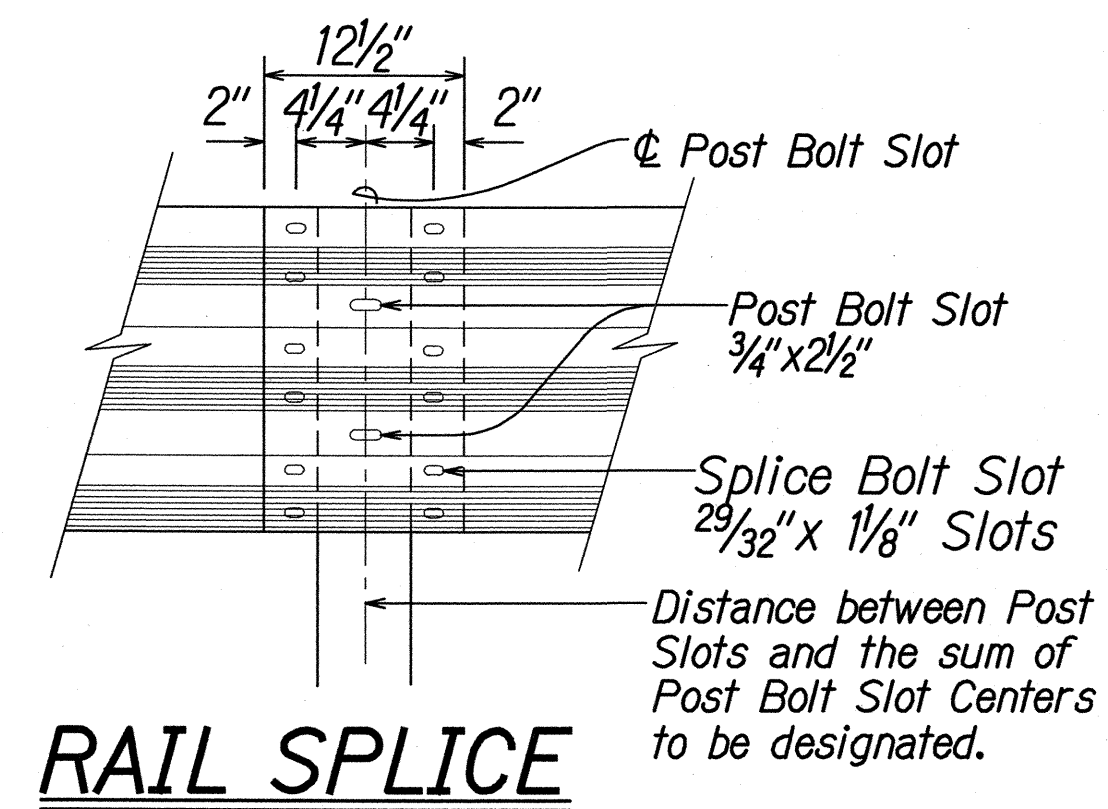
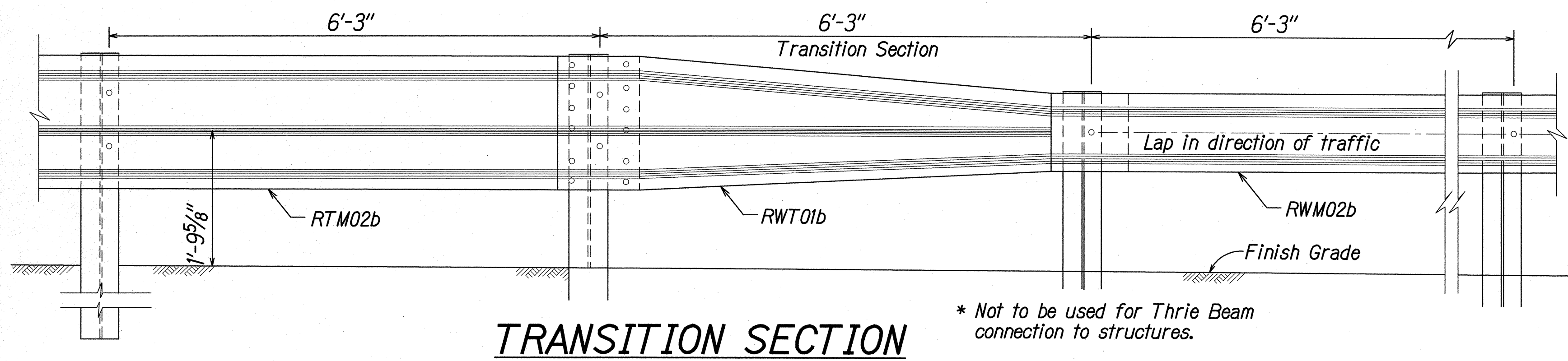
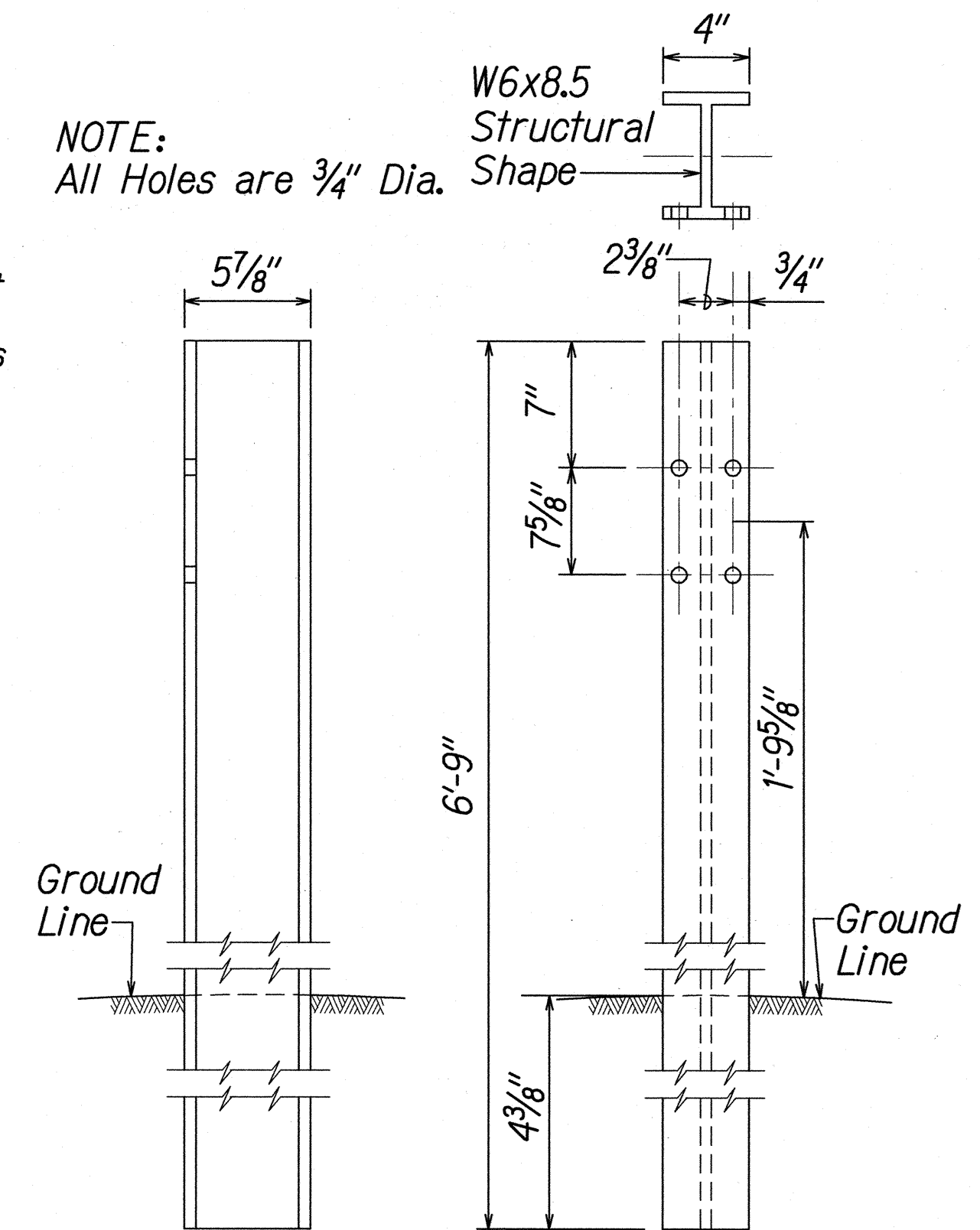


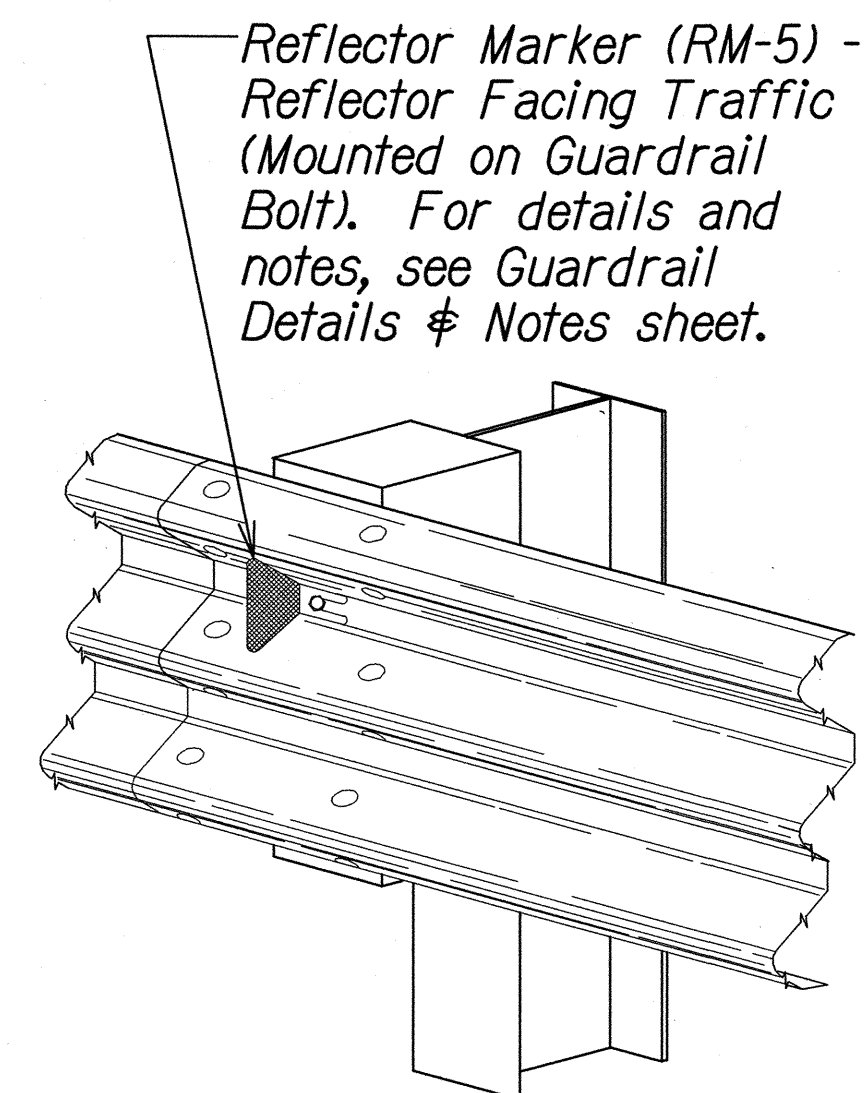
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-072-1(53)	2015	21	117



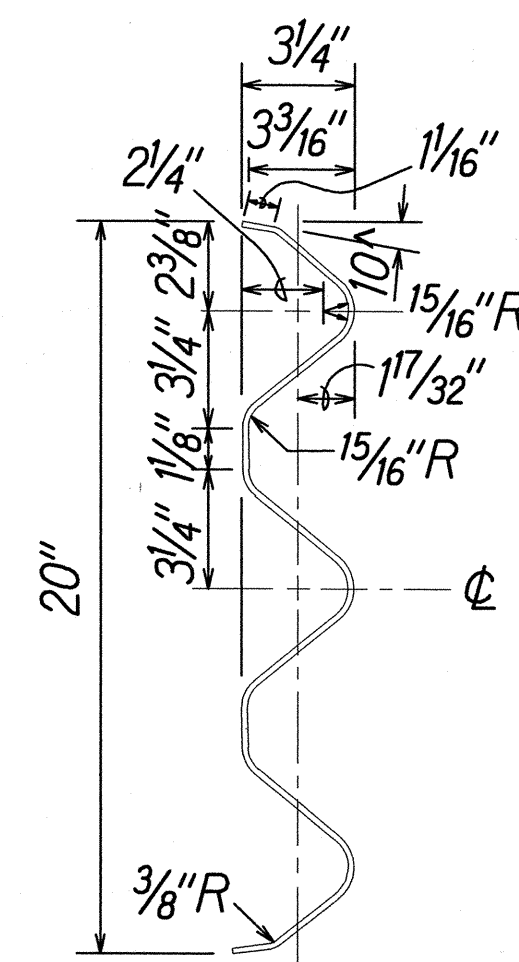
NOTE:
All Holes are $\frac{3}{4}$ " Dia.



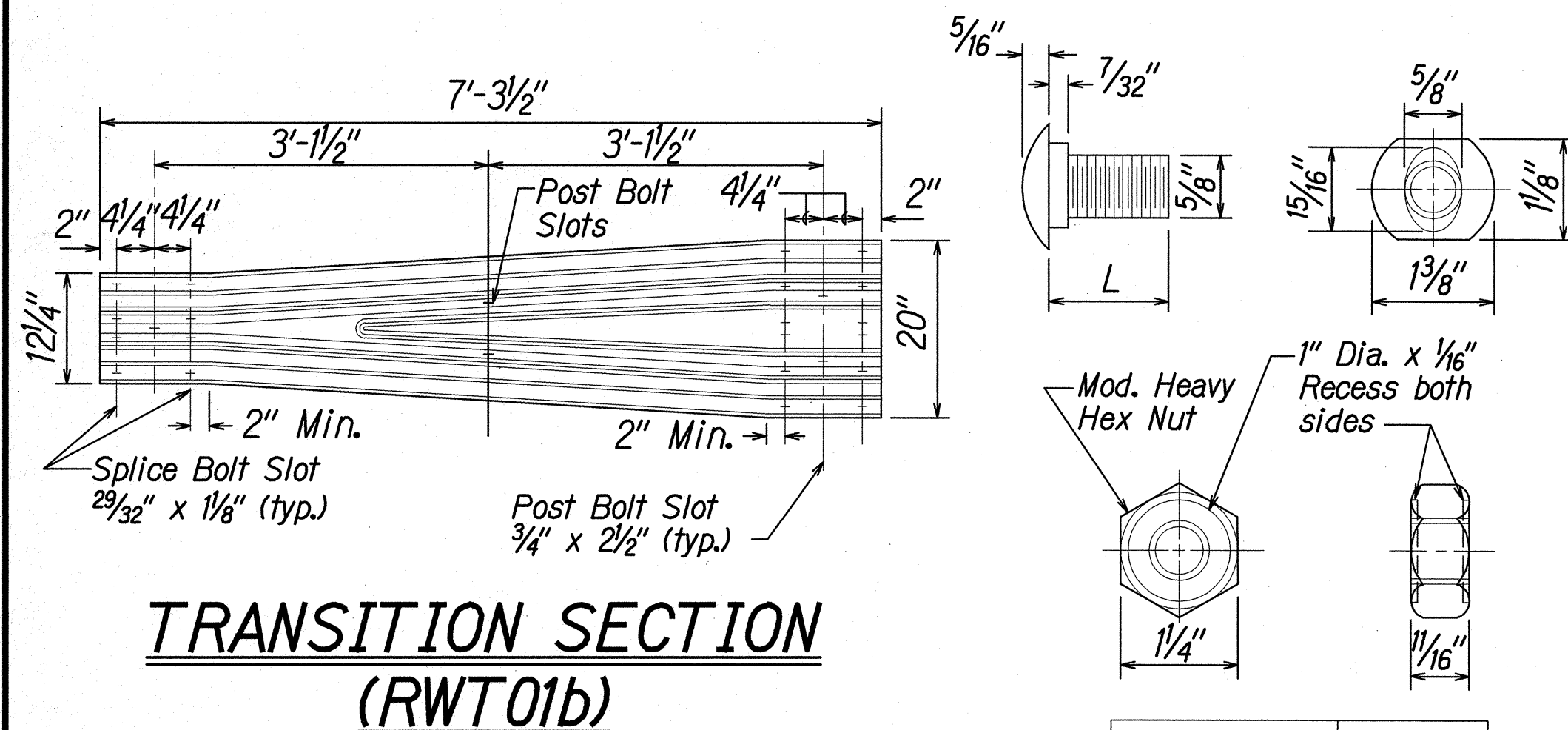
SIDE FRONT THREE-BEAM STRONG POST FOR PLASTIC SPACER BLOCKS



TYPICAL INSTALLATION OF REFLECTOR MARKER (RM-5)

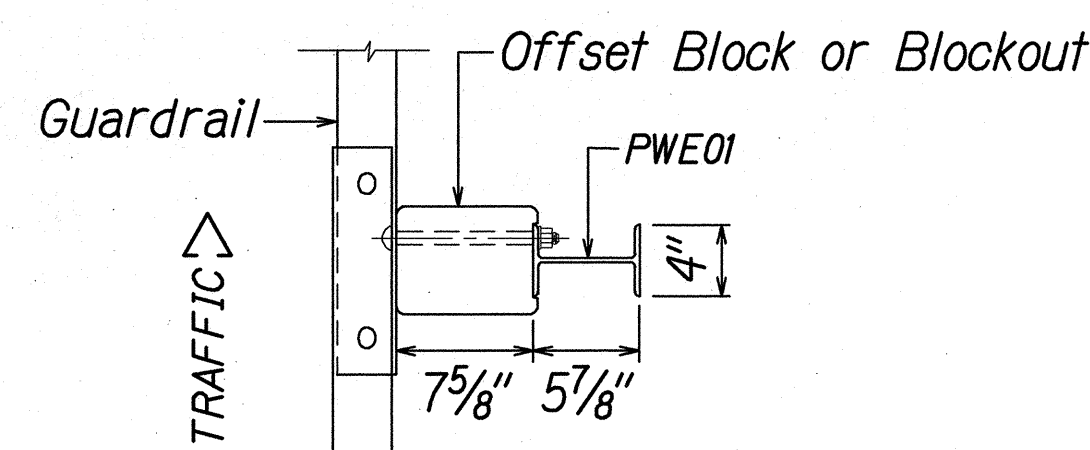


SECTION THRU
RAIL ELEMENT
(RTM02b)

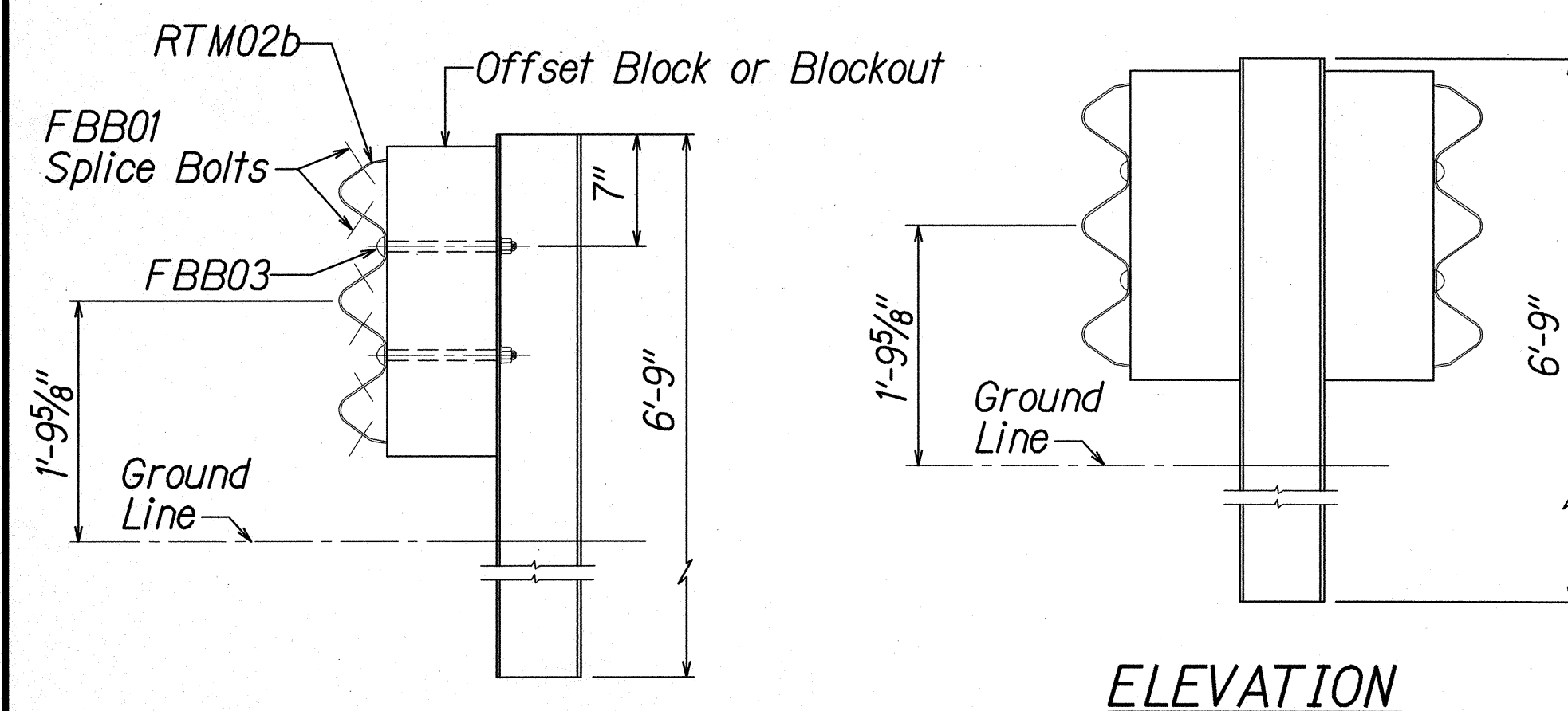


DESIGNATOR	L
FBB01	1 ³ / ₈ "
FBB02	2"
FBB03	10"

GUARDRAIL BOLTS
AND RECESSED NUT



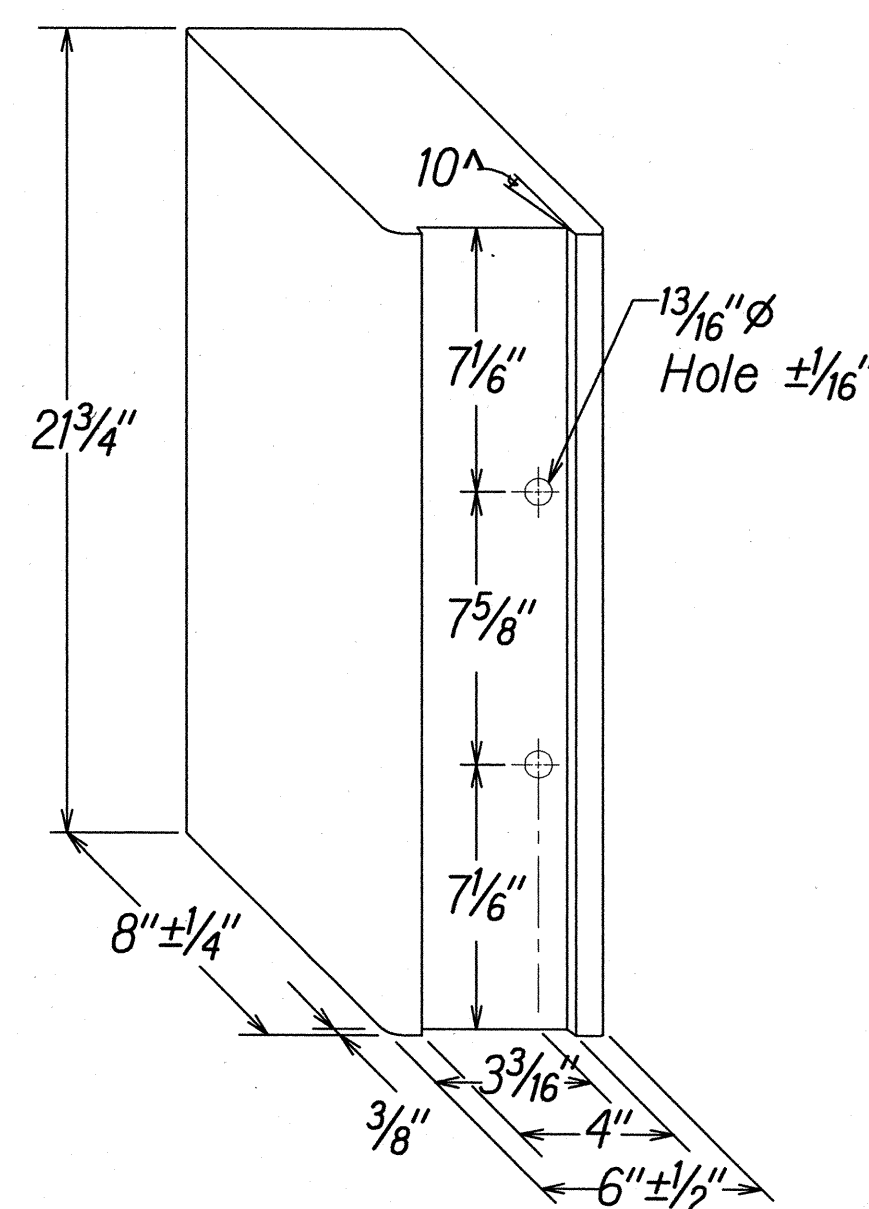
PLAN



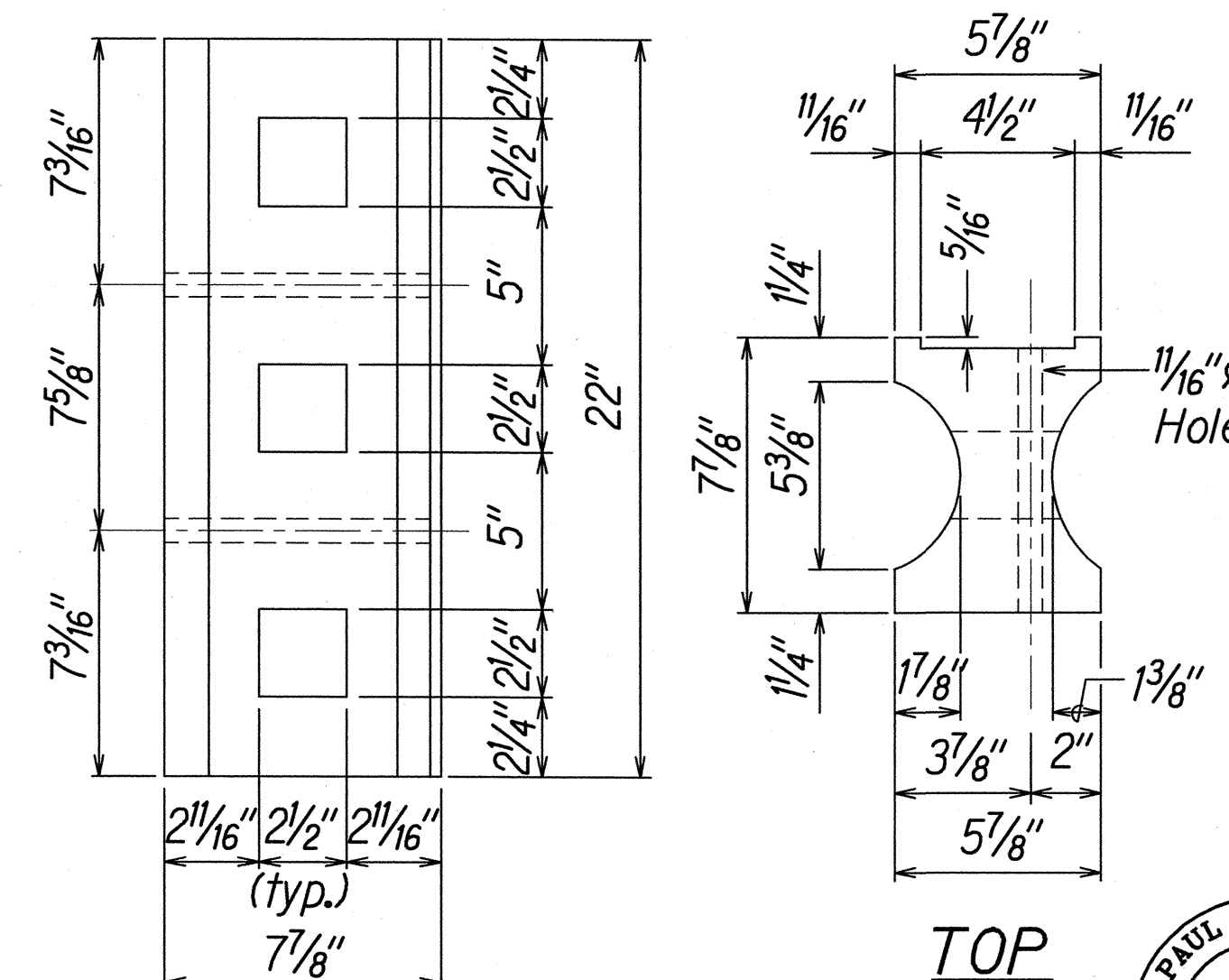
ELEVATION

ELEVATION STRONG POST THREE-BEAM GUARDRAIL
(SGR09a)

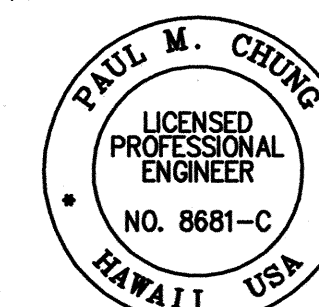
STRONG POST THRIVE-BEAM
MEDIAN GUARDRAIL
(SGM09a)



RECYCLED POLYETHYLENE
THRIE-BEAM OFFSET BLOCK
(TYPE II - THRIE)



SIDE
MODIFIED 6X8X22
PLASTIC BLOCKOUT
(TYPE I-THRIE)



THIS WORK WAS PREPARED BY ME OR
UNDER MY SUPERVISION

SIGNATURE

7 04/30/16
EXPIRATION DATE
OF THE LICENSE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

STRONG POST THRIE-BEAM
GUARDRAIL

KALANIANA'OLE HIGHWAY IMPROVEMENTS, PHASE 1
Olomana Golf Course To Vicinity of Poalima St.
Federal Aid Project No. NH-072-1(53)

Scale: AS NOTED Date: July, 2015

SHEET No. C21 OF 71 SHEETS