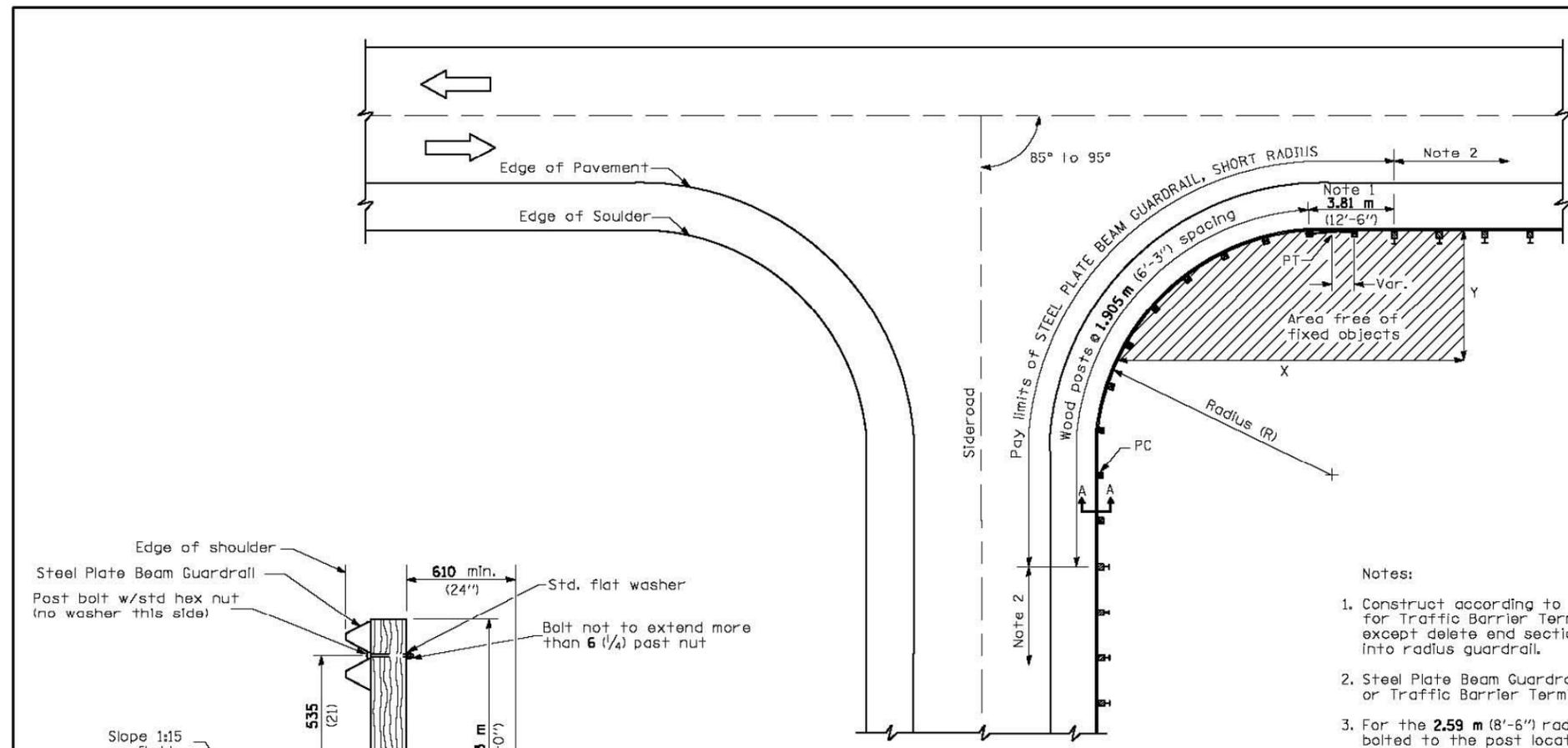
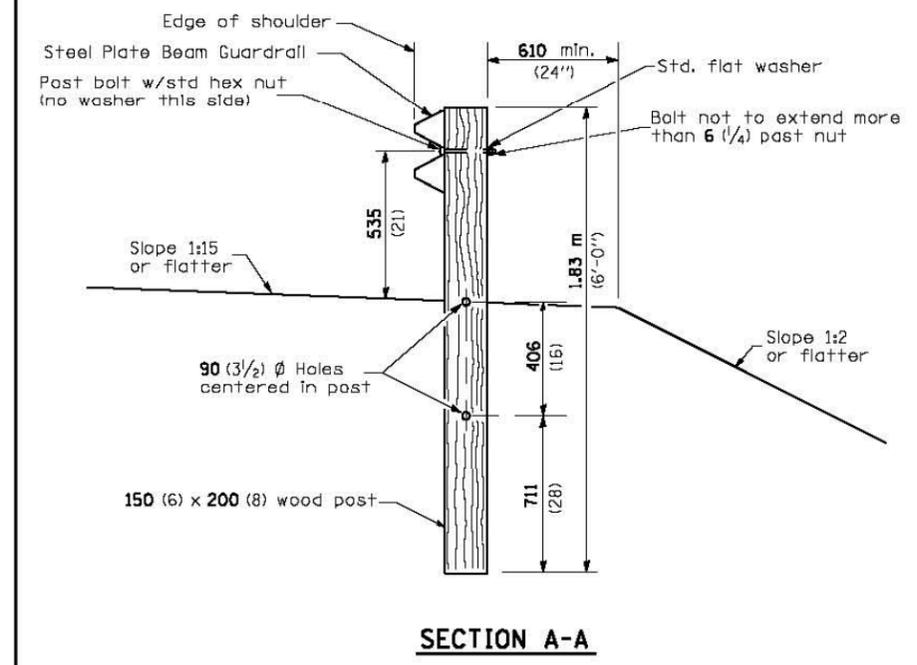


| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------|--------------|-------------------|--------------|-----------|
| 42 | 106(B-1,B-2) | MONTGOMERY | 61 | 57 |
| STA. 112+50.00 | | TO STA. 130+70.00 | | |
| FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT | | |



PLAN



SECTION A-A

Notes:

1. Construct according to Standard 631011 for Traffic Barrier Terminal Type 2, except delete end section and splice into radius guardrail.
2. Steel Plate Beam Guardrail Type A, Type B, or Traffic Barrier Terminal as specified.
3. For the 2.59 m (8'-6") radius, the rail is not bolted to the post located at the midpoint of the curve.

INSTALLATION CHARACTERISTICS
PER DESIGN RADIUS (R)

| R | NO. OF WOOD POSTS | X | Y |
|-------------------|-------------------|-----------------|--------------|
| 2.59 (8'-6") | 5 (Note 3) | 7.6 m (25') | 4.6 (15') |
| 5.18 (17'-0") | 6 | 9.1 m (30') | 4.6 (15') |
| 7.77 (25'-6") | 8 | 12.2 m (40') | 6.1 (20') |
| 10.67 (35'-0") | 11 | 15.2 m (50') | 6.1 (20') |

GENERAL NOTES

All slope ratios are expressed as units of vertical displacement to units of horizontal displacement (V:H).
All dimensions are in millimeters (inches) unless otherwise shown.

| DATE | REVISIONS |
|------|-----------|
| | |
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**STEEL PLATE BEAM
GUARDRAIL,
SHORT RADIUS**

BDE Memo 36-03 Attachment A

| REVISIONS | |
|-----------|------|
| NAME | DATE |
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ILLINOIS DEPARTMENT OF TRANSPORTATION
**STEEL PLATE BEAM
GUARDRAIL, SHORT RADIUS**

FAP 42 (IL RTE, 127)
SECTION 106 (B-1, B-2)
MONTGOMERY COUNTY

SCALE: VERT. DRAWN BY: ADG
 HORIZ. DATE: 8-07-07 CHECKED BY: DC

K+ K-Plus Engineering, Ltd.
753 WINDSOR ROAD
CHARLESTON, IL 61920
(217) 348-1500
WWW.K-PLUSENGINEERING.LTD.COM
ILLINOIS DEPARTMENT OF PROFESSIONAL REGULATION REGISTRATION #184-003685

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EXCEPT FOR THIS SPECIFIC PROJECT WITHOUT THE WRITTEN CONSENT OF K-PLUS ENGINEERING, LTD.

PLOT DATE = Aug-16-2007 11:24:47AM
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