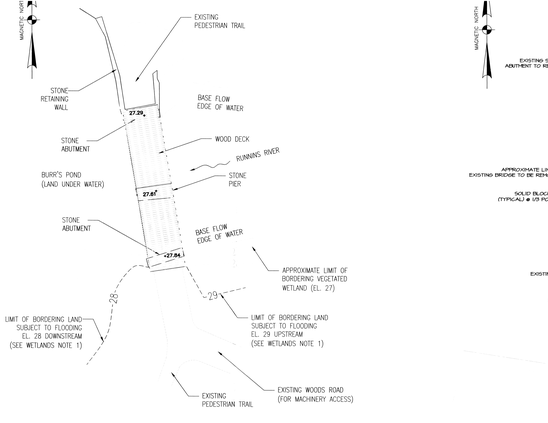
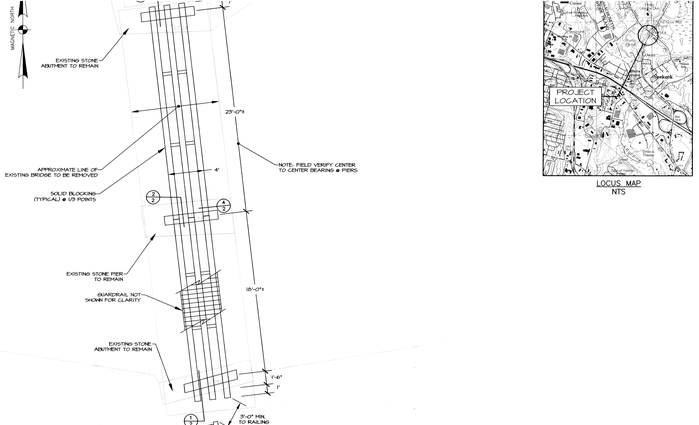


EXISTING CONDITIONS
SCALE: 1" = 10'-0"



BRIDGE PLAN STRUCTURE
SCALE: 1/4" = 1'-0"

LOCUS MAP
NTS

WETLANDS NOTES

1. FLOODPLAIN INFORMATION FOR THE RUNNING RIVER TAKEN FROM FEDERAL EMERGENCY MANAGEMENT AGENCY, FLOOD INSURANCE RATE MAP NUMBER 25009C0529F, EFFECTIVE JULY 7, 2009. THE BRIDGE IS LOCATED IN BORDERING LAND SUBJECT TO FLOODING AND IS POSITIONED AT THE INTERFACE OF 100-YEAR FLOODPLAIN ELEVATIONS 28 AND 29.
2. THE MAPPED VIEWPORT IS LOCATED ENTIRELY WITHIN 200-FOOT RIVERFRONT AREA. THE MEAN ANNUAL HIGH WATER LINE IS ESTIMATED TO OCCUR BELOW CONTOUR ELEVATION 27.

NOTIFICATION AND ACCESS

1. THE ENGINEER AND CONSERVATION AGENT SHALL BE NOTIFIED NOT LESS THAN 72 HOURS IN ADVANCE OF PROJECT COMMENCEMENT.
2. ALL MACHINERY ACCESS FOR DEMOLITION AND CONSTRUCTION PURPOSES SHALL BE FROM THE EXISTING WOODS ROAD TO THE BRIDGE AND FROM THE DESIGNATED MACHINERY ACCESS POINT SPECIFIED ON THIS PLAN.
3. PARKING AND FOOT ACCESS TO THE SOUTHERN ABUTMENT IS AVAILABLE FROM THE FOOTPATH LEADING TO THE BURR'S POND PARKING AREA, AND PARKING AND FOOT ACCESS TO THE NORTHERN ABUTMENT IS AVAILABLE FROM THE REPAVE PARKING AREA ON FALL RIVER AVENUE TO THE NORTHWEST OF THE BRIDGE.

DEMOLITION NOTES

1. ALL BRIDGE COMPONENTS SHALL BE DISASSEMBLED AND REMOVED SUCH THAT NO CONTACT WITH THE WATER SURFACE OCCURS. ANY CUTTING OF MATERIALS THAT SHALL BE REQUIRED OVER WATER SHALL REQUIRE THE USE OF NETTING OR EQUIVALENT TO CAPTURE SAWDUST AND TO PREVENT IT FROM LANDING ON THE WATER SURFACE.
2. ALL MATERIALS REMOVED THAT ARE RESPONSIBLY TRANSPORTED FOR DISPOSAL VIA THE DESIGNATED MACHINERY ACCESS ROUTE AND LAWFULLY DISPOSED OF AT AN OFF-SITE FACILITY.
3. BRIDGE COMPONENTS MUST BE REMOVED SEQUENTIALLY (AS GENERALLY DESCRIBED IN THESE NOTES) IN RECOGNITION THAT MACHINERY ACCESS IS AVAILABLE ONLY FROM THE SOUTHERLY SIDE OF THE BRIDGE.

SUGGESTED DEMOLITION AND CONSTRUCTION SEQUENCE

1. THE STRUCTURAL BRIDGE COMPONENTS COMPRISE TWO SECTIONS, SUCH THAT DEMOLITION AND CONSTRUCTION MAY OCCUR BY SECTION.
2. TRANSPORT MATERIALS REQUIRED TO REPAIR THE NORTHERN ABUTMENT OVER THE EXISTING BRIDGE AND LEAVE IN UPLANDS NORTH OF THE BRIDGE PRIOR TO BRIDGE DEMOLITION.
3. REMOVE HANDRAIL AND DECKING FROM NORTHERN HALF OF THE BRIDGE, AND HOIST EXISTING BEAMS OUT WITH EQUIPMENT CAPABLE OF REMOVING EXISTING COMPONENTS.
4. REHABILITATE NORTHERN ABUTMENT AND CENTER PIER AS INDICATED ON THE CONSTRUCTION DRAWINGS, INCLUDING GROUTING, STONE REPLACEMENT, LEVELING OF THE ABUTMENT, AND PLACEMENT OF THE NEW TIMBER BEAM SEATS.
5. LIFT NEW HORIZON BEAMS IN PLACE AND ATTACH TO THE NORTHERN AND CENTER BEAM SEATS. DECKING MAY BE INSTALLED AT THIS TIME, OR UPON INSTALLATION OF ALL STRINGERS.
6. REMOVE HANDRAIL, DECKING, AND BEAMS FROM THE SOUTHERN HALF OF THE BRIDGE IN THE SAME FASHION AS PREVIOUS SECTION.
7. REHABILITATE SOUTHERN ABUTMENT AND CENTER PIER AS INDICATED ON THE CONSTRUCTION DRAWINGS, VIA GROUTING, STONE REPLACEMENT, LEVELING OF THE ABUTMENT, AND PLACEMENT OF THE NEW TIMBER BEAM SEATS.
8. HOIST NEW BEAMS IN PLACE AND ATTACH TO CENTER AND SOUTHERN BEAM SEATS.
9. INSTALL ALL DECKING AND HANDRAIL.
10. FILL VOIDS AT TIMBER END PLATES WITH CRUSHED STONE AS REQUIRED, AND BRING GRADE OF ABUTTING FOOTPATH LEVEL WITH DECKING AT EACH APPROACH TO PREVENT TRIP HAZARD. SOILS DISTURBANCES SHALL BE KEPT TO THE MINIMUM REQUIRED.

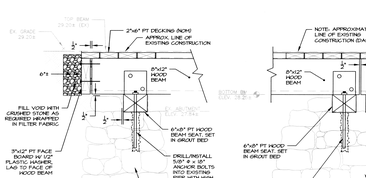
GENERAL CONSTRUCTION NOTES

1. ALL WORK SHALL CONFORM TO THE MASSACHUSETTS STATE BUILDING CODE (AND ITS APPLICABLE REFERENCED STANDARDS) AND TO LOCAL CODES.
2. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS AS THEY RELATE TO THE NEW CONSTRUCTION. REPORT TO THE ENGINEER ALL OBSERVATIONS AND ANY DISCREPANCIES BEFORE PROCEEDING WITH ANY WORK.
3. SUBMIT COMPLETE SHOP DRAWINGS AND SCHEDULES OF ALL STRUCTURAL ELEMENTS TO THE ENGINEER FOR APPROVAL PRIOR TO FABRICATION.
4. ALL CONCRETE WORK SHALL CONFORM TO ACI 318 AND 301 REQUIREMENTS. CONCRETE SHALL HAVE A MINIMUM 4,000 PSI 28-DAY COMPRESSIVE STRENGTH.
5. CONCRETE REINFORCING SHALL BE IN ACCORDANCE WITH ASTM A615, GRADE 60. INSTALLATION SHALL BE IN ACCORDANCE WITH ACI 315 AND 318.
6. ALL WORK SHALL BE IN CONFORMANCE WITH THE NATIONAL FOREST PRODUCTS ASSOCIATION STANDARDS AND SPECIFICATIONS.
7. ALL LUMBER USED IN A STRUCTURAL CAPACITY SHALL BE SOUTHERN YELLOW PINE OR EQUAL. UNLESS NOTED OTHERWISE, FB = 1150 PSI.
8. ALL WOOD SHALL BE PRESSURE TREATED.
9. ALL FASTENERS SHALL BE IN CONFORMANCE WITH THE FASTENING SCHEDULE IN THE APPLICABLE STATE BUILDING CODE, UNLESS NOTED OTHERWISE. FASTENERS EXPOSED TO THE WEATHER SHALL BE GALVANIZED OR STAINLESS STEEL.
10. FASTENERS SHALL BE EXTERIOR GRADE SCREWS OF THE PROPER LENGTH (THE USE OF NAILS IS NOT ACCEPTABLE).
11. ANY ITEM OF WORK NOT SPECIFICALLY INDICATED ON THE PLANS BUT REQUIRED TO COMPLETE THE CONSTRUCTION OF THE PROJECT WILL BE CONSIDERED INCIDENTAL TO THE CONTRACT AND SHALL BE INCLUDED IN THE CONTRACT BID PRICE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL EXISTING SITE CONDITIONS PRIOR TO SUBMITTING A BID.
12. CONTRACTOR IS RESPONSIBLE TO PROTECT ALL TREES FROM DAMAGE.
13. REPAIR OF ANY DAMAGE TO EXISTING ABUTMENTS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR, AND ANY COSTS ASSOCIATED WITH THE REPAIR OF DAMAGE SHALL BE THE CONTRACTOR'S RESPONSIBILITY WITH NO ADDITIONAL COST TO THE OWNER.
14. IT SHALL BE THE CONTRACTOR'S SOLE RESPONSIBILITY TO OBTAIN AND PAY FOR ANY AND ALL PERMITS REQUIRED BY THE STATE OF MASSACHUSETTS AND THE TOWN OF SEEKONK, MA PRIOR TO COMMENCING ANY CONSTRUCTION OPERATIONS.
15. ALL ABUTMENT WORK FOR THE PROJECT SHALL BE SCHEDULED DURING A PERIOD WHEN PRECIPITATION IS NOT FORECAST.

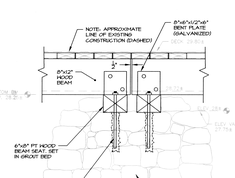
RECEIVED
OCT 05 2012
SEEKONK CONSERVATION

AP 11, LOT 39

PEDESTRIAN BRIDGE REPLACEMENT SEEKONK LAND CONSERVATION TRUST – MARTIN REFUGE SEEKONK, MASSACHUSETTS	
CAPUTO AND WICK LTD. 1150 PAWTUCKET AVE. RUMFORD, R.I. 02916 401-434-8880	DATE OCTOBER 2012 SHEET 1 OF 2



1/2 DETAIL @ SOUTH ABUTMENT
SCALE: 1" = 1'-0"



2/2 DETAIL @ CENTER PIER
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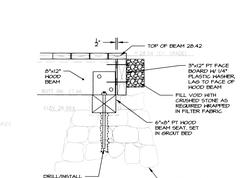

3/2 DETAIL @ NORTH ABUTMENT
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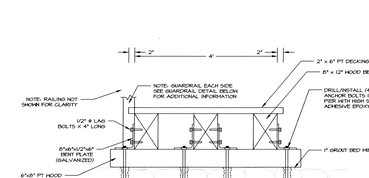
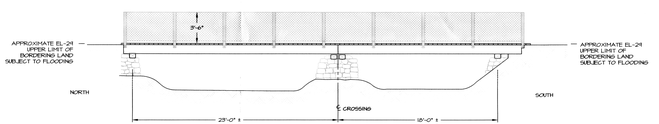
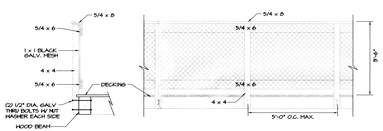


NOTE: GROUT, MORTAR, & RE-LEVEL STONE ABUTMENT AS REQUIRED TO ACCOMMODATE NEW TIMBER BEAM SEAT

4/2 CROSS SECTION AT BRIDGE
SCALE: 1" = 1'-0"



BOARDWALK PROFILE AT WATERCOURSE CROSSINGS
NTS



GUARDRAIL DETAIL
SCALE: 1/2" = 1'-0"

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CAPUTO AND WICK LTD. 1150 PAWTUCKET AVE. RUMFORD, R.I. 02916 401-434-8880	DATE OCTOBER 2012 SHEET 2 OF 2