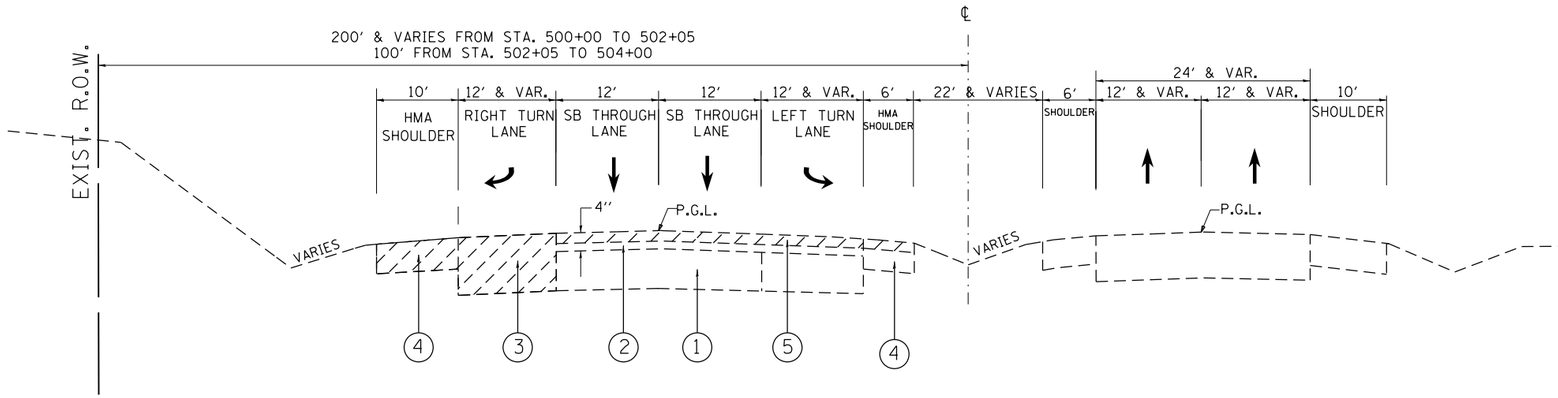
U.S. 12/ IL 59 (RAND RD.)



EXISTING TYPICAL SECTION
U.S. 12/ IL 59 (RAND RD)
STA 498+48 TO STA 506+00

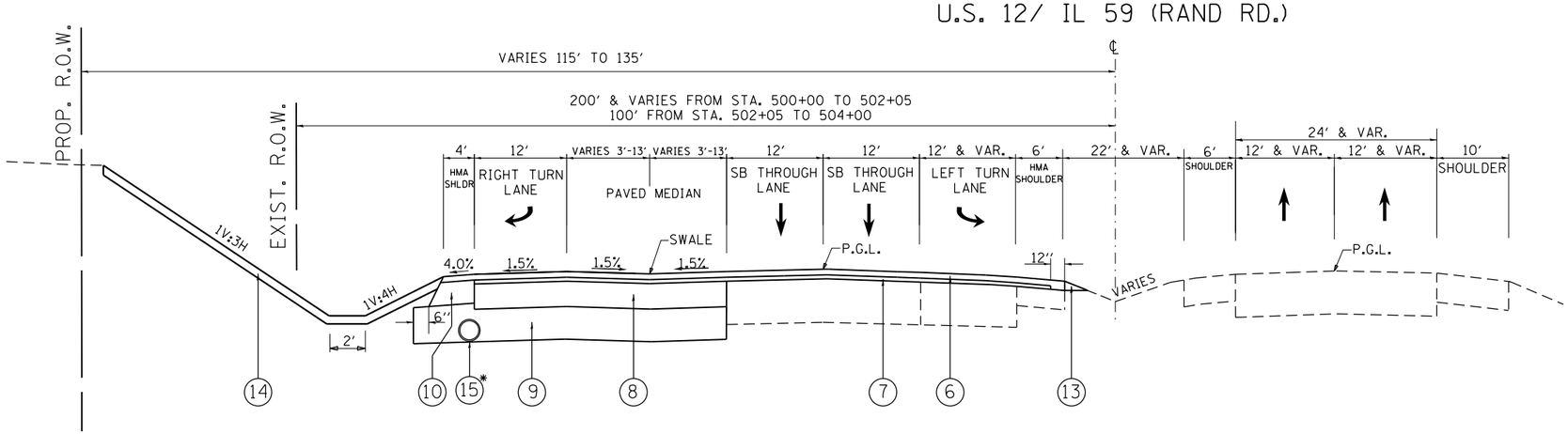
LEGEND

1. EXISTING P.C.C. PAVEMENT, ± 10′
2. EXISTING HMA SURFACE AFTER MILLING, 1½″
3. EXISTING HMA BASE COURSE WIDENING
4. EXISTING HMA SHOULDER
5. PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 2½″
6. PROPOSED HOT-MIX ASPHALT SURFACE COURSE MIX ″D″, N70, 1½″
7. PROPOSED POLYMERIZED HOT-MIX ASPHALT LEVELING BINDER (MACHINE METHOD) IL-4.75, N50, 1″
8. PROPOSED HOT-MIX ASPHALT BASE COURSE, 8¼″
9. PROPOSED AGGREGATE SUBGRADE IMPROVEMENT, 12″
10. PROPOSED HOT-MIX ASPHALT SHOULDER, 8″
11. PROPOSED HMA SURFACE COURSE, MIX ″D″, N50, 2″
12. PROPOSED HOT-MIX ASPHALT BASE COURSE, 8″
13. PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B
14. PROPOSED TOPSOIL, 6″
15. PROPOSED PIPE UNDERDRAIN, 4″

REMOVAL ITEMS

CONTRACTOR SHALL PATCH FIRST BEFORE MILLING

U.S. 12/ IL 59 (RAND RD.)



PROPOSED TYPICAL SECTION
U.S. 12/ IL 59 (RAND RD.)
STA 498+48 TO STA 506+00

* PIPE UNDERDRAIN, 4″
STA 501+00 TO STA 503+00

HOT-MIX ASPHALT MIXTURE REQUIREMENTS	
MIXTURE TYPE	**AIR VOIDS Ndes**
PAVEMENT WIDENING (US 12/ IL 59)	
HOT-MIX ASPHALT SURFACE COURSE, MIX ″D″, N70 (IL-9.5 mm); 1½″	4% @ 70 GYR.
POLYMERIZED HOT-MIX ASPHALT LEVELING BINDER (MM) IL-4.75, N50, 1″	3.5% @ 50 GYR.
HMA BASE COURSE (HMA BINDER IL-19 mm), 8¼″ (2 LIFTS)	4% @ 50 GYR.
NEW DRIVEWAY	
HOT-MIX ASPHALT SURFACE COURSE, MIX ″D″, N50 (IL-9.5 mm); 2″	4% @ 50 GYR.
HMA BASE COURSE (HMA BINDER IL-19 mm), 8″ (2 LIFTS)	4% @ 50 GYR.
PAVEMENT RESURFACING	
HOT-MIX ASPHALT SURFACE COURSE, MIX ″D″, N70 (IL-9.5 mm); 1½″	4% @ 70 GYR.
POLYMERIZED HOT-MIX ASPHALT LEVELING BINDER (MM) IL-4.75, N50, 1″	3.5% @ 50 GYR.
SHOULDER WIDENING	
HOT-MIX ASPHALT SURFACE COURSE, MIX ″D″, N70 (IL-9.5 mm); 1½″	4% @ 70 GYR.
HOT-MIX ASPHALT SHOULDER, (HMA BINDER IL-19 mm), 6½″	4% @ 50 GYR.
TEMPORARY PAVEMENT	
HOT-MIX ASPHALT TEMP PVMT, (HMA BINDER IL-19 mm), 6″	4% @ 50 GYR.
PATCHING	
CLASS D PATCHES (HMA BINDER IL-19 mm)	4% @ 70 GYR.
HMA REPLACEMENT OVER PATCHES (HMA BINDER IL-19 mm)	4% @ 70 GYR.

- THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURES IS 112 LBS/SQ.YD./IN
- THE ″AC TYPE″ FOR POLYMERIZED HMA MIXES SHALL BE ″SBS/SBR PG 76-22″ AND FOR NON-POLYMERIZED HMA THE ″AC TYPE″ SHALL BE PG 64-22″ UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS. FOR USE OF RECYCLED MATERIALS SEE SPECIAL PROVISIONS.

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	PLOT SCALE = 100.0000 ′ / in.	CHECKED -	REVISED -
$MODELNAME$	PLOT DATE = 10/19/2012	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING AND PROPOSED TYPICAL SECTION
US 12/IL 59 AT FOX LAKE RD.

SCALE: | SHEET OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	106N-1	LAKE	39	6
		CONTRACT NO. 60T50		
	ILLINOIS FED. AID PROJECT			