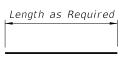
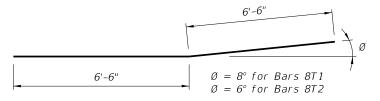


| BILL OF | BILL OF REINFORCING STEEL | | | | |
|---------|---------------------------|----------|--|--|--|
| MARK | SIZE | LENGTH | | | |
| Р | 5 | 7'-5" | | | |
| S1 | 8 | As Reqd. | | | |
| 52 | 5 | As Reqd. | | | |
| T1 & T2 | 8 | 13'-0" | | | |
| V | 5 | 6'-2" | | | |

| ROADWAY | LOW GUTTER | | HIGH GUTTER | |
|-------------|--------------|-----|-------------|--------------|
| CROSS-SLOPE | ØA | ØB | ØA | ØB |
| 0% to 2% | 90° | 90° | 90° | 90° |
| 2% to 6% | 9 <i>3</i> ° | 87° | 87° | 9 <i>3</i> ° |
| 6% to 10% | 96° | 84° | 84° | 96° |

ØA and ØB shall be 90° if Contractor elects to place Railing perpendicular to the Deck.



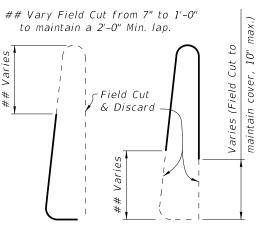


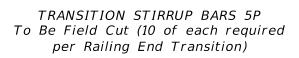
TRANSITION BARS 8T1 & 8T2

(2 of each required per Railing End Transition)



BARS 851 & 552





Contractor's option 45° 54°30' $\emptyset B_{\gamma}$ 1'-01/2"

STIRRUP BAR 5V

END STIRRUP BAR 5V To Be Field Cut (One required per Railing End Transition)

ØB <

6½"

Portion of Bar 5V

to be used

Field Cut &

Discard.

REINFORCING STEEL NOTES:

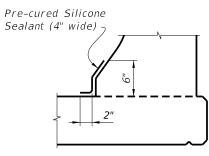
≥ DESCRIPTION:

STIRRUP BAR 5P

5½"

33/4"

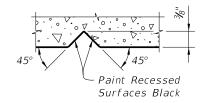
- 1. All bar dimensions in the bending diagrams are out to out.
- 2. The reinforcement for the railing on a retaining wall shall be the same as detailed above for a 10" deck with $\emptyset A = \emptyset B = 90^{\circ}$.
- 3. All reinforcing steel at the open joints shall have a 2" minimum cover.
- 4. Bars 8S1 may be continuous or spliced at the construction joints. Lap splices for Bars 8S1 and 5S2 shall be a minimum of 4'-0" and 2'-0", respectively.
- 5. The Contractor may utilize Welded Wire Reinforcement (WWR) when approved by the Engineer. WWR must consist of Deformed wire meeting the requirements of Specification Section 931.



DETAIL "B" - SECTION AT INTERMEDIATE OPEN JOINT

INTERMEDIATE JOINT SEAL NOTES:

- 1. At Intermediate Open Joints, seal the lower 6" portion of the open joint with Pre-cured Silicone Sealant in accordance with Specification Section 932.
- 2. Apply sealant prior to any Class V finish coating and remove all curing compound and loose material from the surface prior to application of bonding agent.
- 3. The cost of the Pre-cured Silicone Sealant shall be included in the Contract Unit Price for the Traffic Railing.



SECTION THRU RECESSED "V" GROOVE TO FORM INSCRIBED LETTERS AND FIGURES

| ESTIMATED TRAFFIC RAILING QUANTITIES | | | | | |
|--------------------------------------|-------|----------|--|--|--|
| ITEM | UNIT | QUANTITY | | | |
| Concrete | CY/LF | 0.154 | | | |
| Reinforcing Steel | LB/LF | 44.71 | | | |

The estimated railing quantities are based on a 2% deck cross slope; railing on low side of deck.

