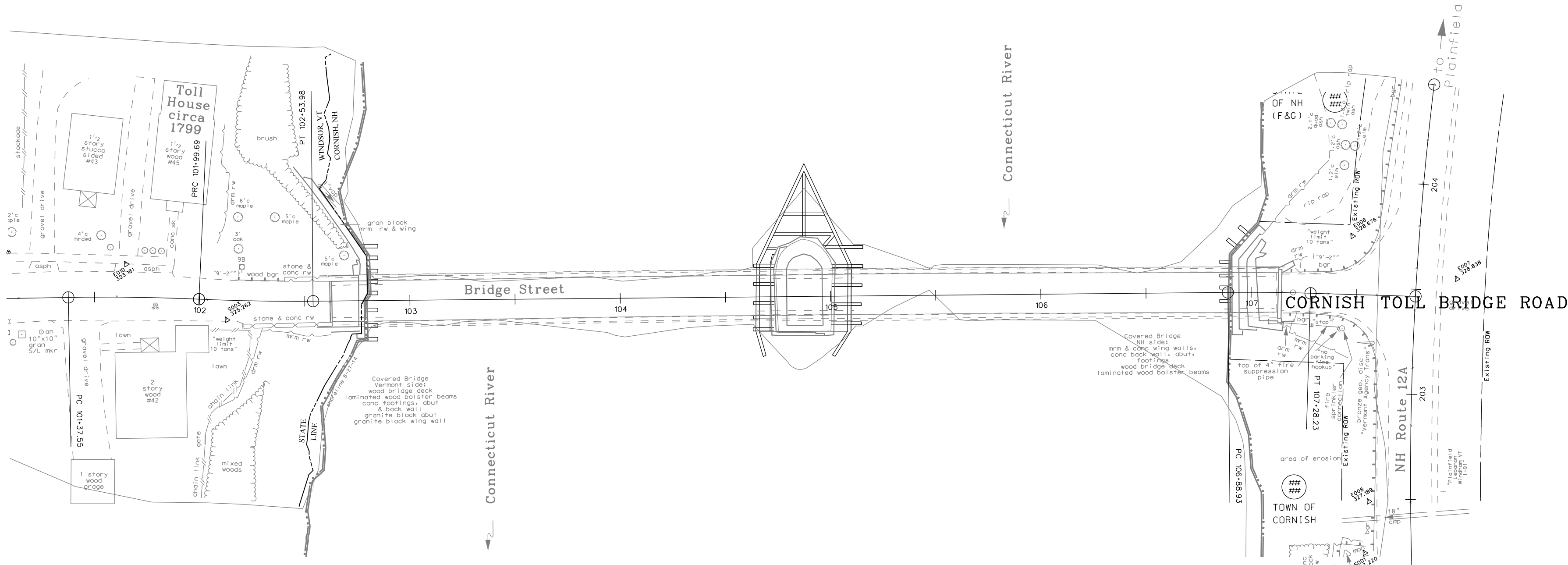
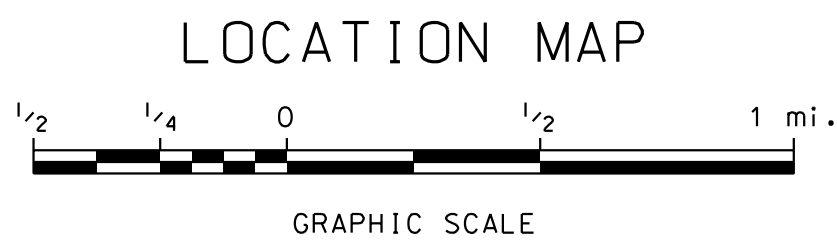
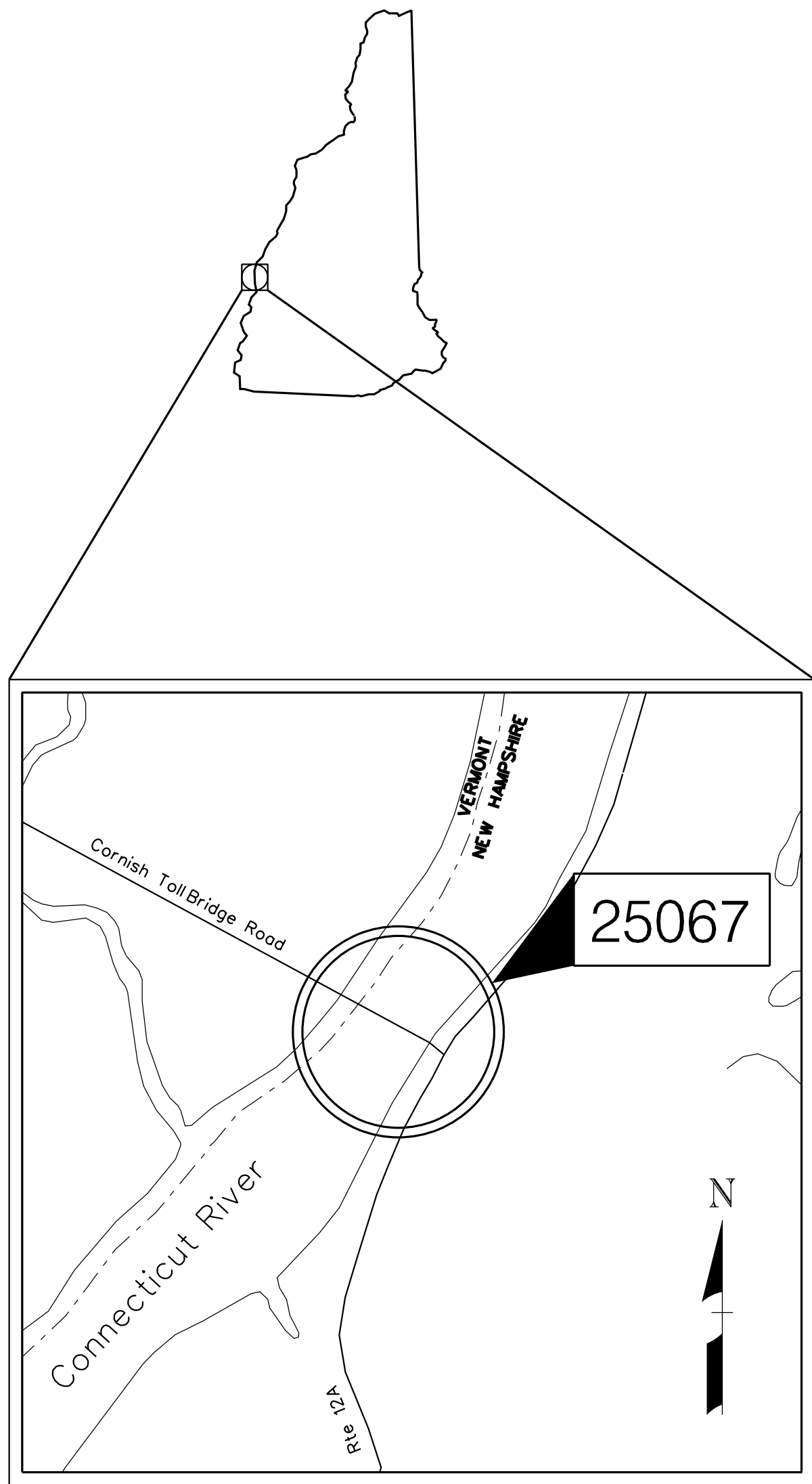
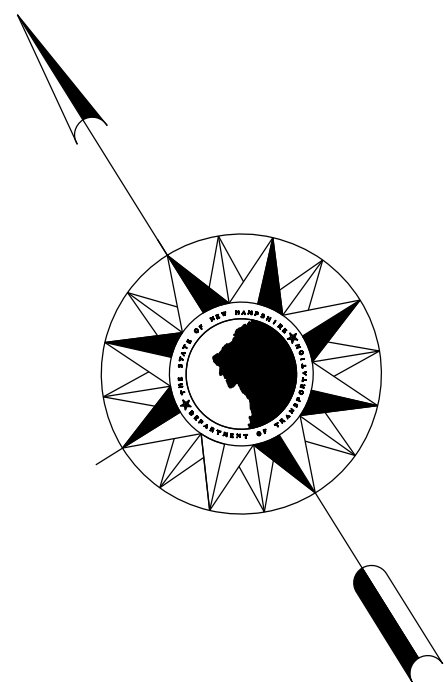


STATE OF NEW HAMPSHIRE
DEPARTMENT OF TRANSPORTATION
CONSTRUCTION PLANS
FEDERAL AID PROJECT
A0003(035)
N. H. PROJECT NO. 25067
CORNISH TOLL BRIDGE ROAD OVER CONNECTICUT RIVER



DESCRIPTION OF WORK: INSTALLATION OF SCOUR COUNTERMEASURES
AROUND THE PIER AND ALONG BOTH ABUTMENTS.

TOWN OF CORNISH, NH - WINDSOR, VT
SULLIVAN COUNTY- WINDSOR COUNTY

SCALE: 1" = 40'

PRELIMINARY
PLANS
SUBJECT TO CHANGE
DATE 9/11/2018

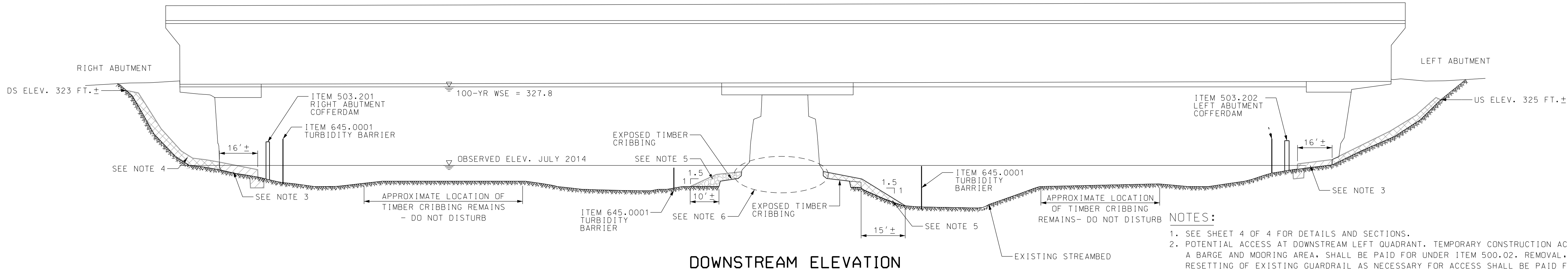
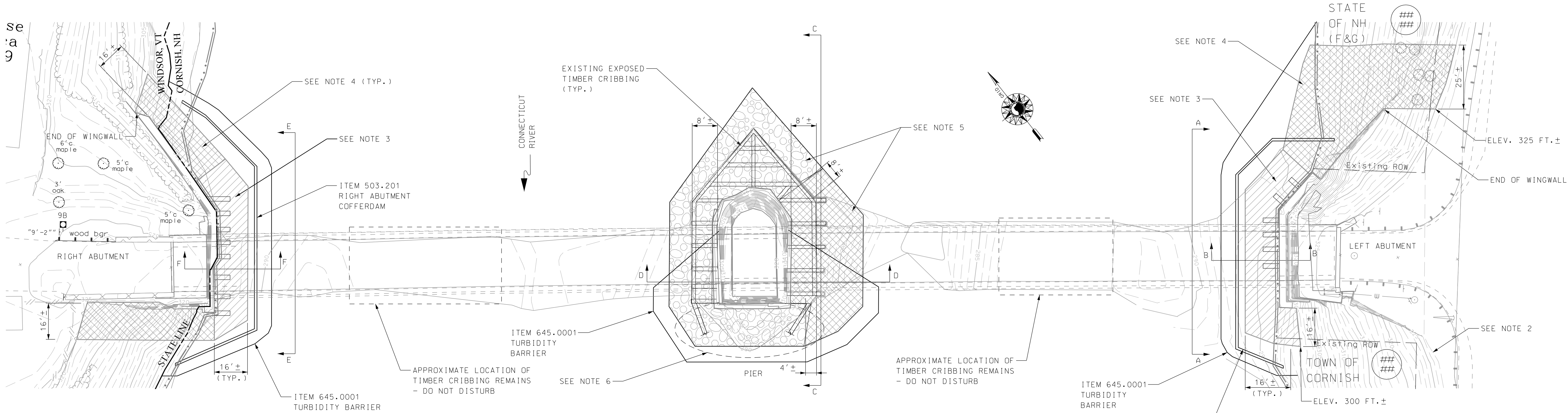
DRAWN BY L. ROBERTS
CHECKED BY XXXX
DATE 04-06-15
DATE XX-XX-XX

PLANS PREPARED BY

CHA

11 King Court · Keene, NH 03431-4648
Main: (603) 357-2445 · www.chacompanies.com

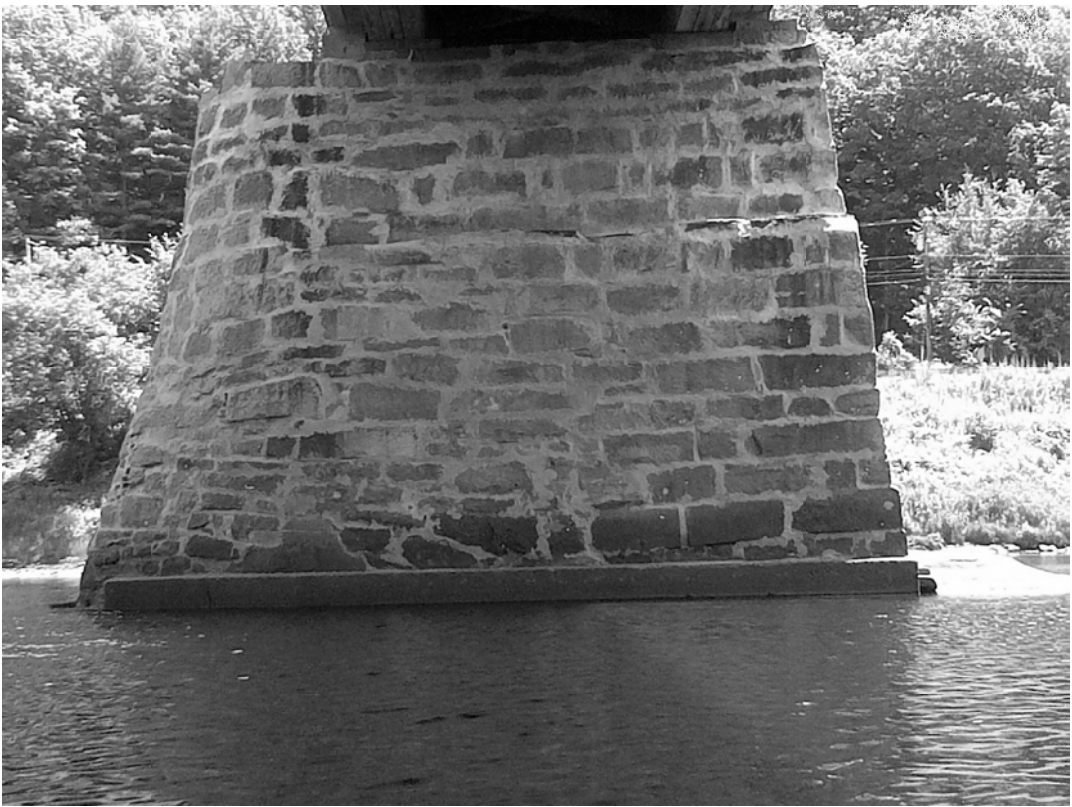
| | | | |
|---|-------------------|---------------|--------------|
| NHDOT THE STATE OF NEW HAMPSHIRE DEPARTMENT OF TRANSPORTATION | | | |
| RECOMMENDED FOR APPROVAL: | | | |
| _____ DIRECTOR OF PROJECT DEVELOPMENT | | _____ DATE | |
| APPROVED: | | | |
| _____ ASSISTANT COMMISSIONER AND CHIEF ENGINEER | | _____ DATE | |
| U. S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION | | | |
| APPROVED: | | | |
| _____ DIVISION ADMINISTRATOR | | _____ DATE | |
| FILE NUMBER | STATE PROJECT NO. | SHEET NO. | TOTAL SHEETS |
| 25067 | 25067 | 1 | 4 |



- NOTES:**
1. SEE SHEET 4 OF 4 FOR DETAILS AND SECTIONS.
 2. POTENTIAL ACCESS AT DOWNSTREAM LEFT QUADRANT. TEMPORARY CONSTRUCTION ACCESS, INCLUDING A BARGE AND MOORING AREA, SHALL BE PAID FOR UNDER ITEM 500.02. REMOVAL, STORAGE, AND RESETING OF EXISTING GUARDRAIL AS NECESSARY FOR ACCESS SHALL BE PAID FOR UNDER ITEM 606.91.
 3. PARTIALLY GROUTED RIPRAP SHALL BE PLACED AROUND AND ON TOP OF EXPOSED TIMBER MATS AT ABUTMENTS. NO EXCAVATION ON TOP OF OR BETWEEN TIMBER SHALL BE PERFORMED.
 4. CLASS A & B STONE FILL SHALL BE USED TO SUPPLEMENT EXISTING STONE ON BANKS AT THE ABUTMENTS WITH LARGER STONE NEAR THE BASE AND SMALLER STONE BLENDING INTO EXISTING. THE SLOPE SHALL BE MAINTAINED AT NO STEEPER THAN APPROXIMATELY 1:1.5.
 5. STONE FILLED TIMBER CRIBBING IS EXPOSED ALONG BOTH SIDES AND AT THE UPSTREAM NOSE OF THE PIER. CLASS B STONE SHALL BE PLACED OVER THE CRIBBING AT A DEPTH OF 1.5 FT±. AT THE OUTSIDE OF THE CRIBBING ON THE LEFT FACE, A WEDGE OF STONE FILL SHALL BE PLACED ALONG THE ENTIRE EXPOSED LENGTH WITH LARGER CLASS A STONE AT THE BASE OF THE CRIBBING AND CLASS B STONE TO BLEND UP AND OUT TO THE EXISTING STREAMBED, AS DIRECTED BY THE RESIDENT. THE SAME PROCEDURE SHALL BE DONE AROUND THE REMAINDER OF THE PIER WITH CLASS B STONE FILL.
 6. THE DOWNSTREAM END OF THE PIER HAS A LARGE BUILDUP OF SAND. THE LIMITS OF THE TIMBER CRIBBING AT THIS LOCATION ARE UNKNOWN. WITH TURBIDITY BARRIER SURROUNDING THE DOWNSTREAM NOSE OF PIER, THE CONTRACTOR SHALL CAREFULLY REMOVE SAND, AS TO NOT DAMAGE ANY TIMBER BELOW, DOWN TO THE ROCKY STREAM BED OR, AS ORDERED BY THE RESIDENT. WORK SHALL BE PAID FOR UNDER ITEM 203.1. ADDITIONAL CLASS B STONE FILL SHALL BE INSTALLED AS NECESSARY, AND BLENDED INTO THE NEW STONE PLACED ALONG THE LEFT AND RIGHT FACES OF THE PIER.
 7. CLEARING OF EXISTING VEGETATION SHALL BE LIMITED TO THE AREAS FOR CONSTRUCTION ACCESS AND COUNTERMEASURE BOUNDARIES. COST TO BE INCLUDED IN THE UNIT PRICE OF COUNTERMEASURE ITEMS.



RIGHT ABUTMENT



RIGHT FACE OF PIER



LEFT ABUTMENT

PLAN LEGEND

- PROPOSED PARTIALLY GROUTED RIPRAP (ITEM 583.0505)
- PROPOSED CLASS A & B STONE FILL (ITEM 585.1 & 585.2)
- PROPOSED CLASS B STONE FILL (ITEM 585.2)



SHEET SCALE

| STATE OF NEW HAMPSHIRE | | | | | | | | | |
|--|--|--|--|------------|--------------------|---------------------|---------------------|--------------|------|
| DEPARTMENT OF TRANSPORTATION * BUREAU OF BRIDGE DESIGN | | | | | | | | | |
| TOWN | | CORNISH, N.H., WINDSOR, VT | | | BRIDGE NO. 064/108 | | STATE PROJECT 25067 | | |
| LOCATION | | CORNISH TOLL BRIDGE ROAD & CONNECTICUT RIVER | | | | | | | |
| GENERAL PLAN AND ELEVATION | | | | | | | | BRIDGE SHEET | |
| REVISIONS AFTER PROPOSAL | | | | BY | DATE | BY | DATE | 3 OF 4 | |
| | | | | DESIGNED | SMC | 9/11 | CHECKED | WCA | 9/11 |
| | | | | DRAWN | LAR | 9/11 | CHECKED | WCA | 9/11 |
| | | | | QUANTITIES | | CHECKED | | | |
| | | | | ISSUE DATE | | FEDERAL PROJECT NO. | | SHEET NO. | |
| | | | | REV. DATE | | A0003(035) | | 3 | |
| | | | | | | | | TOTAL SHEETS | |
| | | | | | | | | 4 | |

CHA PROJ. NO. 28820

PLOTTED DATED 9/11/2018

FILE NAME : V:\PROJECTS\NANYA\3\28820\CADD\WSTN\2506\PROJ\NOTES.DGN

GENERAL NOTES

- (1) THE ORIENTATION OF THE “LEFT” AND “RIGHT” NAMING OF THE ABUTMENTS IS BASED ON LOOKING DOWNSTREAM.
- (2) CONTRACTOR SHALL BE AWARE THAT SURVEY AROUND THE PIER IS NOT COMPLETE. CONTOURS SHOWN AROUND EXISTING TIMBER CRIBBING ARE ESTIMATED FROM FIELD OBSERVATIONS. CONTRACTOR SHALL VERIFY STREAM BED CHARACTERISTICS PRIOR TO COUNTERMEASURE PLACEMENT.
- (3) WATER LEVELS WITHIN THE VICINITY OF THE BRIDGE MAY BE MONITORED USING USGS GAGE 01144500.
- (4) WILDER DAM IS LOCATED APPROXIMATELY 16 MILES UPSTREAM OF THE BRIDGE, AND IS OPERATED BY TRANSCANADA. CURRENT AND FORECASTED FLOWS FOR THIS POWER GENERATION DAM MAY BE FOUND HERE : <http://www.h2oline.com/default.aspx?pg=si&op=505121>

ACCESS FOR BRIDGE CONSTRUCTION

- (1) ITEM 500.02, ACCESS FOR BRIDGE CONSTRUCTION, SHALL CONSIST OF THE DESIGN, CONSTRUCTION, MAINTENANCE, AND REMOVAL OF ALL TEMPORARY ACCESS NEEDED BY THE CONTRACTOR.

COFFERDAMS

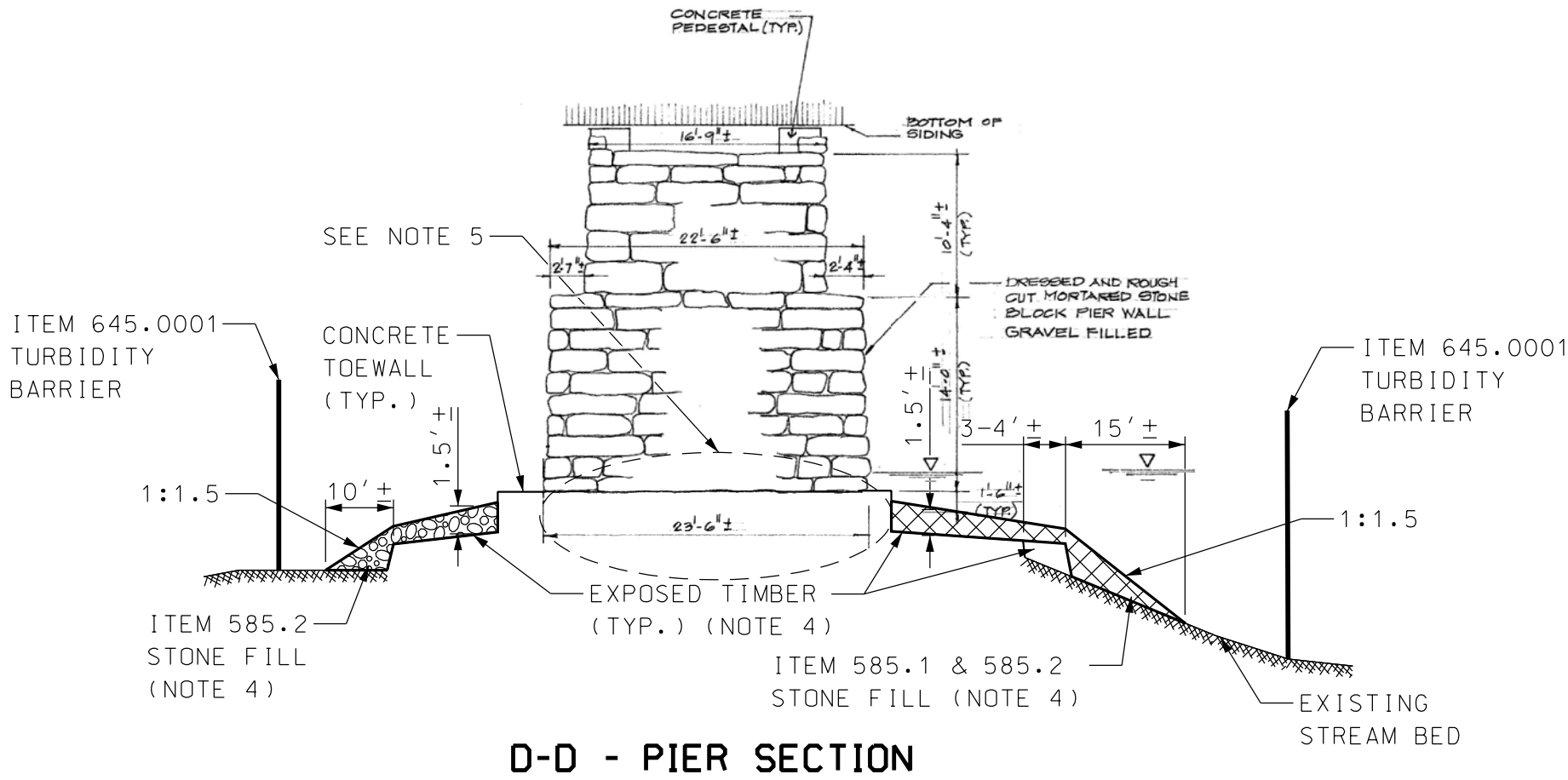
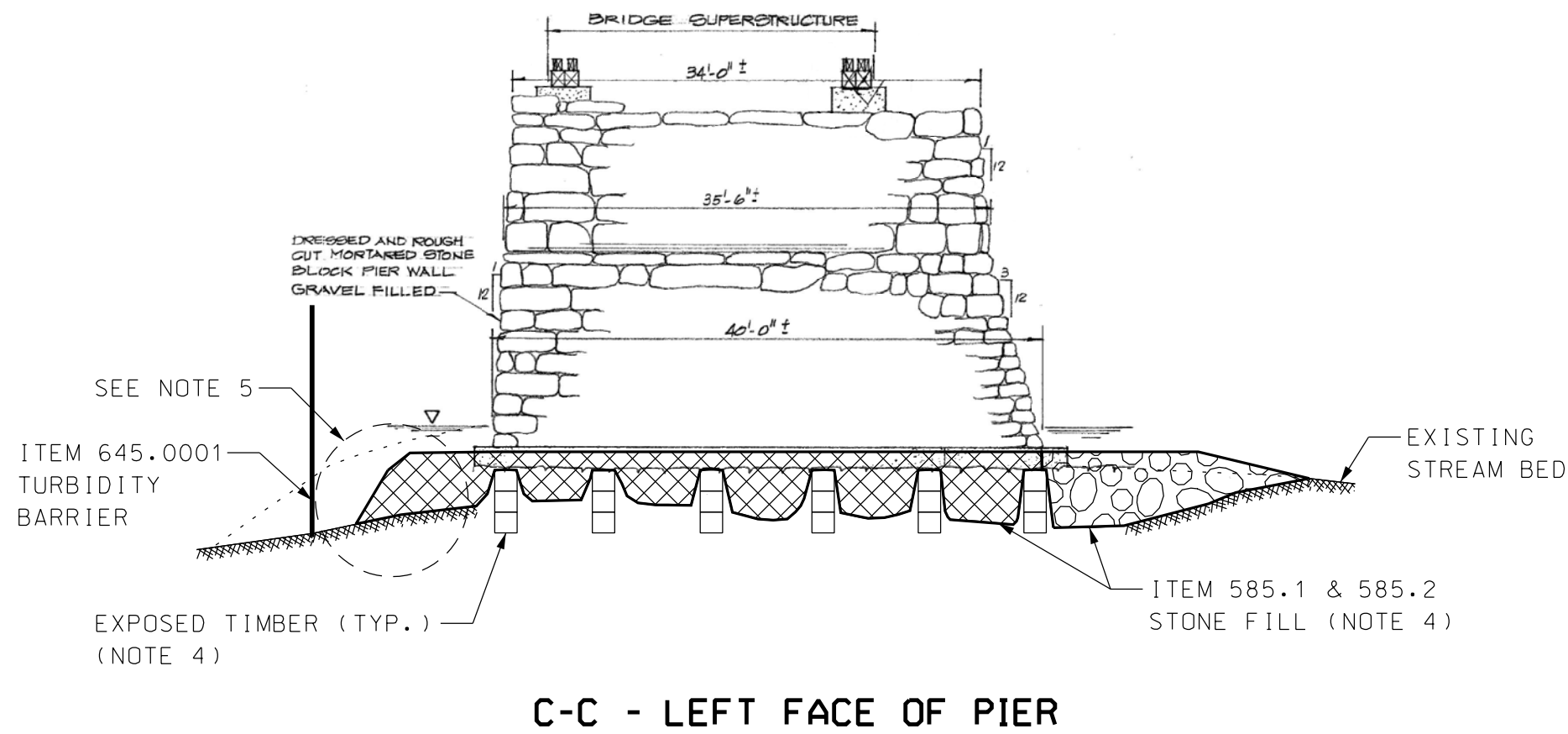
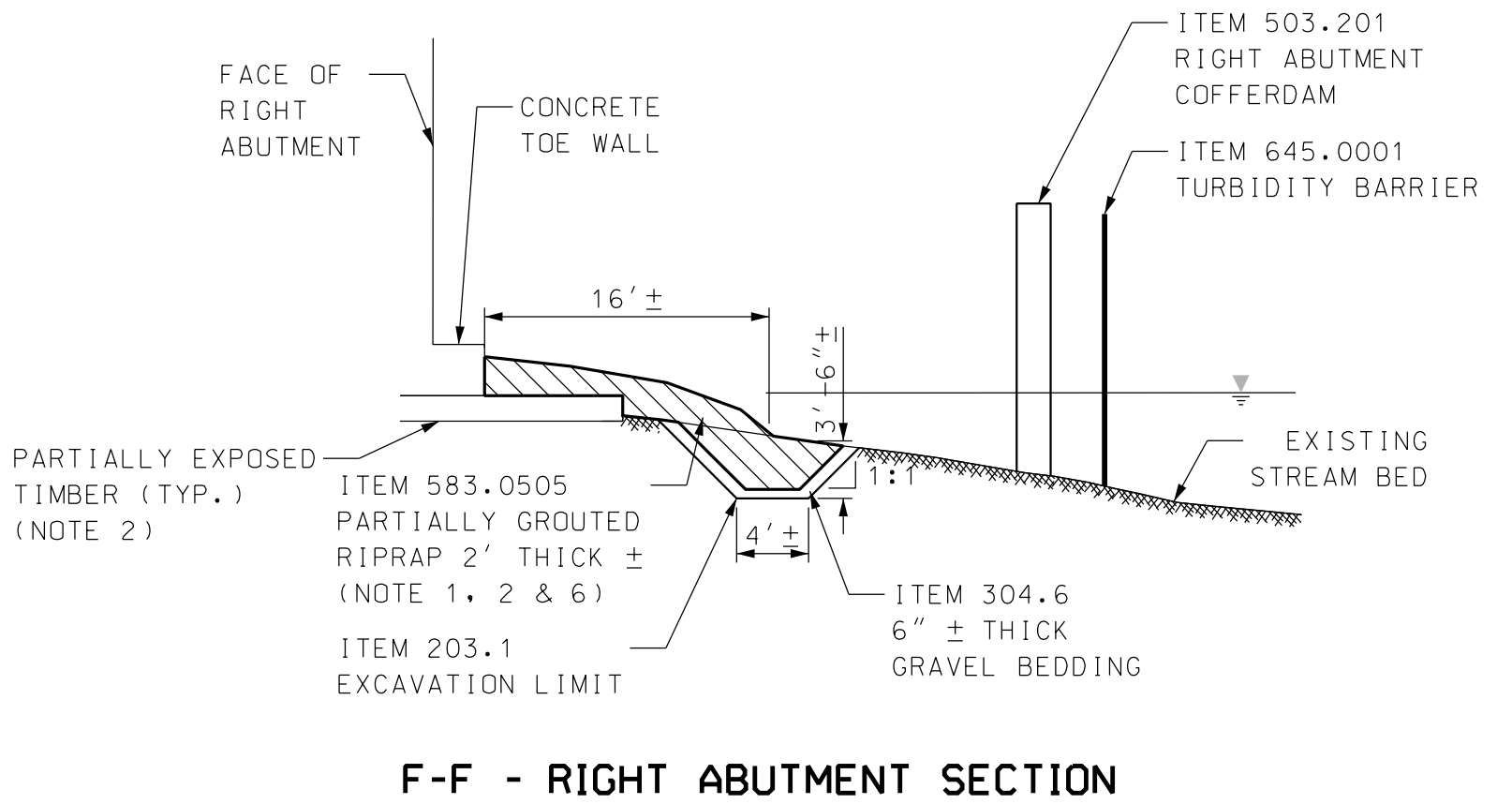
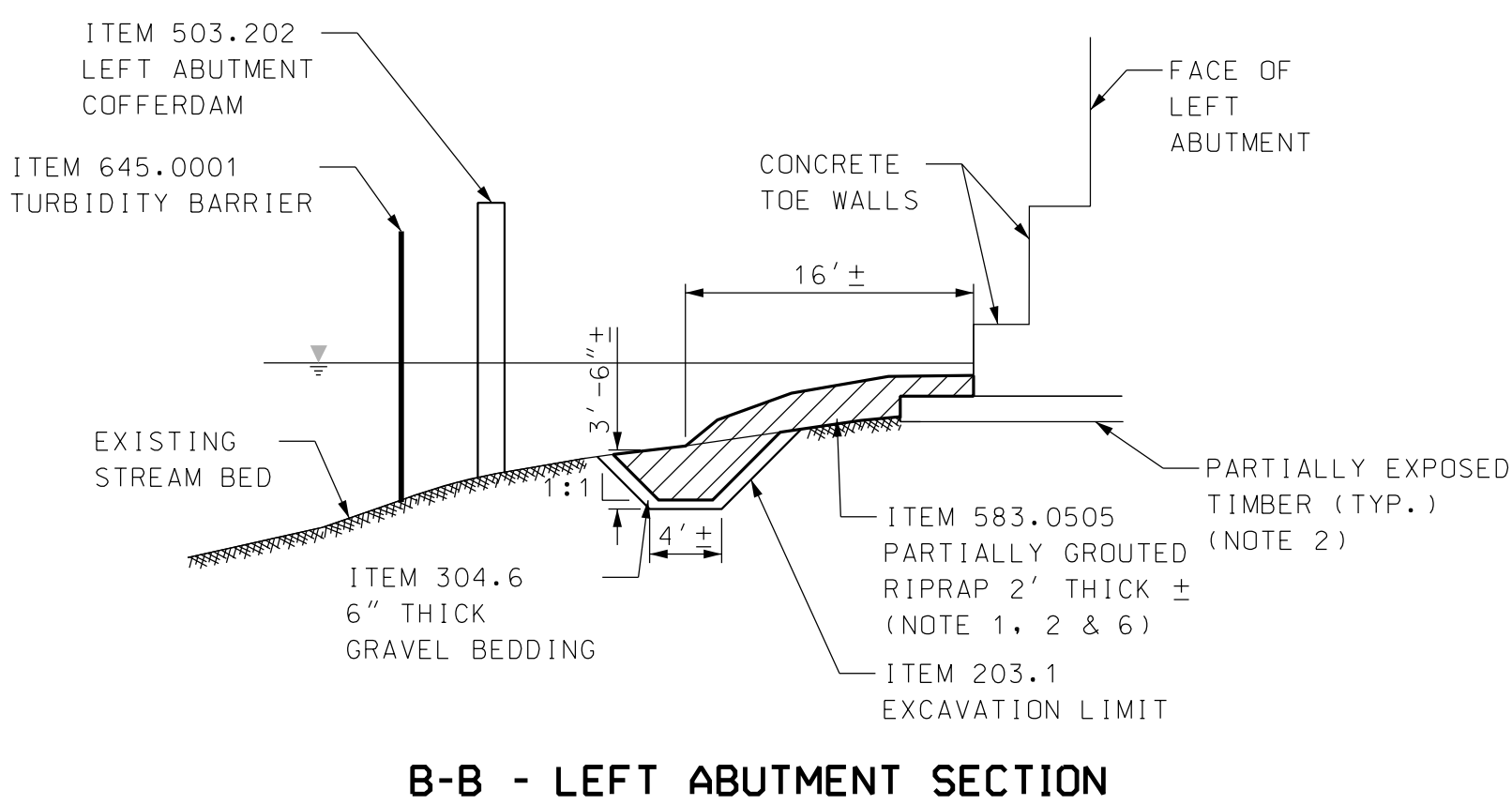
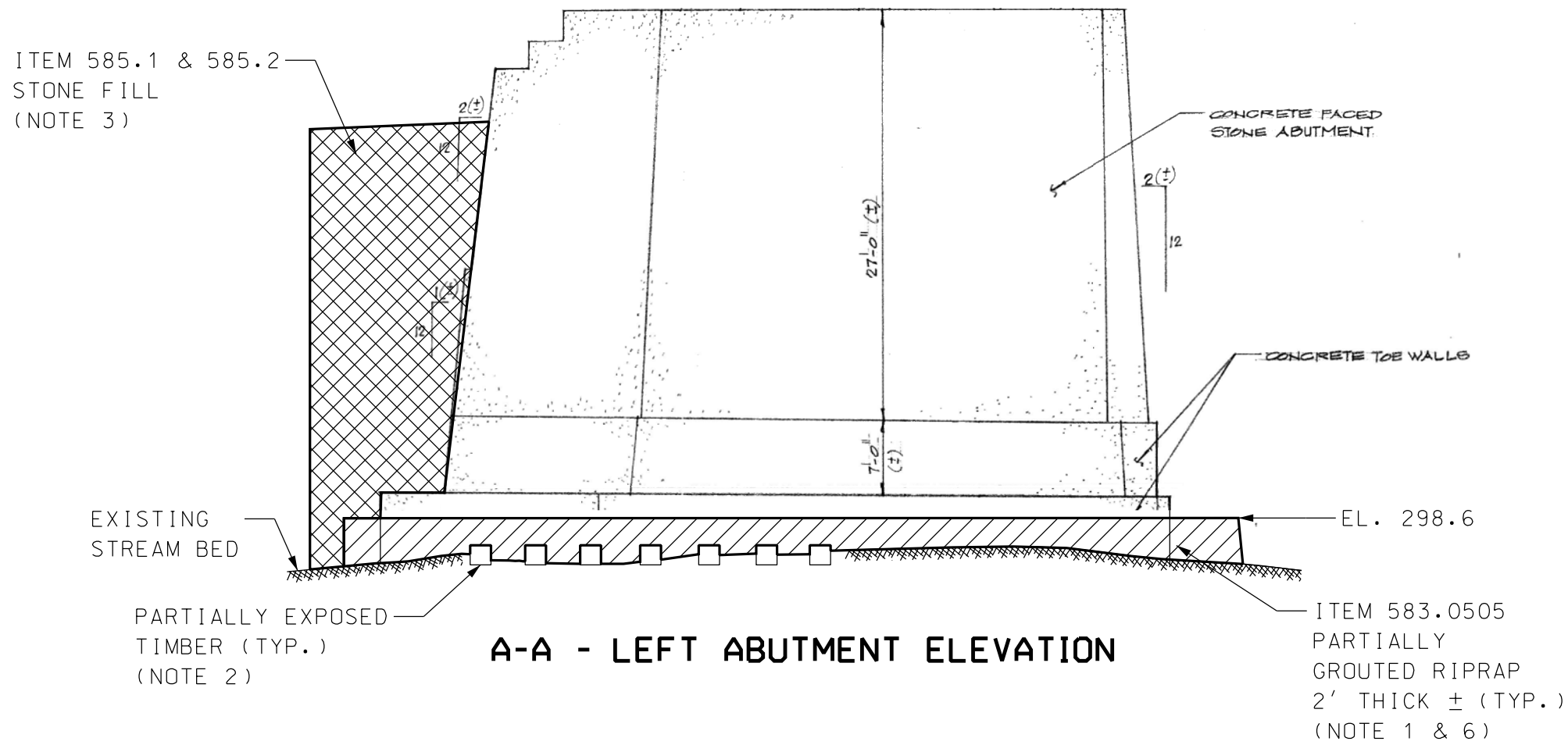
- (1) ALL ITEMS COVERED UNDER SECTION 503 OF THE SPECIFICATIONS SHALL BE PREPARED BY A PROFESSIONAL ENGINEER, LICENSED IN THE STATE OF N.H. THE CONTRACTOR SHALL SUBMIT STAMPED AND SIGNED WORKING DRAWINGS AND CALCULATIONS FOR REVIEW AND DOCUMENTATION IN ACCORDANCE WITH SECTION 105.02.
- (2) COFFERDAMS ARE REQUIRED AT EACH ABUTMENT LOCATION TO CONTROL THE STREAM INFLOW AND ADEQUATELY DEWATER THE COUNTERMEASURE INSTALLATION. SUMP PUMPING AREAS AROUND THE ENTIRE PERIMETER MAY BE REQUIRED TO ADEQUATELY CONTROL THE INFLOW OF WATER WITHIN THE AREA, DEPENDING ON THE AVERAGE RIVER LEVEL CONDITIONS AT THE TIME OF CONSTRUCTION AND THE CONTRACTOR’S METHOD OF DEWATERING. ALL COSTS FOR MATERIALS, INSTALLATION,DEWATERING, MAINTENANCE AND REMOVAL SHALL BE INCLUDED IN THE COFFERDAMS ITEMS.
- (3) CONTROL OF WATER WITHIN THE COFFERDAMS SHALL BE CONDUCTED IN SUCH A MANNER AS TO PREVENT DISTURBANCE OF THE BEARING SOIL. PUMPING AREAS SHALL BE LOCATED OUTSIDE THE COUNTERMEASURE LIMITS, WITHIN THE COFFERDAMS, AND PROPERLY FILTERED TO PREVENT THE PUMPING OF FINES.
- (4) THE CONTRACTOR SHALL BE REQUIRED TO GROUT IN THE DRY.
- (5) IT SHOULD BE NOTED THAT IN SOME LOCATIONS PRE-EXCAVATION OF COBBLES AND BOULDERS MAY BE REQUIRED PRIOR TO PLACING COFFERDAMS AND TURBIDITY BARRIERS. DURING EXCAVATION THE CONTRACTOR SHALL DISTURB THE AREA AS LITTLE AS POSSIBLE AND USE NECESSARY PRECAUTIONS TO MINIMIZE THE IMPACTS TO THE RIVER. ALL COSTS INCLUDED IN THE COFFERDAM ITEMS.

| SUMMARY OF BRIDGE QUANTITIES | | |
|------------------------------|-----------------------------------|------|
| ITEM NUMBER | DESCTIPTION | UNIT |
| 203.1 | COMMON EXCAVATION | CY |
| 304.6 | CRUSHED STONE (VERY COARSE) | CY |
| 500.02 | ACCESS FOR BRIDGE CONSTRUCTION | U |
| 503.201 | COFFERDAMS | U |
| 503.202 | COFFERDAMS | U |
| 583.0505 | PARTIALLY GROUTED RIPRAP | CY |
| 585.1 | STONE FILL, CLASS A | CY |
| 585.2 | STONE FILL, CLASS B | CY |
| 606.91 | RESETTING OR SETTING GUARDRAIL | LF |
| 645.0001 | EROSION CONTROL TURBIDITY BARRIER | LF |



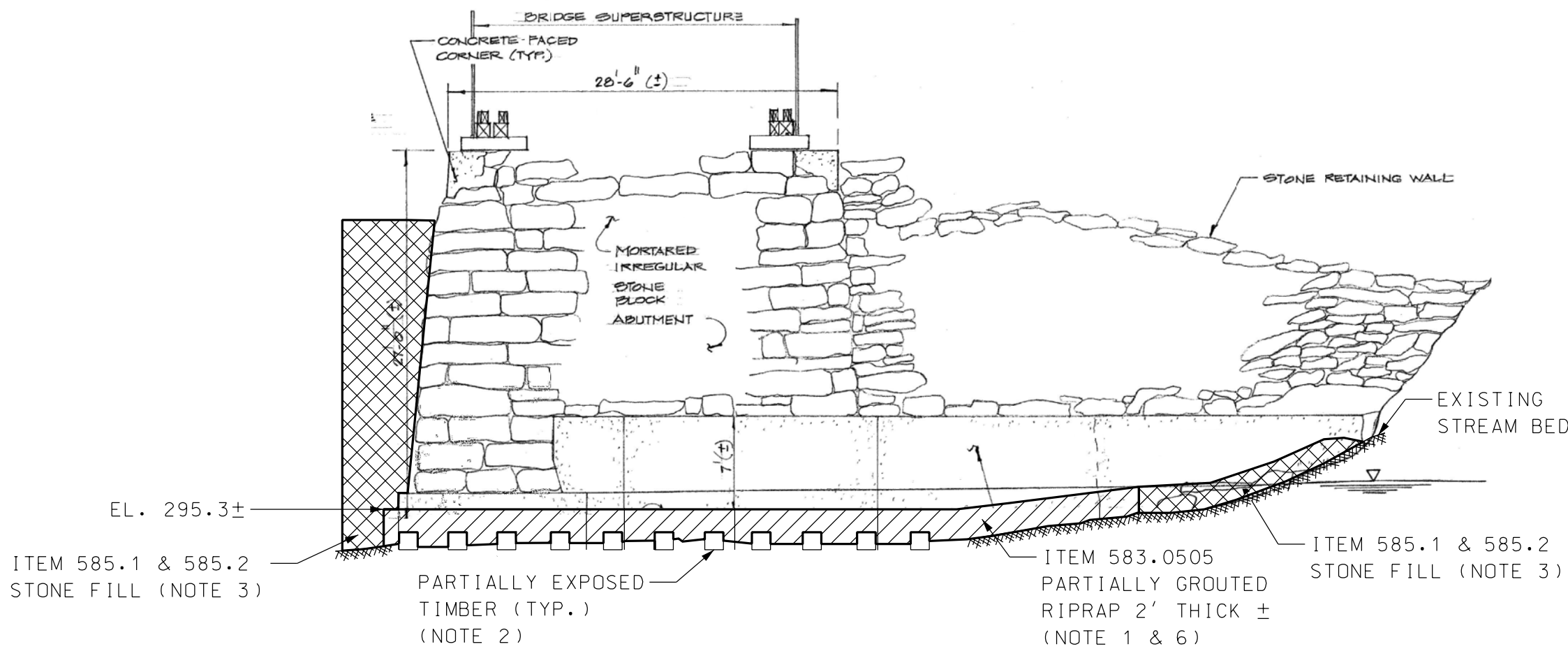
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| SHEET SCALE | |
| | |

| STATE OF NEW HAMPSHIRE | | | | | | | | | |
|--|--|--|--|------------|--------------------|---------------------|---------------------|-----------|--------------|
| DEPARTMENT OF TRANSPORTATION * BUREAU OF BRIDGE DESIGN | | | | | | | | | |
| TOWN | CORNISH, N.H., WINDSOR, VT | | | | BRIDGE NO. 064/108 | | STATE PROJECT 25067 | | |
| LOCATION | CORNISH TOLL BRIDGE ROAD & CONNECTICUT RIVER | | | | | | | | |
| GENERAL NOTES AND ESTIMATE | | | | | | | | | BRIDGE SHEET |
| REVISIONS AFTER PROPOSAL | | | | BY | | DATE | | 2 OF 4 | |
| | | | | DESIGNED | SMC | 9/11 | CHECKED | WCA | 9/11 |
| | | | | DRAWN | LAR | 9/11 | CHECKED | WCA | 9/11 |
| | | | | QUANTITIES | | | CHECKED | | FILE NUMBER |
| | | | | ISSUE DATE | | FEDERAL PROJECT NO. | | SHEET NO. | |
| | | | | REV. DATE | | A0003(035) | | 2 | TOTAL SHEETS |
| | | | | | | | | 4 | |



NOTES:

- PARTIALLY GROUTED RIPRAP (PGR) AT ABUTMENTS SHALL BE PLACED UNDER DRY CONDITIONS UTILIZING COFFERDAMS. CONDITIONS SHALL REMAIN DRY FOR APPROXIMATELY 4 HOURS AFTER GROUT APPLICATION HAS BEEN COMPLETED. THE COFFERDAMS SHALL REMAIN IN PLACE FOR 24 HOURS FOLLOWING COMPLETION OF THE PGR INSTALLATION, AFTER WHICH THEY SHALL BE COMPLETELY REMOVED. WATER DOWNSTREAM OF GROUTING OPERATION SHALL BE MONITORED FOR PH INCREASES UNTIL INSTALLATION IS COMPLETE.
- PARTIALLY GROUTED RIPRAP SHALL BE PLACED AROUND AND ON TOP OF EXPOSED TIMBER MATS AT ABUTMENTS. NO EXCAVATION ON TOP OF OR BETWEEN TIMBERS SHALL BE PERFORMED.
- CLASS A & B STONE FILL SHALL BE USED TO SUPPLEMENT EXISTING STONE ON BANKS AT ABUTMENTS WITH LARGER STONE NEAR THE BASE AND SMALLER STONE BLENDING INTO EXISTING. THE SLOPE SHALL BE MAINTAINED AT NO STEEPER THAN APPROXIMATELY 1:1.5.
- STONE FILLED TIMBER CRIBBING IS EXPOSED ALONG BOTH SIDES AND AT THE UPSTREAM NOSE OF THE PIER. CLASS B STONE SHALL BE PLACED OVER THE CRIBBING AT A DEPTH OF 1.5 FT ±. AT THE OUTSIDE OF THE CRIBBING ON THE LEFT FACE, A WEDGE OF STONE FILL SHALL BE PLACED ALONG THE ENTIRE EXPOSED LENGTH WITH LARGER CLASS A STONE AT THE BASE OF THE CRIBBING AND CLASS B STONE TO BLEND UP AND OUT TO THE EXISTING STREAMBED, AS DIRECTED BY THE RESIDENT. THE SAME PROCEDURE SHALL BE DONE AROUND REMAINDER OF THE PIER WITH CLASS B STONE FILL.
- THE DOWNSTREAM END OF THE PIER HAS A LARGE BUILD UP OF SAND. THE LIMITS OF THE TIMBER CRIBBING AT THIS LOCATION ARE UNKNOWN. WITH TURBIDITY BARRIER SURROUNDING THE DOWNSTREAM NOSE OF THE PIER, THE CONTRACTOR SHALL CAREFULLY REMOVE SAND, AS TO NOT DAMAGE ANY TIMBER BELOW, DOWN TO THE ROCKY STREAM BED, OR AS ORDERED BY THE RESIDENT. WORK SHALL BE PAID FOR UNDER ITEM 203.1. ADDITIONAL CLASS B STONE FILL SHALL BE INSTALLED AS NECESSARY, AND BLENDED INTO THE NEW STONE PLACED ALONG THE LEFT AND RIGHT FACES OF THE PIER.
- AS ORDERED BY RESIDENT, EXISTING STONE AROUND ABUTMENTS MAY BE INCORPORATED INTO THE NEW PARTIALLY GROUTED RIPRAP.



PLAN LEGEND:

- PROPOSED PARTIALLY GROUTED RIPRAP (ITEM 583.0505)
- PROPOSED CLASS A & B STONE FILL (ITEM 585.1 & 585.2)
- PROPOSED CLASS B STONE FILL (ITEM 585.2)

| STATE OF NEW HAMPSHIRE | | | | | | | | | | | |
|--|----------------------------|--|--|------------|--------------------|---------------------|------|---------------------|-----------|--------------|--------------|
| DEPARTMENT OF TRANSPORTATION * BUREAU OF BRIDGE DESIGN | | | | | | | | | | | |
| TOWN | CORNISH, N.H., WINDSOR, VT | | | | BRIDGE NO. 064/108 | | | STATE PROJECT 25067 | | | |
| LOCATION CORNISH TOLL BRIDGE ROAD & CONNECTICUT RIVER | | | | | | | | | | | |
| COUNTERMEASURE DETAILS | | | | | | | | | | BRIDGE SHEET | |
| REVISIONS AFTER PROPOSAL | | | | | | BY DATE | | BY DATE | | 4 OF 4 | |
| | | | | DESIGNED | | SMC | 9/11 | CHECKED | WCA | 9/11 | FILE NUMBER |
| | | | | DRAWN | | LAR | 9/11 | CHECKED | WCA | 9/11 | |
| | | | | QUANTITIES | | | | CHECKED | | | |
| ISSUE DATE | | | | | | FEDERAL PROJECT NO. | | | SHEET NO. | | TOTAL SHEETS |
| REV. DATE | | | | | | A0003(035) | | | 4 | | 4 |

LEGEND

PRIVATE ACCESS

STABILIZED CONSTRUCTION ACCESS

TOWN ROAD

TYPICAL SECTION

GATE

LAY DOWN AREA

PREFERRED ACCESS ROUTE

GENERAL ACCESS ROUTE

AREA OF NON-DISTURANCE



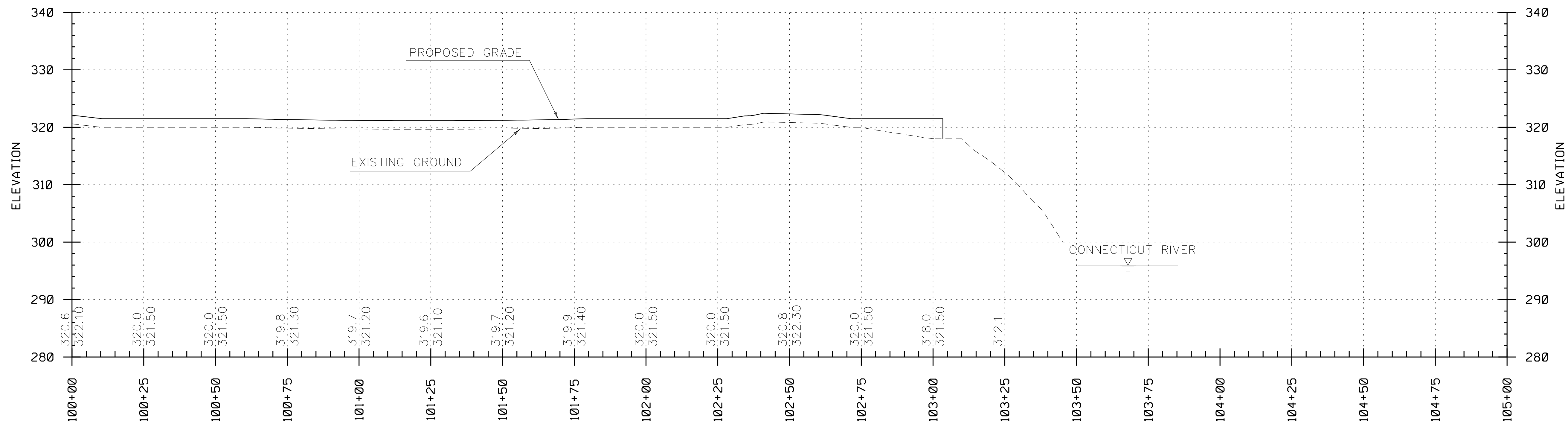
PROJECT NAME: WINDSOR-CORNISH BRIDGE
CONSTRUCTION ACCESS
PROJECT NUMBER: NH 25067

FILE NAME: 25067DET.dgn
PROJECT LEADER:
DESIGNED BY:

PLOT DATE: 06/07/2018
DRAWN BY: REB
CHECKED BY: WCA
SHEET 1 OF 2



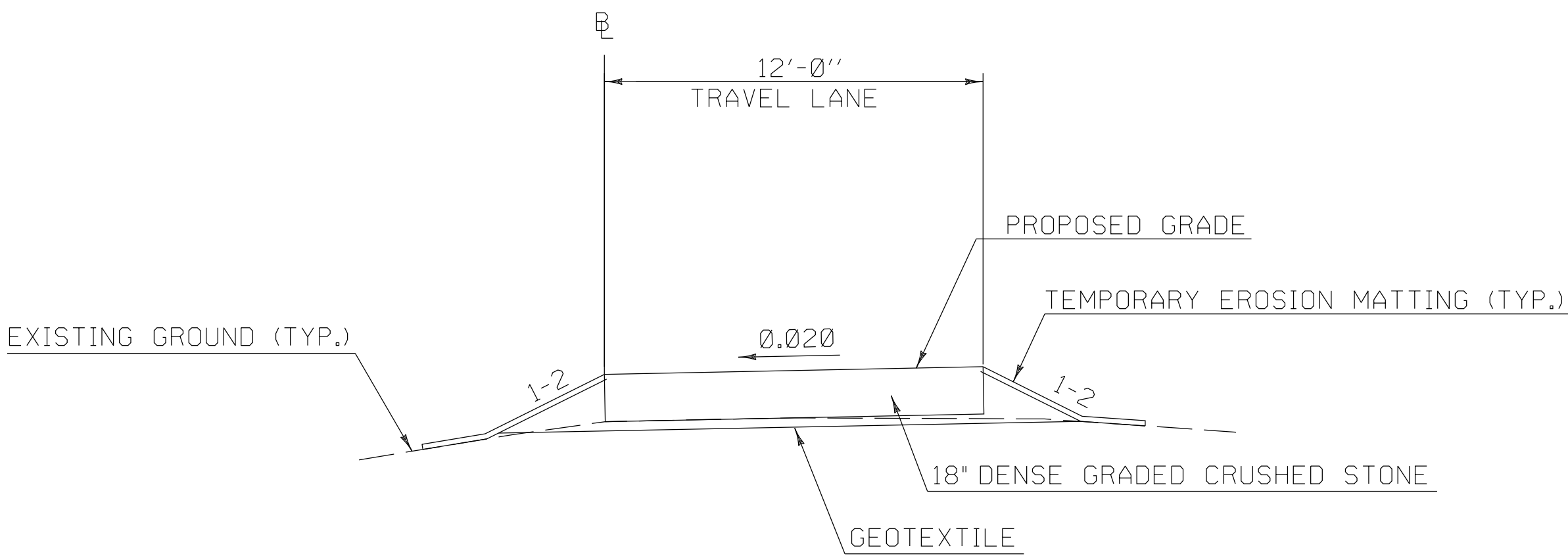
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DATE/TIME = 6/19/2018 10:08:08
USER = BBRONN



PROFILE - CONSTRUCTION ACCESS
SCALE: HORIZONTAL 1" = 20'
VERTICAL 1" = 10'

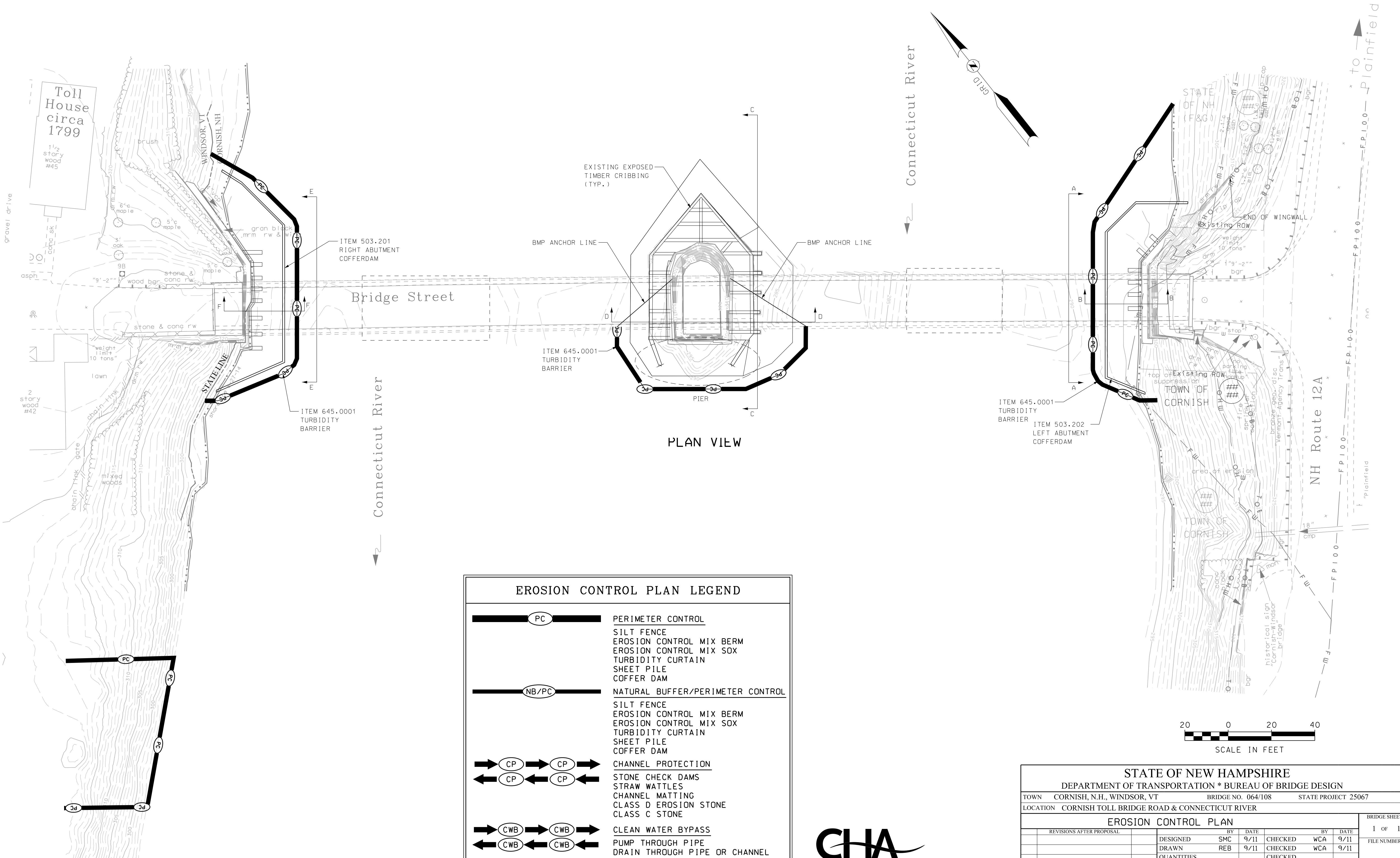
TYPICAL SECTION
ACCESS ROUTE

18" DENSE GRADED CRUSHED STONE



NORMAL SECTION
SCALE: 1/4" = 1'-0"

| | | | |
|-----------------|---|-----------------|------------|
| PROJECT NAME: | WINDSOR-CORNISH BRIDGE CONSTRUCTION ACCESS | PROJECT NUMBER: | NH 25067 |
| FILE NAME: | 25067DET.dgn | PLOT DATE: | 06/07/2018 |
| PROJECT LEADER: | | DRAWN BY: | REB |
| DESIGNED BY: | | CHECKED BY: | WCA |
| | | SHEET | 2 OF 2 |

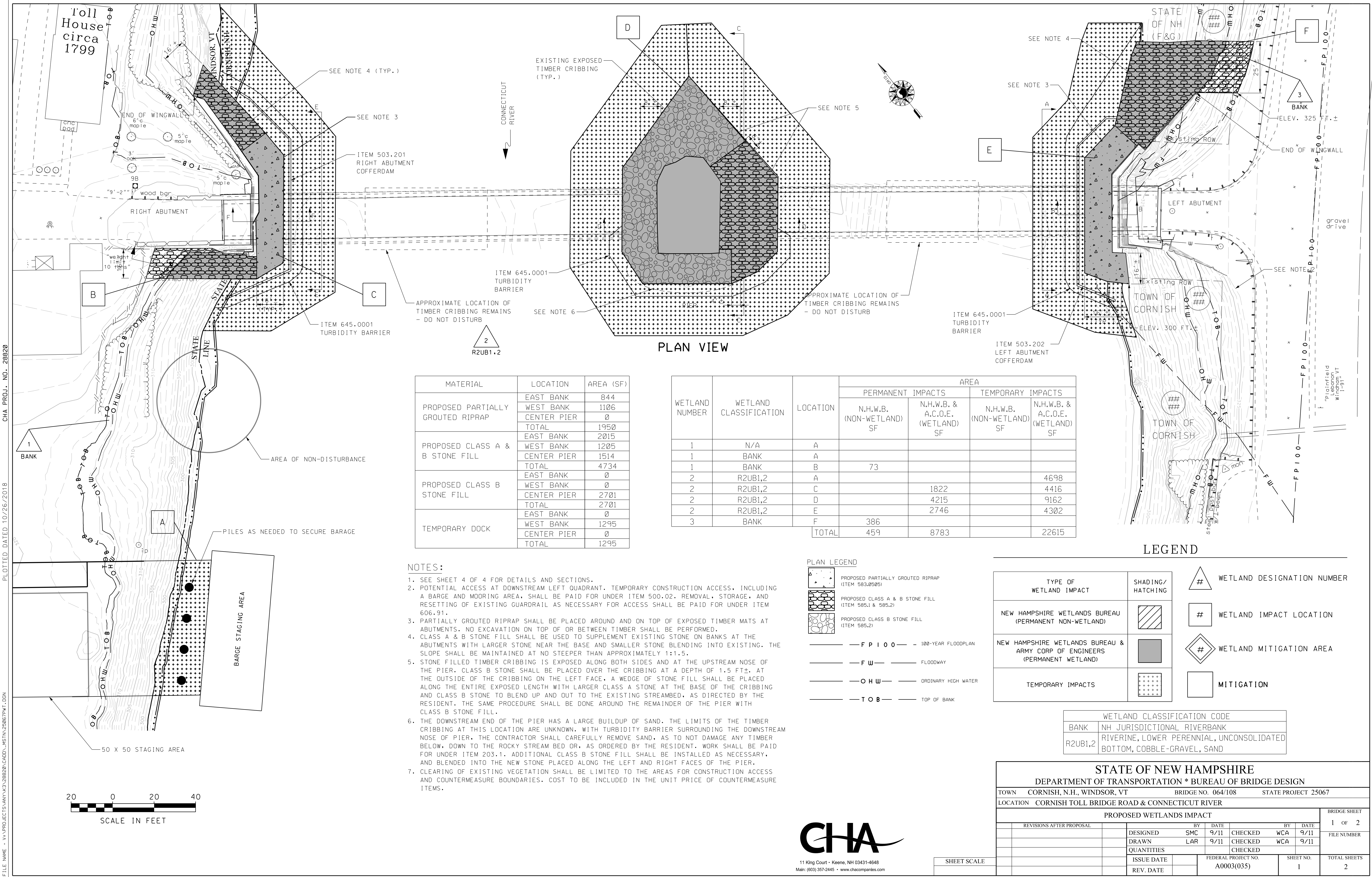


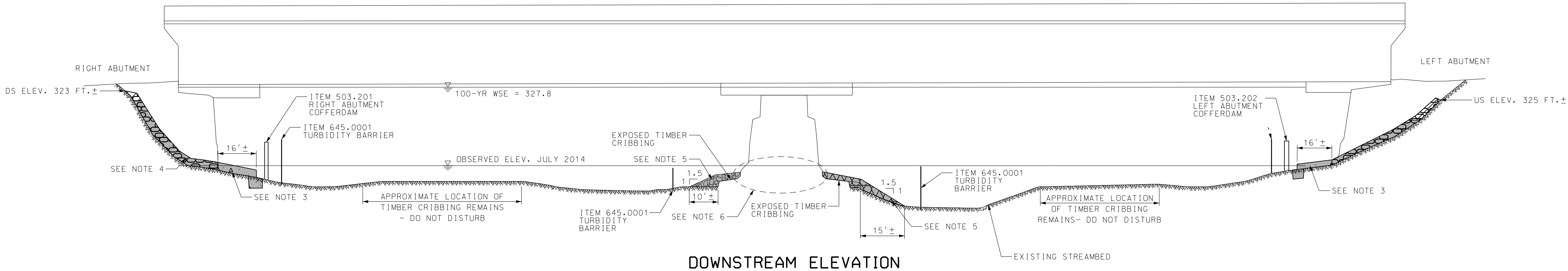
| EROSION CONTROL PLAN LEGEND | |
|-----------------------------|--|
| | PERIMETER CONTROL SILT FENCE EROSION CONTROL MIX BERM EROSION CONTROL MIX SOX TURBIDITY CURTAIN SHEET PILE COFFER DAM |
| | NATURAL BUFFER/PERIMETER CONTROL SILT FENCE EROSION CONTROL MIX BERM EROSION CONTROL MIX SOX TURBIDITY CURTAIN SHEET PILE COFFER DAM |
| | CHANNEL PROTECTION STONE CHECK DAMS STRAW WATTLES CHANNEL MATTING CLASS D EROSION STONE CLASS C STONE |
| | CLEAN WATER BYPASS PUMP THROUGH PIPE DRAIN THROUGH PIPE OR CHANNEL |

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Main: (603) 357-2445 • www.chacompanies.com

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|-------------|
| SHEET SCALE |
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| STATE OF NEW HAMPSHIRE | | | | | | | | | | | |
|--|--|----------------------------|--|------------|--|---------------------|--|---------------------|--|--------------|--|
| DEPARTMENT OF TRANSPORTATION * BUREAU OF BRIDGE DESIGN | | | | | | | | | | | |
| TOWN | | CORNISH, N.H., WINDSOR, VT | | | | BRIDGE NO. 064/108 | | STATE PROJECT 25067 | | | |
| LOCATION CORNISH TOLL BRIDGE ROAD & CONNECTICUT RIVER | | | | | | | | | | | |
| EROSION CONTROL PLAN | | | | | | | | | | BRIDGE SHEET | |
| REVISIONS AFTER PROPOSAL | | | | BY | | DATE | | BY | | DATE | |
| | | | | DESIGNED | | SMC | | 9/11 | | 9/11 | |
| | | | | DRAWN | | REB | | 9/11 | | 9/11 | |
| | | | | QUANTITIES | | CHECKED | | | | FILE NUMBER | |
| | | | | ISSUE DATE | | FEDERAL PROJECT NO. | | SHEET NO. | | TOTAL SHEETS | |
| | | | | REV. DATE | | A0003(035) | | 1 | | 1 | |





PLAN LEGEND

| | |
|--|---|
| | PROPOSED PARTIALLY GROUTED RIPRAP (ITEM 583.0505) |
| | PROPOSED CLASS A & B STONE FILL (ITEM 585.1 & 585.2) |
| | PROPOSED CLASS B STONE FILL (ITEM 585.2) |

NOTES:

- SEE SHEET 4 OF 4 FOR DETAILS AND SECTIONS.
- POTENTIAL ACCESS AT DOWNSTREAM LEFT QUADRANT. TEMPORARY CONSTRUCTION ACCESS, INCLUDING A BARGE AND MOORING AREA, SHALL BE PAID FOR UNDER ITEM 500.02. REMOVAL, STORAGE, AND RESETTING OF EXISTING GUARDRAIL AS NECESSARY FOR ACCESS SHALL BE PAID FOR UNDER ITEM 606.91.
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- CLEARING OF EXISTING VEGETATION SHALL BE LIMITED TO THE AREAS FOR CONSTRUCTION ACCESS AND COUNTERMEASURE BOUNDARIES. COST TO BE INCLUDED IN THE UNIT PRICE OF COUNTERMEASURE ITEMS.



LEGEND

| TYPE OF WETLAND IMPACT | SHADING/ HATCHING | # | WETLAND DESIGNATION NUMBER |
|--|----------------------|---|----------------------------|
| NEW HAMPSHIRE WETLANDS BUREAU (PERMANENT NON-WETLAND) | | # | WETLAND IMPACT LOCATION |
| NEW HAMPSHIRE WETLANDS BUREAU & ARMY CORP OF ENGINEERS (PERMANENT WETLAND) | | # | WETLAND MITIGATION AREA |
| TEMPORARY IMPACTS | | | MITIGATION |

| WETLAND CLASSIFICATION CODE | |
|-----------------------------|--|
| BANK | NH JURISDICTIONAL RIVERBANK |
| R2UB1,2 | RIVERINE, LOWER PERENNIAL, UNCONSOLIDATED BOTTOM, COBBLE-GRAVEL, SAND |

| STATE OF NEW HAMPSHIRE | | | | | | | | | |
|--|----------------------------|--|--|--------------------|------|---------------------|---------------------|--------------|--------------|
| DEPARTMENT OF TRANSPORTATION * BUREAU OF BRIDGE DESIGN | | | | | | | | | |
| TOWN | CORNISH, N.H., WINDSOR, VT | | | BRIDGE NO. 064/108 | | | STATE PROJECT 25067 | | |
| LOCATION CORNISH TOLL BRIDGE ROAD & CONNECTICUT RIVER | | | | | | | | | |
| PROPOSED WETLANDS IMPACT | | | | | | | | BRIDGE SHEET | |
| REVISIONS AFTER PROPOSAL | | | | BY | DATE | BY | DATE | 2 OF 2 | |
| | | | | DESIGNED | SMC | 9/11 | CHECKED | WCA | FILE NUMBER |
| | | | | DRAWN | LAR | 9/11 | CHECKED | WCA | |
| | | | | QUANTITIES | | CHECKED | | | |
| | | | | ISSUE DATE | | FEDERAL PROJECT NO. | | SHEET NO. | TOTAL SHEETS |
| | | | | REV. DATE | | A0003(035) | | 2 | 2 |