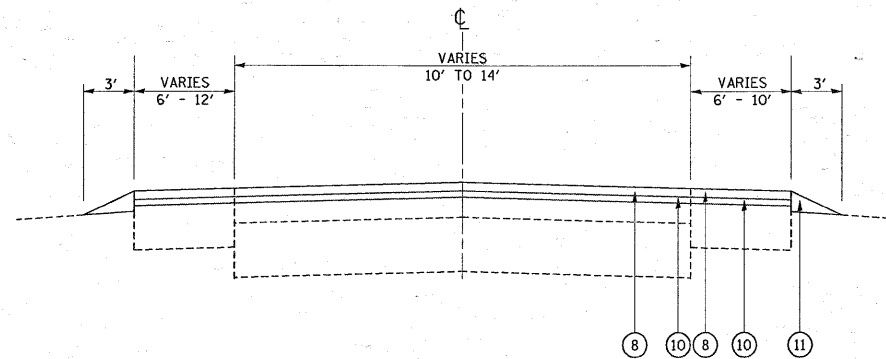
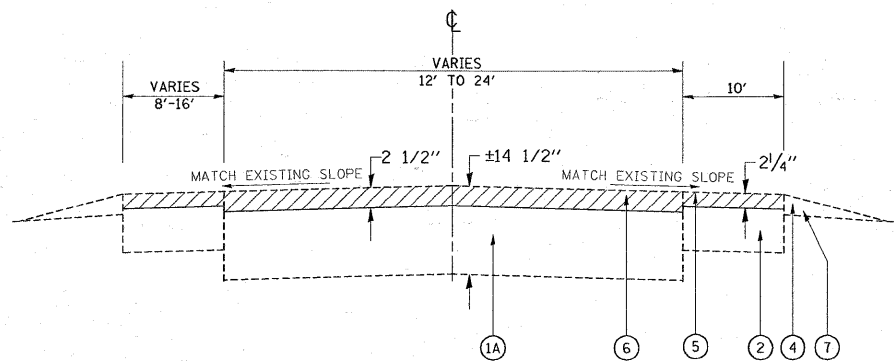


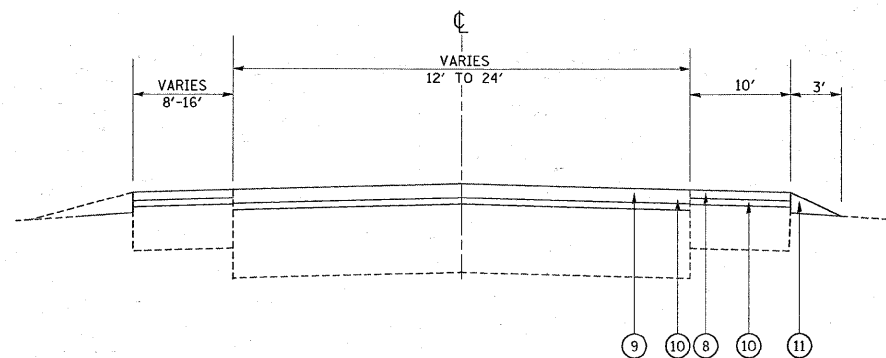
RAMPS A, B, C, D, E, F, G
EXISTING TYPICAL SECTION



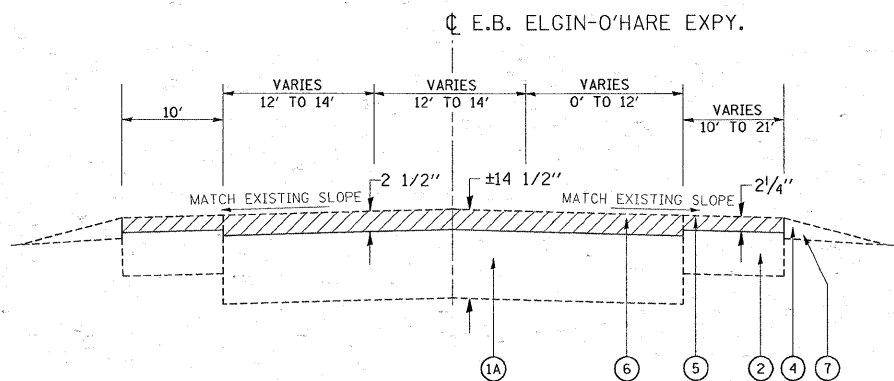
RAMPS A, B, C, D, E, F, G
PROPOSED TYPICAL SECTION



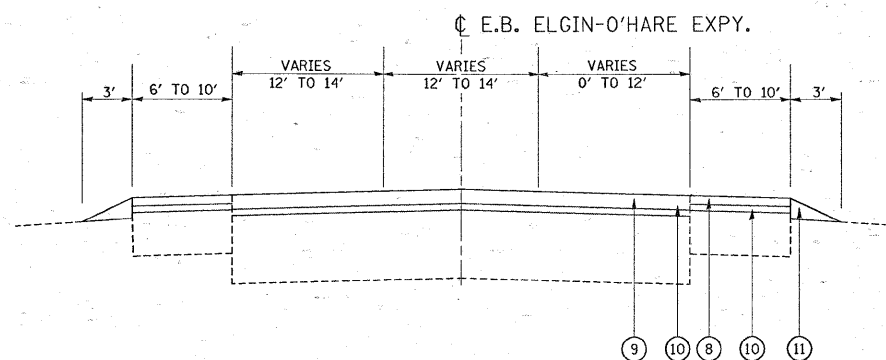
RAMP H
EXISTING TYPICAL SECTION



RAMP H
PROPOSED TYPICAL SECTION



ELGIN-O'HARE EXPY. E.B.
EXISTING TYPICAL SECTION
STA. 19+29 TO STA. 41+14



ELGIN-O'HARE EXPY. E.B.
PROPOSED TYPICAL SECTION
STA. 19+29 TO STA. 41+14

LEGEND

- ① EXISTING P.C.C. BASE COURSE, ±10"
- ①A EXISTING HMA PAVEMENT (FULL DEPTH), ± 14 1/2"
- ② EXISTING HMA SHOULDER, ±10"
- ③ EXISTING HMA SURFACE ±4"
- ④ EXISTING AGGREGATE SHOULDER
- ⑤ PROPOSED HMA SURFACE REMOVAL, 2 1/4 "
- ⑥ PROPOSED HMA SURFACE REMOVAL, 2 1/2 "
- ⑦ PROPOSED GRADING & SHAPING SHOULDERS
- ⑧ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1 1/2"
- ⑨ PROPOSED POLYMERIZED HOT-MIX ASPHALT 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"

NOTE:
PAVEMENT PATCHING SHALL BE DONE PRIOR TO ROADWAY MILLING UNLESS THERE IS 4 1/2" INCHES OR MORE OF HMA MATERIAL ON TOP OF THE EXISTING PAVEMENT OR IF THE PAVEMENT IS FULL DEPTH HMA. SEE DISTRICT DETAIL BD-22.

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

	MIXTURE USE	AC TYPE	AIR VOIDS (%)
ROADWAY	POLYMERIZED LEVELING BINDER (MM), IL-4.75, N50	SBS/SBR 76-28/-22	4% @ 50 GYR
	HOT-MIX ASPHALT SURFACE COURSE, MIX "D" N70 (IL-9.5mm)	PG 64-22	4% @ 70 GYR
	POLYMERIZED HOT-MIX ASPHALT SURF. COURSE, MIX "F" N90 (IL-9.5mm)	SBS/SBR 76-22	4% @ 90 GYR
PATCHES	HOT-MIX ASPHALT REPLACEMENT OVER PATCHES, (HMA BINDER IL-19.0 MM)	PG 64-22*	4% @ 70 GYR
	CLASS D PATCHES, 10", 14 1/2" (HMA BINDER IL-19.0 MM)	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.