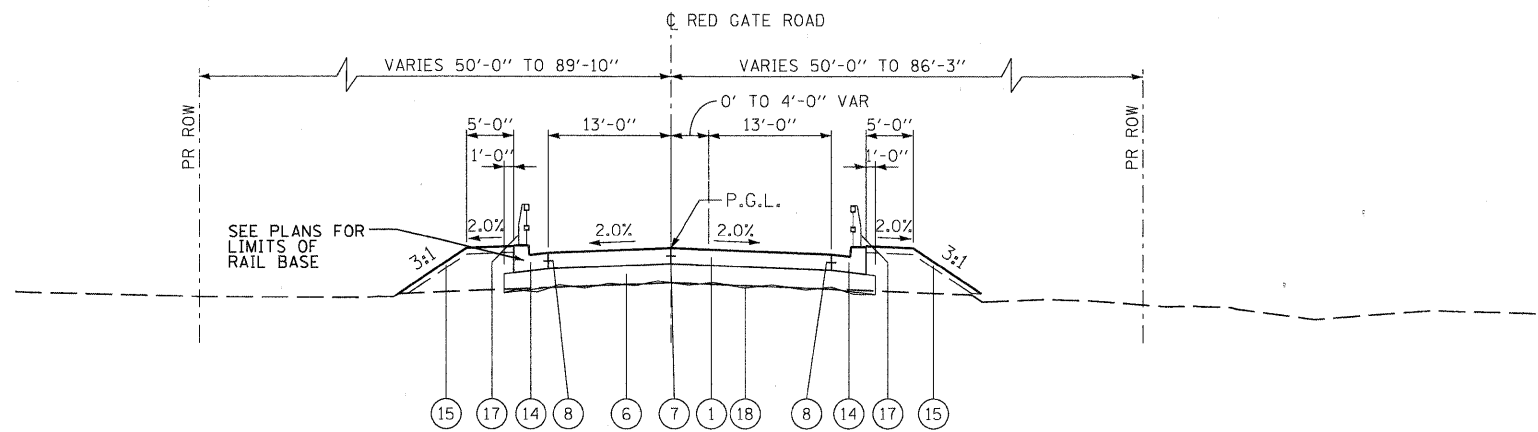


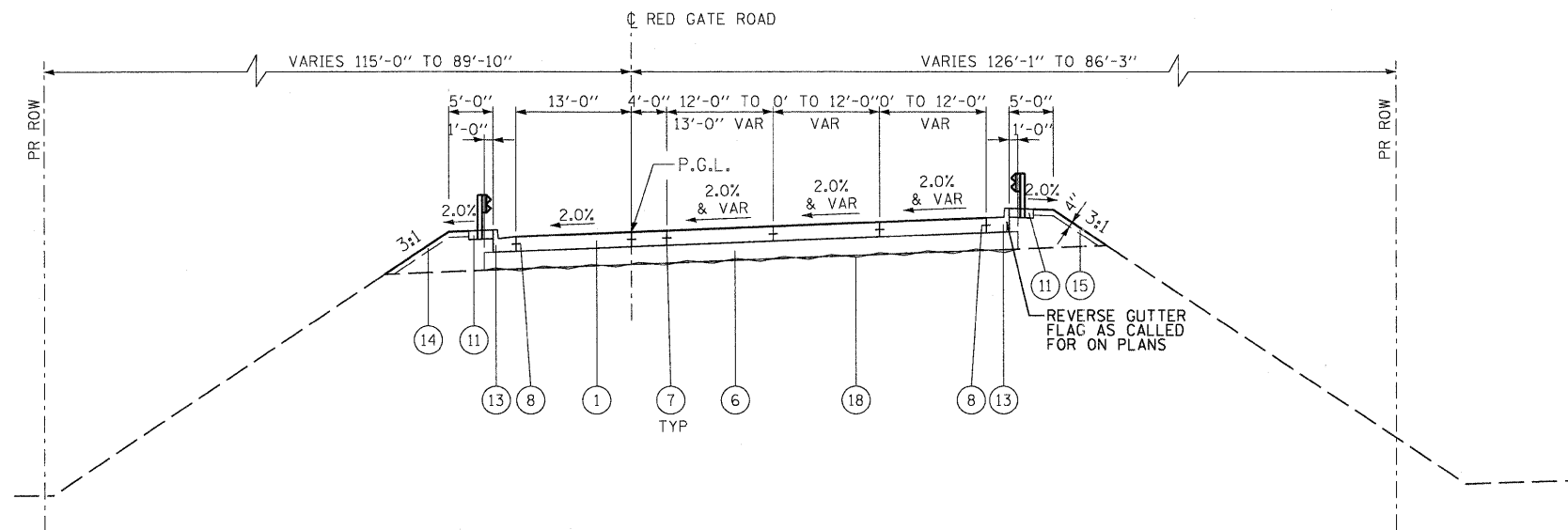
BRIDGE OMMISION

STA 109+14.69 TO STA 121+19.72, RED GATE ROAD



PROPOSED TYPICAL SECTION NO. 5

STA 121+19.72 TO STA 124+52.50, RED GATE ROAD



PROPOSED TYPICAL SECTION NO. 6

STA 126+12.50 TO STA 129+62.27, RED GATE ROAD

BEGIN SE TRANS IN STA 125+02.09
 END SE TRANS IN STA 126+34.09
 BEGIN SE TRANS OUT STA 128+30.27
 END SE TRANS OUT STA 129+62.27

LEGEND

- ① PORTLAND CEMENT CONCRETE PAVEMENT, 10" (JOINTED)
- ② HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
- ③ LEVELING BINDER (MACHINE METHOD), N50
- ④ HOT-MIX ASPHALT BASE COURSE, 8"
- ⑤ HOT-MIX ASPHALT BASE COURSE WIDENING, 8"
- ⑥ AGGREGATE SUBGRADE, 12"
- ⑦ LONGITUDINAL CONSTRUCTION JOINT (INCLUDED IN COST OF PORTLAND CEMENT CONCRETE PAVEMENT, 10" JOINTED)
- ⑧ TIE BARS (INCLUDED IN COST OF COMB CONC CURB & GUTTER)
- ⑨ SAW CUTS
- ⑩ HOT-MIX ASPHALT SHOULDERS, 8" (IN 3 LIFTS)
- ⑪ HOT-MIX ASPHALT SHOULDERS, 6" (IN 2 LIFTS)
- ⑫ AGGREGATE SHOULDERS TYPE B, 8"
- ⑬ COMBINATION CONCRETE CURB AND GUTTER B6.24
- ⑭ RAIL BASE
- ⑮ TOPSOIL FURNISH AND PLACE, 4"
- ⑯ STEEL PLATE BEAM GUARD RAIL, TYPE A
- ⑰ STEEL RAIL (SPECIAL)
- ⑱ GEOTECHNICAL FABRIC

STRUCTURAL DESIGN TRAFFIC:

PV = 13300 SU = 1085 YEAR 2030
 MU = 1085

ROAD/STREET CLASSIFICATION:

CLASS II

PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:

P = 86% S = 7% M = 7%

TRAFFIC DATA:

ACTUAL TF = 15.29
 MINIMUM TF = 6.03

SUBGRADE SUPPORT RATING:

SSR = POOR

PLOT SCALE: 1/8" = 1'-0" (PRINTED FULL SIZE) ...

FILE NAME =	DESIGNED - MAC	REVISED -
... \p1n-ABC-ah-ROGT-ty-03.dgn	DRAWN - TMB	REVISED -
USER NAME = tblank	CHECKED - RMT	REVISED -
PLOT DATE = 11/9/2011	DATE - 10/23/2011	REVISED -



CITY OF ST. CHARLES

**PROPOSED TYPICAL SECTIONS
 RED GATE ROAD**

SCALE: NTS SHEET NO. 3 OF 4 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	04-00092-00-BR	KANE	440	31
				CONTRACT NO. 63650
ILLINOIS FED. AID PROJECT				