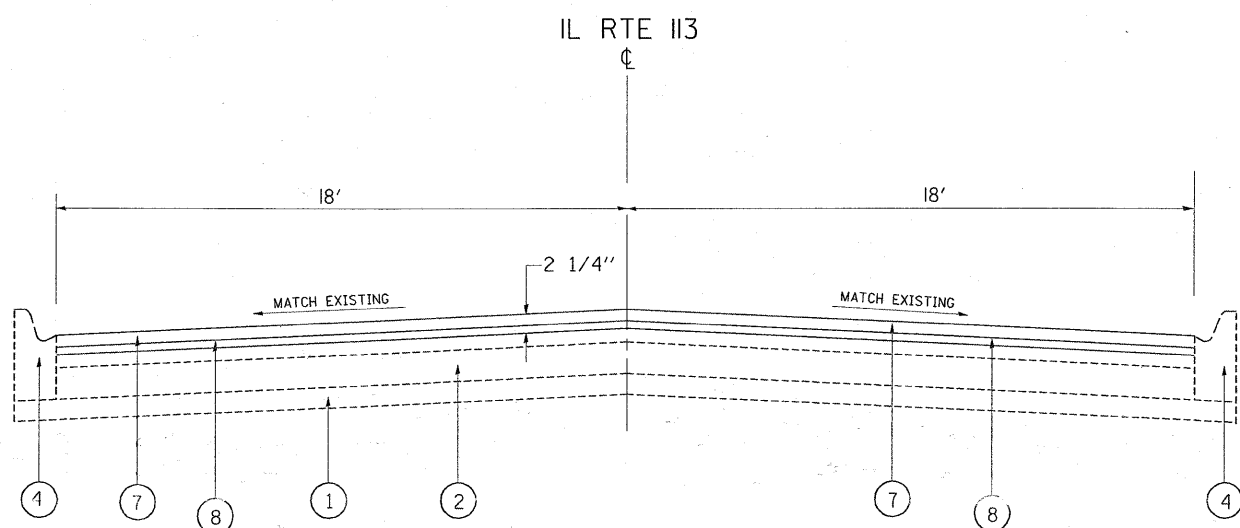


ILLINOIS ROUTE 113
EXISTING TYPICAL SECTION
LOCATION 1
STA. 12+55 TO STA. 17+24



ILLINOIS ROUTE 113
PROPOSED TYPICAL SECTION
LOCATION 1
STA. 12+55 TO STA. 17+24

LEGEND

- ① EXISTING AGGREGATE SUB-BASE
- ② EXISTING BASE COURSE, ±9"
- ③ EXISTING HOT-MIX ASPHALT OVERLAY, ±3"
- ④ EXISTING CONCRETE CURB & GUTTER, TYPE B-6.24
- ⑤ EXISTING AGGREGATE SHOULDER
- ⑥ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL 2 1/4"
- ⑦ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1 1/2 "
- ⑧ PROPOSED POLYMERIZED HOT-MIX ASPHALT LEVELING BINDER, (MM), IL-4.75, N50, 3/4"
- ⑨ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B
- ⑩ PROPOSED GRADING AND SHAPING SHOULDERS

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

	MIXTURE USE	AC TYPE	AIR VOIDS (%)
ROADWAY	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5 MM), 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), 9"	PG 64-22 *	4% @ 70 GYR
	HOT-MIX ASPHALT REPLACEMENT OVER PATCHES, (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

NOTE:
PAVEMENT PATCHING SHALL BE DONE PRIOR TO ROADWAY MILLING.
SEE DISTRICT DETAIL BD-22.