

## C6 x 13 EMBEDDED IN 1/4" DIA. FLAT WASHER CONCRETE-風 TB0604 13/4" DIA. OR ALTERNATE SLOT DETAIL -TOP OF DECK 13/4" Dia. BOTTOM OF DECK $\leq 7_8$ " Ø H.S.BOLT & HEX NUT (A325), OR 1/8" Ø DOUBLE ENDED THREADED ROD & HEX NUT (A-193 GR. B7). $3\frac{1}{2}$ " x $3\frac{1}{2}$ " x $\frac{1}{2}$ " SQUARE WASHER (A36 OR A572) WITH 15% " Ø HOLE. AT THE DISCRETION OF THE ENGINEER, A LARGER WASHER SIZE MAY BE REQUIRED IF

SPALLING IS EVIDENT AT BOTTOM OF DECK.

DETAIL "B"

1/8" DIA. FLAT WASHER

## NOTES:

- BARRIER DELINEATOR TO BE SPACED IN ACCORDANCE WITH SECTION 702, OF THE ROAD AND BRIDGE SPECIFICATIONS AND THE BARRIER VERTICAL PANELS TO BE SPACED IN ACCORDANCE WITH VIRGINIA WORK AREA PROTECTION MANUAL. REFLECTIVE SURFACE, IN ALL INSTANCES, TO BE FACING ONCOMING TRAFFIC.
- 2. CONCRETE 4000 PSI(MIN.). REINFORCING STEEL GRADE 60.
- 3. AFTER REMOVING TEMPORARY BARRIER, CUT  $\frac{7}{8}$ " % BOLT OR THREADED ROD AS LOW AS PRACTICAL BELOW ROADWAY SURFACE AND FILL RECESS WITH EPOXY BONDING COMPOUND EP-4 (DETAIL "A") OR REMOVE  $\frac{7}{8}$ " % BOLTS OR THREADED RODS AND FILL HOLES WITH GROUT BONDED WITH EPOXY BONDING COMPOUND EP-4 (DETAIL "B").
- 4. ANCHOR SYSTEM SHOWN IN DETAIL "A" SHALL BE TESTED TO PROVIDE A MINIMUM PULLOUT OF 32,000 LBS. AND INSTALLED ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.
- 5. COST OF BARRIER DELINEATOR AND BARRIER VERTICAL PANELS TO BE INCLUDED IN PRICE BID PER LINEAR FOOT OF BARRIER SERVICE.
- WHEN BARRIER IS LOCATED ON VERTICAL AND/OR HORIZONTAL CURVES, THE OPENING AT THE JOINT IS NOT TO EXCEED 1".
- 7. DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT.
- 8. FOR POSITIVE CONNECTION DETAILS AND DIMENSIONS SEE STANDARD SHEETS 501.59 501.61.

SPECIFICATION REFERENCE

C6 x 13

EMBEDDED IN CONCRETE

13/4" DIA. OR

SLOT DETAIL

TOP OF DECK

ALTERNATE

TB0604

BOTTOM OF DECK

DETAIL "A"

TRAFFIC BARRIER SERVICE CONCRETE PARAPET (SINGLE FACE)
(FOR TEMPORARY INSTALLATION ON BRIDGE DECK EXTERIOR)

VIRGINIA DEPARTMENT OF TRANSPORTATION

REV. 7/02

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