

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-H1-K(254)	2006	R6	31

GENERAL NOTES

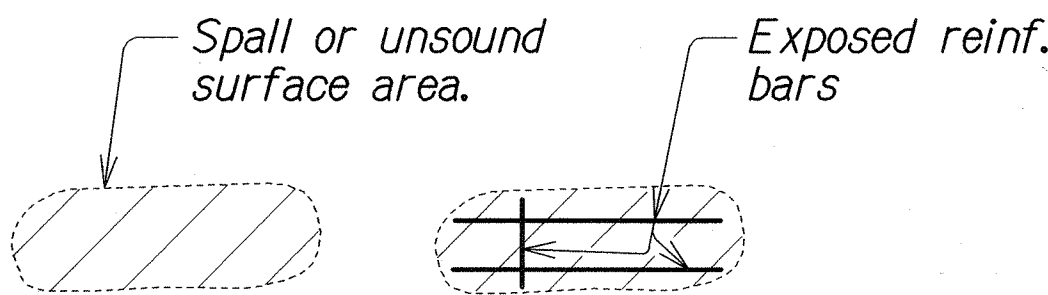
GENERAL:

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.
2. The Contractor shall be aware of Subsection 676.03 (S) - Minor Spot Repair for Concrete Deck of the Special Provisions for which the rest of this page does not apply.

SYMBOLS AND ABBREVIATIONS:



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



6/21/07

The Alternate Reinforcing Bar Repair Splice Details (Plans) were added to this sheet as a revision.

DATE

REVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

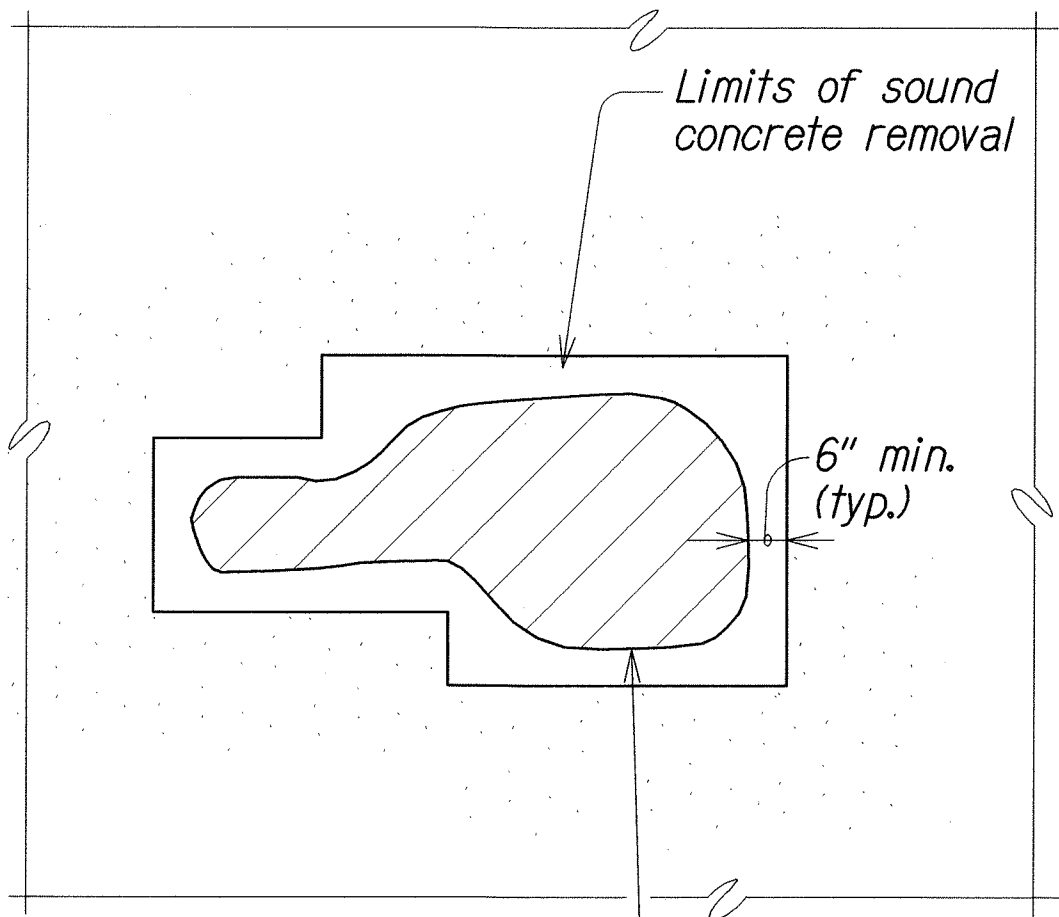
AIRPORT VIADUCT
SPALL AND CRACK REPAIR DETAILS
Interstate Route H-1
Deck Repair, Airport Viaduct
Project No. IM-H1-K(254)

Scale: As Noted

Date: Oct. 2005

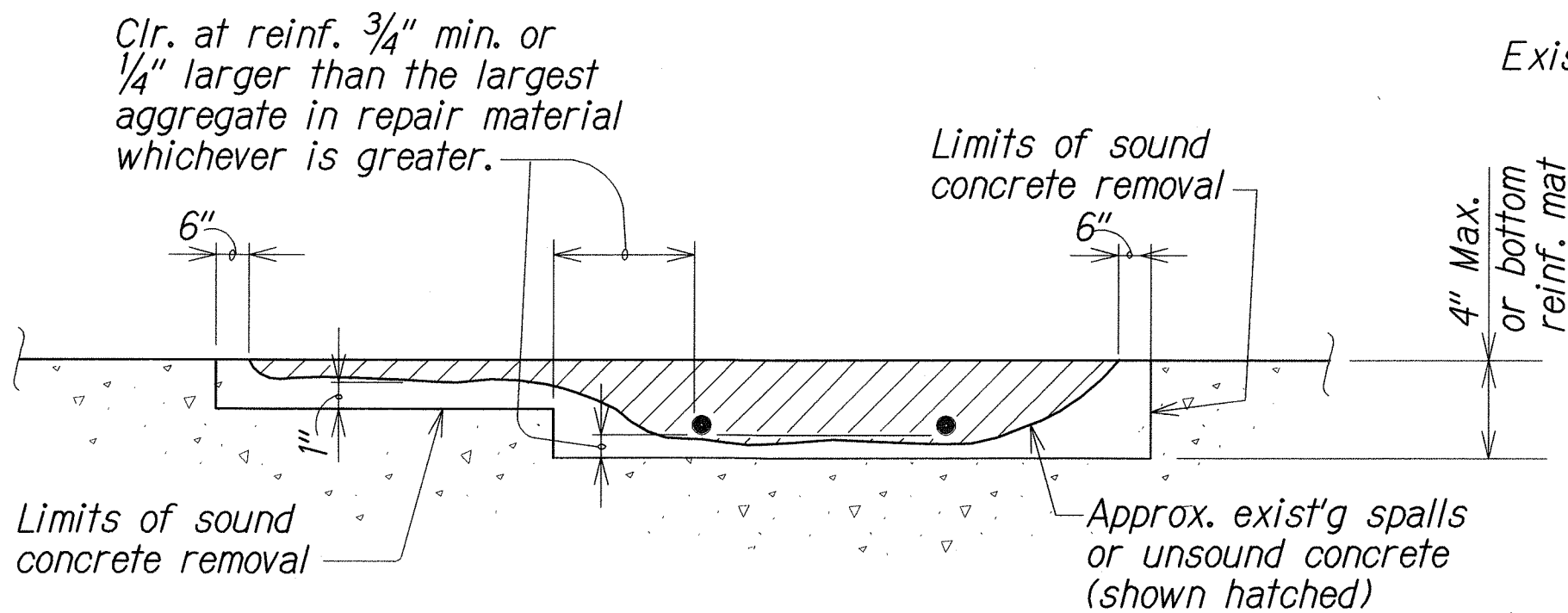
SHEET No. 51 OF 1 SHEETS

R6



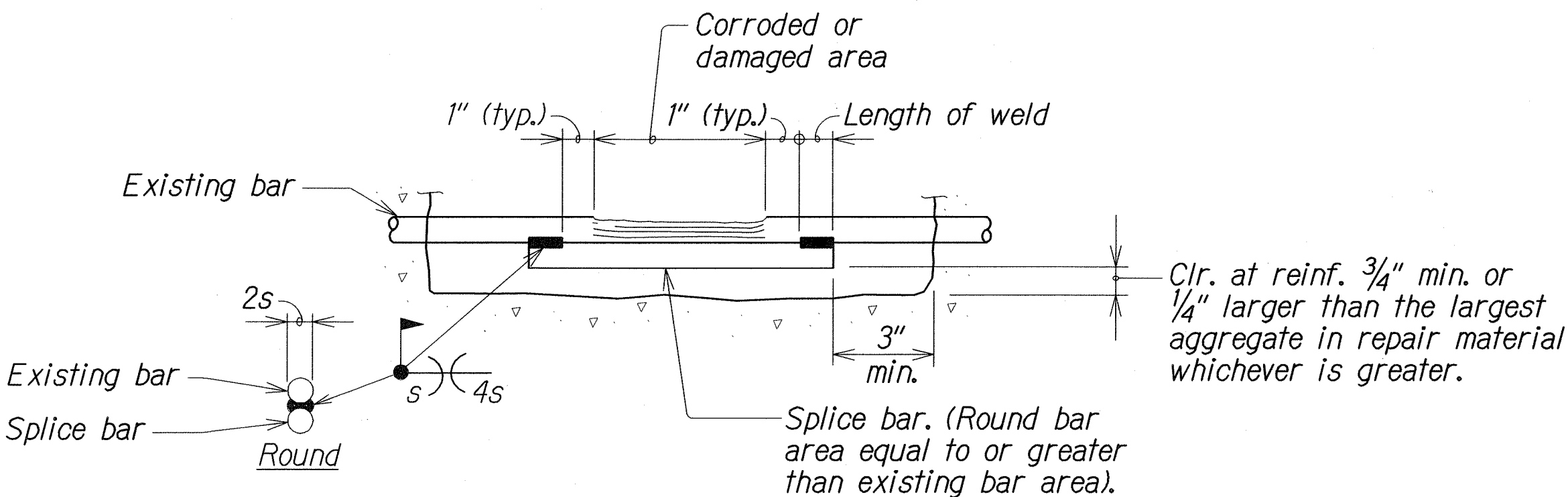
Approx. exist'g surface spalls or unsound concrete. See General Notes.

PLAN OR ELEVATION



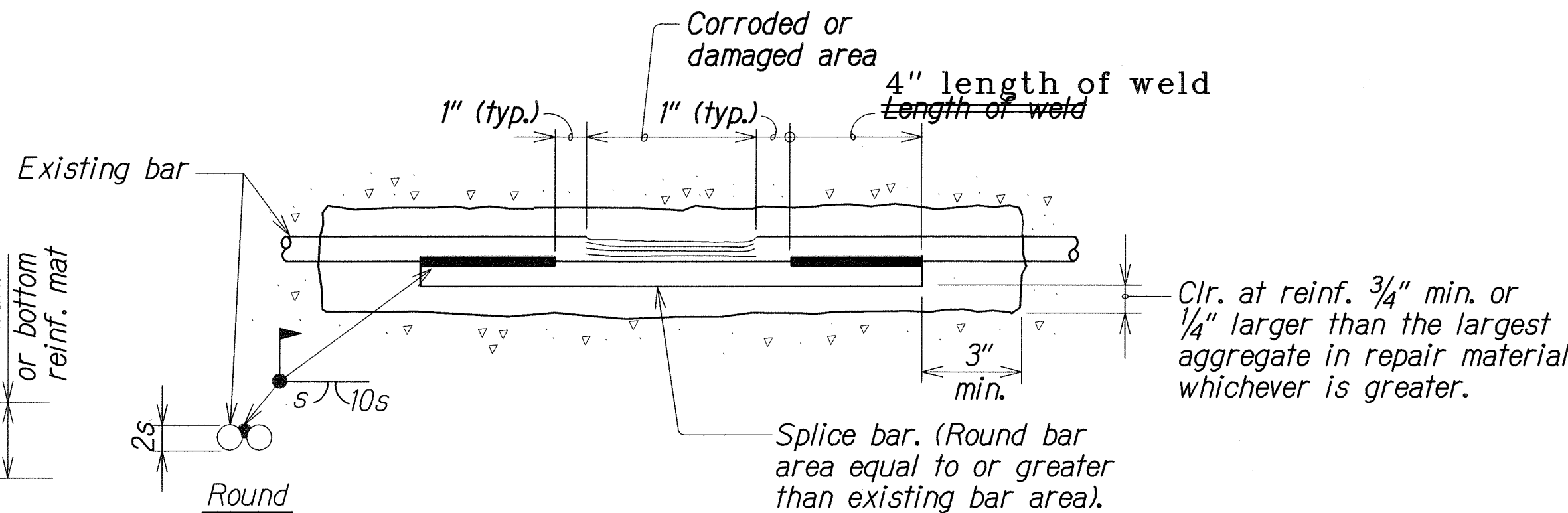
AT SURFACE

TYPICAL SECTION



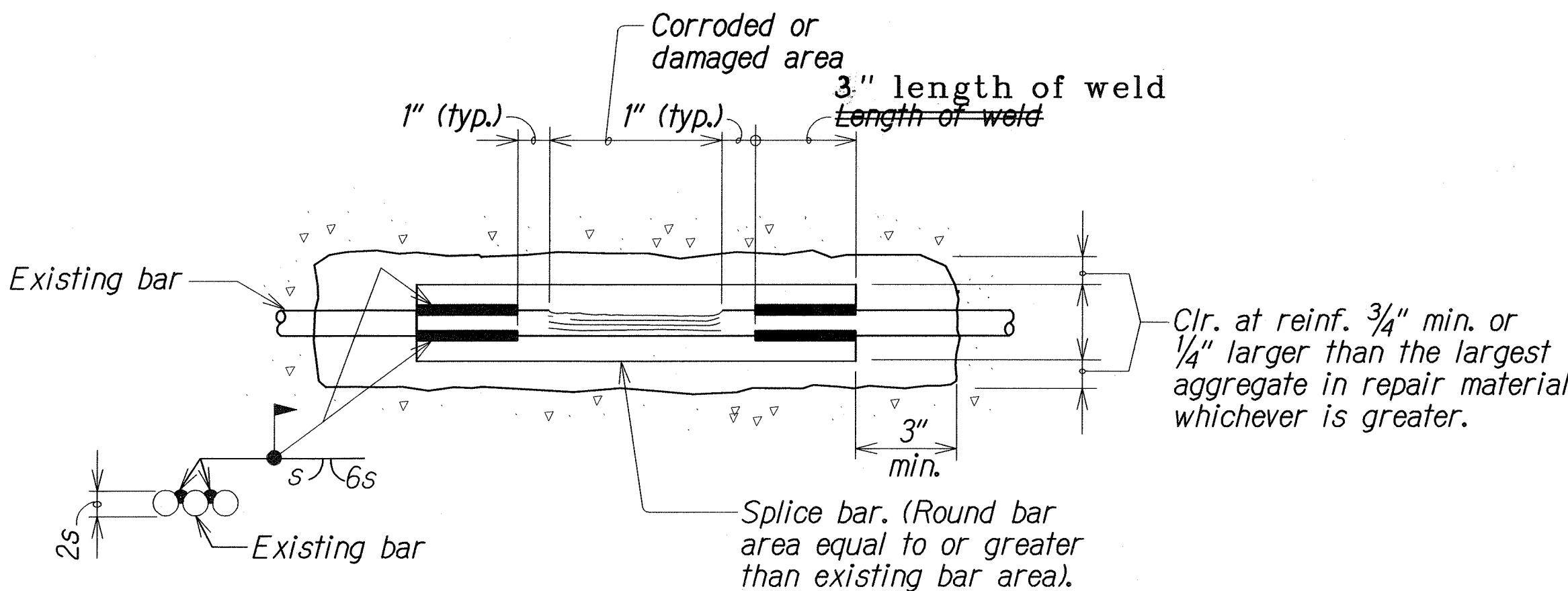
TYPICAL SECTION

TYPICAL REINFORCING BAR REPAIR SPLICE DETAILS



PLAN

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



PLAN

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

SPALL AND CRACK REPAIR DETAILS

Not to Scale

LEGEND FOR AS-BUILT POSTINGS

- ~~~~~ Squiggly line for as-built deletion
- == Double line for as-built deletion
- Roadway Text for as-built posting

"AS-BUILT"