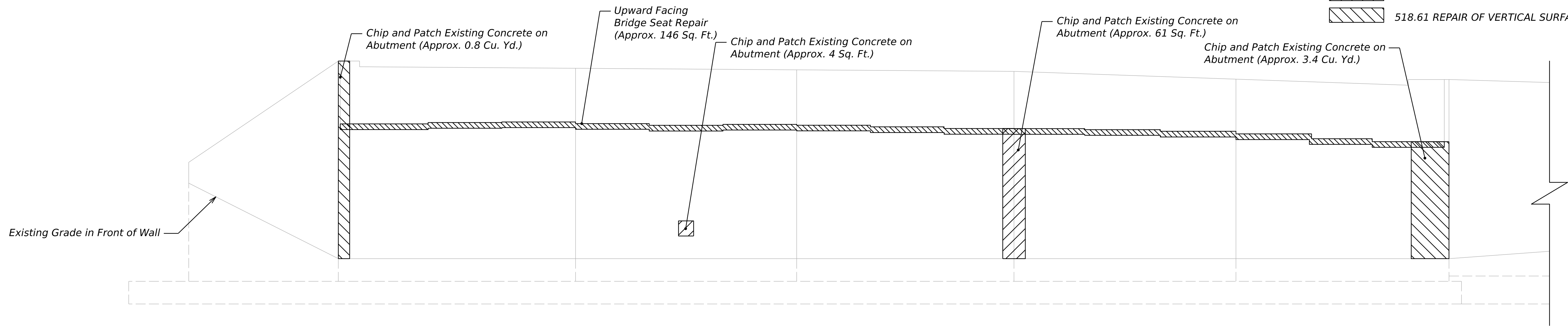
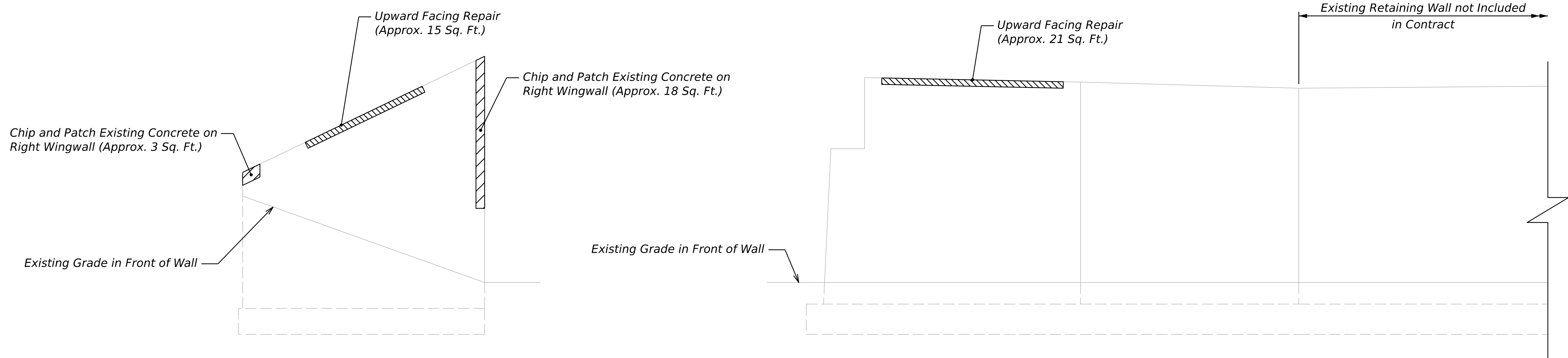




ABUTMENT 1 - ELEVATION



ABUTMENT 1 - SOUTH WING ELEVATION

ABUTMENT 1 - NORTH WING ELEVATION

ABUTMENT AND WINGWALL REPAIR NOTES:

1. The Design-Builder shall use care not to damage the existing reinforcing steel which is to remain. Any reinforcing steel damaged by the Design-Builder shall be replaced as directed by the Resident at no expense to the Department.
2. The Design-Builder shall locate by non-destructive methods, reinforcing steel in existing concrete before drilling and grouting new reinforcing steel or anchor rods to avoid conflicts.
3. Reinforcing steel shall have 2 inches cover unless otherwise approved by the Resident.
4. Existing concrete at abutments and wingwalls to be removed as shown on the Plans shall be sawcut 1 inch deep prior to removing existing concrete.
5. Where drilling and anchoring of reinforcement is implemented, the Design-Builder shall use a material listed on the Maine Department of Transportation Qualified Products List of Concrete Adhesive Anchor Systems. The depth of embedment shall be sufficient to develop 125% of the yield strength of the bar per the manufacturer's recommendations or 12 inches, whichever is greater. Proposed anchoring material and embedment depth shall be submitted for approval.
6. All dimensions based on or related to the existing bridge shall be verified in the field by the Design-Builder.
7. Prior to concrete repairs, the existing backwall, bridge seat and wingwalls shall be cleaned so that it is free of debris.

CONCRETE REPAIR LEGEND

- 518.50 REPAIR OF UPWARD FAC SURF - TO RE STEEL
- 518.51 REPAIR OF UPWARD FAC SURF-BELOW RE STEEL
- 518.52 REPAIR OF UPWARD FACING SURFACES $\geq 8"$
- 518.60 REPAIR OF VERTICAL SURFACES $< 8"$
- 518.61 REPAIR OF VERTICAL SURFACES $\geq 8"$

I-395 BRIDGE MAIN ST. BREWER PENOBSCOT COUNTY				ABUTMENT 1 - ELEVATION				SHEET NUMBER 1 OF 2	
PROJ. MANAGER		BY		DATE		STATE OF MAINE DEPARTMENT OF TRANSPORTATION 029484 WIN 029484.00 BRIDGE NO. 5799			
DESIGN-DETAILED									
CHECKED-REVIEWED				SIGNATURE					
DESIGN-DETAILED02									
DESIGN-DETAILED03									
REVISIONS 1				P.E. NUMBER					
REVISIONS 2									
REVISIONS 3				DATE					
REVISIONS 4									
FIELD CHANGES									

