STRUCTURAL DESIGN INFORMATION
RAMPS F AND G

ROAD CLASSIFICATION: CLASS II

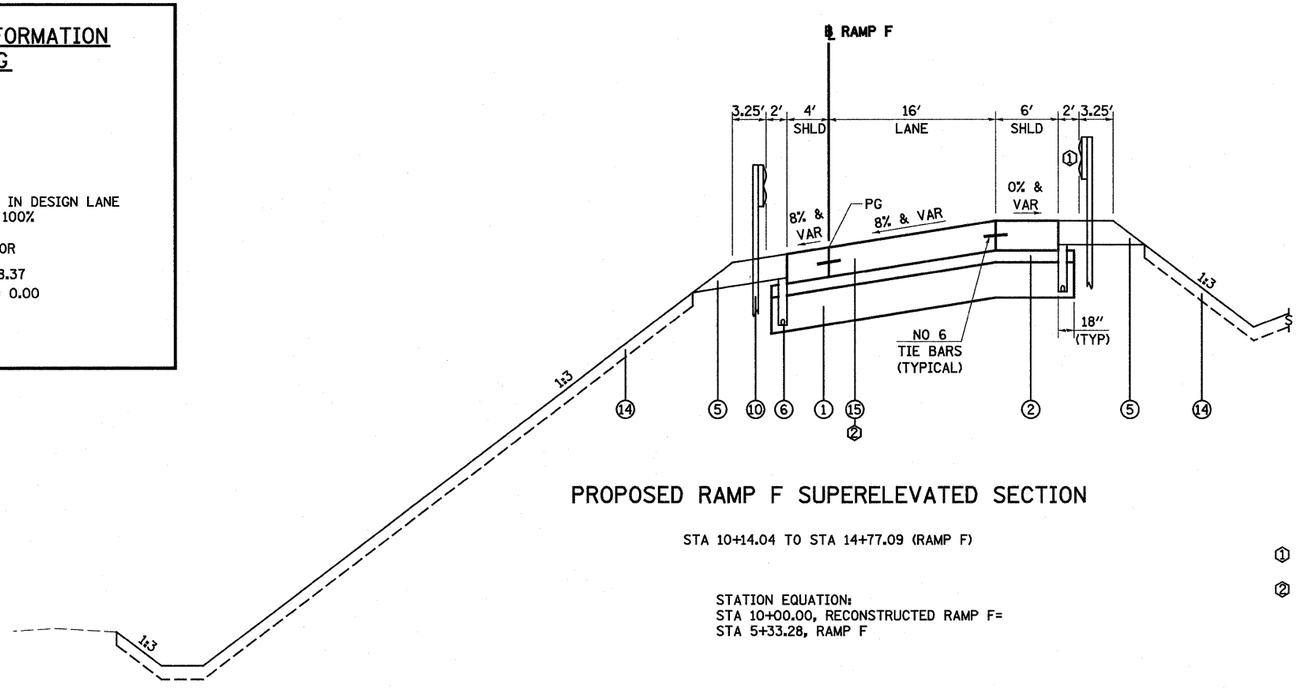
STRUCTURAL DESIGN TRAFFIC: 2030
PV = 104 SU = 0 MU = 0

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

MINIMUM SUBGRADE SUPPORT RATING: POOR

RIGID PAVEMENT DESIGN: MINIMUM TF_F = 18.37
ACTUAL TF_F = 0.00

SELECTED DESIGN 10.00 JRCP

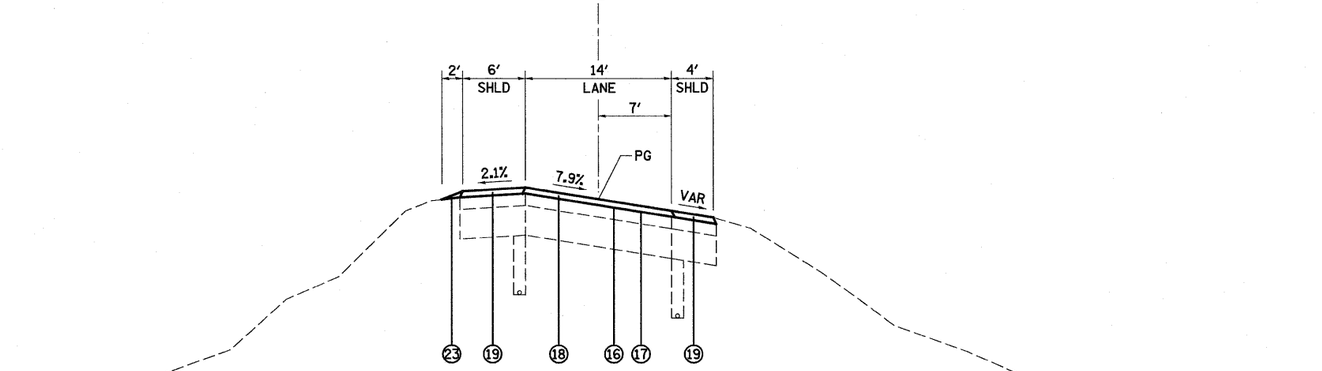


PROPOSED RAMP F SUPERELEVATED SECTION

STA 10+14.04 TO STA 14+77.09 (RAMP F)

STATION EQUATION:
STA 10+00.00, RECONSTRUCTED RAMP F=
STA 5+33.28, RAMP F

① GUARD RAIL TAPERS FROM 3.75′ TO 8′ RT STA 10+00.00 TO STA 11+07.66
② BRIDGE APPROACH PAVEMENT CONNETOR (PCC) FROM STA 10+14.04 TO STA 11+14.04



PROPOSED RAMP F SUPERELEVATED SECTION

STA 8+17.21 TO STA 15+40.61 (RAMP F)
BRIDGE OMISSION - STA 5+57.17 TO STA 8+17.21

LEGEND

1. PROPOSED SLAG MODIFIED PORTLAND CEMENT MODIFIED SOIL 12″
2. PROPOSED STABILIZED SUB-BASE 4″
3. PROPOSED CONTINUOUSLY REINFORCED PCC PAVEMENT 13″
4. PROPOSED PAVEMENT REINFORCEMENT 13″
5. PROPOSED AGGREGATE SHOULDERS, TYPE B 6″
6. PROPOSED PIPE UNDERDRAINS 6″
7. PROPOSED CONCRETE MEDIAN SURFACE, 6″ (SPECIAL)
8. PROPOSED COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
9. PROPOSED CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT
10. PROPOSED STEEL PLATE BEAM GUARD RAIL, TYPE A
11. PROPOSED STORM SEWERS, CLASS A
12. PROPOSED PIPE UNDERDRAINS 4″
13. PROPOSED WIDE FLANGE BEAM TERMINAL JOINT
14. PROPOSED TOPSOIL 4″
15. PROPOSED PCC PAVEMENT 10″ (JOINTED)
16. PROPOSED BITUMINOUS MATERIALS (PRIME COAT)
17. PROPOSED AGGREGATE (PRIME COAT)
18. PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N105 2″ AND VARIES
19. PROPOSED HOT-MIX ASPHALT SHOULDERS, 2″ AND VARIES
20. PROPOSED COARSE AGGREGATE
21. PROPOSED CONCRETE BARRIER BASE
22. PROPOSED CONCRETE BARRIER, VARIABLE CROSS SECTION 42″ HEIGHT
23. PROPOSED AGGREGATE WEDGE SHOULDERS, TYPE B
24. PROPOSED LIME MODIFIED SOIL 12″
25. PROPOSED SUB-BASE GRANULAR MATERIAL, TYPE B

SEE LEGEND NOS. ③ - ④ FOR PAVEMENT COMPOSITION OF SHOULDERS AND DRIVING LANES

NOTES
PROPOSED SIDE SLOPES/DITCHES VARY - SEE CROSS SECTIONS

LIMITS OF PROPOSED TOPSOIL VARIES - SEE CROSS SECTIONS

PAVEMENT JOINTS OPTIONAL - LONGITUDINAL CONSTRUCTION JOINT OR LONGITUDINAL SAWED JOINT

FILE NAME = S:\Projects\483-8887Z.57-7F\dgn\S Tri-L\tgpsect3.dgn	USER NAME = paul	DESIGNED - JWS	REVISED -
		DRAWN - RCB	REVISED -
	PLOT SCALE = 100.0000 ′ / IN.	CHECKED - BRM	REVISED -
	PLOT DATE = 2/11/2010	DATE - 3-04-08	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED TYPICAL SECTIONS - SOUTH TRI-LEVEL

SCALE: 1″=50′ | SHEET NO. 16 OF 18 SHEETS | STA. | TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57/70	(25-3)R	EFFINGHAM	1416	151
		CONTRACT NO. 74296		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		