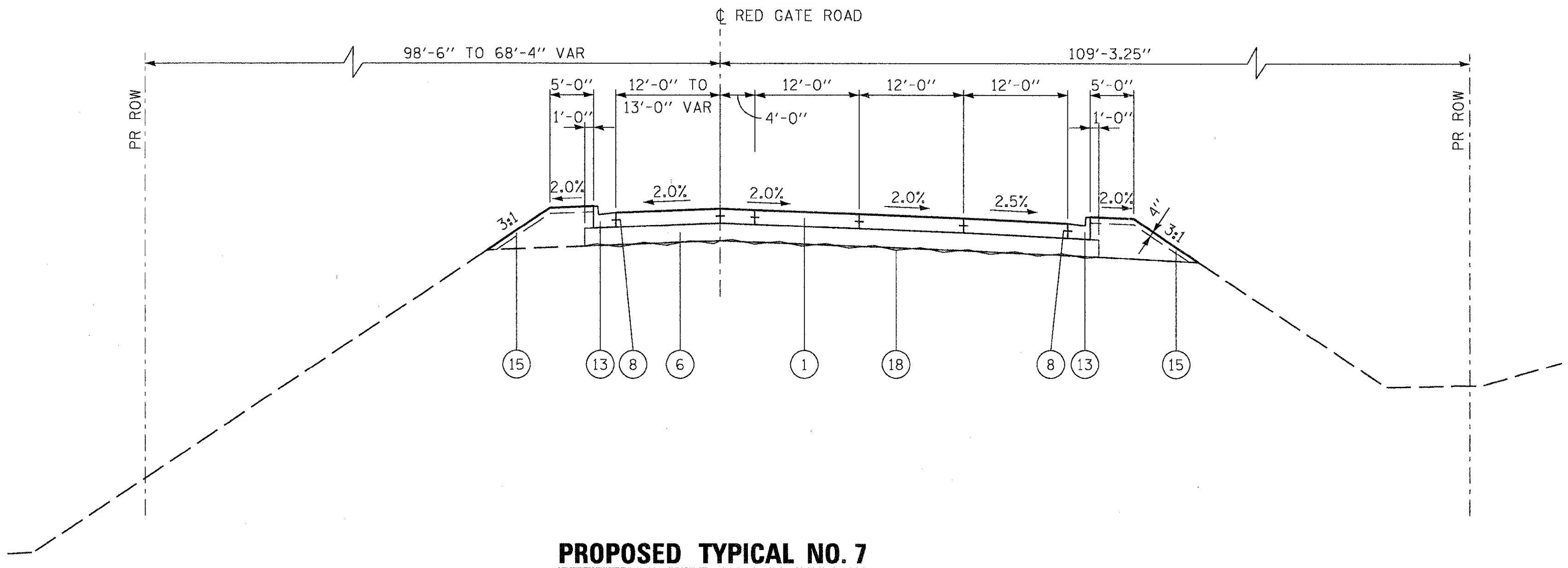
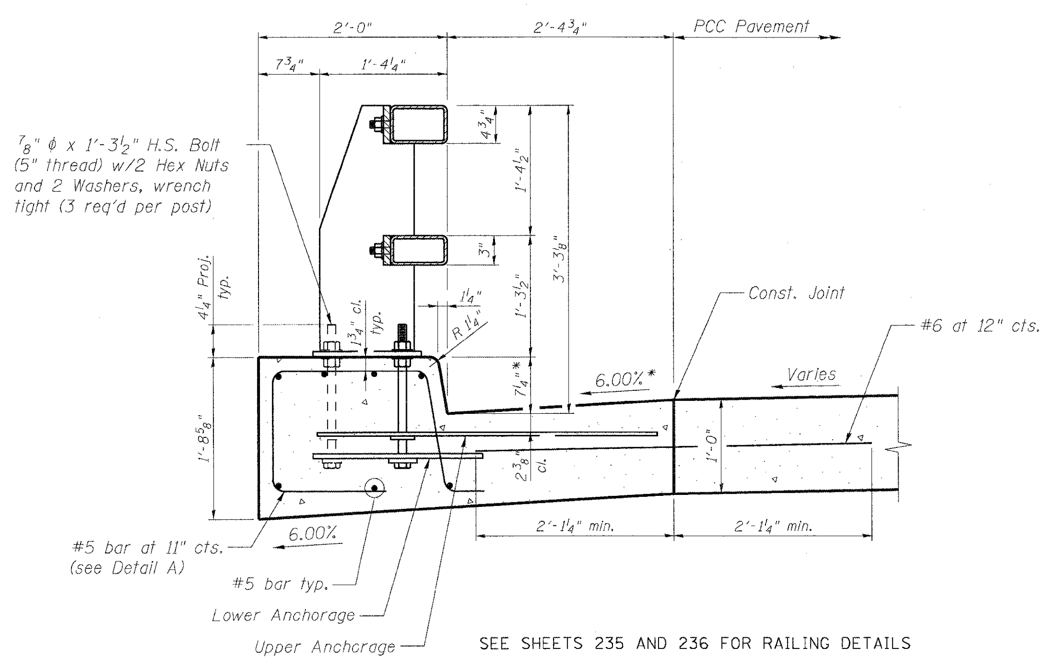


PROPOSED TYPICAL NO. 7

STA 129+62.27 TO STA 131+29.47, RED GATE ROAD

LEGEND

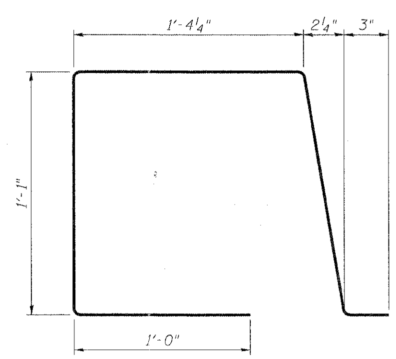
1. PORTLAND CEMENT CONCRETE PAVEMENT, 10" (JOINTED)
2. HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
3. LEVELING BINDER (MACHINE METHOD), N50
4. HOT-MIX ASPHALT BASE COURSE, 8"
5. HOT-MIX ASPHALT BASE COURSE WIDENING, 8"
6. AGGREGATE SUBGRADE, 12"
7. LONGITUDINAL CONSTRUCTION JOINT (INCLUDED IN COST 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



SEE SHEETS 235 AND 236 FOR RAILING DETAILS

RAIL BASE DETAIL

* GUTTER SLOPE AND CURB HEIGHT SHALL TRANSITION TO MEET THE CROSS SLOPES AND CURB HEIGHTS OF THE APPROACH SLABS OVER A DISTANCE OF 10'.



DETAIL A

STRUCTURAL DESIGN TRAFFIC: YEAR 2030

PV = 13300 SU = 1085 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

FILE NAME = ...\prpln-ABC-sht-RDGT-typ-04.dgn	DESIGNED - MAC	REVISED -	
USER NAME = tblank	DRAWN - TMB	REVISED -	
PLOT DATE = 11/9/2011	CHECKED - RMT	REVISED -	
	DATE - 10/23/2011	REVISED -	

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CITY OF ST. CHARLES

PROPOSED TYPICAL SECTIONS
RED GATE ROAD

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	04-00092-00-BR	KANE	440	32

CONTRACT NO. 63650

ILLINOIS FED. AID PROJECT