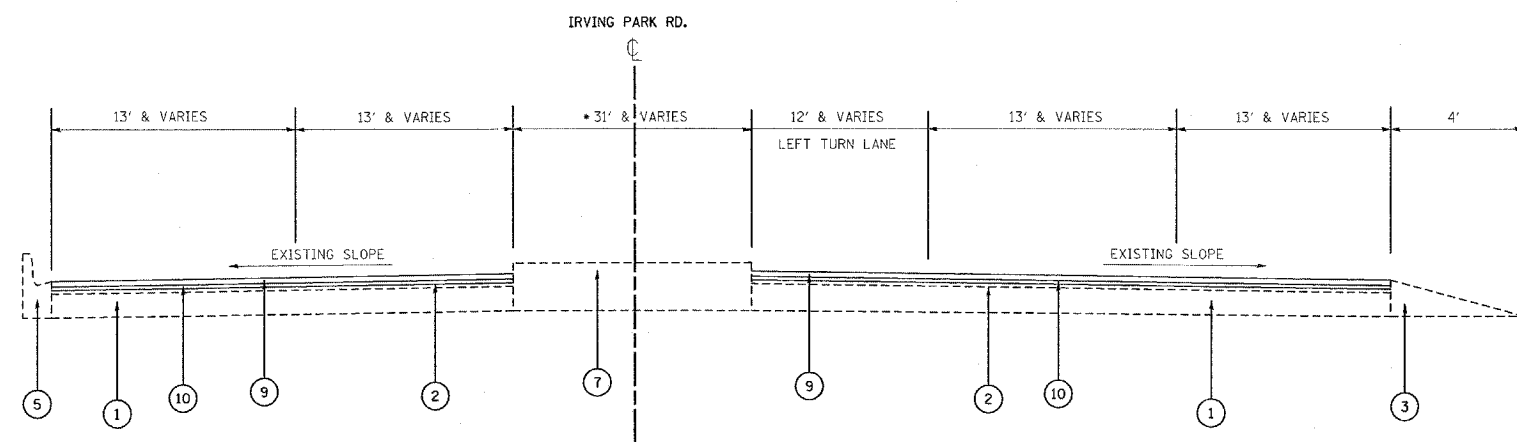


EXISTING TYPICAL CROSS SECTION
 STA. 20+11 TO STA. 25+15
 * STA 22+63 TO STA 25+15

LEGEND

- ① EXISTING P.C.C. PAVEMENT, 10"±
- ② EXISTING HMA SURFACE 3"±
- ③ EXISTING AGGREGATE SHOULDER
- ④ EXISTING HMA SHOULDER
- ⑤ EXISTING COMBINATION CONCRETE CURB AND GUTTER
- ⑥ EXISTING CONCRETE MEDIAN
- ⑦ EXISTING CORRUGATED MEDIAN
- ⑧ PROPOSED HMA SURFACE REMOVAL, 2 1/2"
- ⑨ PROPOSED POLYMERIZED HMA SURFACE COURSE, MIX "F", N90, 1 3/4"
- ⑩ PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"
- ⑪ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B



PROPOSED TYPICAL CROSS SECTION
 STA. 20+11 TO STA. 25+15
 * STA 22+63 TO STA 25+15

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE TYPE	AC TYPE	AIR VOIDS (%)
POLYMERIZED LEVELING BINDER (MM), IL-4.75, N50, 3/4"	SBS/SBR 76-28/-22	4% @ 50 GYR
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F" N90, 1 3/4", (IL-9.5 MM)	SBS/SBR PG 70-22	4% @ 90 GYR
HMA REPLACEMENT OVER PATCHES, BINDER (IL-19.0 MM)	PG 64-22 *	4% @ 70 GYR
CLASS D PATCHES (HMA BINDER IL-19 MM), 10"±	PG 64-22 *	4% @ 70 GYR

THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURE QUANTITIES IS 112 LBS/SY/IN.

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

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 TYPICAL SECTIONS
 ILL 19
 W OF O/HARE CARGO RD. TO
 DES PLAINES RIVER

SCALE: VERT. NONE
 HORIZ.
 DATE 11/5/2007

DRAWN BY C.A.D.D.
 CHECKED BY