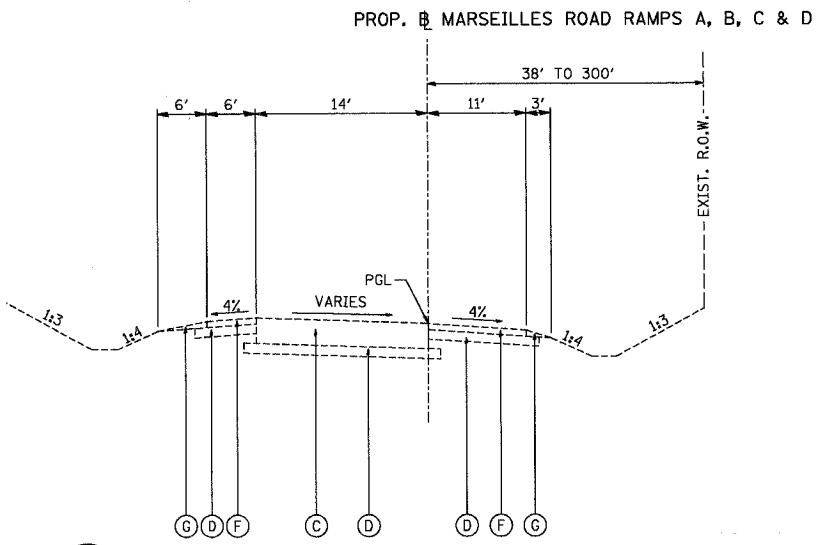
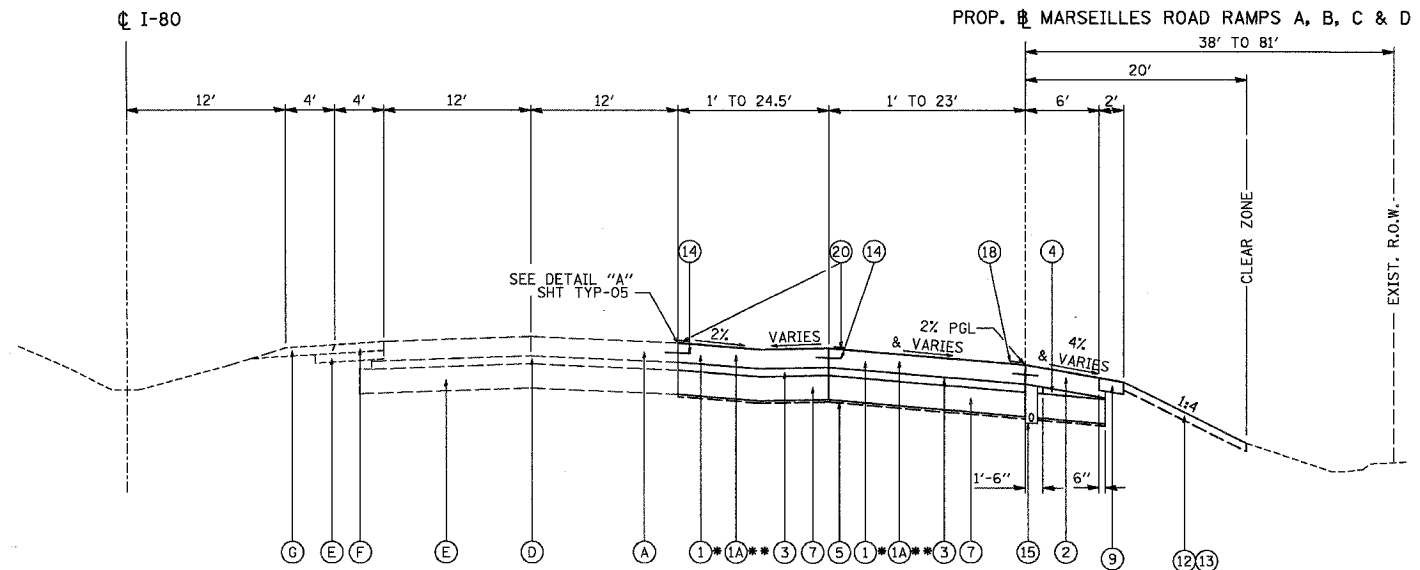


F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(50-5) HBK-2	LASALLE	331	9
STA. TO STA.				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



E-R1 EXISTING MARSEILLES ROAD RAMPS A, B, C & D



P-R1

****CRC PAVEMENT LIMITS**
 RAMP A: STA. 213+50.34 TO STA. 225+56.91
 RAMP B: STA. 300+18.96 TO STA. 305+00.33
 RAMP C: STA. 400+16.91 TO STA. 404+97.26
 RAMP D: STA. 513+93.00 TO STA. 526.09.75

***JOINTED PCC PAVEMENT LIMITS**
 RAMP A: STA. 210+31.81 TO STA. 213+50.34
 RAMP B: STA. 305+00.33 TO STA. 307+51.71
 RAMP C: STA. 404+97.26 TO STA. 407+49.71
 RAMP D: STA. 510+71.74 TO STA. 513+93.00

RAMP A - D

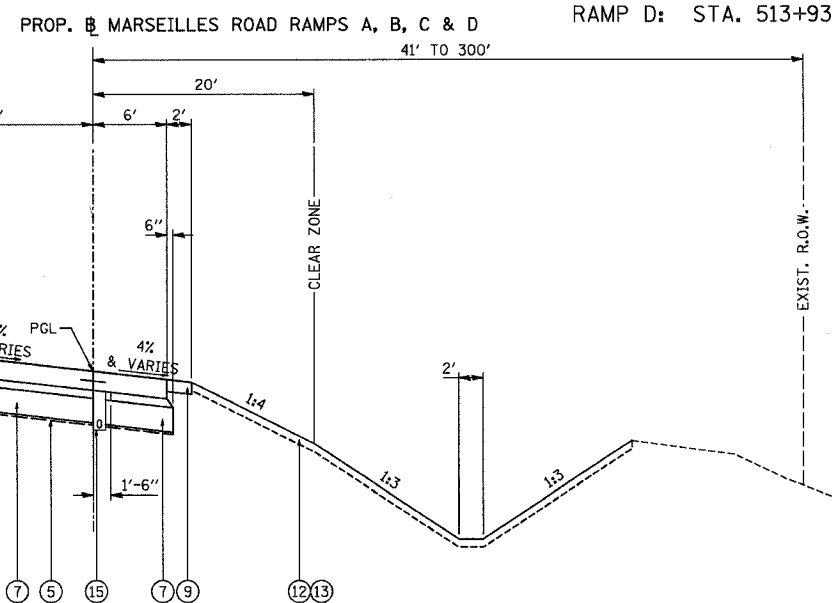
STRUCTURAL DESIGN TRAFFIC (A; B; C; D): Year 2026
 PV = 90.6%; 87.6%; 91.3%; 89.9%
 SU = 4.6%; 4.7%; 3.9% 2.9%
 MU = 4.6%; 7.7%; 4.8%; 7.2%

ROADSTREET CLASSIFICATION: Class INT. RAMP

PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:
 P = 100% S = 100% M = 100%

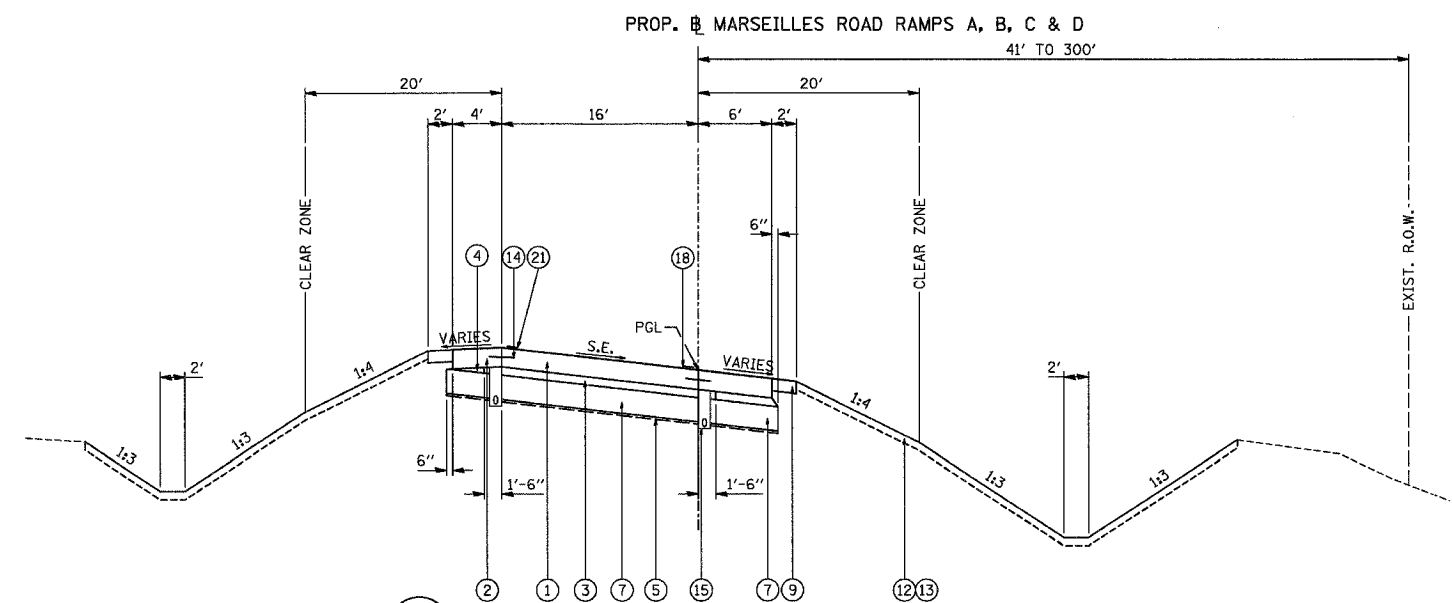
TR. FACTOR RAMP A: Actual TF = 7.7 Minimum TF = 1.88
TR. FACTOR RAMP B: Actual TF = 7.7 Minimum TF = 1.05
TR. FACTOR RAMP C: Actual TF = 7.7 Minimum TF = 2.02
TR. FACTOR RAMP D: Actual TF = 7.7 Minimum TF = 1.06

SUBGRADE SUPPORT RATING:
 SSR = POOR



P-R2

PROPOSED MARSEILLES ROAD RAMPS
 RAMP A: STA. 200+00.00 TO STA. 210+31.81
 RAMP B: STA. 307+51.71 TO STA. 321+20.18
 RAMP C: STA. 407+49.71 TO STA. 421+15.207
 RAMP D: STA. 500+00.00 TO STA. 510+71.74



P-R3

MARSEILLES ROAD RAMPS PROPOSED SUPERELEVATED SECTIONS

SEE RPP SHEETS AND SUPERELEVATION TRANSITION DETAIL FOR LIMITS OF SUPERELEVATION

EXISTING LEGEND:

- (A) EXISTING P.C.C. PAVEMENT WITH BITUMINOUS OVERLAY
- (B) EXISTING SUB-BASE GRANULAR MATERIAL
- (C) EXISTING P.C.C. PAVEMENT, 10"
- (D) EXISTING STABILIZED SUB-BASE, 6"
- (E) EXISTING POROUS GRANULAR EMBANKMENT, SUBGRADE
- (F) EXISTING BITUMINOUS SHOULDER
- (G) EXISTING AGGREGATE SHOULDER

PROPOSED LEGEND:

- (1) PORTLAND CEMENT CONCRETE PAVEMENT 9 1/2" (JOINTED)
- (1A) CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT 9 1/2"
- (2) PORTLAND CEMENT CONCRETE SHOULDER 9 1/2" (TIED)
- (3) STABILIZED SUB-BASE 4"
- (4) SUB-BASE GRANULAR MATERIAL, TYPE C 4" (SEE NOTE 1)
- (5) GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
- (6) SHOULDER RUMBLE STRIP
- (7) AGGREGATE SUBGRADE 12"
- (8) COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.06
- (9) AGGREGATE SHOULDERS, TYPE B 6"
- (10) CONCRETE MEDIAN, TYPE SM-4.06
- (11) CONCRETE MEDIAN
- (12) TOPSOIL FURNISH AND PLACE, 4"
- (13) SEEDING, CLASS 2A
- (14) LONGITUDINAL CONSTRUCTION JOINT, NO. 6 EPOXY COATED TIE BARS 30" LONG AT 24" CENTERS
- (15) PIPE UNDERDRAINS 4" (MODIFIED)
- (16) BITUMINOUS SHOULDERS SUPERPAVE 6"
- (17) STEEL PLATE BEAM GUARD RAIL, TYPE A
- (18) POLYUREA PAVEMENT MARKING TYPE II - LINE 4" (WHITE)
- (19) POLYUREA PAVEMENT MARKING TYPE II - LINE 6" (WHITE)

- (20) POLYUREA PAVEMENT MARKING TYPE II - LINE 8" (WHITE)
- (21) POLYUREA PAVEMENT MARKING TYPE II - LINE 4" (YELLOW)
- (22) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N90, 4"
- (23) POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, 1L-19.0, N90, 6"

NOTES:

1. THIS MATERIAL SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCLUDED IN THE CONTRACT UNIT PRICE FOR AGGREGATE SUBGRADE 12"
2. SEE HIGHWAY STANDARD 483001-03 FOR CONSTRUCTION DETAILS OF PCC SHOULDER, SUBBASE AND SUBGRADE.



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**TYPICAL SECTIONS
 MARSEILLES ROAD RAMPS
 A, B, C & D**

SCALE: NONE
 DATE: 11/02/07

DRAWN BY: JUP
 CHECKED BY: GS