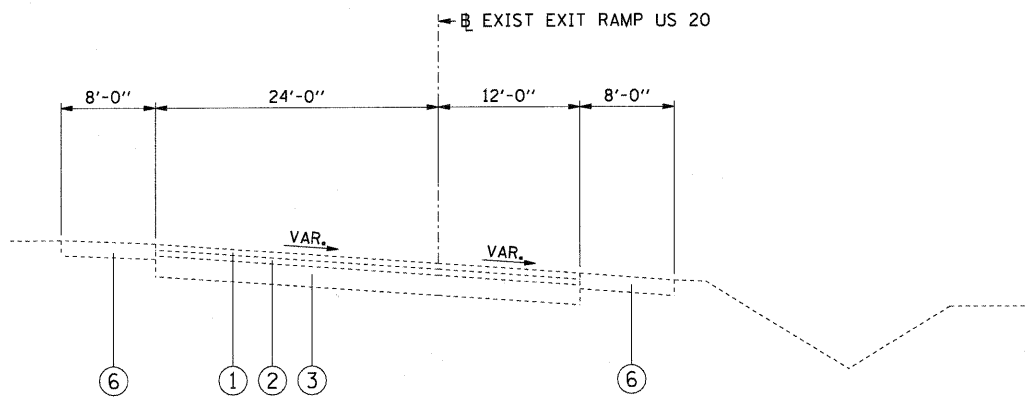


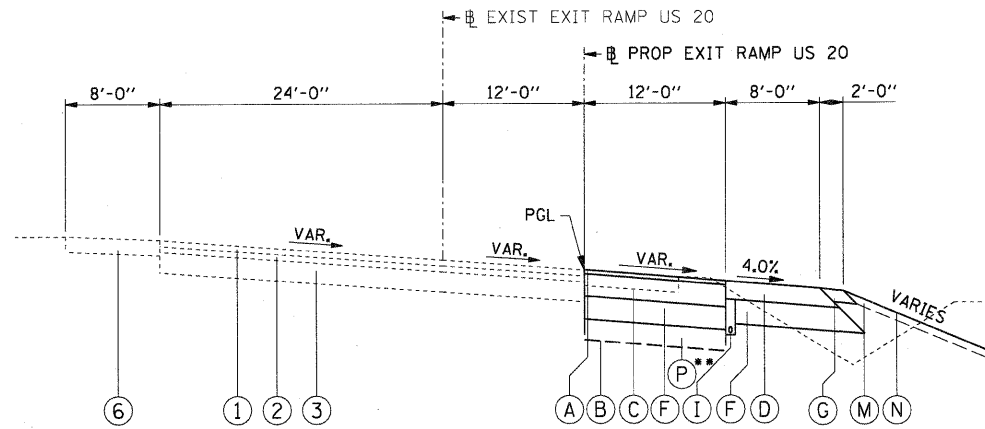
DATE	
BY	
PLAN	
REVISIONS	
NO. 1	
NO. 2	
NO. 3	
NO. 4	
NO. 5	
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NO. 8	
NO. 9	
NO. 10	

DATE	
BY	
PROFILE	
REVISIONS	
NO. 1	
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NO. 10	



EXISTING TYPICAL SECTION

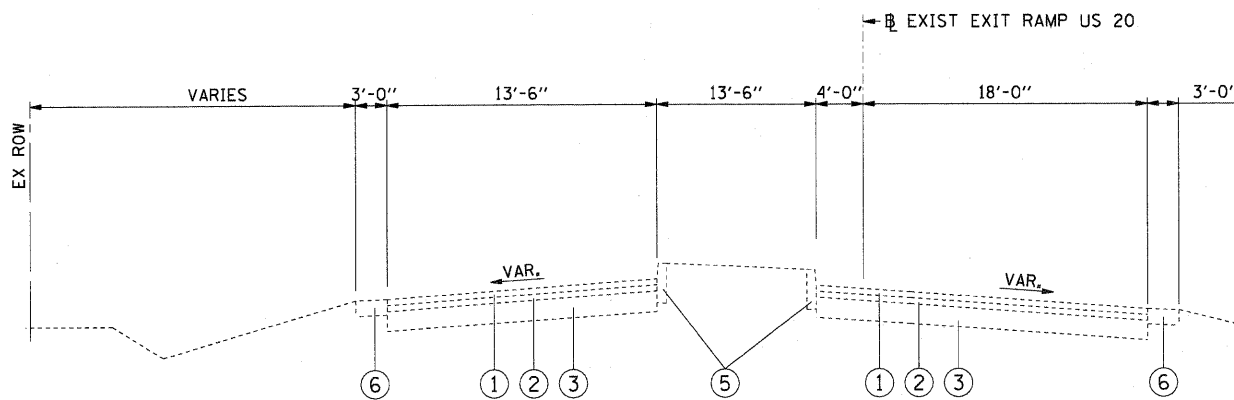
STA. 2097+09.42 TO STA. 2102+25.72 (EXIT RAMP US 20)



PROPOSED TYPICAL SECTION

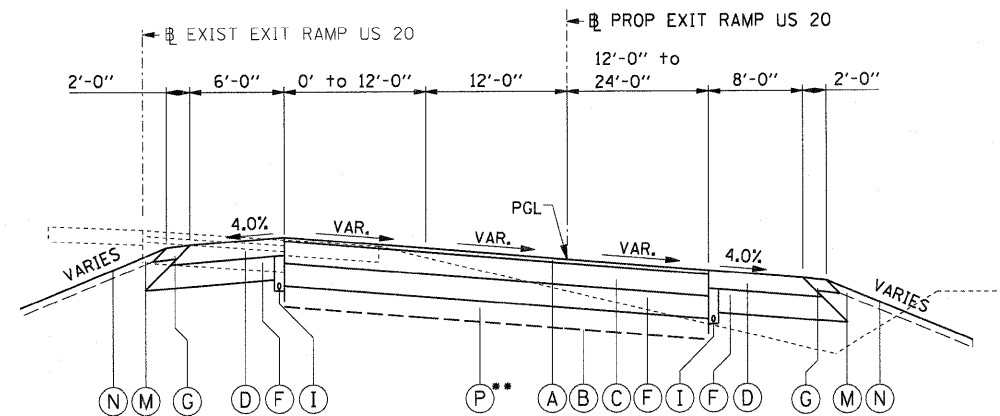
STA. 2097+09.42 TO STA. 2102+25.72 (EXIT RAMP US 20)

(P)** TO BE DETERMINED BY THE ENGINEER



EXISTING TYPICAL SECTION

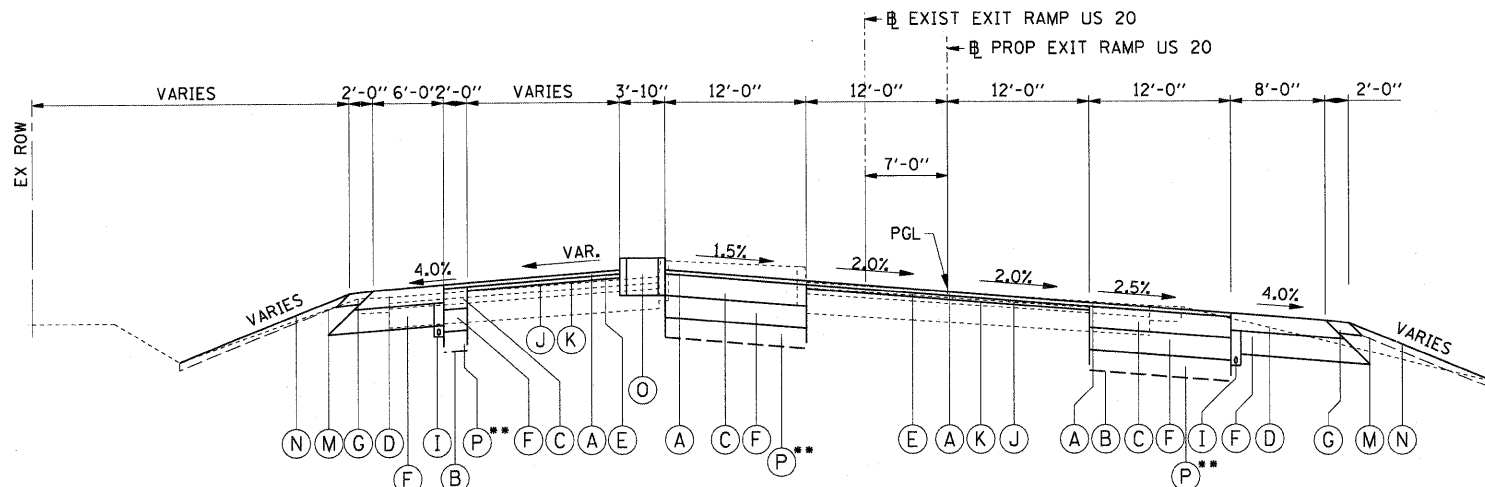
STA. 2107+93.80 TO STA. 2109+00.00 (EXIT RAMP US 20)



PROPOSED TYPICAL SECTION

STA. 2102+25.72 TO STA. 2107+93.80 (EXIT RAMP US 20)

(P)** TO BE DETERMINED BY THE ENGINEER



PROPOSED TYPICAL SECTION

STA. 2107+93.80 TO STA. 2109+00.00 (EXIT RAMP US 20)

(P)** TO BE DETERMINED BY THE ENGINEER

EXISTING LEGEND

- ① EXISTING HMA SURFACE 1 1/2" - 2"
- ② EXISTING HMA BINDER 2 1/2"
- ③ EXISTING HMA BASE 10.25"
- ④ BITUMINOUS SHOULDER 10"
- ⑤ EXISTING COMB CONC. CURB AND GUTTER, TYPE B-6.24
- ⑥ AGGREGATE SHOULDER

PROPOSED LEGEND

- A POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, 2"
- B GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
- C HOT-MIX ASPHALT BASE COURSE WIDENING, 9 1/4" / HOT-MIX ASPHALT BASE COURSE, 9 1/4"
- D HOT-MIX ASPHALT SHOULDERS, 8"
- E HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 2 1/4" & VARIES
- F AGGREGATE SUBGRADE, 12"
- G AGGREGATE SHOULDER, TYPE B 6"
- H COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- I PIPE UNDERDRAINS, FABRIC LINED TRENCH 4"
- J SURFACE REMOVAL, VARIABLE DEPTH (SPECIAL) (3/4" MIN. & VARIES)
- K LEVELING BINDER (MACHINE METHOD), N70 (0" - 2 1/4" MAX.)
- L NOT USED
- M TOPSOIL FURNISH AND PLACE, 4"
- N SEEDING, CLASS 2A
- O PC CONCRETE ISLANDS AND MEDIANS
- P POROUS GRANULAR EMBANKMENT, SUBGRADE/REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL

HMA MIXTURE REQUIREMENTS

MIXTURE TYPE	AIR VOIDS @ NDES
PAVEMENT WIDENING / RECONSTRUCTION	
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, 2"	4% @ 90 GYR.
HOT-MIX ASPHALT BASE COURSE WIDENING, 9 1/4" (POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL- 19.0, N90, 2")	4% @ 90 GYR.
(HOT-MIX ASPHALT BINDER COURSE, IL- 19.0, N90, 7 1/4")	4% @ 90 GYR. (IN 3 LIFTS)
HOT-MIX ASPHALT BASE COURSE, 9 1/4" (POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL- 19.0, N90, 2")	4% @ 90 GYR.
(HOT-MIX ASPHALT BINDER COURSE, IL- 19.0, N90, 7 1/4")	4% @ 90 GYR. (IN 3 LIFTS)
PAVEMENT RESURFACING	
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, 2"	4% @ 90 GYR.
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 2 1/4" & VARIES	4% @ 70 GYR.
LEVELING BINDER (MACHINE METHOD), N70 (0" MIN. - 2 1/4" MAX.)	4% @ 70 GYR.
HMA SHOULDERS	
HOT-MIX ASPHALT SHOULDERS, 8" (HOT-MIX ASPHALT BINDER COURSE IL-19.0)	4% @ 50 GYR. (IN 3 LIFTS)
TEMPORARY PAVEMENT	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D" N50 (IL-9.5 MM), 2"	4% @ 50 GYR.
HOT-MIX ASPHALT BINDER COURSE, IL-19.0 MM, N50, 4"	4% @ 50 GYR.

NOTES FOR HMA MIXTURE REQUIREMENTS:

1. THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.
2. THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 70-22", AND FOR NON-POLYMERIZED HMA, THE "TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS. FOR "PERCENT OF RAP", SEE DISTRICT ONE SPECIAL PROVISIONS.

FILE NAME = D:\157207-SHT-TYP-01.DGN

USER NAME = melopez
 PLOT SCALE = #SCALE#
 PLOT DATE = 10/24/2011

DESIGNED - ML
 DRAWN - BH
 CHECKED - DW
 DATE - 04-04-11

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**RANDALL ROAD AT US ROUTE 20 (FOOTHILL ROAD)
 TYPICAL SECTIONS**

SCALE: NTS SHEET NO. 1 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00345-00-CH	KANE	92	9
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 63623	