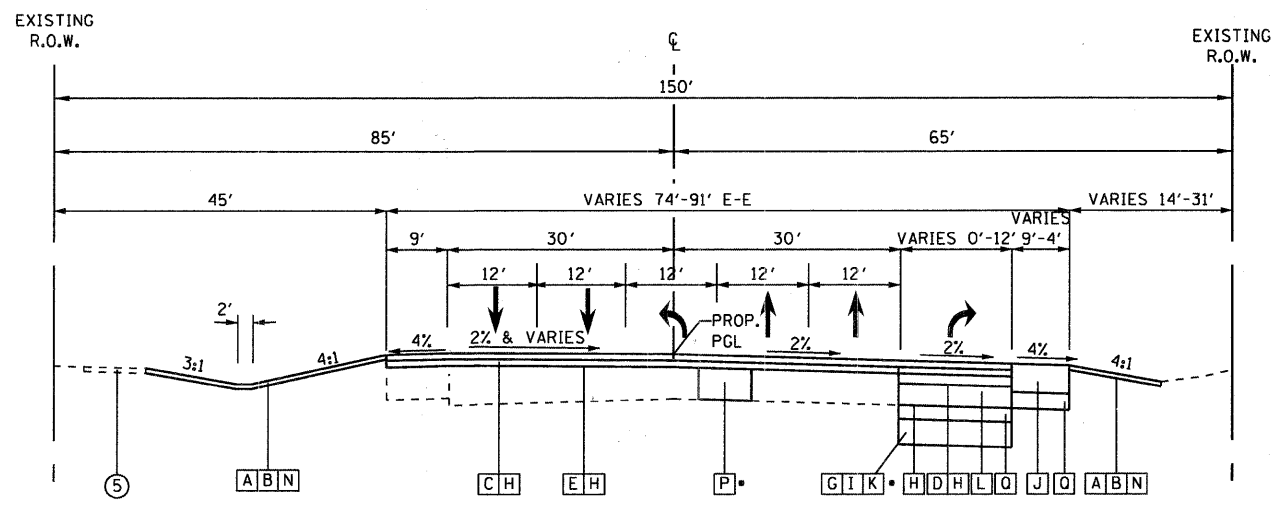
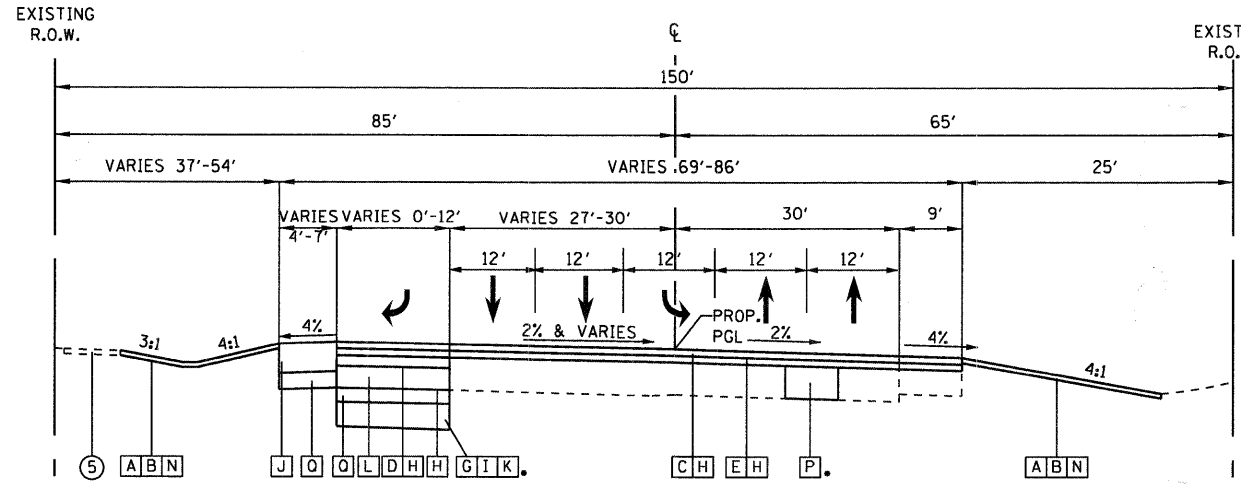


EXISTING TYPICAL SECTION
RANDALL ROAD
STA. 9+16 TO STA. 18+83



PROPOSED TYPICAL SECTION
RANDALL ROAD
STA. 9+16 TO STA. 14+00



PROPOSED TYPICAL SECTION
RANDALL ROAD
STA. 14+00 TO STA. 18+83

EXISTING CONDITIONS

- ① EXISTING HOT-MIX ASPHALT SURFACE, 4"-6"
- ② EXISTING HOT-MIX ASPHALT BASE, 10"
- ③ EXISTING HOT-MIX ASPHALT SHOULDER, 8" (TO BE PAID FOR AS PAVEMENT REMOVAL)
- ④ HOT-MIX ASPHALT SURFACE REMOVAL 2 1/2"
- ⑤ EXISTING HOT-MIX ASPHALT BIKE PATH

PROPOSED CONDITIONS

- A SEEDING, CLASS 2A
- B TOPSOIL, FURNISH AND PLACE, (4")
- C POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, 1 3/4"
- D POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90, 2 1/4"
- E POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"
- F AGGREGATE SUBGRADE, 12"
- G POROUS GRANULAR EMBANKMENT, SUBGRADE*
- H BITUMINOUS MATERIAL (PRIME COAT) & AGGREGATE (PRIME COAT)
- I GEOTECHNICAL FABRIC FOR GROUND STABILIZATION*
- J HOT-MIX ASPHALT SHOULDER, 8"
- K REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL
- L HOT-MIX ASPHALT BASE COURSE WIDENING, 9"
- N EROSION CONTROL BLANKET
- P CLASS D PATCH, TYPE II-III, 10" (AT LOCATIONS AS DIRECTED BY THE ENGINEER)
- Q SUBBASE GRANULAR MATERIAL, TYPE B 4"

NOTES

- * AT LOCATIONS IN THE FIELD DETERMINED BY THE ENGINEER CONTRACTOR SHALL MILL BEFORE PATCHING
- ** REMOVAL FROM STA. 9+16 TO STA. 14+00
- *** REMOVAL FROM STA. 14+00 TO STA 18+84

MIXTURE DESIGN TABLE

OPERATION	LOCATION	MIXTURE TYPE	AIR VOIDS @ Ndes.
ROADWAY RESURFACING	BOLCUM/RIDGEWOOD	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, (IL-9.5mm) 1 1/2" POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75mm, N50, 3/4"	4% @ 50 GYR. 4% @ 50 GYR.
	RANDALL	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, (IL-9.5mm) 1 3/4" POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75mm, N50, 3/4"	4% @ 90 GYR. 4% @ 50 GYR.
PAVEMENT WIDENING	BOLCUM/RIDGEWOOD	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, (IL-9.5mm) 1 1/2" HOT-MIX ASPHALT BINDER COURSE, IL-19.0mm, N50, 2 1/4" HOT-MIX ASPHALT BASE COURSE WIDENING, 7" (HMA BINDER IL-19.0mm)	4% @ 50 GYR. 4% @ 50 GYR. 4% @ 50 GYR. (IN 3 LIFTS)
	RANDALL	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, (IL-9.5mm) 1 3/4" POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0mm, N90, 2 1/4" HOT-MIX ASPHALT BASE COURSE WIDENING, 9" (HMA BINDER IL-19.0mm)	4% @ 90 GYR. 4% @ 90 GYR. 4% @ 90 GYR. (IN 3 LIFTS)
SHOULDERS	ALL	HOT-MIX ASPHALT SHOULDER (HOT-MIX ASPHALT BINDER IL-19.0mm), 8"	2% @ 30 GYR. (IN 3 LIFTS)
PAVEMENT PATCHING	ALL	CLASS D PATCHES (HOT-MIX ASPHALT BINDER IL-19.0mm), 10"	4% @ 70 GYR. (IN 3 LIFTS)
DRIVEWAY PAVEMENT	ALL	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50, (IL-9.5mm), 2" HOT-MIX ASPHALT BASE COURSE (HOT-MIX ASPHALT BINDER IL-19.0mm), 8"	4% @ 50 GYR. 4% @ 50 GYR. (IN 3 LIFTS)

THE UNIT WEIGHT USED TO CALCULATE ALL HMA 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 THE DISTRICT ONE SPECIAL PROVISION. FOR "PERCENT OF RAP" SEE DISTRICT ONE SPECIAL PROVISION

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USER NAME = espino	DESIGNED - CLG	REVISED -
PLOT SCALE = 20.0000' / IN.	DRAWN - EPS	REVISED -
PLOT DATE = 12/20/2010	CHECKED - MJL	REVISED -
	DATE - 12-20-2010	REVISED -

KANE COUNTY DIVISION OF TRANSPORTATION

TYPICAL SECTIONS			
SCALE: 1" = 20'	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.P. RTE. 336	SECTION 04-00325-00-TL	COUNTY KANE	TOTAL SHEETS 54	SHEET NO. 6
CONTRACT NO. 63547				
FED. ROAD DIST. NO. 1 (ILLINOIS) FED. AID PROJECT				