

STRUCTURAL DESIGN INFORMATION
FAYETTE RAMPS A, B, C, AND D

ROAD CLASSIFICATION: CLASS I

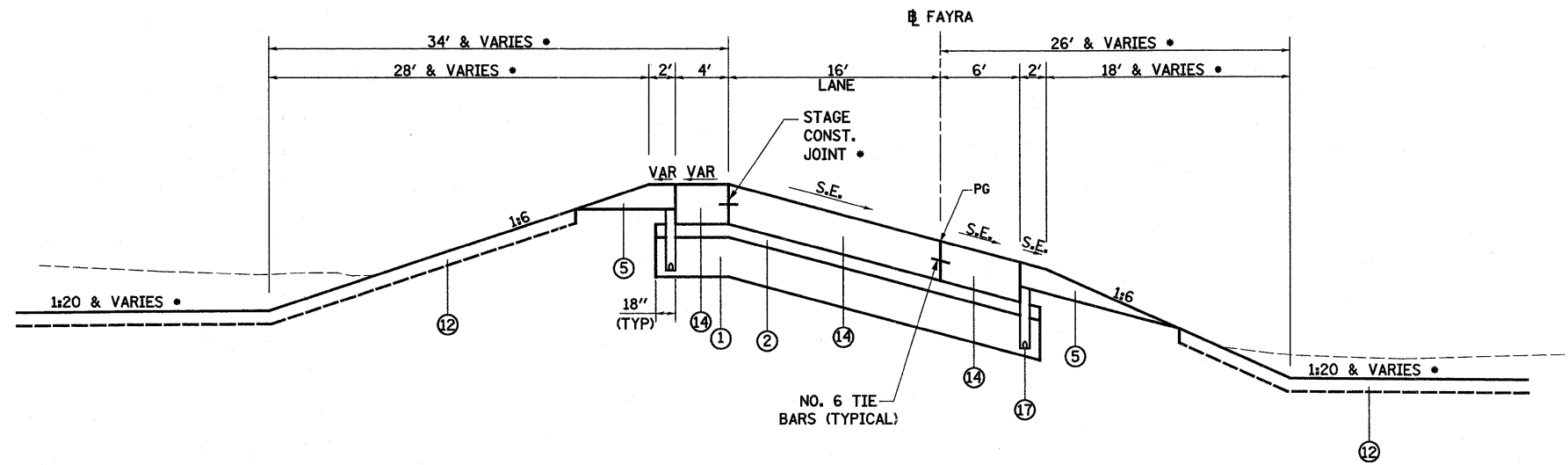
STRUCTURAL DESIGN TRAFFIC: 2030
 PV = 3,594 SU = 266 MU = 1,930

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

MINIMUM SUBGRADE SUPPORT RATING: POOR

RIGID PAVEMENT DESIGN: MINIMUM $T_F = 13.40$
 ACTUAL $T_F = 27.66$

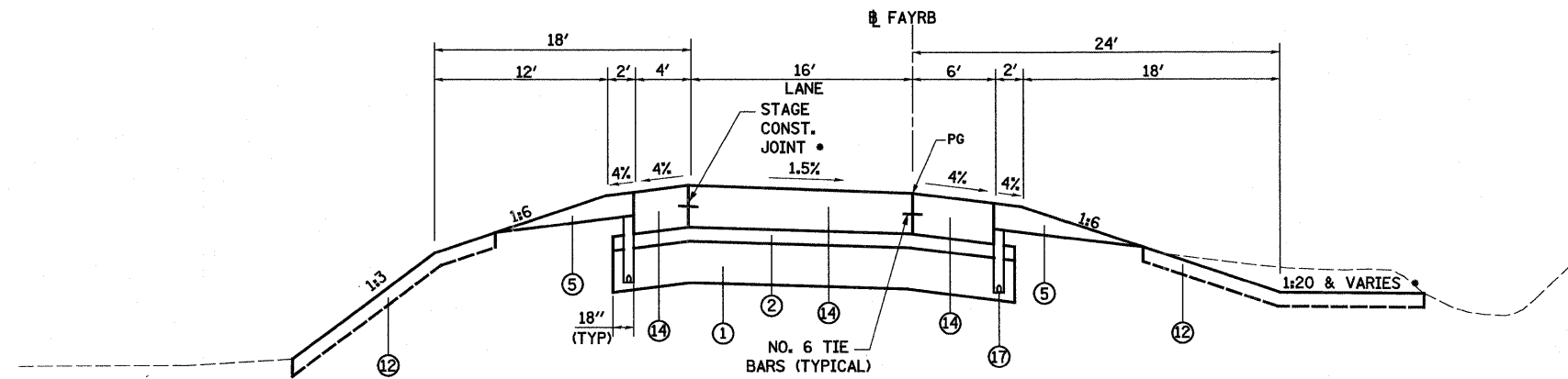
SELECTED DESIGN 10.5 JRPC



RAMP A (FAYETTE AVE)
PROPOSED SUPERELEVATED SECTION

STA 9-99.72 TO STA 12+40.00

• STAGE CONSTRUCTION JOINT
 FROM STA 11+50.00 TO STA 12+40.00



RAMP B (FAYETTE AVE)
PROPOSED TANGENT SECTION

STA 13+15.00 TO STA 13+75.00

• STAGE CONSTRUCTION JOINT
 FROM STA 13+15.00 TO STA 13+75.00

LEGEND

- | | |
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| ① PROPOSED PROCESSING MODIFIED SOIL 12" | ⑪ PROPOSED STORM SEWERS, CLASS A |
| ② PROPOSED STABILIZED SUB-BASE 4" | ⑫ PROPOSED TOPSOIL 4" |
| ③ PROPOSED CONTINUOUSLY REINFORCED PCC PAVEMENT 13" | ⑬ PROPOSED PCC PAVEMENT 10 1/4" (JOINTED) |
| ④ PROPOSED PAVEMENT REINFORCEMENT 13" | ⑭ PROPOSED PCC PAVEMENT 10 1/2" (JOINTED) |
| ⑤ PROPOSED AGGREGATE SHOULDERS, TYPE B 6" | ⑮ PROPOSED PAVEMENT FABRIC |
| ⑥ PROPOSED PIPE UNDERDRAINS 6" | ⑯ PROPOSED CONCRETE BARRIER BASE |
| ⑦ PROPOSED PORTLAND CEMENT CONCRETE SHOULDERS 13" | ⑰ PROPOSED PIPE UNDERDRAINS 4" |
| ⑧ PROPOSED COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24 | ⑱ PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK 4" |
| ⑨ PROPOSED CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT | ⑲ PROPOSED AGGREGATE BASE COURSE, TYPE B, 8" |
| ⑩ PROPOSED STEEL PLATE BEAM GUARD RAIL, TYPE A | ⑳ PROPOSED AGGREGATE SHOULDER TYPE B |
| | ㉑ PROPOSED PROCESSING MODIFIED SOIL 24" |
- 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

FILE NAME =	USER NAME = John	DRAWN - MAB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED TYPICAL SECTIONS - FAYETTE AVE, RAMP A & B	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILEL\$	PLOT SCALE = 100.0000' / IN.	CHECKED - BRM	REVISED -			57/70	(25-3,4)R	EFFINGHAM	1098	27
	PLOT DATE = 3/19/2011	DATE - 6-12-08	REVISED -			SCALE: 1"=50' SHEET NO. 14 OF 17 SHEETS STA. 8+60.00 TO STA. 11+00.00		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT CONTRACT NO. 74299		