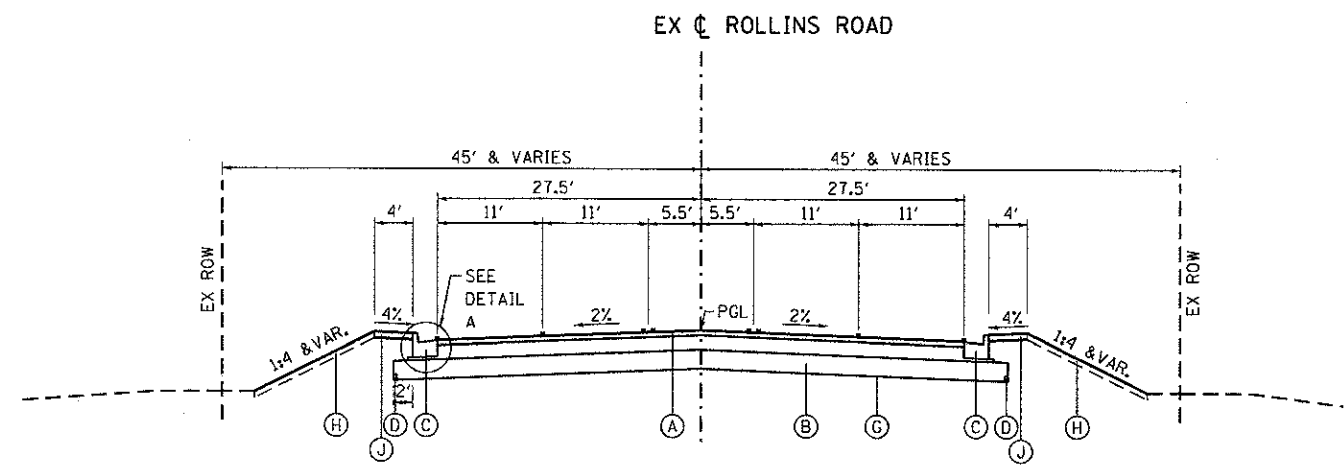
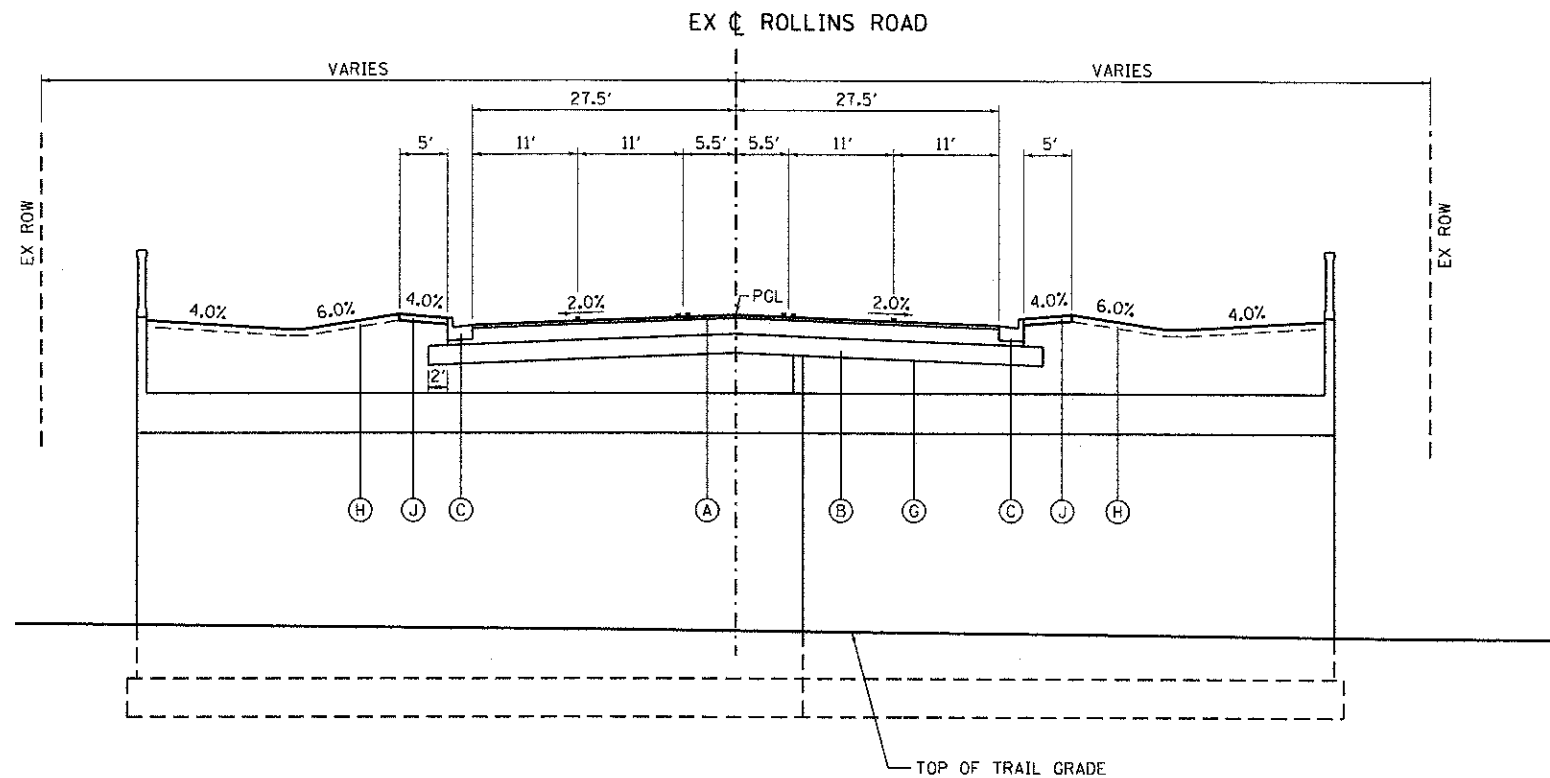


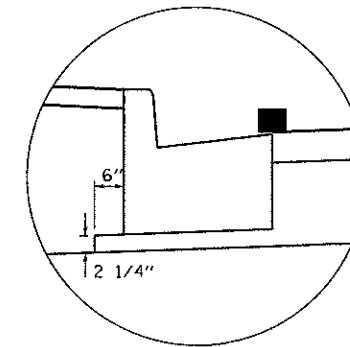
PROPOSED TYPICAL SECTION
STA 352+90.00 TO STA 367+29.00 - ROLLINS RD



PROPOSED TYPICAL SECTION
STA 367+29.00 TO STA 368+00.75 - ROLLINS RD
STA 368+21.25 TO STA 369+05.00 - ROLLINS RD



PROPOSED TYPICAL SECTION AT UNDERPASS
STA 368+00.75 TO STA 368+21.25 - ROLLINS RD



DETAIL A

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

OPERATION	MIXTURE TYPE	AIR VOIDS @ Ndes
ROADWAY RECONSTRUCTION	HOT-MIX ASPHALT PAVEMENT, (FULL DEPTH), 12" HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL-9.5mm), 2" HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 10" (IN 3 LIFTS)	4% @ 70 Gyr. 4% @ 70 Gyr.
BIKE PATH MILLENNIUM TRAIL	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL-9.5 mm), 3"	4% @ 50 Gyr.
TEMPORARY PAVEMENT, 8"	TEMP PAVEMENT (HMA BINDER COURSE, IL 19.0 mm), 8" (IN 3 LIFTS)	
ROADWAY RESURFACING	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL-9.5), 2"	4% @ 70 Gyr.
SHOULDER STABILIZATION	HOT-MIX ASPHALT SHOULDERS, 4" HOT-MIX ASPHALT SHOULDER (HMA BINDER IL-19mm), 4"	4% @ 50 Gyr.

NOTE:

THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURE IS 112 LBS/SQYD/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 "PERCENT OF RAP" SEE SPECIAL PROVISIONS.
PC CONCRETE TEMPORARY PAVEMENT SHALL CONSIST OF CLASS PV CONCRETE MEETING THE REQUIREMENTS OF ART. 1020 OF THE STANDARD SPECIFICATIONS.

EXISTING LEGEND

- ① HOT-MIX ASPHALT SURFACE COURSE, 2" +/-
- ② HOT-MIX ASPHALT BINDER COURSE, 10" +/-
- ③ AGGREGATE SUB-BASE, 12" +/-
- ④ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- ⑤ PIPE UNDERDRAIN 4"
- ⑥ HOT-MIX ASPHALT SHOULDER, 4" +/-
- ⑦ AGGREGATE SHOULDER, 6" +/-
- ⊗ PAVEMENT REMOVAL
- ▨ PAVED SHOULDER REMOVAL
- ▤ HOT-MIX ASPHALT SURFACE REMOVAL, 2"
- ▥ COMBINATION CURB AND GUTTER REMOVAL

PROPOSED LEGEND

- (A) HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 12" (2" SURFACE, 10" BINDER)
- (B) AGGREGATE SUBGRADE IMPROVEMENT, 12"
- (C) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- (D) PIPE UNDERDRAIN 4"
- (E) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 3"
- (F) AGGREGATE BASE COURSE, TYPE B, 6"
- (G) GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
- (H) TOPSOIL EXCAVATION AND PLACEMENT (4" MINIMUM)
- (I) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
- (J) HOT-MIX ASPHALT SHOULDER, 4"
- (K) AGGREGATE SHOULDER TYPE B, 6"
- (L) AGGREGATE SURFACE COURSE, TYPE B SPECIAL (5" CA-6 OVER 3" FA-21)

FILE NAME: h:\p\0220087\01\Rollins\Design\Typical\Sections\0220087_01-Typical.dwg

USER NAME = jkellman	DESIGNED -	REVISED -
PLDT SCALE = 20.0000' / 1"	DRAWN -	REVISED -
PLDT DATE = 4/8/2013	CHECKED -	REVISED -
	DATE -	REVISED -

TYPICAL SECTIONS ROLLINS ROAD UNDERPASS	
SCALE:	SHEET NO. OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
181	12-F3000-01-BT	LAKE	118	11
CONTRACT NO. 63807				
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT				