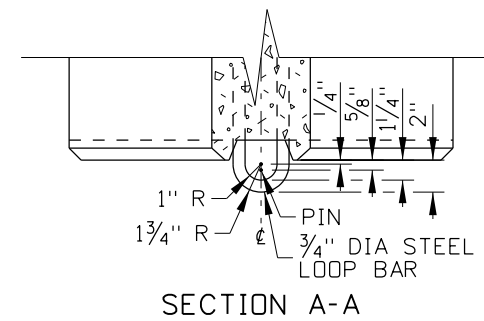
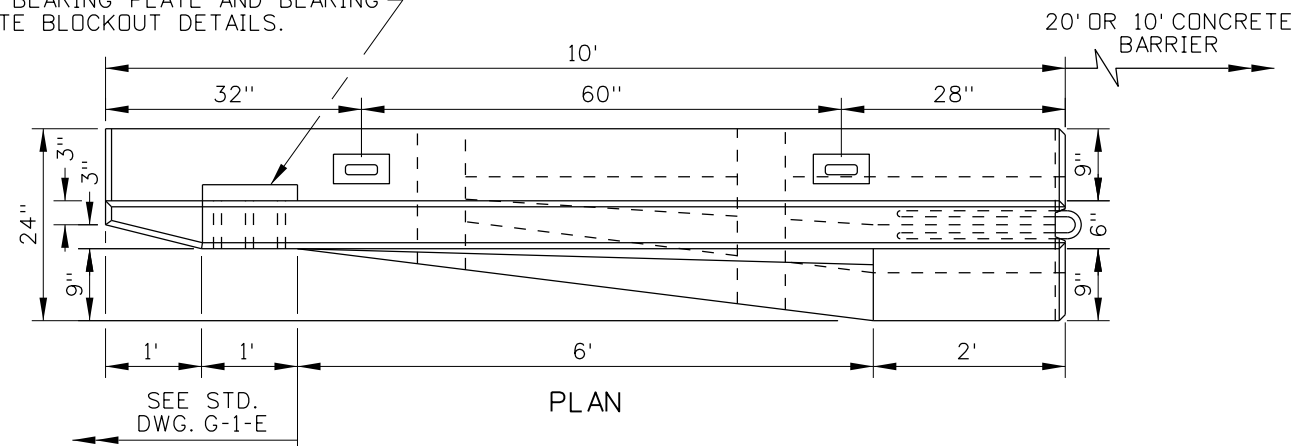
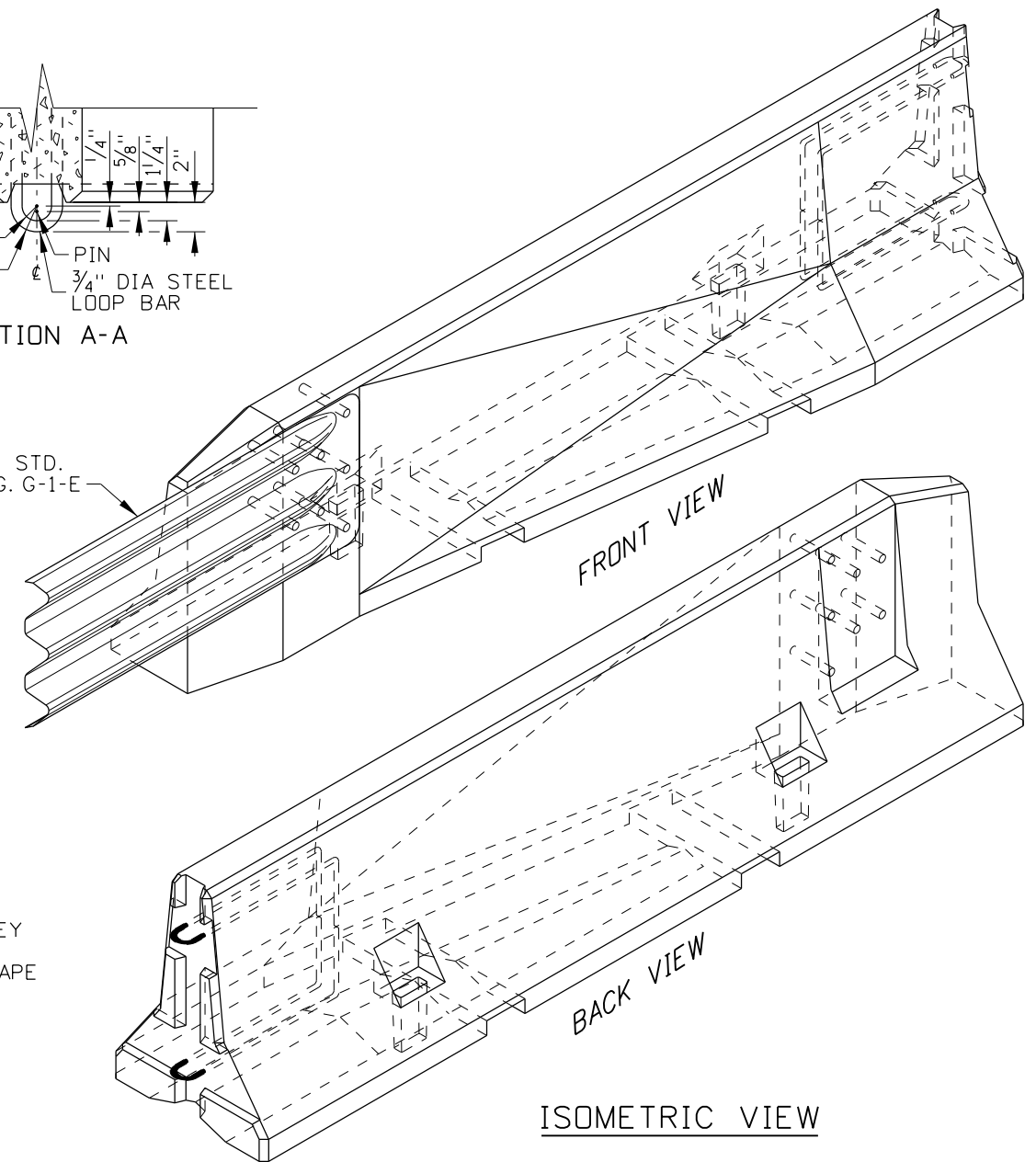


BLOCKOUT FOR BEARING PLATE.
SEE BEARING PLATE AND BEARING
PLATE BLOCKOUT DETAILS.



SECTION A-A

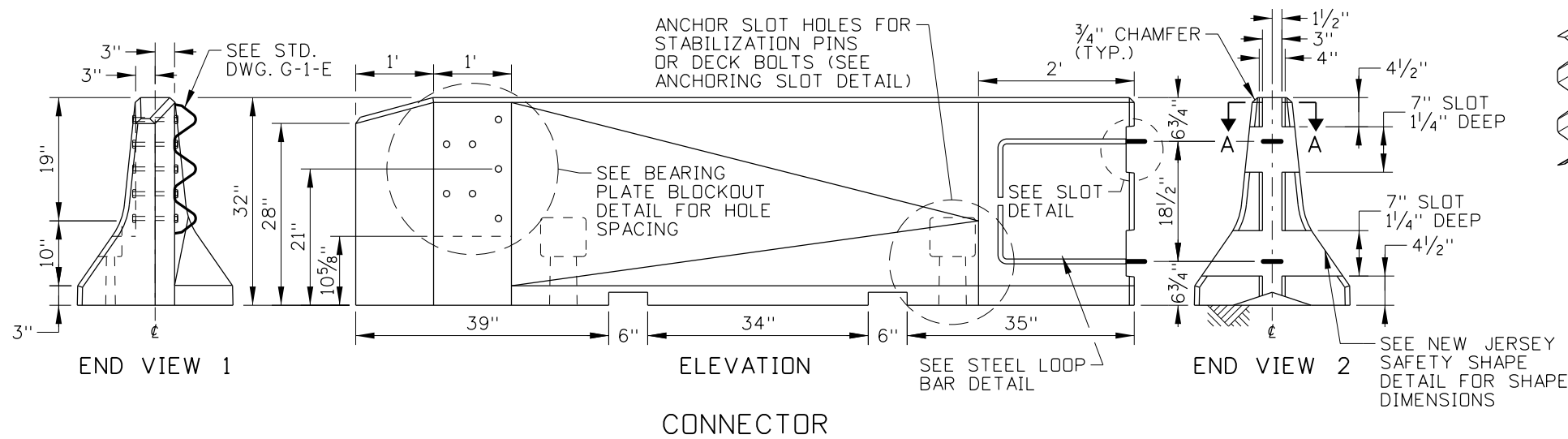
SEE STD.
DWG. G-1-E



FRONT VIEW

BACK VIEW

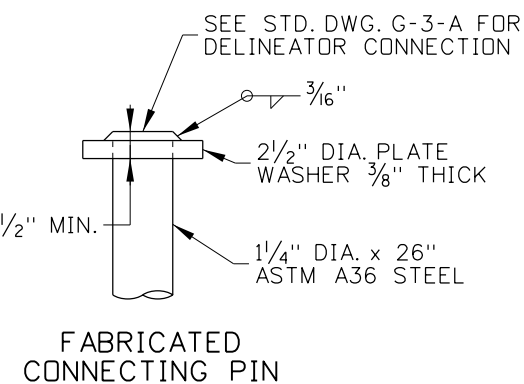
ISOMETRIC VIEW



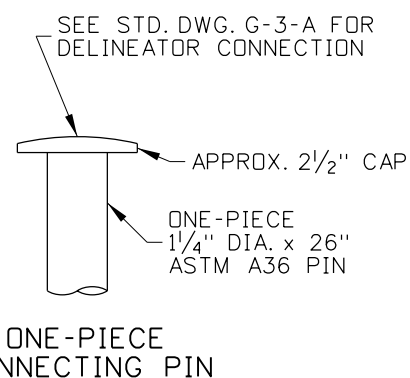
CONNECTOR

END VIEW 1

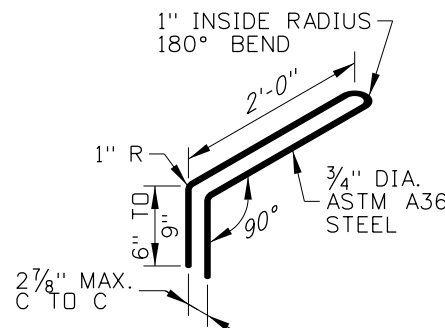
END VIEW 2



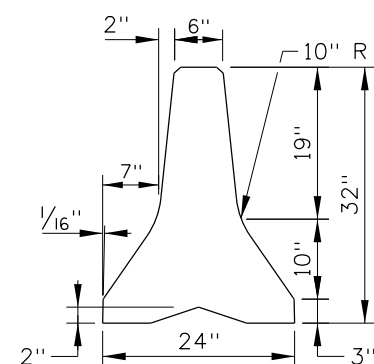
CONNECTING PIN DETAIL
(SEE NOTE NO. 5)



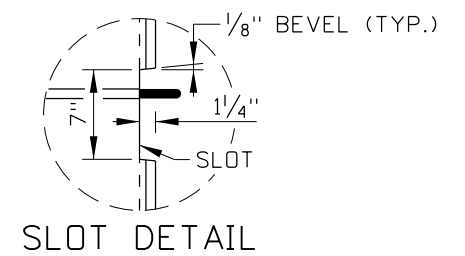
ONE-PIECE
CONNECTING PIN



STEEL LOOP BAR DETAIL



NEW JERSEY SAFETY SHAPE DETAIL



SLOT DETAIL

ORIGINAL STORED
AT: ITD,
Headquarters
3311 West State
Boise, Idaho

ORIGINAL SIGNED BY:
RYAN D. LANCASTER
DATE ORIGINAL SIGNED:
NOVEMBER 6, 2013

REVISIONS							
NO.	DATE	BY	NO.	DATE	BY	NO.	DATE
1	6-80		6	12-94	MSM	11	11-04
2	5-82		7	2-96	MSM	12	10-13
3	7-88	GB	8	5-99	MSM		
4	1-91	GB	9	10-02	MSM		
5	12-92	MSM	10	4-04	MSM		

SCALES SHOWN
ARE FOR 11" X 17"
PRINTS ONLY

CADD FILE NAME:
g2d_1113.dgn

DRAWING DATE:
AUGUST, 1977

**IDAHO
TRANSPORTATION
DEPARTMENT**



BOISE IDAHO

ORIGINAL SIGNED BY: TOM COLE
HIGHWAYS PROGRAM OVERSIGHT ENGINEER

ORIGINAL SIGNED BY: TOM COLE
CHIEF ENGINEER

STANDARD DRAWING

**CONCRETE BARRIER TO THRIE
BEAM GUARDRAIL CONNECTOR**

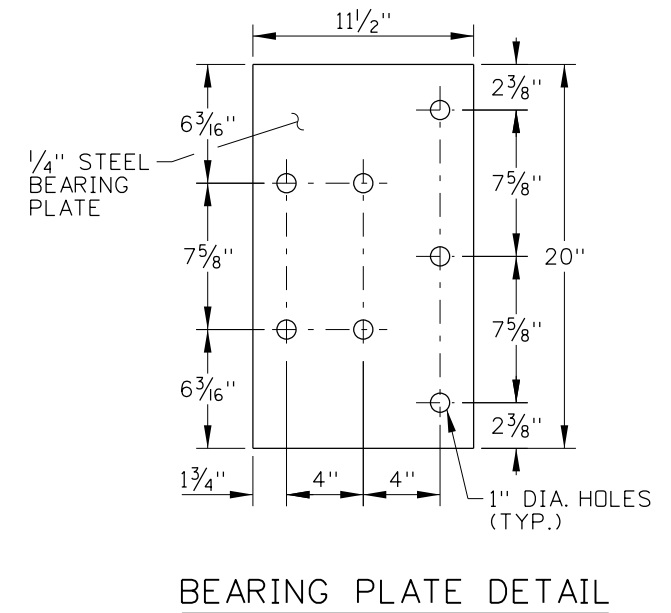
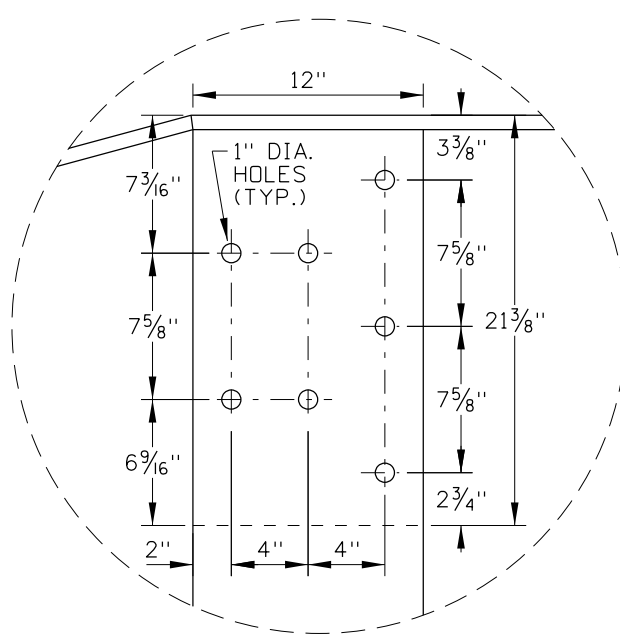
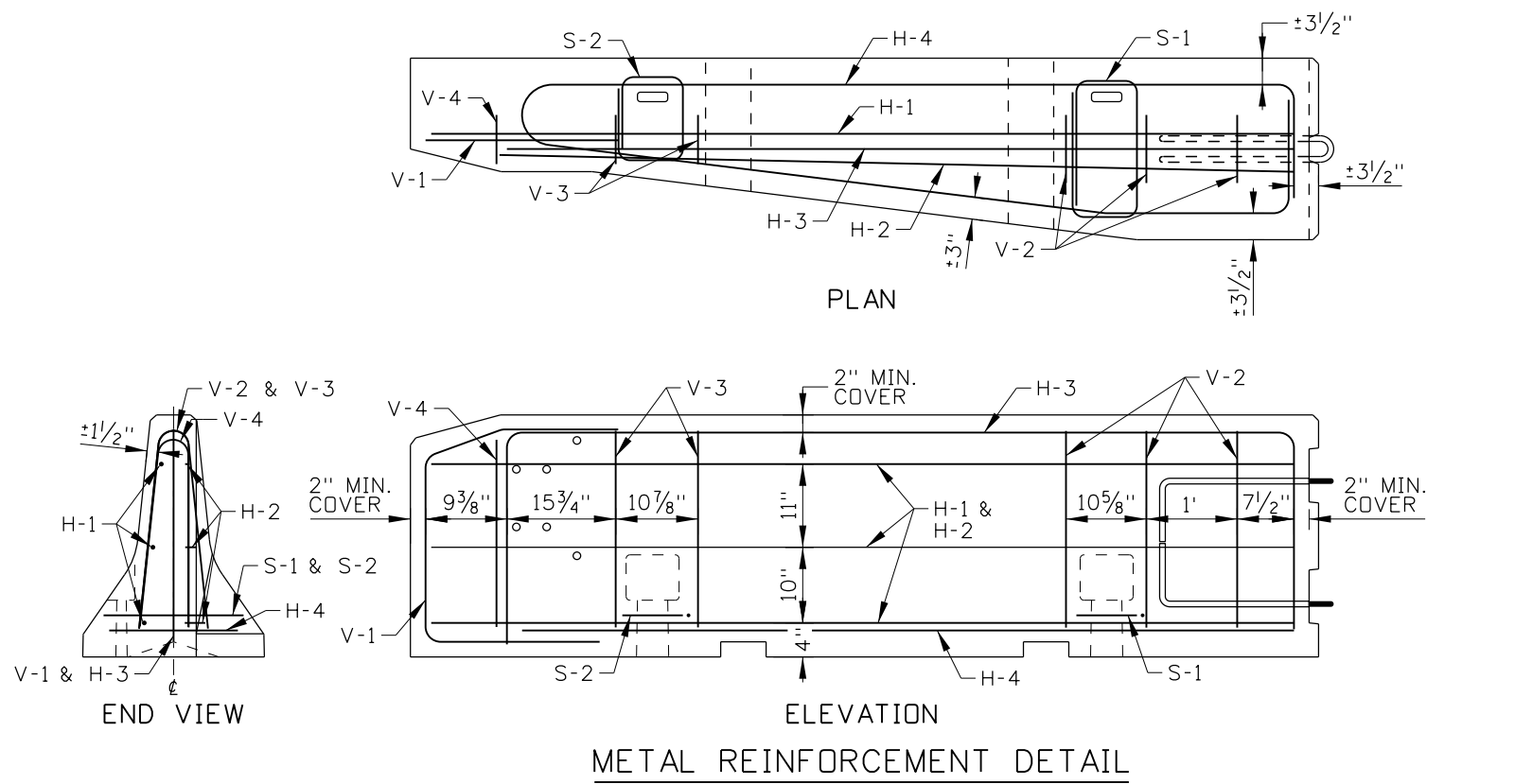
REQUIRES SHEETS 2 OF 3, 3 OF 3,
& STD. DWG. G-1-E

English

STANDARD DRAWING NO.
G-2-D

SHEET 1 OF 3

REINFORCING STEEL TABLE (SEE NOTE NOS. 2, 3, & 4)						
MARK	LOCATION	BAR SIZE	NUMBER OF BARS	BAR LENGTH	SKETCH	
H-1	HORIZONTAL IN BARRIER - TIED TO INSIDE BACK OF V-2, V-3, & V-4 BARS	NO. 5	3	9'-6"		
H-2	HORIZONTAL IN BARRIER - TIED TO INSIDE FRONT OF V-2, V-3, & V-4 BARS	NO. 5	3	8'-9"		
H-3	TIED UNDER V-2, V-3 AND V-4 AND SET BETWEEN STEEL LOOP BARS. TOP TIED ON V-1.	NO. 5	1	13'-0"		
H-4	HORIZONTAL IN BARRIER BASE - FRONT END TIED TO V-1 BOTTOM	NO. 5	1	20'-0"		
V-1	VERTICAL IN BARRIER END - TIED TO H-3 AND TOP OF LOOP V-4	NO. 5	1	6'-0"		
V-2	VERTICAL IN BARRIER - AT TRAILING END. TWO CENTERED OVER TRAILING ANCHOR SLOT	NO. 5	3	4'-9"		
V-3	VERTICAL IN BARRIER. TWO CENTERED OVER APPROACHING SLOT	NO. 5	2	4'-9"		
V-4	VERTICAL IN BARRIER AT APPROACHING END OF BARRIER	NO. 5	1	4'-6"		
S-1	HORIZONTAL AROUND TRAILING ANCHOR SLOT	NO. 4	1	5'-3"		
S-2	HORIZONTAL AROUND APPROACHING ANCHOR SLOT	NO. 4	1	3'-8"		



BEARING PLATE BLOCKOUT DETAIL

BEARING PLATE DETAIL

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SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
 CADD FILE NAME: g2d_1113.dgn
 DRAWING DATE: AUGUST, 1977

IDAHO TRANSPORTATION DEPARTMENT

BOISE IDAHO

ORIGINAL SIGNED BY: TOM COLE
 HIGHWAYS PROGRAM OVERSIGHT ENGINEER

ORIGINAL SIGNED BY: TOM COLE
 CHIEF ENGINEER

STANDARD DRAWING

CONCRETE BARRIER TO THRIE BEAM GUARDRAIL CONNECTOR

REQUIRES SHEETS 1 OF 3, 3 OF 3, & STD. DWG. G-1-E

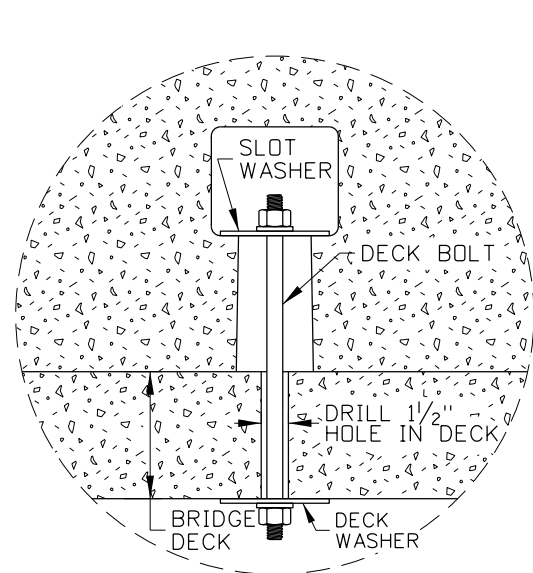
English

STANDARD DRAWING NO. **G-2-D**

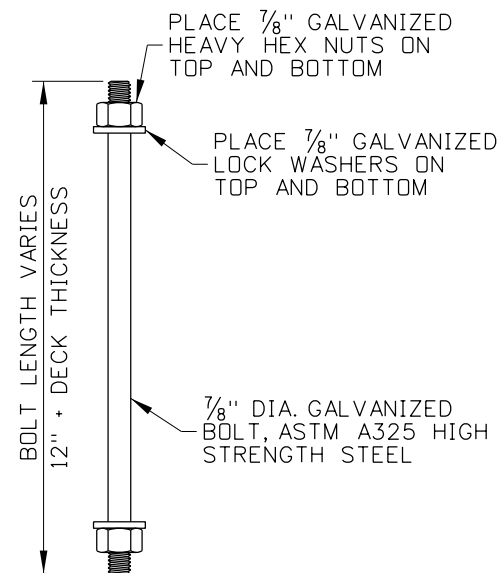
SHEET 2 OF 3

ORIGINAL STORED AT: ITD, Headquarters 3311 West State Boise, Idaho

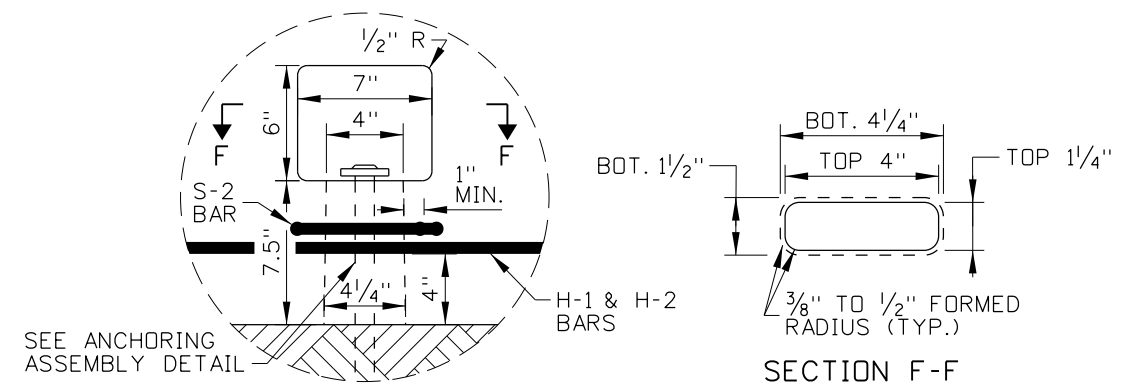
ORIGINAL SIGNED BY: RYAN D. LANCASTER
 DATE ORIGINAL SIGNED: NOVEMBER 6, 2013



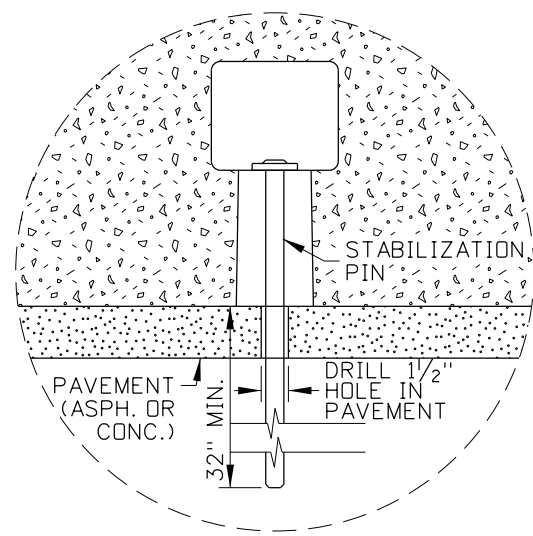
DECK BOLT ANCHORING



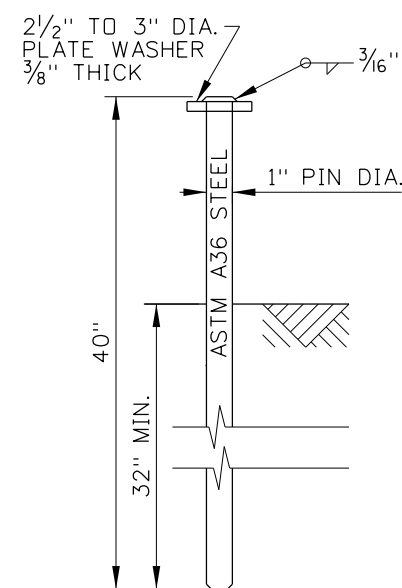
DECK BOLT



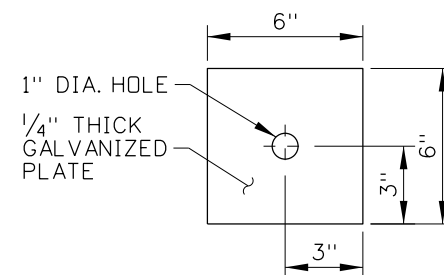
ANCHORING SLOT DETAIL
(SEE NOTE NO. 5)



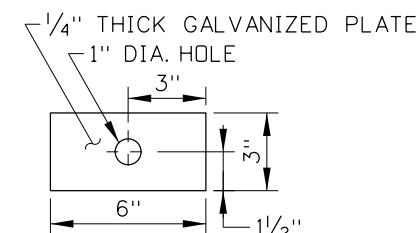
STABILIZATION PIN ANCHORING



STABILIZATION PIN



DECK WASHER



SLOT WASHER

NOTES

- CONNECTOR MAY BE PRECAST AS SHOWN OR AS A MIRROR IMAGE FOR USE WITH TRAFFIC TRAVELING IN THE OPPOSITE DIRECTION.
- PRECAST USING CONCRETE CLASS 40A. ENSURE THAT REINFORCING STEEL IS IN ACCORDANCE WITH SECTION 708 - METALS OF THE STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION. PROVIDE 2" MINIMUM CONCRETE COVER OVER REINFORCING STEEL UNLESS OTHERWISE NOTED.
- ENSURE THAT REINFORCING STEEL BENDS ARE MADE IN ACCORDANCE WITH THE LATEST A.C.I. STANDARD PRACTICES AND AASHTO SPECIFICATIONS.
- THE DIMENSIONS SHOWN IN THE REINFORCING STEEL TABLE ARE MEASURED FROM OUTSIDE-TO-OUTSIDE (O. TO O.) OF BENDS OR BAR ENDS. THE DIMENSIONS SHOWN ON THE METAL REINFORCEMENT DETAIL ARE MEASURED FROM CENTER OF BAR TO CENTER OF BAR.
- ANCHOR THE CONNECTOR TO THE PAVEMENT STRUCTURE SECTION OR BRIDGE DECK USING STABILIZATION PINS OR DECK BOLTS AND CONNECT TO 10' OR 20' CONCRETE BARRIER USING A CONNECTING PIN.
- WHEN CONNECTING TO 10' OR 20' CONCRETE BARRIER, THE EXPOSED STEEL LOOP BARS MAY BE BENT (MECHANICALLY, NOT WITH HEAT) TO FIT.
- PROVIDE THRIE BEAM GUARDRAIL IN ACCORDANCE WITH STANDARD DRAWING G-1-A-5 AND GUARDRAIL TERMINAL TYPE 3 IN ACCORDANCE WITH STANDARD DRAWING G-1-E.
- NOT TO SCALE.

ANCHORING ASSEMBLY DETAIL
(SEE NOTE NO. 5)

ORIGINAL STORED AT: ITD, Headquarters 3311 West State Boise, Idaho

ORIGINAL SIGNED BY: RYAN D. LANCASTER DATE ORIGINAL SIGNED: NOVEMBER 6, 2013

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STANDARD DRAWING
CONCRETE BARRIER TO THRIE BEAM GUARDRAIL CONNECTOR
REQUIRES SHEETS 1 OF 3, 2 OF 3, & STD. DWG. G-1-E

English
STANDARD DRAWING NO.
G-2-D
SHEET 3 OF 3