

## TYPICAL END CROSS FRAME CFI <br> ＊＊Three sides，to bock face of channel only，tye．




End Cross frames ot the Stage Line shall be installed ofter

Stage I deck pour．See Stoge III Deck Pour ond Closure
Sequencing on sheet S28 of S49．Timber block posts shal be used to support Stage I concrete formwork at the Abutments．Contractor shall apply grout to the top of the
top channel of the end cross frames to ensure full contact top chonnel of the end cross fromes to ensure full contact
between the Stoge I concrete deck and the top of the channel of the end cross fromes．Cost of fimber block posts and grout shall be included in Furnishing and Erecting Structural Steel．

TYPICAL INTERIOR／END CROSS FRAME CF3
＊ $5_{16 "}$（between Splice 1 \＆2）

## Notes：

 See fromingcross fromes． connection plates，and bearing stiffeners，unless otherwise noted． connection plates，ond bearing stitifeners，，unlees ohtherwise noted．
Load corrying components designated＂NTR＂shall conform to the Impact Testing Requirements，Zone 2.
All cross fromes between girders shall be installed with erection pins and bolts in accordance with erection plan submitted to and be femporarily disconnected to install bearing anchor rods． The calculoted deflections of the primary girders under steel self－weight shall be used to detail the cross frame connections， and to erect the structural steel such that girders will be plumb
within o follerance of $\pm$＇夕＂per vertical foot throughout the lenath within a follerance of $\pm 8$＂per vertical foot throughout the
of the girder system when supporting their own weight． No connection plate on exterior side of exterior girders．


GIRDER SELF－WEIGHT DEFLECTION DIAGRAM
See Screed Dimension Layout Table on sheet 58 of 549 for span lengths．

| Location | Girder |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| $\bigcirc$ | ＇z＂ | $7_{8}{ }^{\prime \prime}$ | $1^{3}{ }^{\prime \prime}$ | $3_{8 \prime \prime}$ |  | $7_{8 \prime \prime}$ |  |
| c |  |  | ${ }_{1}^{15^{5 \prime \prime \prime}}$ | 動＂， |  |  | ${ }_{3}^{13_{4}^{3} 8^{\prime \prime}}$ |
| c |  | 3．＂${ }^{3}$ | 隹 | ${ }^{3}{ }_{8}{ }^{8 \prime \prime}$ |  |  |  |
| ${ }_{e}$ | ${ }^{-8}$ | － $8_{8 \prime \prime}^{\prime \prime}$ | － $4_{4 \prime \prime}$ | ${ }^{1}{ }^{\prime \prime}$ | －${ }_{\text {－}}^{8 \prime \prime}$ | － | －${ }_{-1}{ }_{4}$ |
| f | $0^{\prime \prime}$ | － $8_{8 \prime \prime}^{\prime \prime}$ | ${ }^{-4} 4^{\prime \prime}$ | ${ }^{\circ \prime}$ | ${ }^{-1} 8^{\prime \prime}$ | ${ }^{-1} 8^{\prime \prime}$ | ${ }^{-\frac{8}{8 \prime \prime}}$ |
| ${ }_{\text {g }}$ | 名＂ |  |  |  |  |  |  |
| $\stackrel{n}{j}$ | ${ }_{8}^{4}{ }_{8}^{\prime \prime}$ | ${ }^{2 \prime \prime}$ | ${ }^{\frac{5}{8 \prime \prime}}$ | ${ }_{4}^{4 \prime \prime}$ |  | ${ }_{6}^{5_{2}^{\prime \prime \prime}}$ |  |

