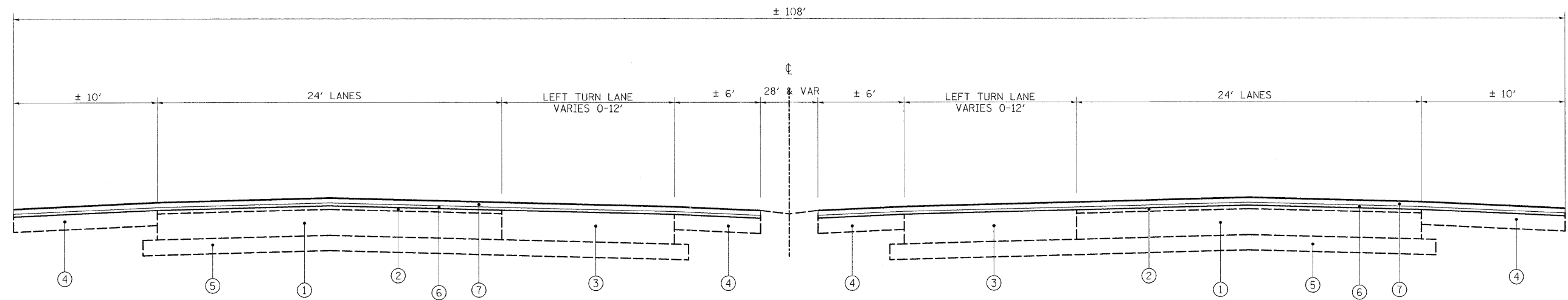


EXISTING TYPICAL SECTION RAND ROAD



PROPOSED TYPICAL SECTION RAND ROAD

HOT-MIX ASPHALT MIXTURE

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

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

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

LEGEND

- ① EXISTING PCC PAVEMENT, ±10"
- ② EXISTING HOT-MIX ASPHALT PAVEMENT, ±4" (BEFORE SURFACE REMOVAL)
- ③ EXISTING HOT-MIX ASPHALT PAVEMENT, ±14" (BEFORE SURFACE REMOVAL)
- ④ EXISTING HOT-MIX ASPHALT SHOULDER, ±8" (BEFORE SURFACE REMOVAL)
- ⑤ EXISTING AGGREGATE BASE COURSE
- ⑥ PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"
- ⑦ PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, "MIX F", N90, 1 3/4"

PLOT DATE = 4/20/2009
 FILE NAME = K:\11225514 Rand Road North\Rand Road North\Typical Sections.dgn
 PLOT SCALE = 1/4"
 MODEL NAME = Typical Section
 MODEL = Typical Section



200 West Front Street
Wheaton, IL 60187

DESIGNED - BLB	REVISED -
DRAWN - JMT	REVISED -
CHECKED - MAK	REVISED -
DATE - 4/20/2009 4:02:04	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**US RTE 12 /IL RTE 59
(RAND ROAD)**

**EXISTING & PROPOSED
TYPICAL SECTIONS**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	OR-RS-3	LAKE	25	4
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO.60H23	

SCALE: SHEET NO. 4 OF 25 SHEETS STA. TO STA.