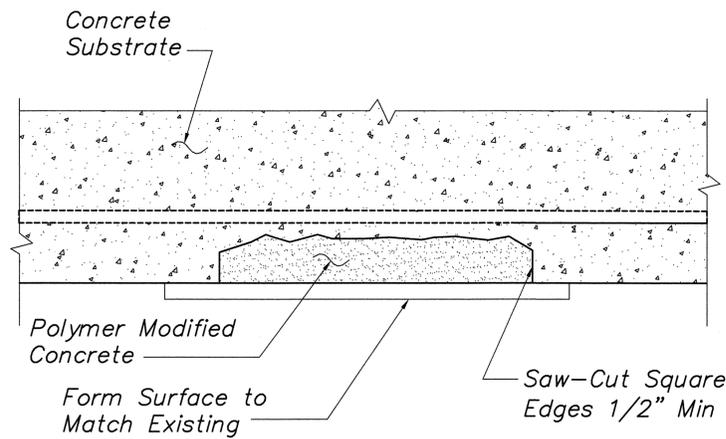
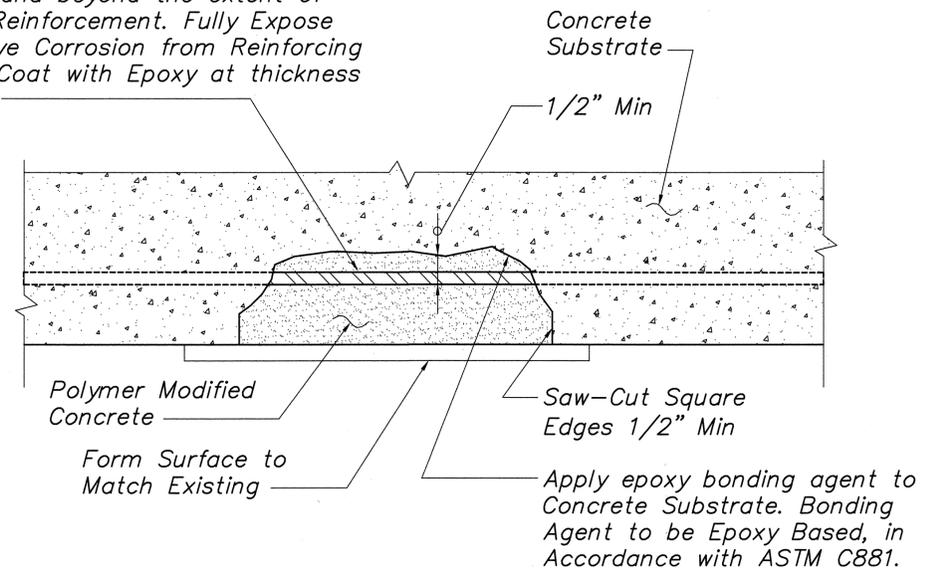


FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-H-02-01M	2001	19	24



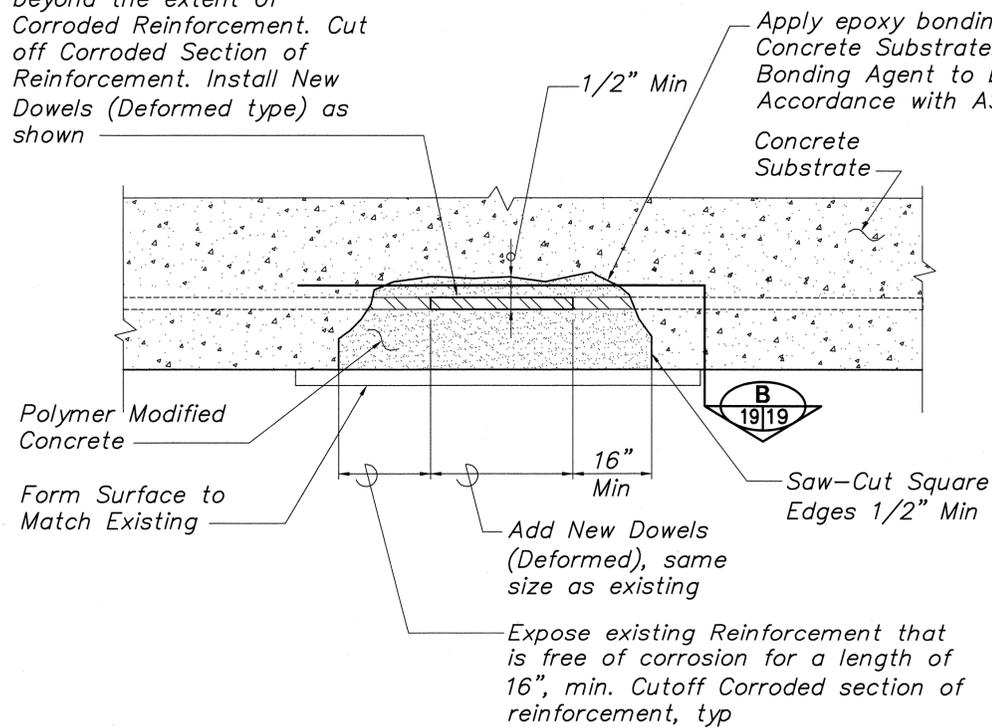
TYPE "A"
Not to Scale

Remove Spalled, Delaminated or Deteriorated Concrete down to sound Substrate and beyond the extent of Corroded Reinforcement. Fully Expose and Remove Corrosion from Reinforcing Bars and Coat with Epoxy at thickness of 12 Mils

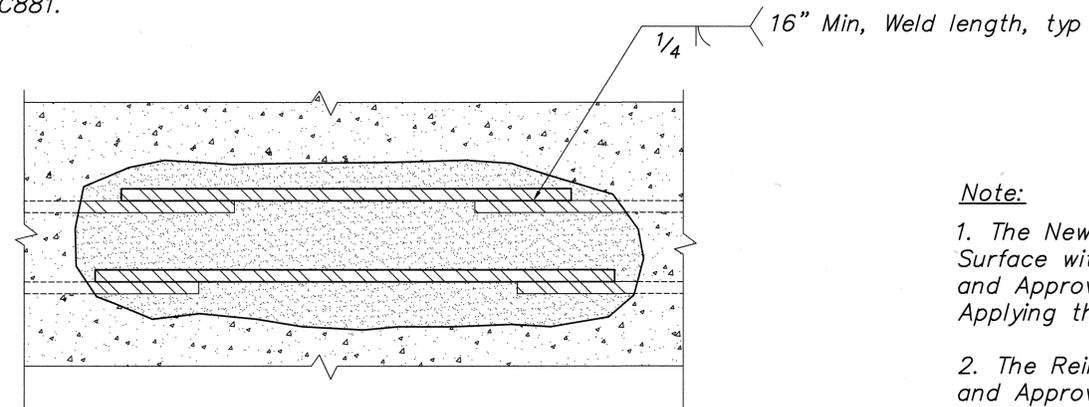


TYPE "B"
Not to Scale

Remove Spalled, Delaminated or Deteriorated Concrete down to sound Substrate and beyond the extent of Corroded Reinforcement. Cut off Corroded Section of Reinforcement. Install New Dowels (Deformed type) as shown



TYPE "C"
Not to Scale



SECTION B
Not to Scale

Note:

1. The Newly Exposed Concrete Substrate Surface within the Spall shall be Inspected and Approved by the Engineer Prior to Applying the Epoxy Bonding Agent.
2. The Reinforcing Steel shall be Inspected and Approved by the Engineer Prior to Coating with Epoxy.

SURVEY PLOTTED BY	DATE
DESIGNED BY	
TRACED BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	
NO.	



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

STANDARD SPALL REPAIR DETAILS

HAWAII BELT ROAD
CULVERT REPAIRS AND RENOVATIONS
VARIOUS LOCATIONS, HAWAII
PROJECT NO. HWY-H-02-01M

SCALE: AS NOTED DATE: APRIL 27, 2001

SHEET No. 1 OF 1 SHEETS