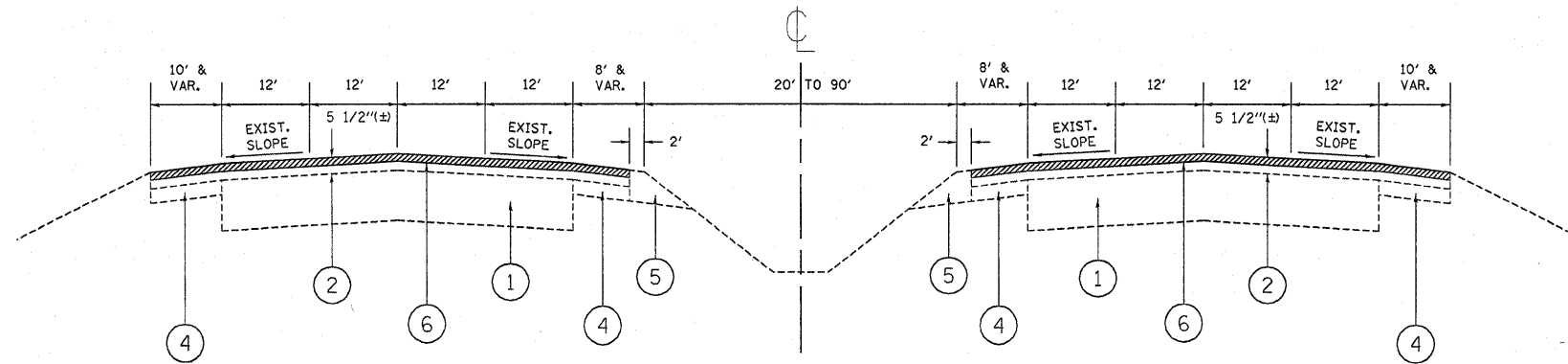


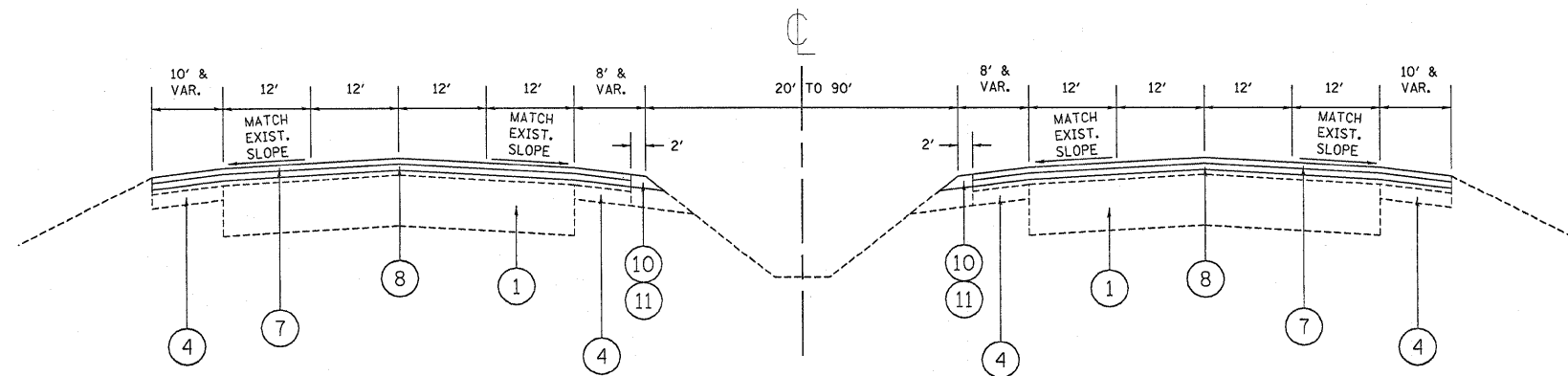
US 12 / IL RTE. 59



EXISTING TYPICAL SECTION
US 12 / IL RTE. 59

STATION:
31+89 to 42+23

US 12 / IL RTE. 59



PROPOSED TYPICAL SECTION
US 12 / IL RTE. 59

STATION:
31+89 to 42+23

LEGEND

- ① EXIST. PCC BASE COURSE, 10"(±)
- ② EXIST. HOT-MIX ASPHALT SURFACE COURSE (BEFORE MILLING), 5 1/2"(±)
- ③ EXIST. CONCRETE CURB AND GUTTER
- ④ EXIST. HOT-MIX ASPHALT SHOULDER 8"
- ⑤ EXIST. AGGREGATE WEDGE SHOULDER
- ⑥ PROP. HOT-MIX ASPHALT SURFACE REMOVAL - 2 1/2" (3" OF HOT-MIX ASPHALT TO REMAIN)
- ⑦ PROP. POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, 1 3/4"
- ⑧ PROP. POLYMERIZED LEVELING BINDER (MM), IL-4.75, N50, 3/4"
- ⑨ PROP. CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT (LOCATIONS TO BE DETERMINED BY THE RESIDENT ENGINEER)
- ⑩ PROP. AGG. WEDGE SHOULDER, TYPE B
- ⑪ PROP. GRADING AND SHAPING SHOULDERS

NOTES:

- 1. MILL EXIST. HOT-MIX ASPHALT SHOULDERS TO SAME DEPTH AS ADJACENT PAVEMENT.
- 2. MILLING OF THE ROADWAY SHALL BE DONE PRIOR TO PAVEMENT PATCHING.

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

	MIXTURE TYPE	AIR VOIDS (%)
ROADWAY & SHOULDER	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, (IL-9.5MM), 1 3/4"	4% @ 90 GYR
	POLYMERIZED LEVELING BINDER (MM), IL-4.75, N50, 3/4"	4% @ 50 GYR
PATCHES	CLASS D PATCHES, (BINDER IL-19.0 MM), 13"	4% @ 70 GYR
DRIVEWAY	HOT-MIX ASPHALT BASE COURSE, (BINDER IL-19.0 MM), 8"	4% @ 50 GYR
	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50, (IL-9.5MM), 2"	4% @ 50 GYR

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

THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 70-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS.

FOR "PERCENT OR RAP" SEE DISTRICT ONE SPECIAL PROVISIONS.