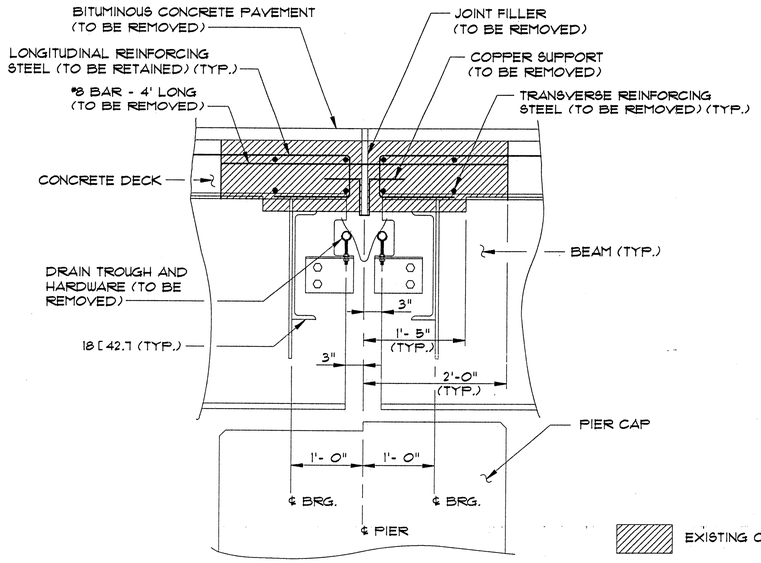
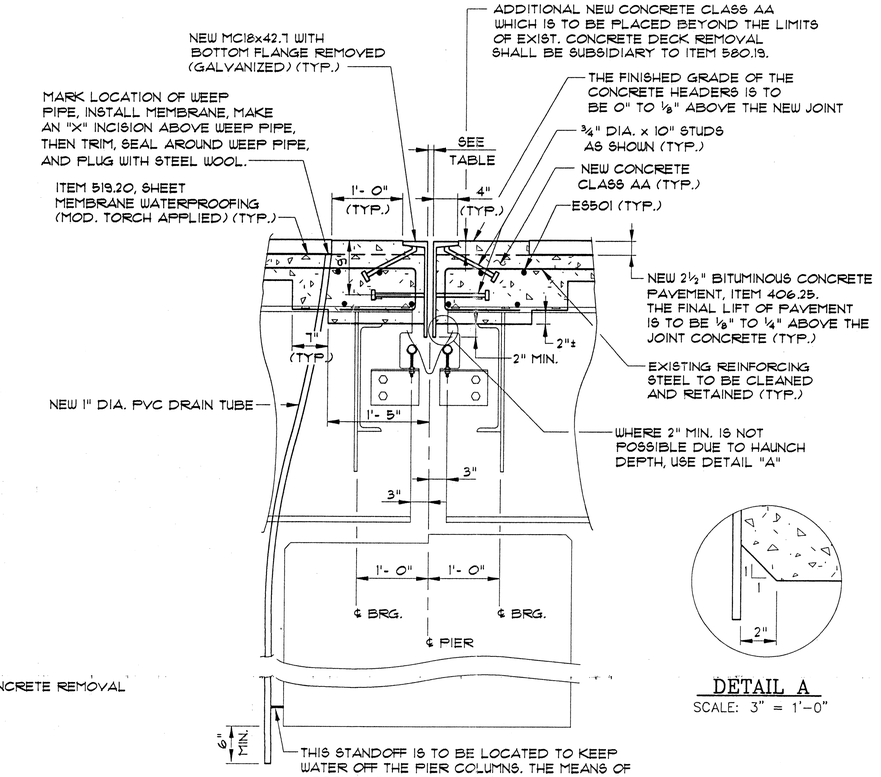


SECTION OF EXISTING EXPANSION JOINT AT PIER

SCALE: 1" = 1'-0"



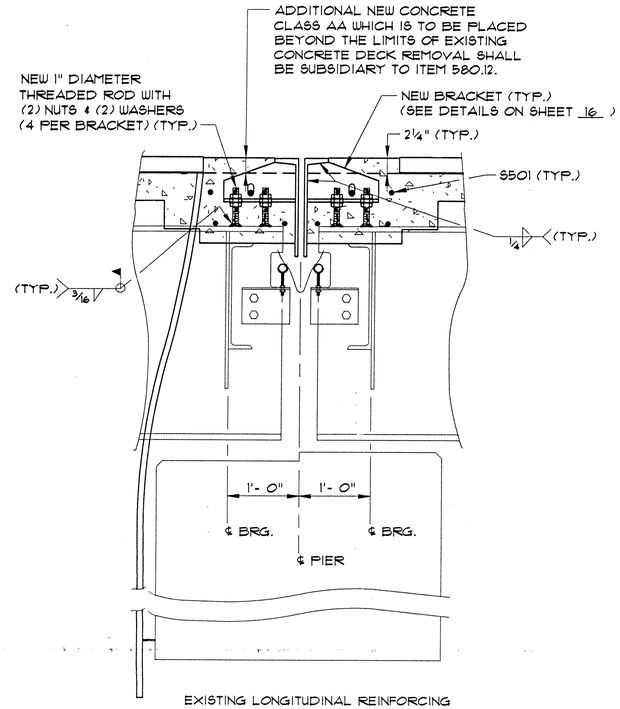
THIS STANDOFF IS TO BE LOCATED TO KEEP WATER OFF THE PIER COLUMNS. THE MEANS OF ACCOMPLISHING THE STAND OFF WILL BE AS PER THE RESIDENT ENGINEER AND THE COST WILL BE SUBSIDIARY TO ITEM 516.10, "BRIDGE EXPANSION JOINT (ARMORED JOINT)". STANDOFFS SHALL BE LOCATED ON BOTH SIDES OF THE PIER CAP.

NEW EXPANSION JOINT AT PIER SECTION BETWEEN BEAMS

SCALE: 1" = 1'-0"

DETAIL A

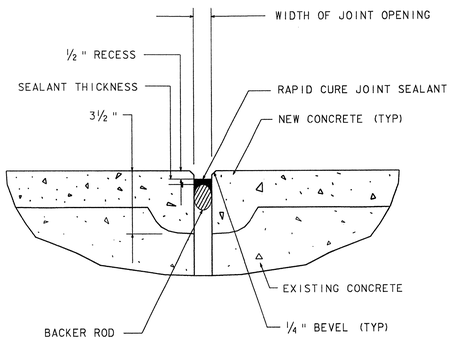
SCALE: 3" = 1'-0"



EXISTING LONGITUDINAL REINFORCING STEEL NOT SHOWN IN THIS VIEW FOR CLARITY.

NEW EXPANSION JOINT AT PIER SECTION AT BEAMS

SCALE: 1" = 1'-0"



NEW EXPANSION JOINT IN SIDEWALKS AT PIERS

NOT TO SCALE

SIDEWALK JOINT NOTES:

1. THE EXISTING CONCRETE SHALL BE REMOVED A MINIMUM OF SIX INCHES BACK FROM EXISTING SIDEWALK JOINTS AND REPLACED WITH ITEM 516.10 "BRIDGE EXPANSION JOINT (SIDEWALK)".

2. THE JOINT WILL BE A "SILICONE SEALANT WITH BACKER ROD". THE CONTRACTOR IS TO CONTACT VTRANS MATERIALS SECTION AT (802) 828-2561 FOR "APPROVED PRODUCTS LIST".

3. THE SILICONE SEALANT THICKNESS AND WIDTH OF JOINT OPENING SHALL BE AS RECOMENDED BY SILICONE SEALLANT SUPPIER. THE JOINT SHALL BE INSTALLED AS RECOMMENDED BY SEALANT SUPPLIER.

4. THE "SILICONE SEALANT WITH BACKER ROD" SHALL BE PLACED DOWN THE FASCIA FROM THE TOP SIX INCHES, ACROSS THE TOP OF SIDEWALK, AND DOWN THE CURBSIDE OF SIDEWALK TO TOP OF CONCRETE DECK. THE QUANTITY TO BE MEASURED FOR PAYMENT WILL BE THE SIX INCHES ALONG FASCIA, PLUS DISTANCE ALONG TOP OF SIDEWALK, PLUS DISTANCE DOWN TO TOP OF CONCRETE DECK AT CURBSIDE OF SIDEWALK.

DECK AND MEDIAN JOINT SETTINGS

PIER NO.	45° F	60° F	75° F	90° F
1	1¼"	1"	⅞"	¾"
2	1"	⅞"	⅞"	¾"
3	1"	⅞"	⅞"	¾"

NOTES:

1. EXISTING CONCRETE AND RELATED JOINT HARDWARE WILL BE REMOVED BACK TO THE BREAK LINE AS SHOWN AND WILL BE PAID FOR UNDER ITEM 580.12, "REPAIR OF CONCRETE SUPERSTRUCTURE SURFACE, CLASS III".

2. SEE SHEET 16 FOR NOTES AND ADDITIONAL DETAILS.

STATE OF VERMONT
AGENCY OF TRANSPORTATION

Town Of SOUTH BURLINGTON	Bridge No. 68
	Log Sta.
Highway No. U.S. 2	Surv. Sta.
U.S. 2 OVER I-89	
PIER EXPANSION JOINT REPAIR SECTIONS	
Designed By T.S. BRYANT	Drawn By B.J. MASSE
Checked By A. SETAS Date 1/00	Bridge Design Supervisor C.D. BAKER Date 1/00
PROJECT SOUTH BURLINGTON	PROJECT NO. IM DECK (36)
VHB Cad Drawing No. 50929EJR	Date 1/00
Bridge Sheet No.	Sheet 15 of 75

VANASSE HANGEN BRUSTLIN, INC.