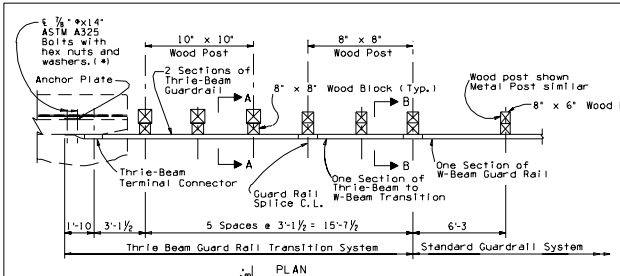
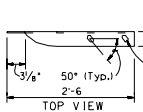
| F.H.W.A. REGION | STATE | PROJECT NO. | SHEET NO. | TOTAL SHEETS | AS BUILT |
|---|---|---|---|---|---|
| 9 | ARIZ. | | | | |

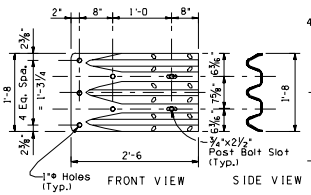



PLAN

(*) ⅞" ⌀x16" bolts for 42" F-Shape barrier transition.

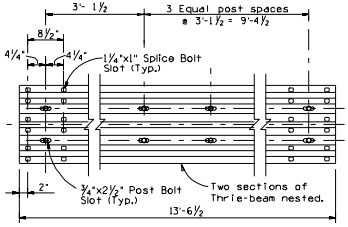



TOP VIEW



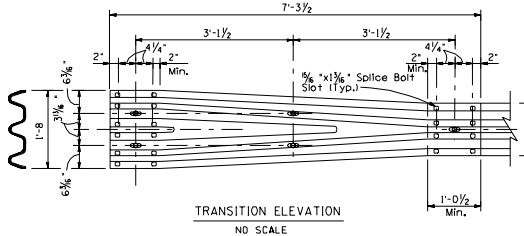

THRIE BEAM TERMINAL CONNECTOR

NO SCALE



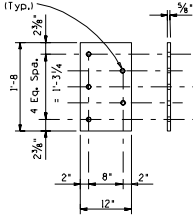

THRIE BEAM ELEVATION

NO SCALE




TRANSITION ELEVATION

NO SCALE




ANCHOR PLATE

NO SCALE

## GENERAL NOTES:

Structural steel shall conform to ASTM Specification A36 unless noted otherwise.

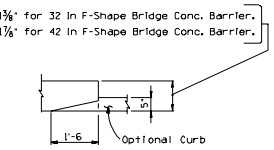
The terminal connectors shall be galvanized after fabrication in accordance with ASTM Specification A123.

Bolts, washers and anchor plate shall be galvanized or, at the contractors option, stainless steel bolts and washers may be used. They shall conform to or exceed the mechanical requirements of ASTM A325, unless noted otherwise.

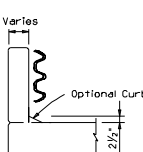
Overlap of the terminal connector, thrie beam, transition and guardrails shall be in the direction of the adjacent traffic lane.

Thrie Beam Transition Hardware provided is per AASHTO-AGC-ARTBA Joint Committe Task Force 13 Report.

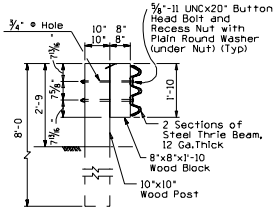
Item No. 9050430
THRIE BEAM GUARD RAIL TRANSITION SYSTEM.
Measure: Each




PART PLAN
(Showing Opt. Curb)
NO SCALE

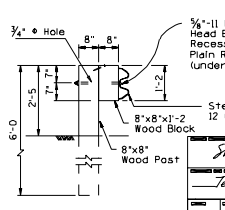



PART ELEVATION
(Showing Opt. Curb)
NO SCALE




SECTION A-A

NO SCALE




SECTION B-B

NO SCALE

| NO. | DESCRIPTION | DATE | APP'D |
|---|---|---|---|
| 5 | Update Text | 5-4-05 | |
| 4 | Update Text | 5-4-05 | |
| 3 | Update Text | 5-4-05 | |
| 2 | Update Text | 5-4-05 | |
| 1 | Minor Text Changes | 5-4-05 | |

Note to Designer:
Information presented in this Standard Detail has been prepared in accordance with recognized engineering principles and is for general use. It should not be used for specific application without competent engineering analysis. Modification of this standard may be required by a licensed professional engineer. Contents within the inner border line shall not be altered.

Shafiq N. Hasan
Jean A. Nehme

ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
**BRIDGE GROUP STRUCTURE DETAIL**

THRIE BEAM GUARD RAIL TRANSITION SYSTEM

SD 1.03

TRACS NO.

___ OF ___

ccccSYSTIMEccccc ccccDGNcSPECIFICATIONcccccc