
$\rightarrow$

CROSS REFERENCE
For General Notes, Dowel Details, Expansion Dowel Details, Reinforcing Steel Notes and Reinforcing Steel Bending Diagram see Inde
$521-480$.

| $\begin{gathered} \text { LAST } \\ \text { REVISION } \\ \text { O7/01/09 } \end{gathered}$ | \| | $\begin{gathered} \text { FY 2020-21 } \\ \text { FDOTANDARD PLANS } \end{gathered}$ | TRAFFIC RAILING - (VERTICAL FACE RE TROFITT) SPREAD FOOTING APPROACH | $\begin{gathered} \text { INDEX } \\ 521-484 \end{gathered}$ | $\begin{aligned} & \text { SHEET } \\ & 1 \text { of } 10 \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |



See Schemes 1 thru 7 for
Details and Reinforcement
Begin or End Bridge
and Begin Spread
Footing Approach

## partial plan view <br> (With Curb Approach)

$$
\begin{aligned}
& \text { Begin or End Approac } \\
& \text { Slab Transition (see } \\
& \text { Crhomact }
\end{aligned}
$$

$$
\begin{aligned}
& \text { Slab Transition (see } \\
& \text { Schemes for Details }
\end{aligned}
$$


artial elevation View
(With Curb Approach)


PARTIAL ELEVATION VIEW
(Without Curb Approach)

NOTES

## $\overline{\text { GUARDRAIL END TRANSITION }}$ <br> $\longrightarrow$

1. On approach end provide a Roadway Guardrail Transition, Index 536-002 (Sheet 16 -
Scheme 1) or other site specific treatment See Roadway Plans for limiting station of

Roadway Guardrail Transition or other site specific treatment
2. Provide Railing \& Curb Base Transitions (as shown) if curb does not extend beyond end of Spread Footing Approach, see Roadway Plans. Railing End Transition \& Railing \& Curb Base Transitions may be omitted on trailing ends with no opposing traffic.


| ESTIMATED TRAFFIC RAILING RETROFIT SPREAD FOOTING APPROACH QUANTITIES |  |  |
| :---: | :---: | :---: |
| ITEM | UNIT | QUANTITY |
|  |  | 9" Curb |
| Concrete - Typical Section | CY/Ft. | 0.25 |
| Reinforcing Steel - Typical Section | Lb./Ft. | 38 |
| Concrete - 20'-0" Tapered End Transition plus Footing | Cr | 4.57 Total |
| Reinforcing Steel - 20'-0' Tapered End Transition plus Footing | Lb. | 776 Total |



SECTION C-C


CROSS REFERENCES: For location of Sections $A-A, B-B$
and $X-X$ see Sheet
For location of Section $C-C$ see
Sheet 3.
ED END TRANSITION
Bars 5S not shown for clarity)

| $\begin{gathered} \text { LAST } \\ \text { REVISION } \\ 07 / 01 / 09 \end{gathered}$ |  | $\begin{gathered} \text { FDO 2020-21 } \\ \text { STANDARD PLANS } \end{gathered}$ | TRAFFIC RAILING - (VERTICAL FACE RETROFIT) SPREAD FOOTING APPROACH |
| :---: | :---: | :---: | :---: |







PARTIAL ELEVATION OF INSIDE FACE OF RAILING
(Expansion Dowel Assemblies and Bars 4C not shown for clarity)
CROSS REFERENCES:
For Section A-A see Sheet 4
For Section D-D see Sheet
For Section D-D see Seeet 5 .
For Expansion Dowel Assembly and placement of Dowel Bars 6 D Details see Index 521-480.

| LAST <br> REVIIION <br> O7/01/09 | 年\| DESCRIPTION: | FDOFTFY 2020-21 <br> STANDARD PLANS | TRAFFIC RAILING - (VERTICAL $\mathbb{F A C E} \mathbb{R E} T R O F I T)$ <br> SPREAD FOOTING APPROACH | $\begin{gathered} \text { index } \\ 521-484 \end{gathered}$ | $\begin{aligned} & \text { SHEET } \\ & 9 \text { of } 10 \end{aligned}$ |
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Partial elevation of inside face of railing
(Expansion Dowel Assemblies and Bars 4C not shown for clarity)

工 SCHEME 7 ~ MODIFICATION FOR INDEX 521-483 SCHEME 3 = Railing end treatment for parallel curbs and flared wing walls with intermediate curbs


SECTION I-I
** Match curb height at adjoining existing end bent wing.

CROSS REFERENCES:
For Section A-A see Sheet
For Section D-D see Sheet
For Section H-H see Sheet 9 .
For Expansion Dowel Assemblies and
placement of Dowel Bars 6D Details see Index 521-480.

