

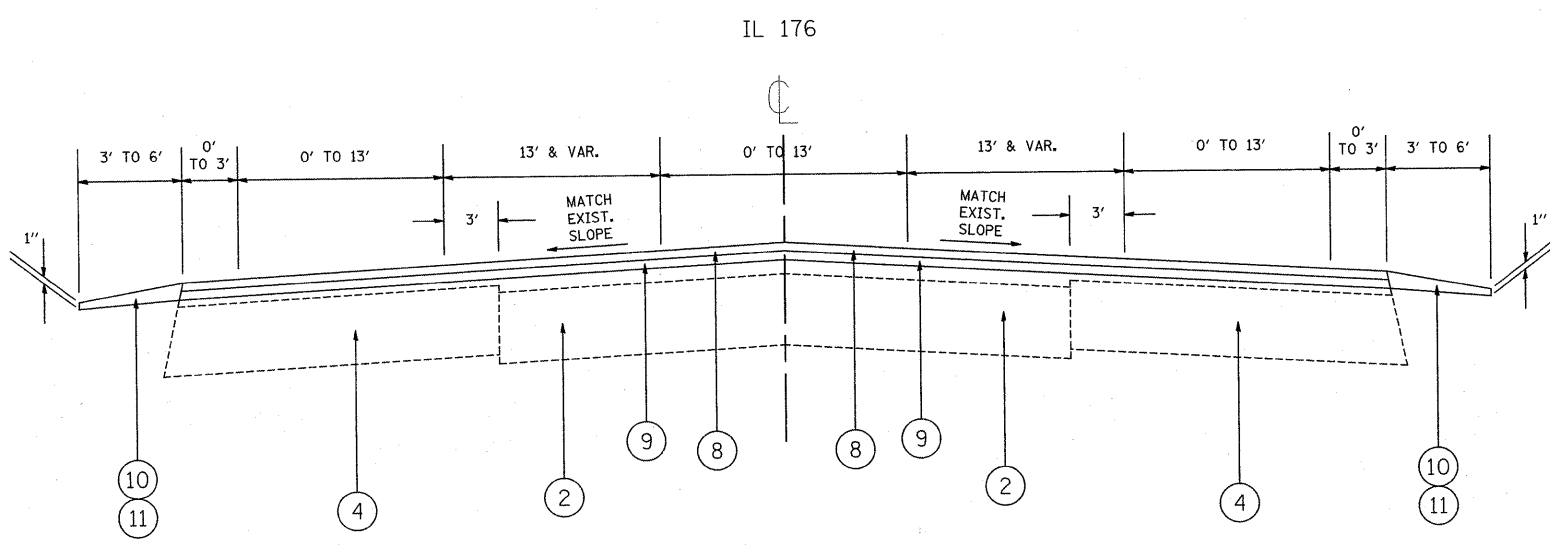
EXISTING TYPICAL SECTION
IL 176
STATION:
8+02 to 67+76

LEGEND

- ① EXIST. HOT-MIX ASPHALT SURFACE COURSE (BEFORE MILLING) 6 1/4" AND VARIES
- ② EXIST. PCC BASE COURSE 9"
- ③ EXIST. PCC BASE COURSE WIDENING 9"
- ④ EXIST. HOT-MIX ASPHALT BASE COURSE WIDENING 9"
- ⑤ EXIST. HOT-MIX ASPHALT SHOULDER 6"
- ⑥ EXIST. AGGREGATE SHOULDER
- ⑦ PROP. HOT-MIX ASPHALT SURFACE REMOVAL - 2 1/4" (4" OF HOT-MIX ASPHALT TO REMAIN)
- ⑧ PROP. HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1 1/2"
- ⑨ PROP. POLYMERIZED LEVELING BINDER (MM), IL-4.75, N50, 3/4"
- ⑩ PROP. AGG. WEDGE SHOULDER, TYPE B
- ⑪ PROP. GRADING AND SHAPING SHOULDERS

NOTES:

- 1. CURB AND GUTTER EXISTS AROUND SIDE STREETS AND MAJOR INTERSECTIONS.
- 2. SEE ROADWAY AND PAVEMENT MARKING PLAN SHEETS FOR LOCATIONS OF LEFT TURN LANES, RIGHT TURN LANES, PAINTED MEDIAN, CURB AND GUTTER AND AGGREGATE AND HMA SHOULDER.
- 3. MILLING OF THE ROADWAY SHALL BE DONE PRIOR TO PAVEMENT PATCHING.



PROPOSED TYPICAL SECTION
IL 176
STATION:
8+02 to 67+76

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

	MIXTURE TYPE	AC TYPE	AIR VOIDS (%)
ROADWAY	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, (IL-9.5MM), 1 1/2"	PG 64-22	4% @ 70 GYR
	POLYMERIZED LEVELING BINDER (MM), IL-4.75, N50, 3/4"	SBS/SBR PG 76-28/-22	4% @ 50 GYR
PATCHES	CLASS D PATCHES, (BINDER IL-19.0 MM), 13"	PG 64-22*	4% @ 70 GYR
DRIVEWAY	HOT-MIX ASPHALT BASE COURSE, (BINDER IL-19.0 MM), 8"	PG 64-22*	4% @ 50 GYR
	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50, (IL-9.5MM), 2"	PG 64-22	4% @ 50 GYR

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

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