

**STRUCTURAL DESIGN INFORMATION
FAYETTE AVENUE**

ROAD CLASSIFICATION: CLASS I

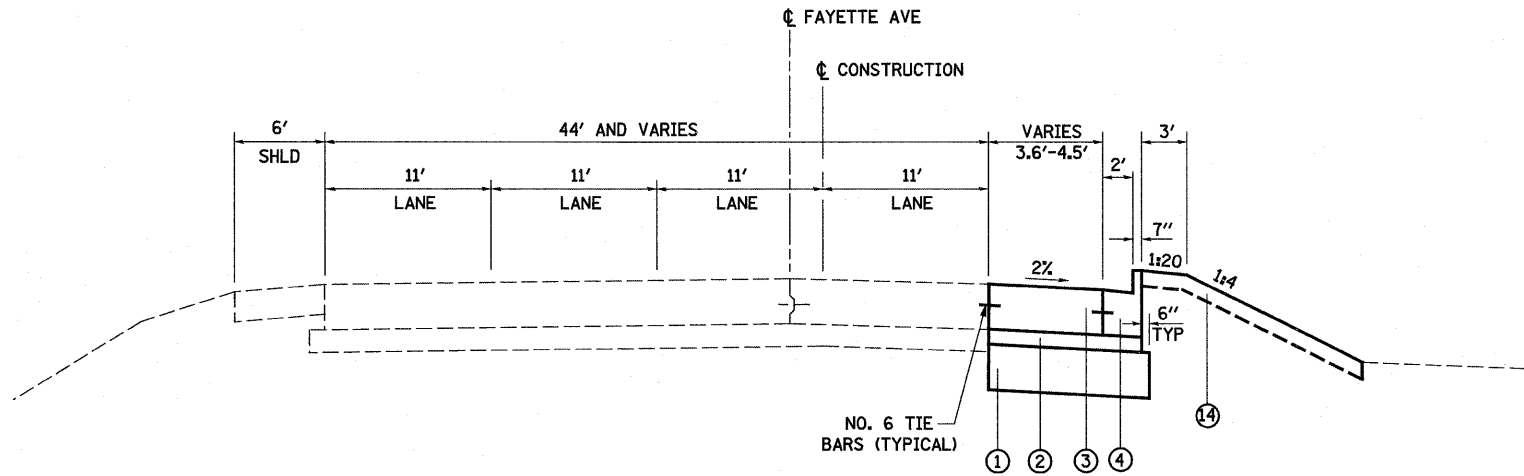
STRUCTURAL DESIGN TRAFFIC: 2030
PV = 11,904 SU = 2,031 MU = 2,576

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

MINIMUM SUBGRADE SUPPORT RATING: POOR

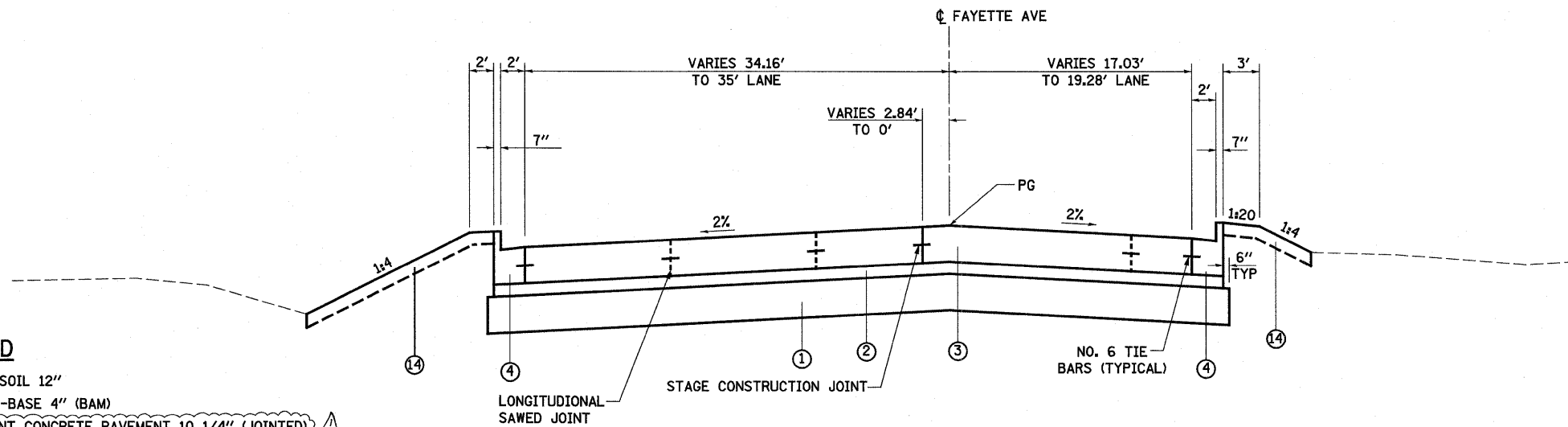
RIGID PAVEMENT DESIGN: MINIMUM $T_F = 6.03$
ACTUAL $T_F = 18.79$

SELECTED DESIGN: 10.25 JRCPC



EXISTING TANGENT SECTION

STA 36+78.27 TO STA 37+85.10



PROPOSED TANGENT SECTION

STA 37+85.10 TO STA 38+58.08

LEGEND

- ① PROPOSED LIME MODIFIED SOIL 12"
- ② PROPOSED STABILIZED SUB-BASE 4" (BAM)
- ③ PROPOSED PORTLAND CEMENT CONCRETE PAVEMENT 10 1/4" (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"

PROPOSED FAYETTE AVE

FILE NAME =	USER NAME = betaj	DESIGNED - JWS	REVISED - 08-02-10	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED TYPICAL SECTIONS - FAYETTE AVE			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S:\P\Projects\403-00072-57-70\dgn\Fayette\Addendum\1\addendum1.dgn	DRAWN - BOB	REVISED - (08-26-10)	57/70					(25-3)I-6	EFFINGHAM	839	16	
PLOT SCALE = 1/80.0000' / IN.	CHECKED - BRM	REVISED -	CONTRACT NO. 74293									
PLOT DATE = 8/27/2010	DATE - 11-05-07	REVISED -	SCALE: 1"=50'			SHEET NO. 1 OF 8 SHEETS		STA. TO STA.		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		