REPAIR QUANTITY TABLE

BENT 3	QUANTITIES			
	ESTIMATE		ACTUAL	
SHOTCRETE REPAIRS	AREA SF	VOLUME CF	AREA SF	VOLUME CF
CAP (VERTICAL FACE)	0.0	0.0		
CAP (HORIZONTAL FACE)	0.5	0.2		
COLUMN (HORIZONTAL FACE)	0.0	0.0		
CONCRETE REPAIR	0.0	0.0		
EPOXY RESIN INJECTION		LN. FT		LN. FT
CAP		0.0		
COLUMN		0.0		
EPOXY COATING	AREA SF			
CAP	244.0			

VALUES IN CHART REPRESENT ESTIMATED REPAIR TOTALS AFTER
REMOVAL OF UNSOUND CONCRETE, MIN. OF 1"BEHIND REBAR AND
MIN. 2"CL TO SAWCUT. SEE REPAIR DETAILS.

NOTES:

REPAIR LOCATIONS AND ESTIMATE OF QUANTITIES ARE GIVEN
WITH THE BEST INFORMATION AVAILABLE. IF ADDITIONAL REPAIRS
NOT SHOWN ON THE DRAWINGS ARE DEEMED NECESSARY BY THE
INSPECTOR OR ENGINEER THE CONTRACTOR SHALL NOTE ON THE
DRAWINGS THE APPROXIMATE LOCATION AND DESCRIPTION OF THE
REPAIRS AND ADJUST THE ACTUAL QUANTITIES ENTERED INTO THE
REPAIR QUANTITY TABLE.

CONTRACTOR SHALL SAW CUT TO A NOMINAL DEPTH OF 1/2" BUT
REINFORCING STEEL SHALL NOT BE DAMAGED.

CONTRACTOR SHALL REMOVE SURFACE CONCRETE TO VERIFY
THAT SAWCUT DEPTH WILL NOT DAMAGE EXISTING REINFORCING
STEEL.

SHOTCRETE REPAIRS MAY BE REPLACED WITH CONCRETE REPAIRS
WITH THE APPROVAL OF THE ENGINEER.

FOR SHOTCRETE REPAIRS, SEE SPECIAL PROVISIONS.

FOR EPOXY RESIN INJECTION, SEE SPECIAL PROVISIONS.

FOR REPAIR DETAILS, SEE TYPICAL CAP AND COLUMN REPAIR
DETAILS SHEET.

THE CONTRACTOR SHALL EPOXY COAT THE TOP SURFACE
OF BENT CAPS AFTER ALL BEARING REPAIRS ARE COMPLETED,
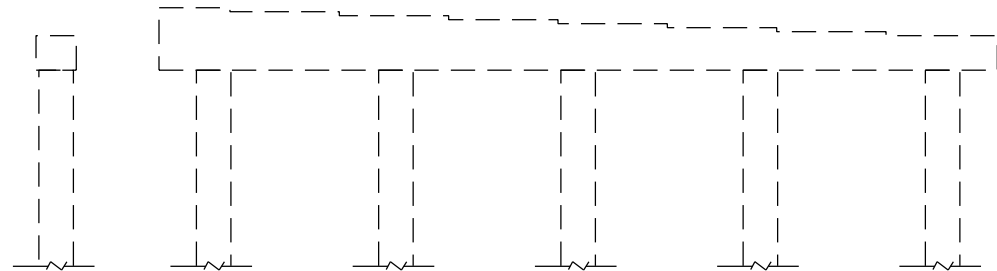AS A FINAL FINISH.

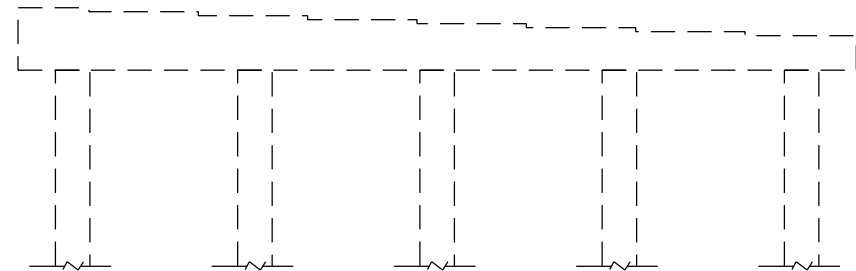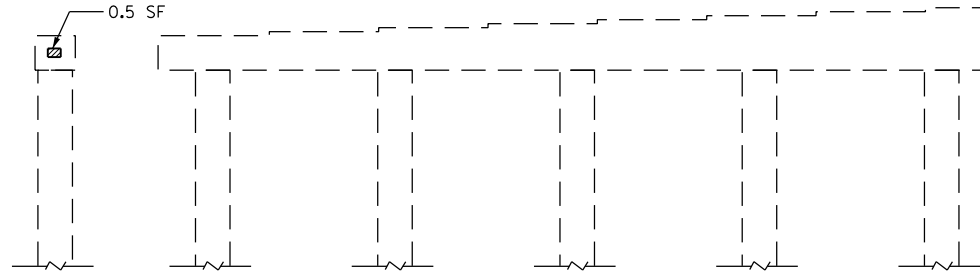FOR EPOXY COATING AND DEBRIS REMOVAL, SEE SPECIAL PROVISIONS.

PLAN OF CAP
TOP

ELEVATION
EAST SIDE

ELEVATION
SOUTH SIDE

ELEVATION
WEST SIDE
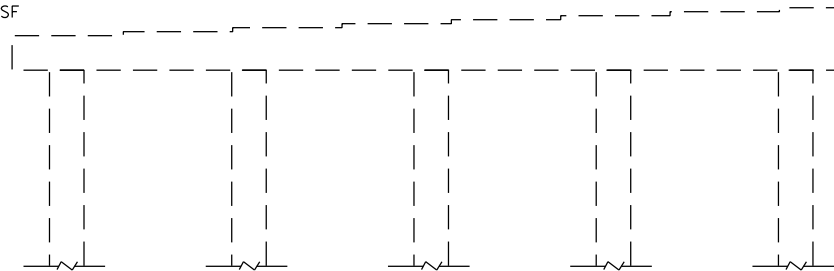
ELEVATION
NORTH SIDE

PLAN OF CAP
BOTTOM

0.5 SF

SHOTCRETE REPAIR

ERI EPOXY RESIN INJECTION

PROJECT NO. __I-5789__

__GUILFORD__ COUNTY

BRIDGE NO. __142__

DocuSigned by:

W. Matthew Clarke

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STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

SUBSTRUCTURE

BENT 3

3/31/2016

NORTH CAROLINA
PROFESSIONAL
SEAL
40257
ENGINEER
W. MATTHEW CLARKE