

GENERAL NOTES

REPAIR NOTES:

Face of exist. conc.?
Limits of conc. removal or conc. patch.

Hatched area denotes approx. damaged or deteriorated area. Apply bonding agent immediately before placing mortar or concrete.

1. Remove sections of spalled or deteriorated area to sound concrete. All dimensions are minimum dimensions. Exact locations & limits of concrete repair to be determined in the field by the Engineer.
2. Where exposed reinforcing bars occur, provide min. 2" conc. cover at each bar. See specifications for welded wire fabric requirements.
3. Reinforcing bars of concrete members that have rusted more than 25% of their original cross sectional area shall be strengthened as shown on Repair Splice Detail.

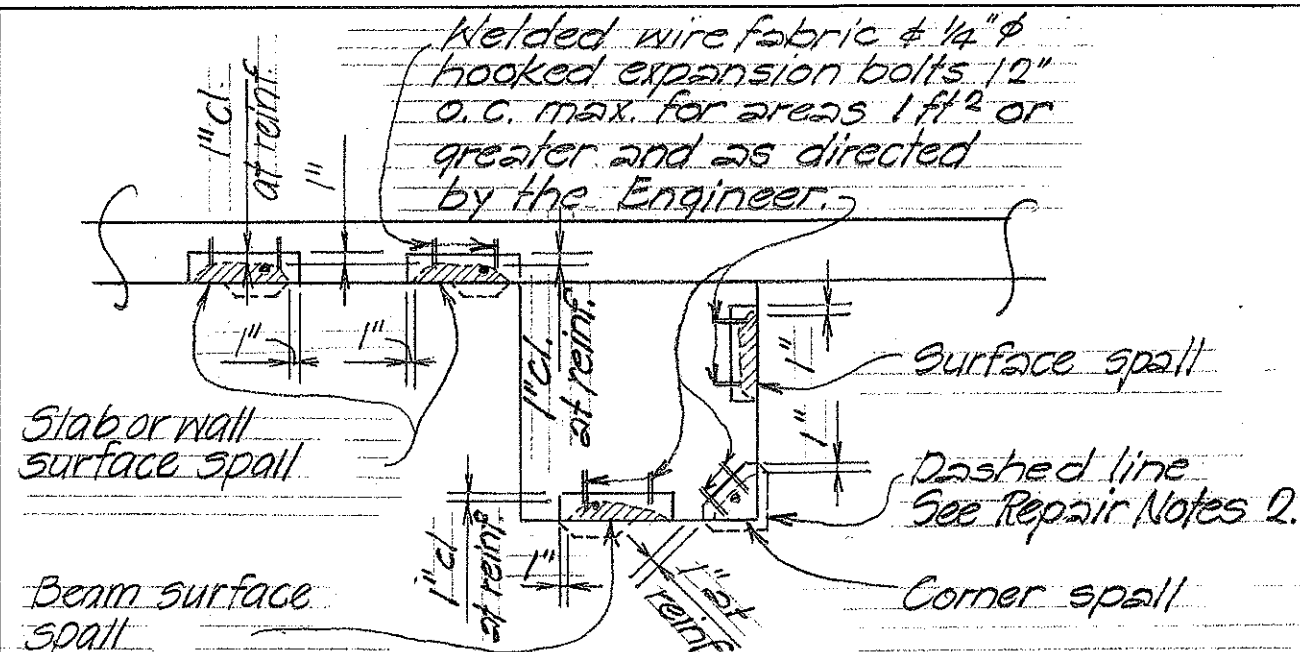
INCIDENTAL ITEMS: The following items shall be considered incidental to the various pay items of repairs & shall not be paid for separately.

1. Removal of trees or other vegetation growing on the bridge, except as otherwise noted.
2. Expansion bolts & other misc. hardware, incl. galvanizing of such hardware.
3. Reinforcing bars of repair splice for strengthening corroded bars.
4. Cleaning of all exposed, corroded reinforcing steel to sound metal.

GENERAL:

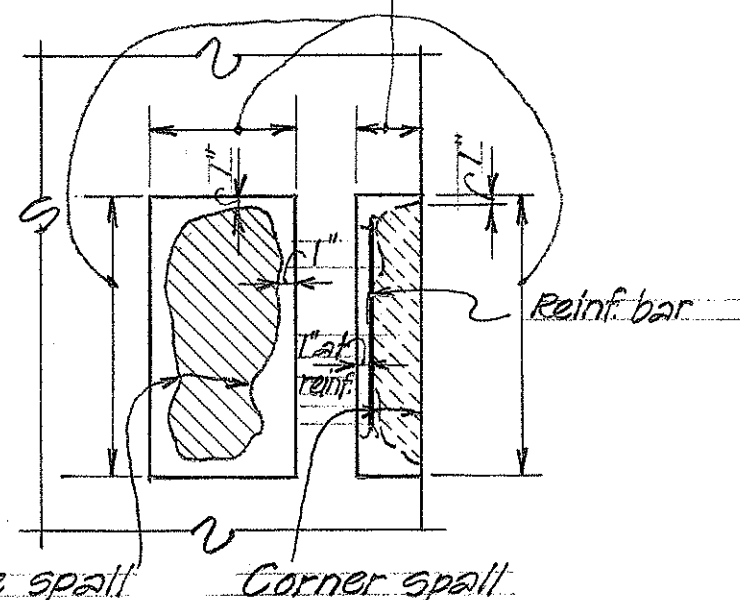
1. All conc. to be Class A, except as otherwise noted.
2. All items noted incidental will not be paid for separately.
3. All reinf. steel Grade 40.

SPlice BAR WELD SCHEDULE		
SIZE OF BAR	SIZE OF WELD	LENGTH OF WELD
#4 ϕ	1/4"	1 1/2"
#5 ϕ	1/4"	2 1/4"
#6 ϕ	1/4"	3"
#8 ϕ	5/16"	4"
1" $\square$	5/16"	5"
1 1/8" $\square$	3/8"	5"



SECTION AT GIRDER, BEAM, SLAB & WALL

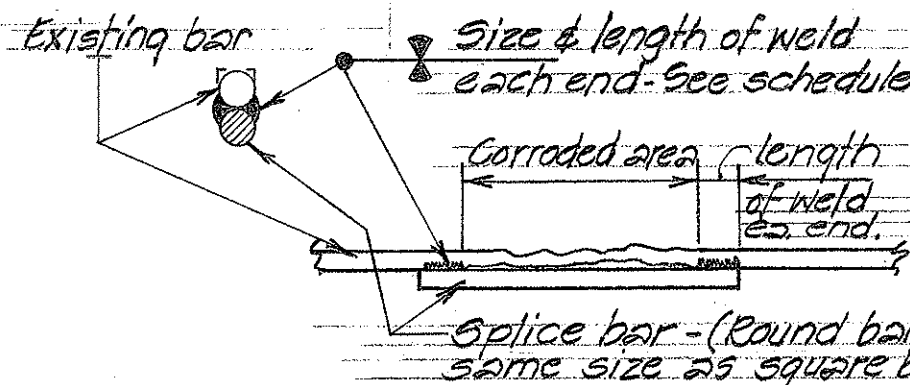
Ft² designated approx. area of repair.



PLAN OR ELEVATION

TYPICAL SPALLED CONCRETE REPAIR DETAILS

No Scale



AT DEFORMED SQUARE OR ROUND BARS TYP. REINF. BAR REPAIR SPLICE DETAIL No Scale