

**STRUCTURAL DESIGN INFORMATION  
FAYETTE AVENUE**

ROAD CLASSIFICATION: CLASS I

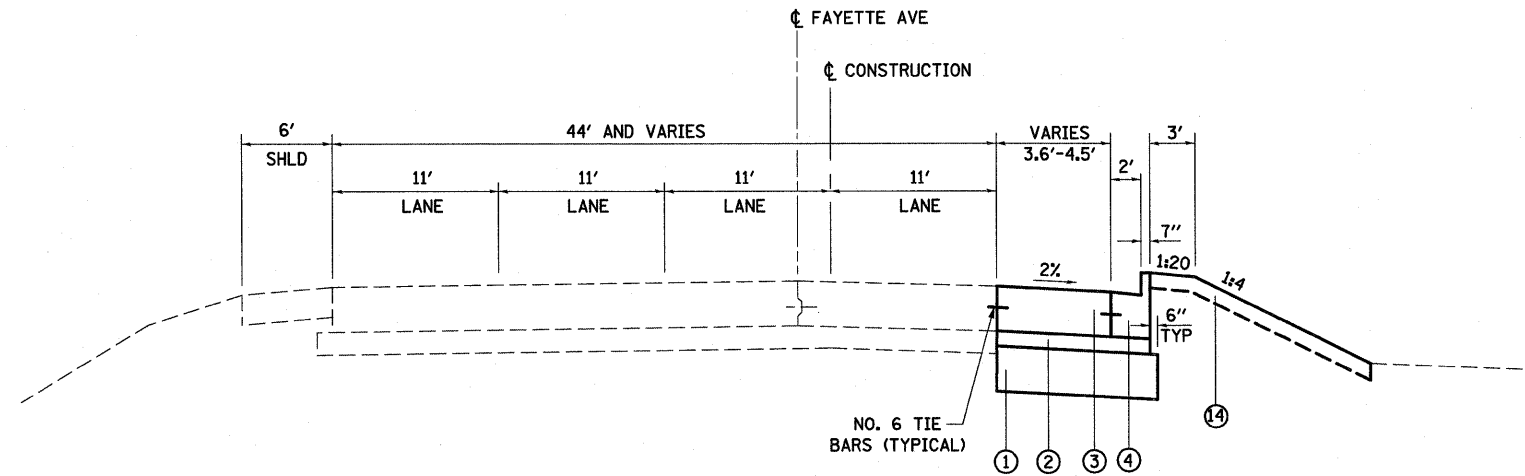
STRUCTURAL DESIGN TRAFFIC: 2030  
PV = 11,904 SU = 2,031 MU = 2,576

PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE  
P = 32% S = 45% M = 45%

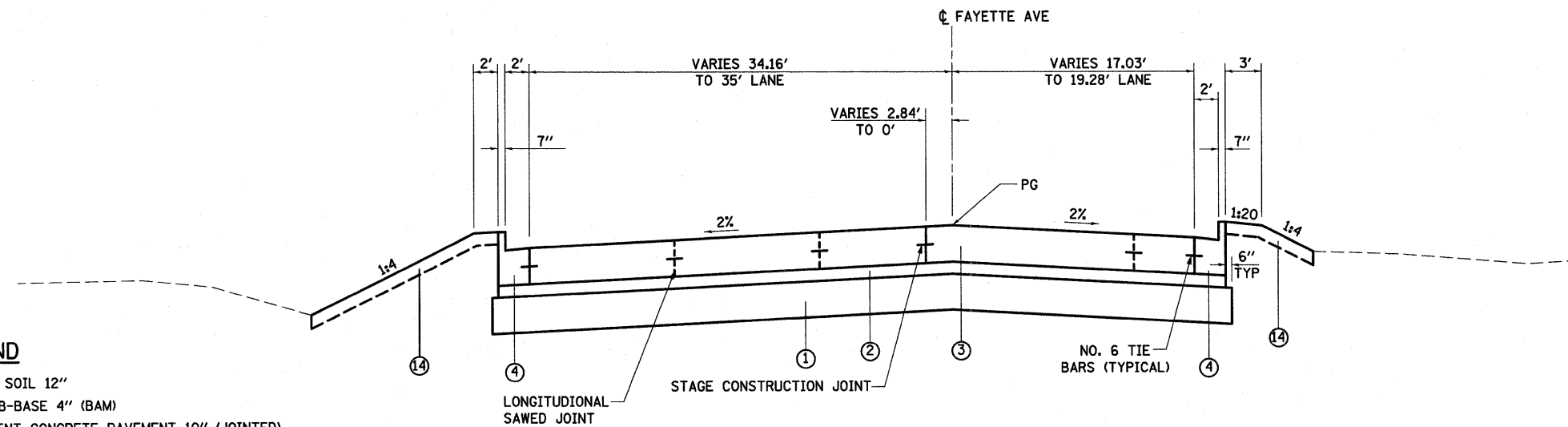
MINIMUM SUBGRADE SUPPORT RATING: POOR

RIGID PAVEMENT DESIGN: MINIMUM  $T_F = 6.03$   
ACTUAL  $T_F = 18.79$

SELECTED DESIGN 10.0 JRCP



**EXISTING TANGENT SECTION**  
STA 36+78.27 TO STA 37+85.10



**PROPOSED TANGENT SECTION**  
STA 37+85.10 TO STA 38+58.08

**PROPOSED FAYETTE AVE**

**LEGEND**

- ① PROPOSED LIME MODIFIED SOIL 12"
- ② PROPOSED STABILIZED SUB-BASE 4" (BAM)
- ③ PROPOSED PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED)
- ④ PROPOSED COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- ⑤ PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK 4"
- ⑥ PROPOSED CONCRETE MEDIAN SURFACE, 4"
- ⑦ PROPOSED CORRUGATED MEDIAN
- ⑧ PROPOSED COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.06
- ⑨ PROPOSED BRIDGE APPROACH SLAB (SEE STRUCTURE PLANS)
- ⑩ PROPOSED SUB-BASE GRANULAR MATERIAL, TYPE C
- ⑪ PROPOSED CONCRETE MEDIAN, TYPE SB (DOWELLED)
- ⑫ PROPOSED PORTLAND CEMENT CONCRETE PAVEMENT 10 1/2" (JOINTED)
- ⑬ PROPOSED AGGREGATE SHOULDERS, TYPE B 6"
- ⑭ PROPOSED TOPSOIL 4"
- ⑮ PROPOSED PIPE UNDERDRAINS 4"
- ⑯ PROPOSED PORTLAND CEMENT CONCRETE PAVEMENT, 12"
- ⑰ PROPOSED PAVEMENT FABRIC
- ⑱ PROPOSED AGGREGATE BASE COURSE, TYPE B, 8"
- ⑲ PROPOSED AGGREGATE SHOULDER TYPE B
- ⑳ PROPOSED LIME MODIFIED SOIL 18"

FILE NAME =	USER NAME = paul	DESIGNED - JWS	REVISED - 08-02-10	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PROPOSED TYPICAL SECTIONS - FAYETTE AVE</b>			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SV\Projects\403-00072-57-70\ dgn\Fayette\typesecfay.dgn		DRAWN - BOB	REVISED -					57/70	(25-3)I-6	EFFINGHAM	839	16
PLOT SCALE = 50.0000' / IN.		CHECKED - BRM	REVISED -		SCALE: 1"=50'			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
PLOT DATE = 8/2/2010		DATE - 11-05-07	REVISED -		SHEET NO. 1 OF 8 SHEETS			CONTRACT NO. 74293				