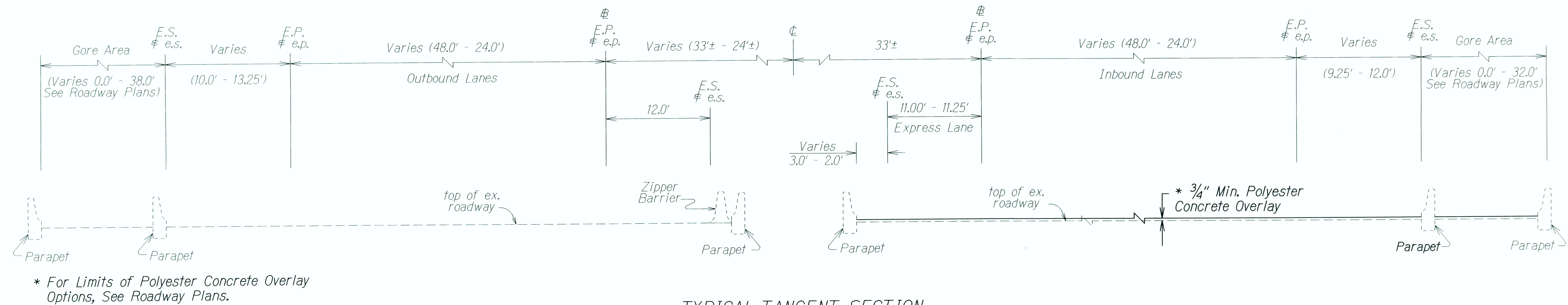
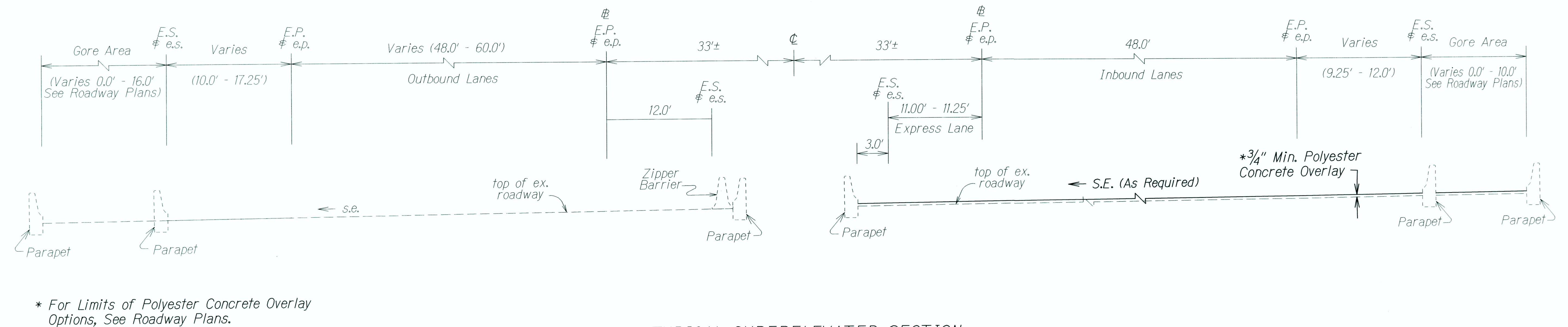


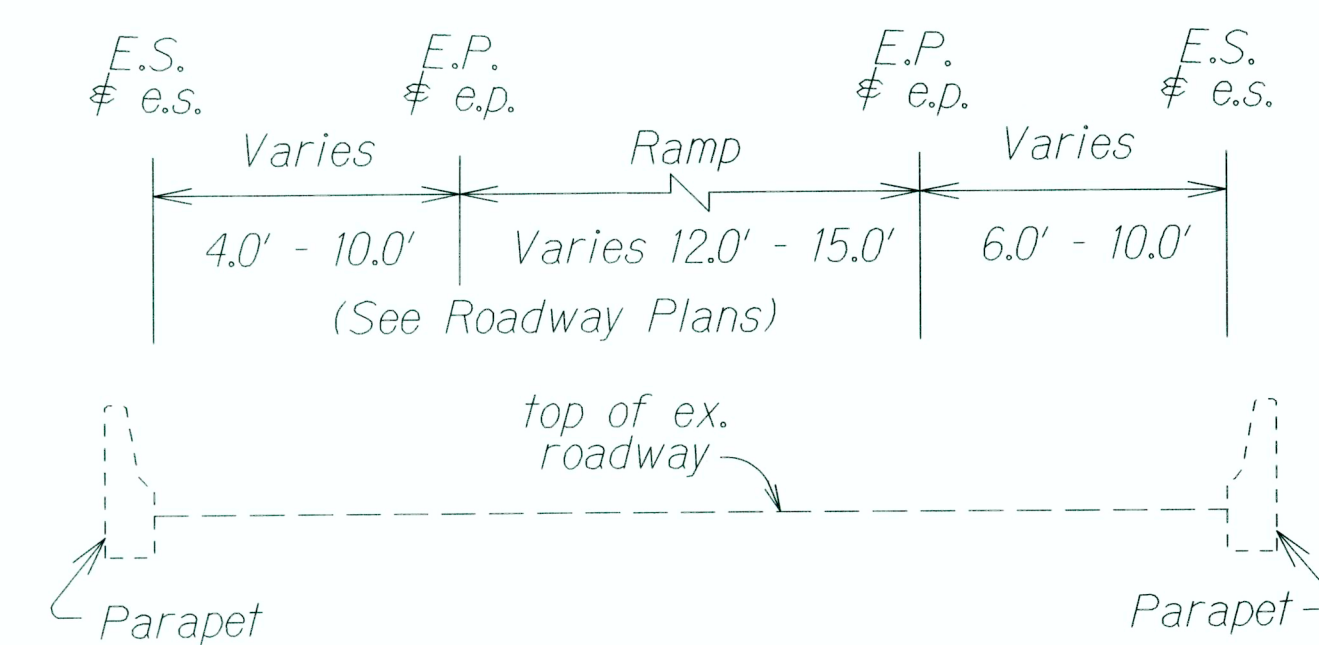
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-HI-1(268)	2013	ADD.6	35



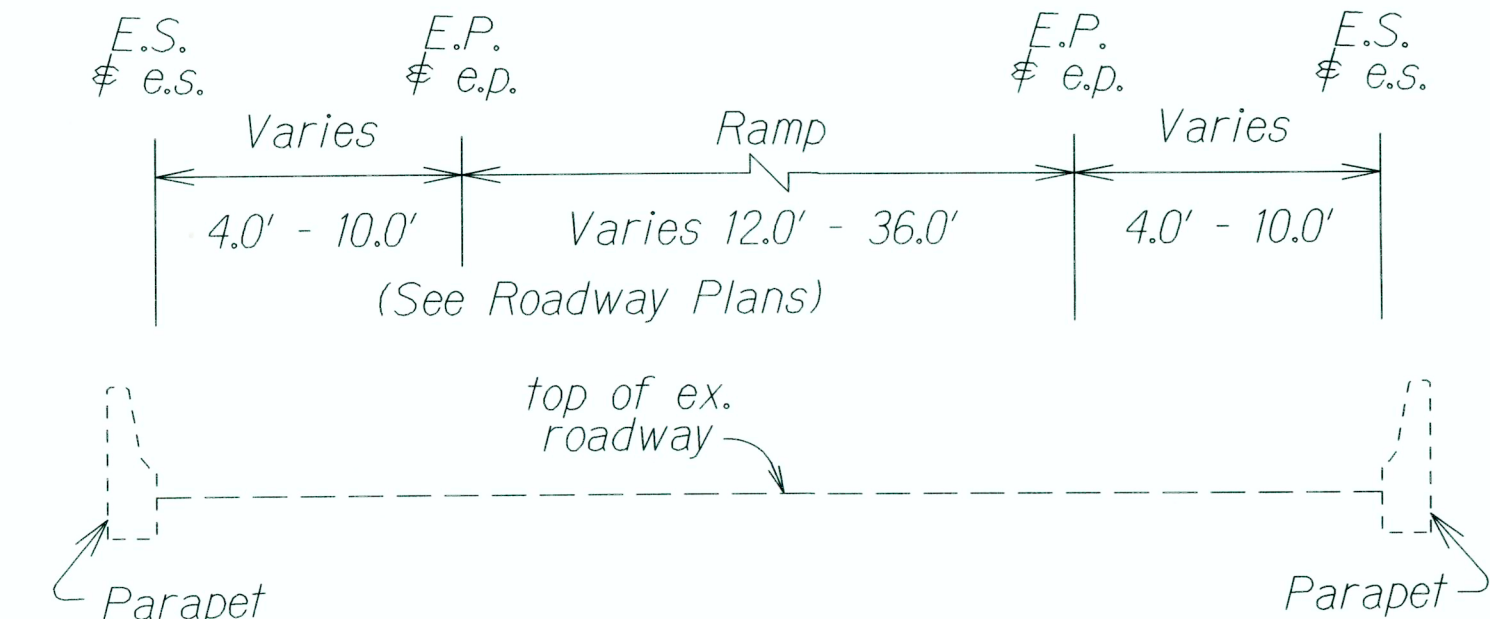
TYPICAL TANGENT SECTION



TYPICAL SUPERELEVATED SECTION



TYPICAL OUTBOUND RAMPS



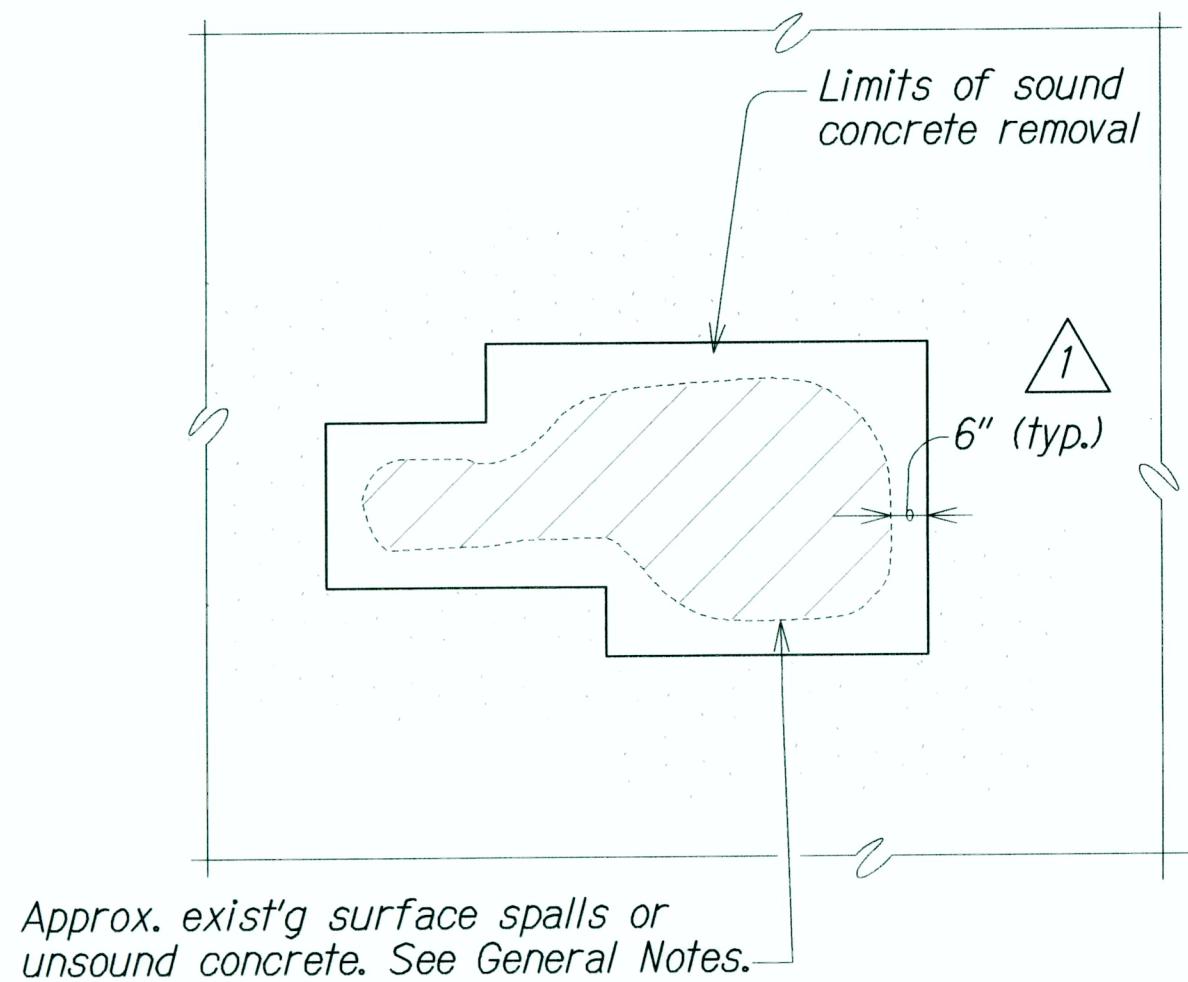
TYPICAL INBOUND RAMPS

NOTE: For Zipper Barrier and Parapet locations, See Roadway Plans.

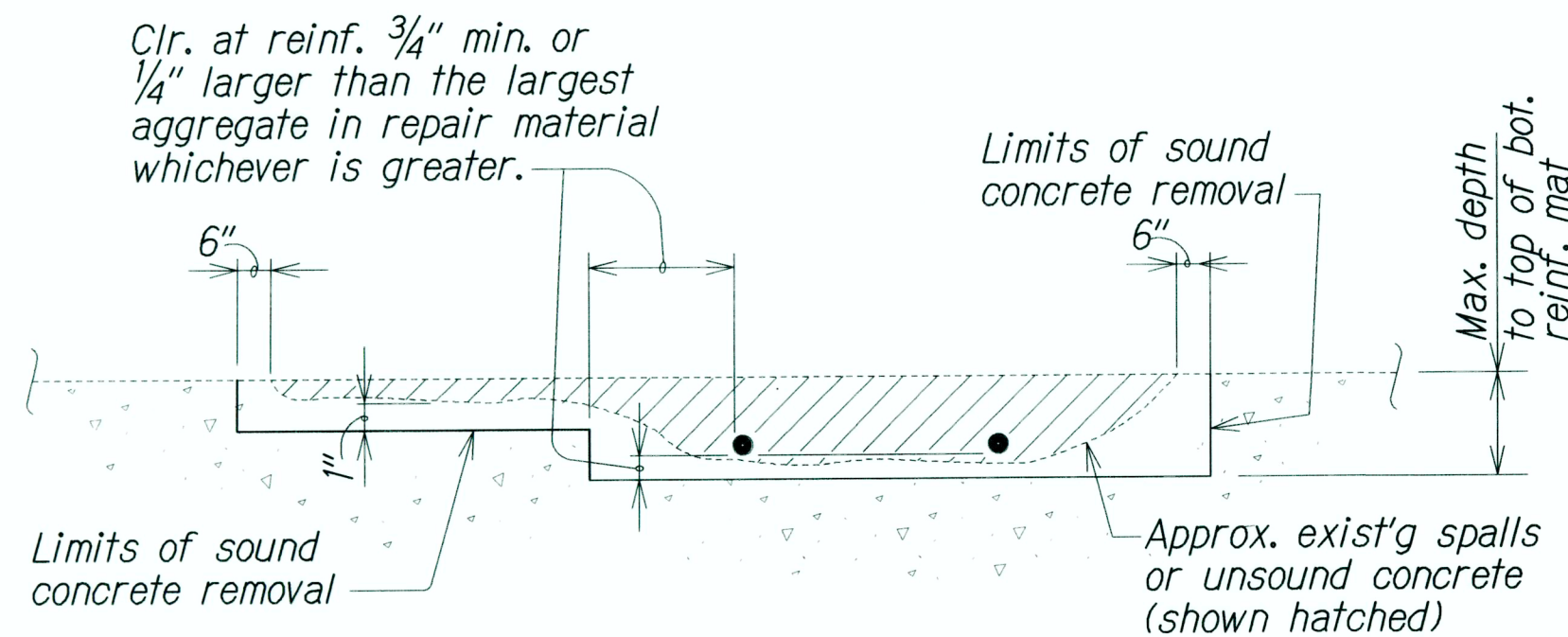
04/22/13	Added "Min." on 3/4" Polyester Concrete Overlay.
DATE	REVISION
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
TYPICAL SECTION & DETAILS	
INTERSTATE ROUTE H-1	
AIRPORT VIADUCT REPAIR	
VICINITY OF VALKENBURGH ST. TO MIDDLE ST.	
Federal Aid Project No. IM-HI-1(268)	
Scale: Not To Scale	Date: May, 2013
SHEET No. 1 OF 2 SHEETS	



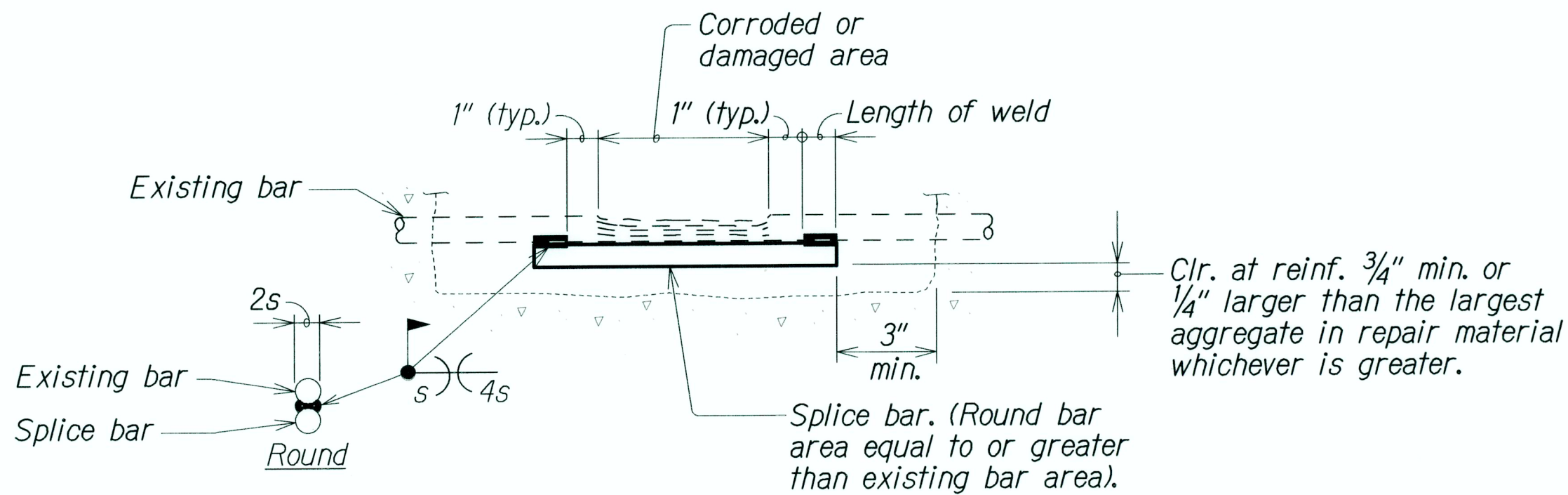
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	1M-H1-1(268)	2013	ADD. 7	34



PLAN OR ELEVATION

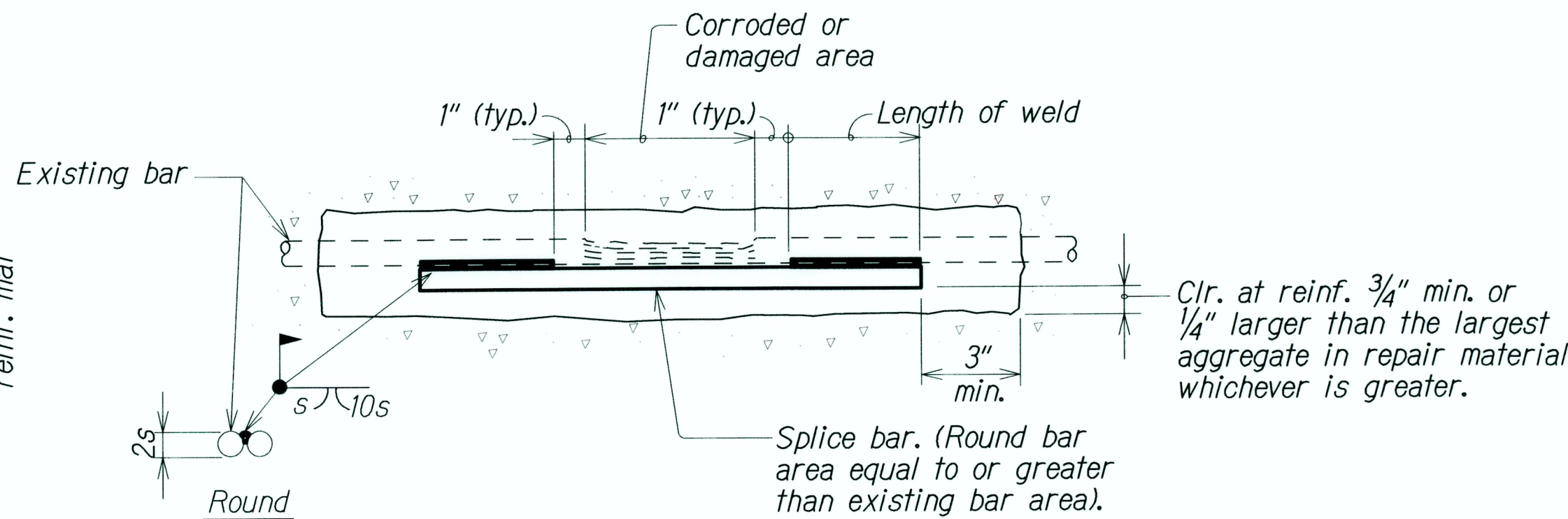


AT SURFACE  
TYPICAL SECTION



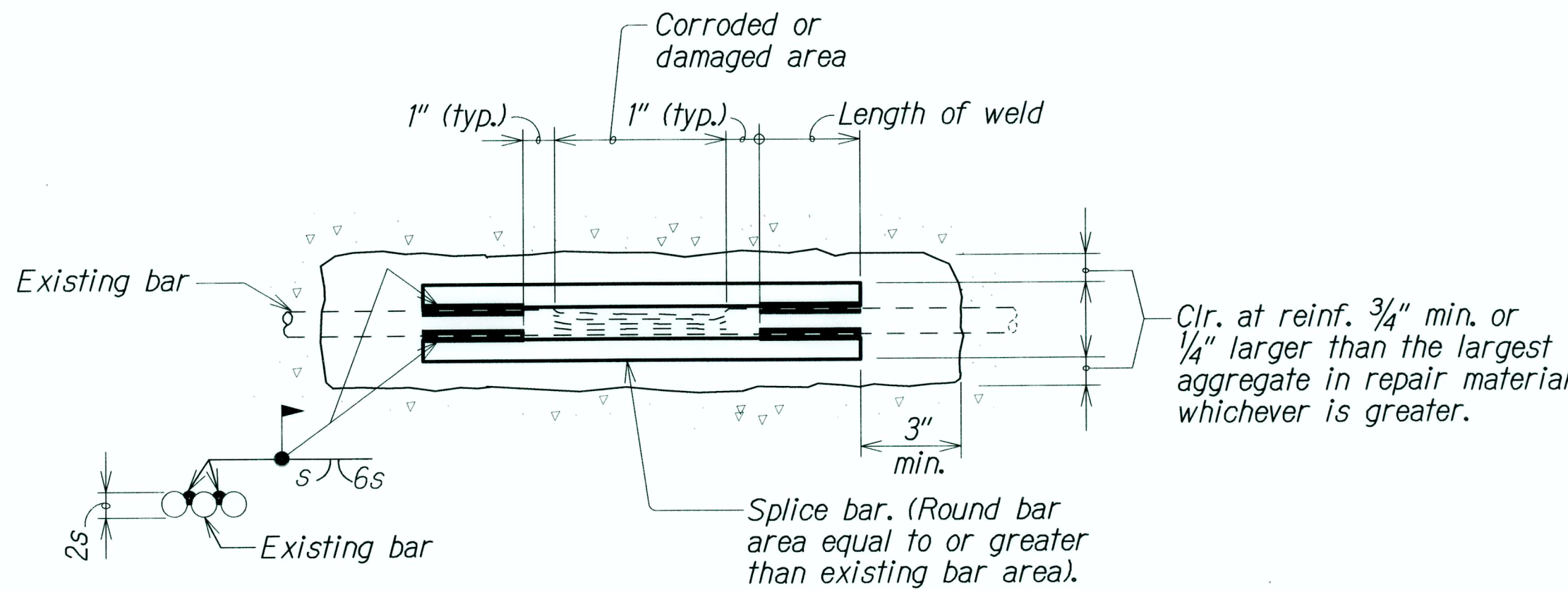
TYPICAL SECTION

TYPICAL REINFORCING BAR REPAIR SPLICE DETAILS



PLAN

ALTERNATE REINFORCING BAR REPAIR SPLICE DETAILS  
ONLY IF TYPICAL NOT POSSIBLE (#5 BAR AND BELOW)



PLAN

ALTERNATE REINFORCING BAR REPAIR SPLICE DETAILS  
ONLY IF TYPICAL NOT POSSIBLE (#6 AND ABOVE)

SPALL AND CRACK REPAIR DETAILS

Not to Scale

## GENERAL NOTES

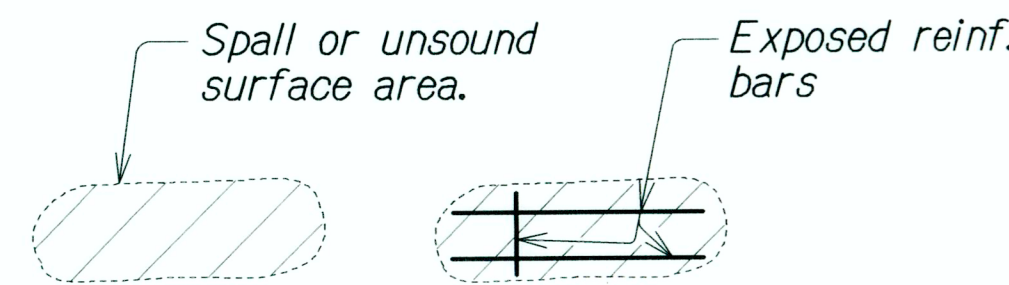
### GENERAL:

1. New reinforcing steel shall be ASTM A 706. All welded reinforcing steel shall be ASTM A 706 where welded connections are required.
2. All welding shall be done in accordance with the current edition of the Reinforcing Steel Welding Code AWS D1.4.
3. Repair material and procedures shall be accepted by the Engineer before use.
4. Shotcrete shall not be used to make repairs.
5. The Contractor shall protect the public and environment from dust pollution and other damages resulting from the blasting, chipping and drilling operation. The Contractor shall be aware of and follow all State, Federal and county environmental regulations and provide containment to prevent abrasives, dust and debris from dispersing into surrounding areas and into the stream or stream bank. The Contractor shall submit the method of containing and controlling pollution for acceptance to the Engineer.

### REPAIR NOTES:

1. The Contractor shall be aware of extensive repair requirements in Section 676 Concrete Repair of the Special Provisions.

## SYMBOLS AND ABBREVIATIONS:



S.F. or sq. ft. - Square feet  
L.F. - Linear feet

4/23/2013 Revised dimension

1

DATE

REVISION

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION  
**AIRPORT VIADUCT**  
**SPALL AND CRACK REPAIR DETAILS**  
INTERSTATE ROUTE H-1  
AIRPORT VIADUCT REPAIR  
Vicinity of Valkenburgh Street to Middle Street  
Federal Aid Project No. 1M-H1-1(268)  
Scale: As Noted Date: Jul, 2012

SHEET No. 2 OF 2 SHEETS

ADD. 7

SURVEY PLOTTED BY	DATE
DRAWN BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
N.	