



TYPICAL ABUTMENT SECTION

SCALE: $\frac{1}{4}" = 1'-0"$

NOTES:

1. Provide applicable pile/spread footing capacity notes from Dwg. No. 3.1.6.
2. If piles are required see relevant portions of Section 3.6.
3. All dimensions are for square sections.
4. Show appropriate slope treatment.
5. See Dwg. No. 3.1.6 for Construction Notes.
6. Provide required Temperature and Shrinkage Reinforcement as follows:

| Abutment/Wall Thickness, t, (in.) | Bar Size | Spacing (in.) |
|-----------------------------------|----------|---------------|
| $t \leq 18"$ | #4 | 12" |
| $18" < t \leq 24"$ | #5 | 12" |
| $24" < t \leq 42"$ | #6 | 12" |
| $42" < t \leq 48"$ | #7 | 12" |

7. Match size and spacing of vertical bars in stem. Provide length of these reinforcing bars as follows:
 - for #4 and #5 bars - 2'-0"
 - for #6 bars - 2'-6"
 - for #7 bars - 2'-10"

One-half of the specified bar length shall be embedded into the footing.



LRFD BRIDGE
MANUAL, PART II

TYPICAL STUB ABUTMENT SECTION

ABUTMENT DETAILS

DATE OF ISSUE
JUNE 2013

DRAWING NUMBER

3.1.3