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| | | | | | CONVENTION | AL REINFORCI | 'NG STEEL BENDI | NG DIAGRAMS | | |
|--|--|---|--|--|--|--|---------------------------------------|--------------------------------|----------------|--------------|
| BILL O | F REIN | FORCING | STEEL | | | 8½" | | 4'-8'' | | |
| MARK | SIZE | LENGTH | LB/BAR | | | | - | | | |
| P1 | 7 | 7'-4'' | 15.00 | | | | | | | |
| P2 | 7 | 7'-3'' | 14.82 | Bars 6R1, 5R2 & 4R3 * | | ľ | Mir | | | 81/2" |
| Ρ3 | 7 | 7'-2" | 14.65 | Length As Required | 1, - <u>3</u> " | | Nax Max | |) | <u> </u> |
| *** P4 | 7 | 7'-3'' | 14.82 | | | | | Stirrup Bar | 453 | |
| * P5 | 4 | 2'-11" | 1.94 | | | | arie 7 | | | |
| R1 | 6 | As Reqd. | 1.5 (LB/LF) | Bars 6R1, 5R2 & 4R3 | Stirrup Bar 4S1 | $\bigcup_{}$ | | | | 8' |
| R2 | 5 | As Reqd. | 1.04 (LB/LF) | | | | 6 2 | | | - |
| * R3 | 4 | As Reqd. | 0.67 (LB/LF) | | | Stirrup Bar 4. | 52 | 411 | | |
| ** 51 | 4 | 5'-0'' | 3.34 | | | | | 2'-1" | | ØA- |
| ** S2 | 4 | Varies 6'-3" Min. 16'-3" Max. | Varies 4.18 Min. 10.86 Max. | 2'-1" 7" | 7" | 2'-0" | | | Z'-1" | <u> </u> |
| ** 53 | 4 | 11'-3" | 7.52 | | | | | | | I |
| <i>T</i> | 6 | 11'-4'' | 17.02 | | |) | | | | |
| U | 5 | 4'-8'' | 4.87 | | | | | 2'-9' | | |
| V 1 | 4 | 3'-2'' | 2.12 | ,,0 | 2'-1" | 5'-1" | | | | |
| *** V2 | 4 | 3'-6" | 2.34 | 2'-1 | 51 | | Paralle | I to Joint _ ØA ~ | | |
| Concret | e Retaini. | ng Walls. | | Bar 7P1 | Bar | 7P2 | | Bar 7P3 (Requ 3 Dimensional | uires Bend) | |
| REINFORC 1. All bar 2. The re shall b where prohibi 7P3 an | CING STE dimensio inforceme e the sau applicabl it placeme od 4V1 as | EL NOTES: ens in the be ent for the r me as detail e. If botton ent, Bars 7P shown. | ending diagrams railing on a C-I- ed above for a n horizontal leg 24 and 4V2 may | ; are out to out. -P Concrete Retaining Wall 8" deck with ØA = 90°, 1s of Bars 7P1, 7P3 and 4V1 be substituted for Bars 7P1, | ROADWAY OR SIDEWALK CROSS-SLOPEHIC SII0% to 2%902% to 6%916% to 10%91 | GH LOW DE SIDE 4 ØA 9° 90° 3° 87° 5° 84° | Top of C-I-P Concrete Retaining | 2-1" | | |
| 3. All re unless | inforcing otherwis | steel at the e noted. | e open joints sh | ıall have a 2" minimum cover | an chall be 90° if Contra | | Wall | | | ESTIMAT |
| 4. At Cor splicea Bar 6R length | nstructior 1. Where 21, a 2'-2' for Bars | Joints Bars bars are sp ' Min. lap le 483 | s 6R1, 5R2 and bliced provide a ngth for Bars 5 | 4R3 may be continuous or 2'-7" Min. lap length for 5R2 and a 1'-8" Min. lap | to place Railing Perpendic the Deck. | ular to | | ength 4'-1 | | ITE |
| 5. The si | kew angle | for Bars 7 | 'P3 may vary fr | om joint to joint and side | | | | 6" 11 Lé | Typical 10'- | 0" Section w |
| 10 5146 | e, see su | uctures Pia | ns, Superstruct | ure sheets for details. | | | | 2'- dmei | Typical 10'- | 0" Section v |
| | | | | | | | | mbe | Approach SI | ab with Gua |
| | | | | | | | | | | |
| | | | | | | | Bar 7 | P4 *** | | |
| LAST | Z DESC | RIPTION: | | T | | | | | | |
| revision 11/01/16 | REVISIC | | | | FDOT DESIGN S | TANDARDS | TI | RAFFIC RAII | LING - (CO | ORRAL |









LAST REVISION 07/01/05

Gutter Line

Deck Expansion

PARTIAL PLAN VIEW OF BRIDGE DECK AND APPROACH SLAB

- SKEW ANGLE 15 DEGREES OR LESS

Joint

Bridge Deck-

Bridge Deck

Reinforcement

Transverse

FDOT

FY 2017-18 DESIGN STANDARDS

- Approach Slab

Approach Slab reinforcement

Bar's 7P1 (Typ.)





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NOTES:

- Superstructure and Approach Slab Sheets for details.

- APPROACH SLAB WITH GUARDRAIL ATTACHED (NOT SHOWN):
- immediately adjacent to Begin or End Bridge.
- for details.
- 2) Bars 451 (not shown) shall be placed perpendicular or radial to the gutter.
- BRIDGE DECK AND APPROACH SLAB WITHOUT GUARDRAIL ATTACHED (NOT SHOWN):
- skew, see Detail above. Approach Slab reinforcement may be shifted if conflicts occur.
- APPROACH SLAB WITH GUARDRAIL ATTACHED (SHOWN):
- adjacent to Begin or End Bridge.

TRAFFIC RAILING - (CORRAL SHAPE)