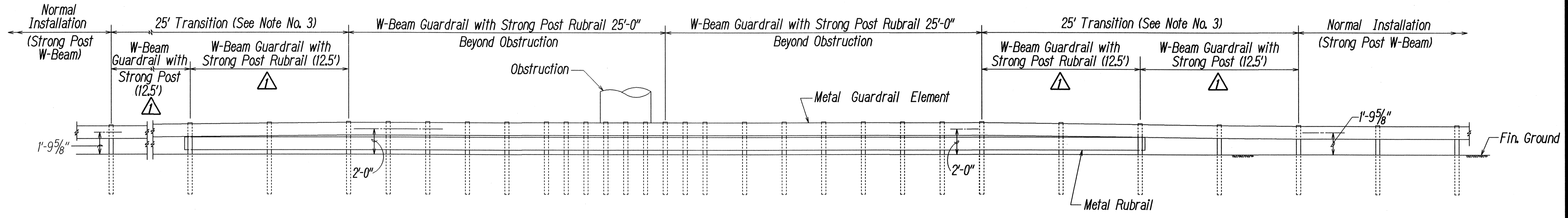
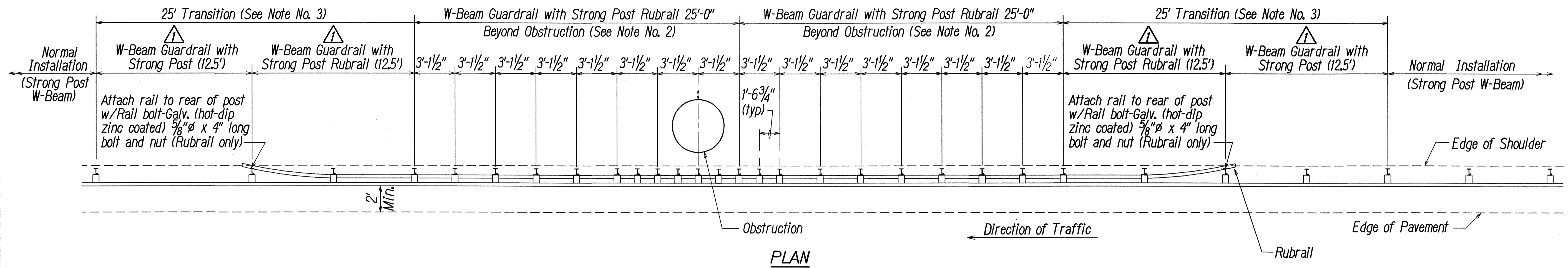
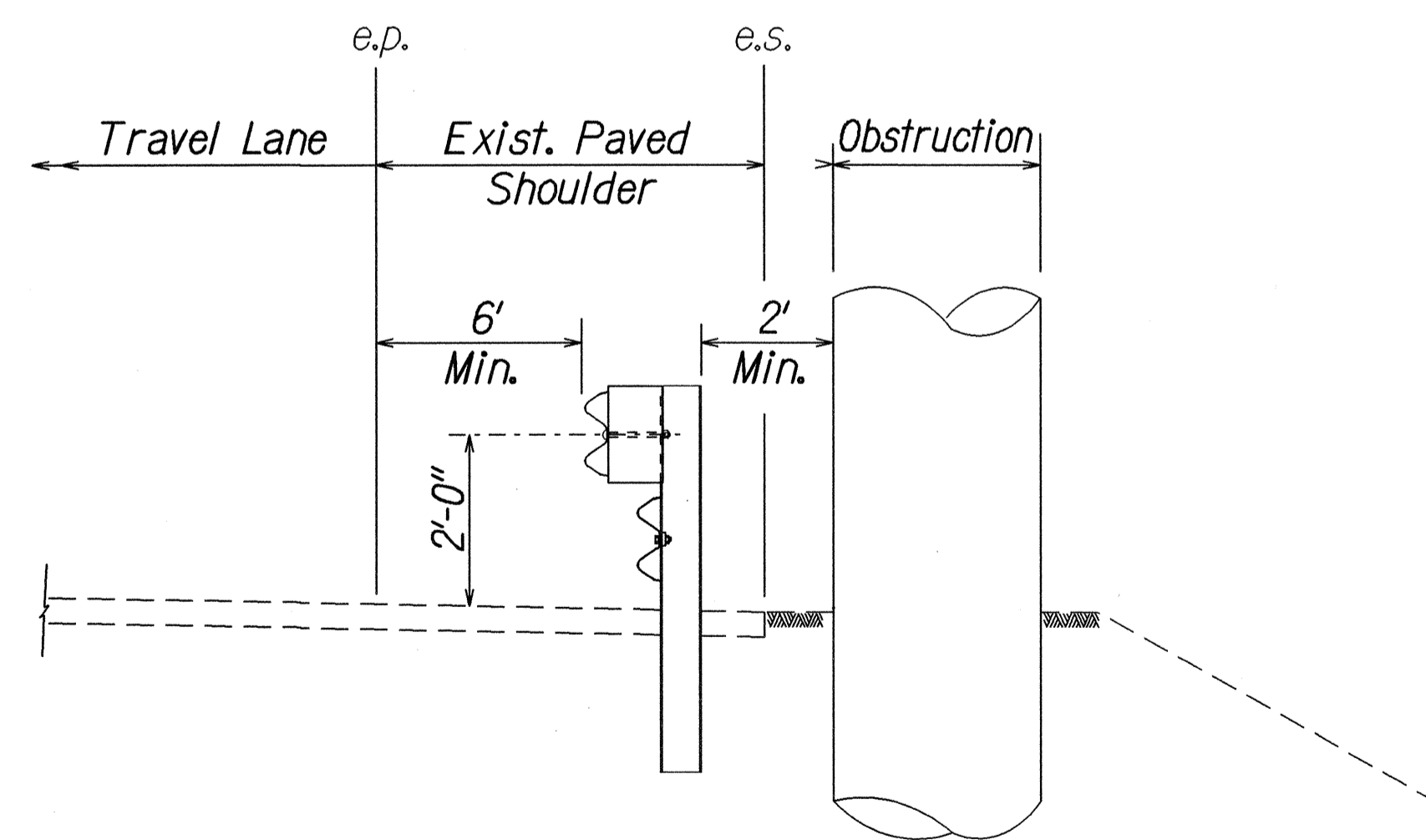


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-056-1(49)	2006	ADD.19	31



ELEVATION



TYPICAL SECTION AT OBSTRUCTION

- NOTES:**
- All Guardrail and Concrete Barrier Designs at Obstructions shall be approved by the Engineer.
 - Guardrail at obstructions shall include the W-Beam guardrail (50') and the strong post rubrail (50') and will be paid for under contract Item No. 606.3131 - Guardrail, Type 3 W-Beam with Strong Post Rubrail.
 - The 25-ft. transition guardrail shall include:
 - 12.5-ft. Guardrail, Type 3 W-Beam with Strong Post to be paid for under contract Item No. 606.3130 - Guardrail, Type 3 W-Beam with Strong Post.
 - 12.5-ft. Guardrail, Type 3 W-Beam with Strong Post Rubrail to be paid for under contract Item No. 606.3131 - Guardrail, Type 3 W-Beam with Strong Post Rubrail.

DETAIL OF GUARDRAIL INSTALLATION AT OBSTRUCTION

ORIGINAL PLAN	DATE
DESIGNED BY	DATE
NOTED BY	DATE
QUANTITIES BY	DATE
CHECKED BY	DATE

DATE	REVISION
1/27/06	Revised Note No. 3
	Added callout/dimension

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
GUARDRAIL DETAILS
(AT OBSTRUCTION)
KUHIO HIGHWAY
Guardrail and Shoulder Improvements
at Various Locations
Fed. Aid Project No. STP-056-1(49)
Scale: Not to Scale Date: Oct. 2005
SHEET No. 1 OF 1 SHEETS