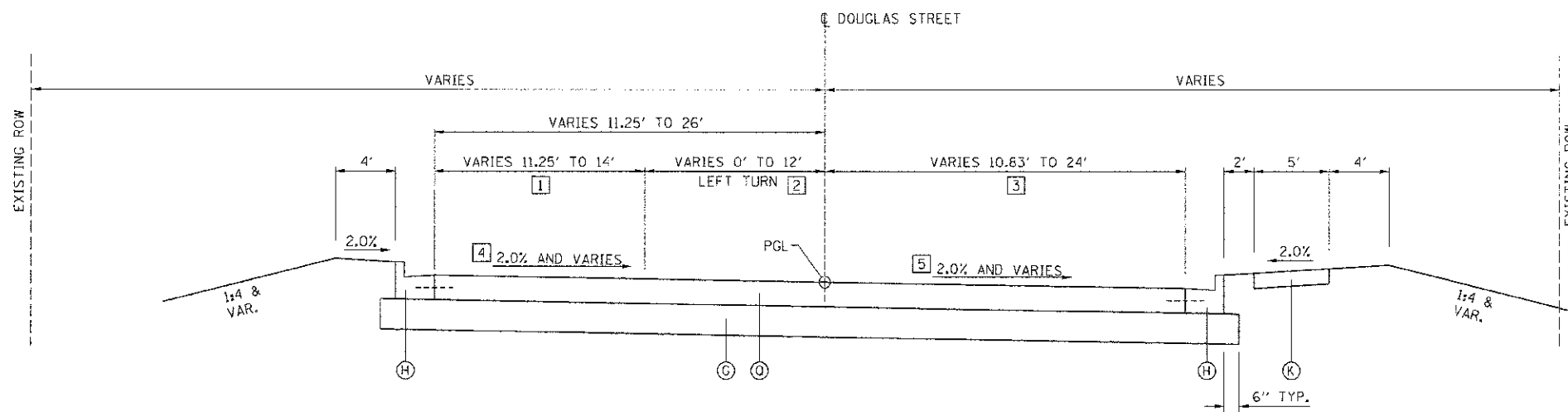


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	G-1R	KENDALL	514	27
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



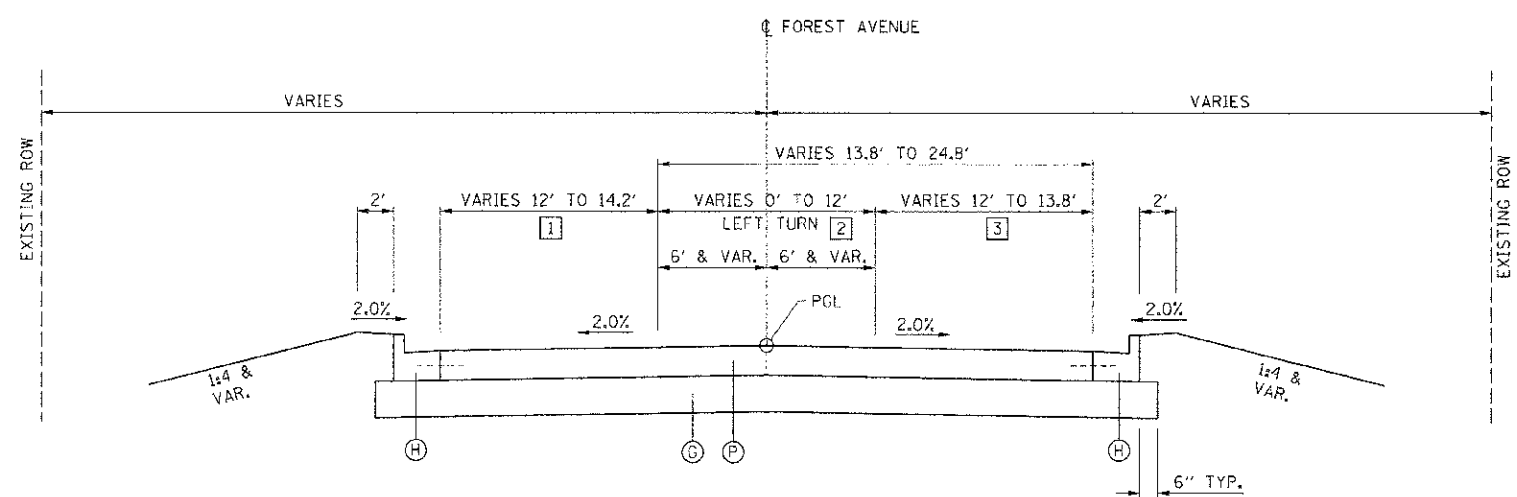
**13 PROPOSED TYPICAL SECTION - DOUGLAS STREET**

STA. 100+55.00 (IL ROUTE 71) TO STA. 104+54.15  
LOOKING NORTH

- 1 STA. 100+55.00 TO STA. 103+63.97 = 14.00'  
STA. 103+63.97 TO STA. 104+54.15 = TRANSITION FROM 14.00' TO 11.25'
- 2 STA. 100+55.00 TO STA. 101+55.00 = 12.00'  
STA. 101+55.00 TO STA. 103+63.97 = TRANSITION FROM 12.00' TO 0.00'
- 3 STA. 100+55.00 TO STA. 104+54.15 = TRANSITION FROM 24.00' TO 10.83'
- 4 STA. 100+86.04 TO STA. 101+26.04 = TRANSITION FROM 0.00% TO 2.00%
- 5 STA. 100+86.04 TO STA. 101+26.04 = TRANSITION FROM 0.00% TO -2.00%

STRUCTURAL PAVEMENT DESIGN INFORMATION:  
STRUCTURAL DESIGN TRAFFIC: YEAR: 2018  
PV = 18,942 SU = 1,183 MU = 1,376  
ROAD/STREET CLASSIFICATION: CLASS 1  
PERCENT OF STRUCTURAL DESIGN TRAFFIC  
IN DESIGN LANE:  
P = 32% S = 45% M = 45%  
TRAFFIC FACTOR:  
RIGID TF: 10.17 MINIMUM TF: 6.03  
SUBGRADE SUPPORT RATING: POOR

- LEGEND**
- (A) PORTLAND CEMENT CONCRETE PAVEMENT 9 3/4" (JOINTED)
  - (B) HOT-MIX ASPHALT SHOULDER, 8"
  - (C) CONCRETE MEDIAN SURFACE, 4" (RAISED MEDIAN)
  - (D) CONCRETE MEDIAN, TYPE M-2.12 (TRAVERSABLE MEDIAN), 9 3/4"
  - (E) CONCRETE MEDIAN, TYPE M-2.12 CORRUGATED (SPECIAL) (CORRUGATED MEDIAN)
  - (F) SUB-BASE GRANULAR MATERIAL, TYPE C
  - (G) SUB-BASE GRANULAR MATERIAL, TYPE A (CRUSHED), 12"
  - (H) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
  - (J) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
  - (K) PORTLAND CEMENT CONCRETE SIDEWALK, 4"
  - (L) AGGREGATE SHOULDERS TYPE B, 6"
  - (M) INCIDENTAL HOT-MIX ASPHALT SURFACING (224 LBS / SY), 2"
  - (N) AGGREGATE BASE COURSE, TYPE A, 6"
  - (O) AGGREGATE SUBGRADE IMPROVEMENT 24"
  - (P) PORTLAND CEMENT CONCRETE PAVEMENT 7 3/4" (JOINTED)
  - (Q) PORTLAND CEMENT CONCRETE PAVEMENT 8" (JOINTED)
  - (R) PORTLAND CEMENT CONCRETE PAVEMENT 8 1/4" (JOINTED)
  - (S) PORTLAND CEMENT CONCRETE PAVEMENT 9 1/4" (JOINTED)



**14 PROPOSED TYPICAL SECTION - FOREST AVENUE**

STA. 46+86.01 TO STA. 49+30.13 (IL ROUTE 71)  
LOOKING NORTH  
STA. 50+65.84 (IL ROUTE 71) TO STA. 51+59.17  
LOOKING SOUTH

- 1 STA. 46+86.01 TO STA. 48+26.11 = TRANSITION FROM 14.2' TO 12.00'  
STA. 48+26.11 TO STA. 49+30.13 = 12.00'  
STA. 50+65.84 TO STA. 51+59.17 = 12.8'
- 2 STA. 46+86.01 TO STA. 48+26.11 = TRANSITION FROM 0.00' TO 12.00'  
STA. 48+26.11 TO STA. 49+30.13 = 12.00'  
STA. 50+65.84 TO STA. 51+59.17 = 12.00'
- 3 STA. 46+86.01 TO STA. 48+26.11 = TRANSITION FROM 13.8' TO 12.00'  
STA. 48+26.11 TO STA. 49+30.13 = 12.00'  
STA. 50+65.84 TO STA. 51+59.17 = 12.8'

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**TYPICAL CROSS SECTIONS**

SCALE: VERT. \_\_\_\_\_  
HORIZ. \_\_\_\_\_  
DATE: 7/5/2012

DRAWN BY: SAE  
CHECKED BY: MED

T:\G\_P\11-1107014\11-1107014.dwg  
 FILE NAME: 11-1107014.dwg  
 PLOT DATE: 7/5/2012 10:00:00 AM  
 PLOT BY: SAE