3/4" Diameter

10:1

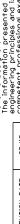
2' Min

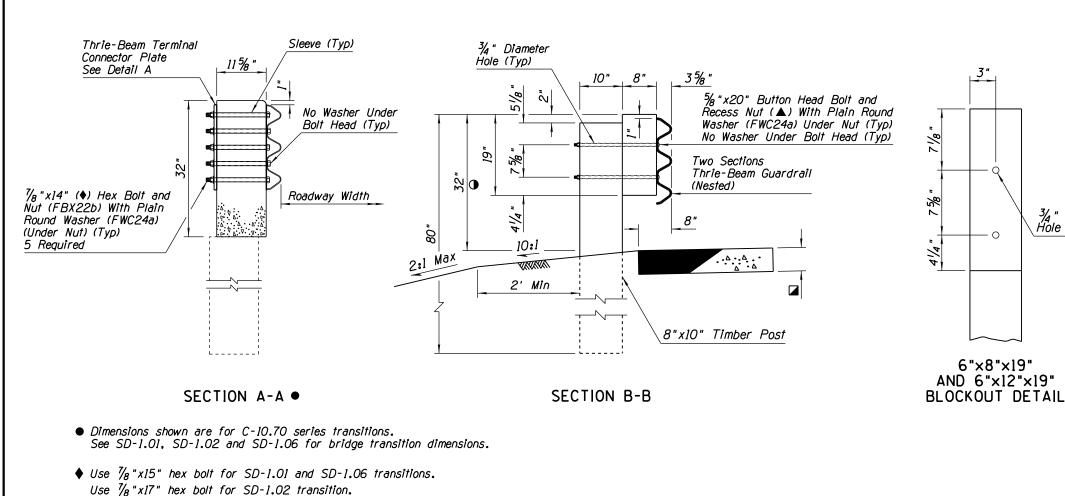
Hole (Typ)

9

20

2:1 Max





2 Per Blockout % "x22" Button Head Bolt and Recess Nut (A) With Plain Round Washer (FWC24a) Under Nut (Typ) 3%" 12" No Washer Under Bolt Head (Typ) Bolt Nested Steel Thrie-Beam Guardrail Together With 5/8 "x1 1/2" Button Head Bolt and Recess Nut (FBB01) (Typ) 16 12 Required . 22 0 Two Sections Thrie-Beam Guardrail (Nested) Spliced to One Section Thrie-Beam Guardrail 2:1 Max ··›... 6"x8" Timber Post

SECTION C-C SECTION D-D

16d Galvanized Nail (Typ)

¾ " Diameter

10:1

2' Min

Hole (Typ)

## GENERAL NOTES

- 1. Anchor plate shall conform to ASTM specification A36. bolts, washers and anchor plate shall be galvanized or, at the contractors option, stainless steel bolts and washers may be used.
- 2. Manufacture components according to the AASHTO-AGC-ARTBA Guide to Standardized Highway Barrier Hardware. Visit the Roadway Engineering web site to view the drawings referenced in parenthesis.
- 3. Curb shall not be used with timber post quardrail transition.
- 32" dimension to top\_of blockout is measured at face of guardrail. Top of guardrail shall be 31" measured at face of rail.
- ▲ Shall meet the same material requirements as FBB07 with the noted length.

¾" Diameter Hole (Typ)

% "x22" Button Head Bolt and Recess Nut (▲) With Plain Round

Washer (FWC24a) Under Nut

No Washer Under Bolt Head

6"x8"x19"

No Bolt

6"x8" Timber Post

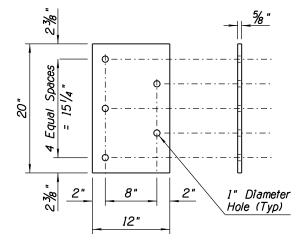
This Post Only

☑ 3" min thick AC or 6" min thick PCCP

Bolt Nested Steel W-Beams Together With \( \frac{1}{2} \) "x1 \( \section 2 \)" Nested W-Beam Button Head Bolt and 12 Gauge Recess Nut (FBB01) (Typ) 8 Required Normal W-Beam 12 Gauge

> Two Sections W-Beam Guardrail (Nested) Spliced to One Section W-Beam Guardrail

## SECTION E-E



DETAIL A THRIE-BEAM TERMINAL CONNECTOR PLATE

DRAWING NO. C-10.30 Sheet 2 of 2

STANDARDS ENGINEER	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION ROADWAY GROUP STANDARD DRAWING	
J. C. COOPER		
RECOMMENDED FOR APPROVAL		
GROUP MANAGER		
D. R. HENRY	GUARDRAIL TRANSITION TO CONCRETE BARRIER	DRAWING NO.
APPROVED		C-10.30
STANDARDS COMMITTEE APPROVED FOR DISTRIBUTION 12/17	TIMBER POST	C-10.50
DATE DATE	IIMDER FUSI	Sheet 2 of 2