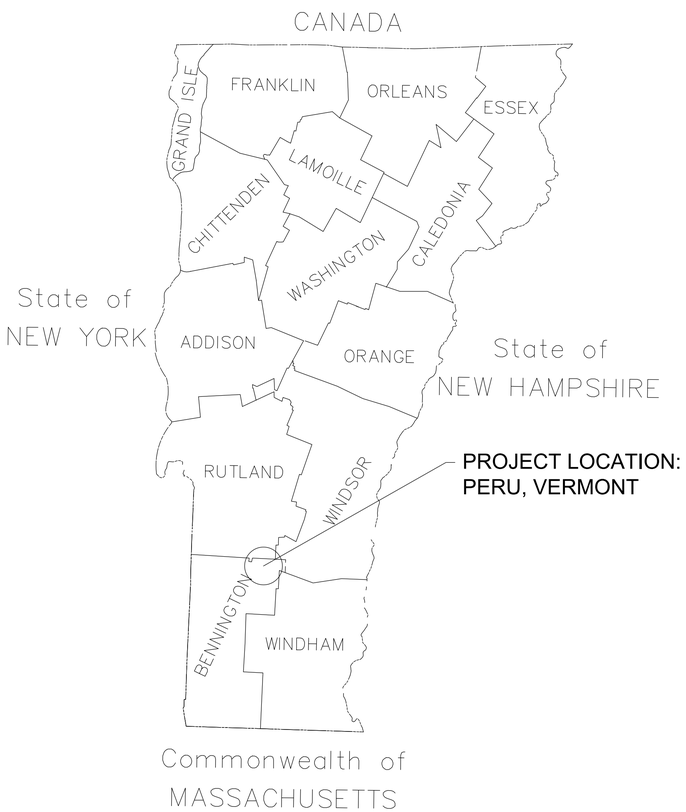
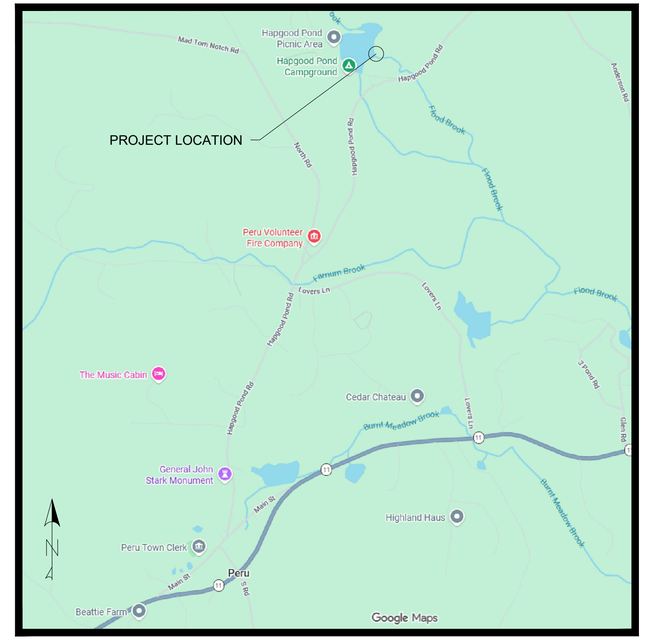
United States Department of Agriculture
Forest Service

STATE OF VERMONT
BENNINGTON COUNTY
(R09) EASTERN REGION
GREEN MOUNTAIN NATIONAL FOREST
MANCHESTER RANGER DISTRICT

HAPGOOD POND DAM SPILLWAY BRIDGE SUPPORT





PROJECT LOCATION MAP

TRAVEL DIRECTIONS:

FROM THE INTERSECTION WITH US 7 AND VT 11/30, TRAVEL EAST ON VT11 FOR 8.4 MILES TO THE INTERSECTION WITH MAIN STREET. TRAVEL NORTH ALONG MAIN STREET FOR 0.3 MILES TO THE INTERSECTION WITH HAPGOOD POND ROAD. TRAVEL 1.7 MILES NORTH ALONG HAPGOOD POND ROAD TO HAPGOOD POND RECREATION AREA.

INDEX OF SHEETS

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3/11/26 11:26 BCAUSTIN C:\USERS\BCAUSTIN\BOX\GREENMOUNTAINFINGERLAKES\PROGRAM\7100ENGINEERING\7100ENGINEERINGOPERATIONS\2026 PROJECTS\GMNF\HAPGOOD DAM BRIDGE ABUTMENT REPAIR\DWG\HAPGOOD DAM BRIDGE COVER SHEET.DWG;

GENERAL NOTES:

1. THE PROJECT WORK SHALL GENERALLY INCLUDE, BUT IS NOT LIMITED TO: CLEANING AND PEREPARING THE EXISTING CONCRETE WINGWALL SURFACE, DRILLING AND GROUTING REBAR INTO EXISTING CONCRETE, PLACING REBAR AND FORMS, AND PLACING NEW CONCRETE BRIDGE SUPPORTS.
2. ALL MATERIALS AND CONSTRUCTION SHALL CONFORM TO THE US DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION STANDARD SPECIFICATIONS FOR CONSTRUCTION OF ROADS AND BRIDGES ON FEDERAL HIGHWAY PROJECTS, FP-24, U.S. CUSTOMARY UNITS AND ITS LATEST REVISION; AND ALL SUPPLEMENTAL SPECIFICATIONS ATTACHED TO THIS TASK ORDER.
3. DIMENSIONS, ANGLES, BEARINGS, AND ELEVATIONS OF THE EXISTING FEATURES SHOWN ON THESE PLANS HAVE BEEN OBTAINED FROM LIMITED FIELD REVIEW AND AS-BUILT DRAWINGS AND MAY NOT ACCURATELY REFLECT ACTUAL FIELD CONDITIONS. THE CONTRACTOR WILL BE RESPONSIBLE FOR MAKING FIELD MEASUREMENTS OF ALL EXISTING FEATURES IMPACTED BY THE NEW WORK TO ASSURE CONSISTENCY WITH THE MODIFICATIONS PROPOSED. ANY DISCREPANCIES IN DIMENSIONS, CHARACTER, OR EXTENT OF THE EXISTING FEATURES SHALL BE BROUGHT TO THE ATTENTION OF THE COR BEFORE ADVANCING THE WORK.
4. ALL DIMENSIONS ARE HORIZONTAL OR VERTICAL, AND ARE GIVEN AT 68 DEGREES FAHRENHEIT, UNLESS OTHERWISE NOTED.
5. THE CONTRACTOR SHALL REVIEW AND UNDERSTAND ALL APPLICABLE ENVIRONMENTAL PERMITS AND SHALL ENSURE THAT ALL CONSTRUCTION CONDITIONS ARE MET.
6. THE CONTRACTOR SHALL PROVIDE A SPILL PREVENTION PLAN AND SHALL PROVIDE A SPILL KIT ON SITE AT ALL TIMES DURING CONSTRUCTION. THIS SHALL BE PAID FOR INCIDENTAL TO ALL OTHER CONTRACT ITEMS.
7. ALL SOIL MOVING EQUIPMENT SHALL BE THOROUGHLY CLEANED TO MAKE IT FREE OF SOIL, NON-NATIVE INVASIVE SPECIES, OR OTHER DEBRIS THAT COULD CONTAIN OR HOLD SEEDS PRIOR TO BEING DELIVERED TO THE PROJECT SITE. EQUIPMENT SHALL BE CONSIDERED FREE OF NON-NATIVE OR INVASIVE SPECIES AND OTHER SUCH DEBRIS WHEN A VISUAL INSPECTION BY THE COR, COMPLETED PRIOR TO THE EQUIPMENT BEING MOVED TO THE SITE, DOES NOT DISCLOSE SUCH MATERIAL PRESENT. A CURRENT LIST OF NON-NATIVE INVASIVE SPECIES OF CONCERN TO THE FOREST SERVICE IS AVAILABLE UPON REQUEST.
8. AREAS OUTSIDE THE LIMITS OF PROPOSED WORK DISTURBED BY THE CONTRACTOR'S OPERATIONS SHALL BE RESTORED BY THE CONTRACTOR TO THEIR ORIGINAL CONDITION AT THE CONTRACTOR'S EXPENSE.
9. ALL WASTE MATERIAL, EXCEPT AS NOTED, INCLUDING UNUSED EXCAVATED MATERIAL, SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF OFF U.S. GOVERNMENT (NATIONAL FOREST) LAND AT AN APPROVED LOCATION. THERE ARE NO GOVERNMENT DISPOSAL SITES OR PITS.
10. CONCRETE SHALL MEET OR EXCEED 4500 PSI COMPRESSIVE STRENGTH BASED ON STANDARD 28-DAY CYLINDER TESTS WHEN STRENGTH DATA FROM TRIAL BATCHES OR FIELD EXPERIENCE ARE NOT AVAILABLE.
11. CONTRACTOR SHALL SUBMIT PLACEMENT PROCEDURE AND MIX DESIGN TO COR FOR APPROVAL PRIOR TO STARTING CONSTRUCTION.
12. REINFORCING STEEL: DEFORMED REINFORCING BARS SHALL CONFORM TO ASTM A615, GRADE 60. ALL REINFORCING BAR DIMENSIONS ON THE DETAILED DRAWINGS ARE TO CENTERS OF BARS EXCEPT WHERE THE CLEAR DIMENSION IS SHOWN TO FACE OF CONCRETE OR OTHER SURFACE. ALL REINFORCING BAR DIMENSIONS ARE SUBJECT TO FABRICATION AND CONSTRUCTION TOLERANCES IN ACCORDANCE WITH THE LATEST CRSI MANUAL OF STANDARD PRACTICE.
15. UNLESS OTHERWISE NOTED, CONCRETE CLEAR COVER SHALL BE 3".
16. PROVIDE 1" CHAMFERS ON ALL EXPOSED EDGES OF CONCRETE UNLESS OTHERWISE NOTED.
17. CAREFULLY CLEAN ALL EXISTING CONCRETE SURFACES REMOVING ANY LOOSE CONCRETE AND DEBRIS AND APPLY AN EPOXY BONDING AGENT TO THE SURFACE WHERE THE NEW CONCRETE WILL BE APPLIED. EPOXY BONDING AGENT SHALL BE APPROVED BY THE COR AND APPLIED IN ACCORDANCE WITH MANUFACTURER'S DIRECTIONS. ALL ASSOCIATED WORK SHALL BE PAID FOR INCIDENTAL TO 55201, "STRUCTURAL CONCRETE, CLASS A".

United States Department of Agriculture
Forest Service

(R09)
EASTERN REGION

STAMPS, LOGOS, AND SEALS

NO.	REVISION / ISSUE	DATE
4		
3		
2		
1		

PROJECT NAME

HAPGOOD POND DAM SPILLWAY BRIDGE SUPPORT

GREEN MOUNTAIN NATIONAL FOREST

MANCHESTER RANGER DISTRICT

DRAWING TITLE

GENERAL NOTES

DATE 3/2/2026	ARCHIVE NO.
DESIGNER B.C. AUSTIN	DRAWING SHEET NO. G-01
DRAWN B.C. AUSTIN	
CHECKED D. DONAHUE	
PROJECT NO.	SHEET 2 OF 5

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18. SILANE WATERPROOFING SHALL BE APPLIED TO ALL EXPOSED CONCRETE SURFACES. SILANE PRODUCT SHALL BE APPROVED BY THE COR AND SHALL BE APPLIED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. THE COSTS FOR FURNISHING, TRANSPORTING, HANDLING, AND PLACING THE MATERIAL SPECIFIED AND FOR FURNISHING ALL LABOR, TOOLS, EQUIPMENT, AND INCIDENTALS NECESSARY TO COMPLETE THE WORK SHALL BE INCIDENTAL TO THE CONCRETE ITEM.

19. ALL REINFORCING BAR COSTS SHALL BE PAID UNDER ITEM 55401, "REINFORCING STEEL".

20. THE COST FOR DRILLING AND GROUTING DOWELS INTO EXISTING CONCRETE SHALL BE INCIDENTAL TO 55201, "STRUCTURAL CONCRETE, CLASS A".

SITE LOCATION

NOT TO SCALE

SOUTHERN WINGWALL

PHOTO

NORTHERN WINGWALL

PHOTO

USDA FOREST SERVICE

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CHECKED D. DONAHUE	
PROJECT NO.	SHEET 3 OF 5

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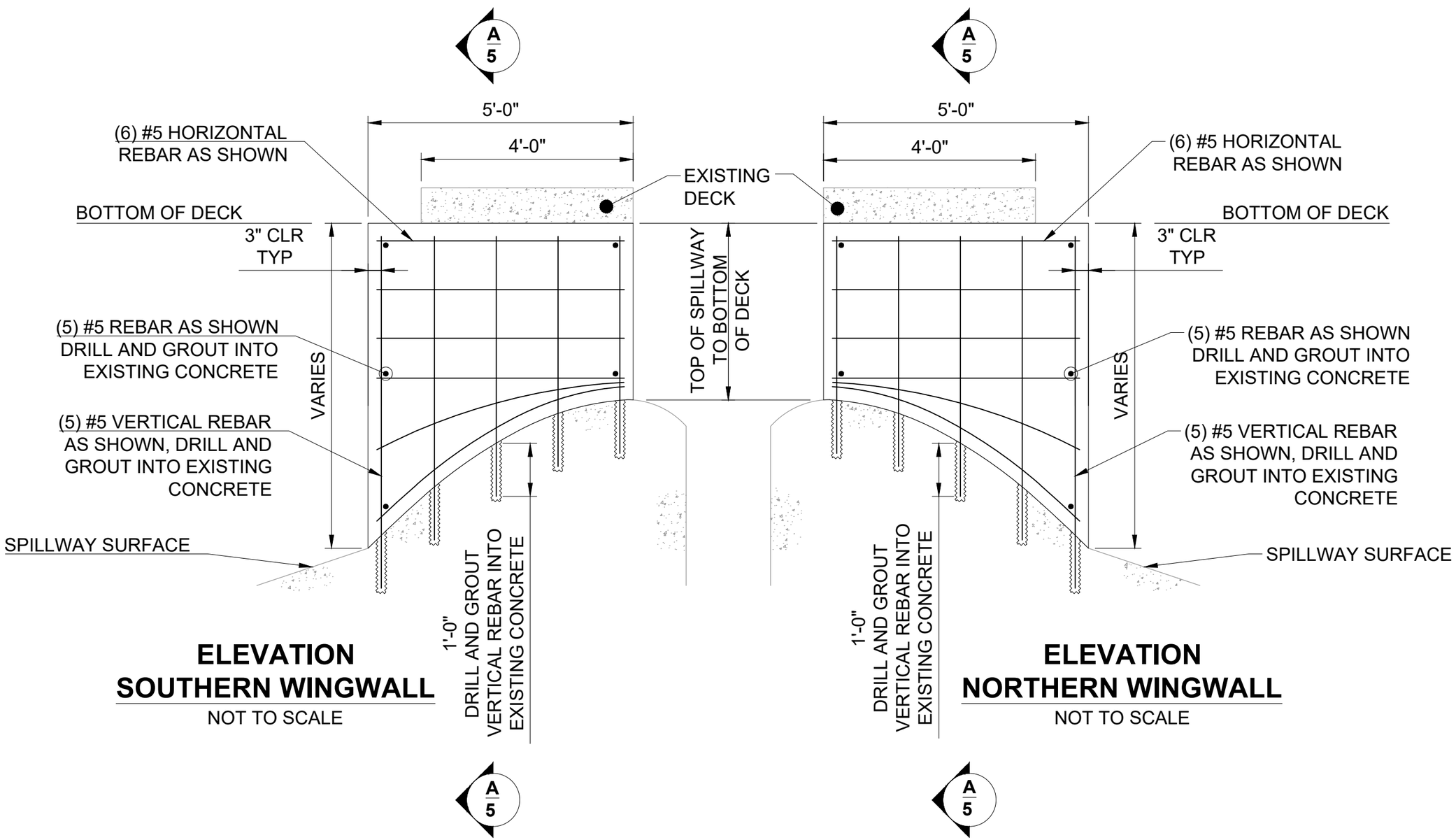

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ELEVATION VIEW

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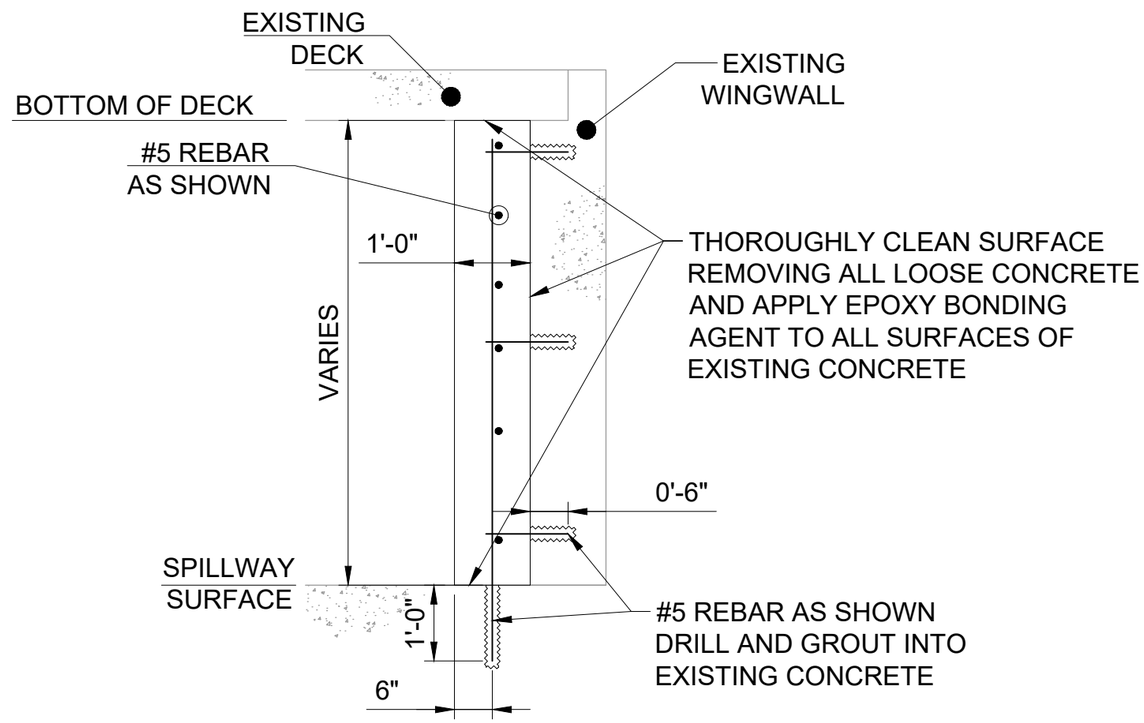

SECTION A-A

NOT TO SCALE

United States Department of Agriculture
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CROSS SECTION

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