PUBLIC NOTICE



Comment Period Begins: December 20, 2022 Comment Period Ends: January 19, 2023 In Reply Refer To: Dan Vasconcelos

Phone: (978) 318-8653

E-mail: daniel.b.vasconcelos@usace.army.mil

The District Engineer has received a permit application to conduct work in waters of the United States from the Massachusetts Department of Transportation (MassDOT) – Highway Division, 10 Park Plaza, Boston, Massachusetts 02116. This work is proposed in Long Pond and associated vegetated wetlands at the bridge conveying Champeaux Road over Long Pond, and within East Brimfield Lake, in Sturbridge, Massachusetts. The site coordinates are: Latitude 42.128769°N, Longitude -72.128303°W.

Note: Although this project is eligible for review under the General Permits for Massachusetts (MA GPs), the work is not expected to be complete until after the MA GPs expire on April 5, 2023. The applicant is therefore seeking an individual permit to allow more time to complete the work.

The work involves the permanent discharge of 3,132 square feet of fill material below the Ordinary High Water (OHW) mark of Long Pond and East Brimfield Lake, including 143 square feet within submerged aquatic vegetation (SAV), and 401 square feet within other vegetated wetlands, associated with the replacement of the bridge conveying Champeaux Road over Long Pond. The proposed work includes replacing the existing 3-span bridge with a new single-span bridge in the same alignment, constructing new abutments, widening/paving the approaches, and placement of slope stabilization at the abutments and wingwalls. Existing bridge piers will be removed and cut 2' below the mudline. A compensatory flood storage area will be created within East Brimfield Lake, approximately 1.5 miles south of the bridge, by excavating and then re-stabilizing an existing rockfill slope. An additional 917 square feet of temporary impacts below OHW, including 131 square feet within SAV, and 13 square feet of temporary impacts within other vegetated wetlands, are proposed resulting from installation of cofferdams and associated dewatering to allow work to occur in the dry. The applicant's stated purpose for this project is to replace the structurally deficient bridge.

The work is shown on the enclosed plans entitled "MASSACHUSETTS DEPARTMENT OF TRANSPORTATION HIGHWAY DIVISION PLAN AND PROFILE OF CHAMPEAUX ROAD OVER LONG POND BRIDGE NO. S-30-019 (C8Y)/COMPENSATORY FLOOD STORAGE EAST BRIMFIELD LAKE IN THE TOWN OF STURBRIDGE WORCESTER COUNTY" on 11 sheets, and dated "11/16/22".

The project has been designed to avoid and minimize impacts to waters of the United States, including wetlands, through the use of various best management practices, including the installation of erosion and sedimentation controls at the project limits, conducting repair work within a sandbag cofferdam to reduce turbidity, and installing geotextile fabric below proposed rockfill to prevent erosion of native material from below the rock. No compensatory mitigation is proposed because the impacts are considered minimal.

CENAE-R FILE NO. NAE-2013-01457

AUTHORITY

Permit	s are required pursuant to:
	Section 10 of the Rivers and Harbors Act of 1899
X	Section 404 of the Clean Water Act
	Section 103 of the Marine Protection, Research and Sanctuaries Act.
	Section 14 of the Rivers and Harbors Act of 1899 (33 USC 408)

The decision whether to issue a permit will be based on an evaluation of the probable impact of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefit which may reasonably accrue from the proposal must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the proposal will be considered, including the cumulative effects thereof; among those are: conservation, economics, aesthetics, general environmental concerns, wetlands, cultural value, fish and wildlife values, flood hazards, flood plain value, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food production and, in general, the needs and welfare of the people.

The U.S. Army Corps of Engineers, New England District (USACE), is soliciting comments from the public; Federal, state, and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of this proposed activity. The USACE will consider all comments received to determine whether to issue, modify, condition or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

Where the activity involves the discharge of dredged or fill material into waters of the United States or the transportation of dredged material for the purpose of disposing it in ocean waters, the evaluation of the impact of the activity in the public interest will also include application of the guidelines promulgated by the Administrator, U.S Environmental Protection Agency, under authority of Section 404(b) of the Clean Water Act, and/or Section 103 of the Marine Protection Research and Sanctuaries Act of 1972, as amended.

NATIONAL HISTORIC PRESERVATION ACT

The Federal Highway Administration (FHWA) is the lead federal agency responsible for coordination pursuant to Section 106 of the National Historic Preservation Act. MassDOT has initiated coordination with the State Historic Preservation Officer (SHPO), Massachusetts Board of Underwater Archaeological Resources (BUAR), and relevant Tribal Historic Preservation Officers (THPOs) on behalf of the FHWA. Although FHWA has taken the lead on this consultation, based on his initial review, the District Engineer has determined that little likelihood exists for the proposed work to impinge upon properties with cultural or Native American significance, or listed in, or eligible for listing in, the National Register of Historic Places. The Corps will continue review and consultation as required to fulfil the requirements of the National Historic Preservation Act as part of the permit review process.

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ENDANGERED SPECIES CONSULTATION

FHWA is the lead federal agency responsible for coordination pursuant to Section 7 of the Endangered Species Act. Although FHWA is the lead federal agency, the Corps has reviewed the application for the potential impact on Federally-listed threatened or endangered species and their designated critical habitat pursuant to section 7 of the Endangered Species Act as amended. It is our preliminary determination that the proposed activity for which authorization is being sought is designed, situated or will be operated/used in such a manner that it is not likely to adversely affect a listed species or their critical habitat. FHWA is coordinating with the U.S. Fish and Wildlife Service on listed species under their jurisdiction and the ESA consultation will be concluded prior to the final decision.

OTHER GOVERNMENT AUTHORIZATIONS

The following authorizations have occir applied for, or have occir, or will be obtained:
() Permit, license or assent from State.
() Permit from local wetland agency or conservation commission.
(X) Water Quality Certification in accordance with Section 401 of the Clean Water Ac

The following authorizations have been applied for or have been or will be obtained:

COMMENTS

In order to properly evaluate the proposal, we are seeking public comment. Anyone wishing to comment is encouraged to do so. Comments should be submitted in writing by the above date. If you have any questions, please contact Dan Vasconcelos at (978) 318-8653, (800) 343-4789 or (800) 362-4367, if calling from within Massachusetts.

Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider the application. Requests for a public hearing shall specifically state the reasons for holding a public hearing. The USACE holds public hearings for the purpose of obtaining public comments when that is the best means for understanding a wide variety of concerns from a diverse segment of the public.

The initial determinations made herein will be reviewed in light of facts submitted in response to this notice. All comments will be considered a matter of public record. Copies of letters of objection will be forwarded to the applicant who will normally be requested to contact objectors directly in an effort to reach an understanding.

THIS NOTICE IS NOT AN AUTHORIZATION TO DO ANY WORK.

Paul M. Maniccia
Chief, Permits and Enforcement Branch

Regulatory Division

Paul Maniccia

CENAE-R FILE NO. NAE-2013-01457

If you would prefer not to continue receiving Public Notices by email, please contact Ms. Tina Chaisson at (978) 318-8058 or e-mail her at bettina.m.chaisson@usace.army.mil.

MASSACHUSETTS DEPARTMENT OF TRANSPORTATION HIGHWAY DIVISION

STURBRIDGE CHAMPEAUX ROAD OVER LONG POND/ EAST BRIMFIELD LAKE

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	1	11
	PROJECT FILE NO.	610826	

TITLE SHEET & INDEX REVISED AS OF 11/16/22

PLAN AND PROFILE OF

CHAMPEAUX ROAD OVER LONG POND

BRIDGE NO. S-30-019 (C8Y)

IN THE TOWN OF

STURBRIDGE

WORCESTER COUNTY

FEDERAL AID PROJECT NO.

COMPENSATORY FLOOD STORAGE
EAST BRIMFIELD LAKE

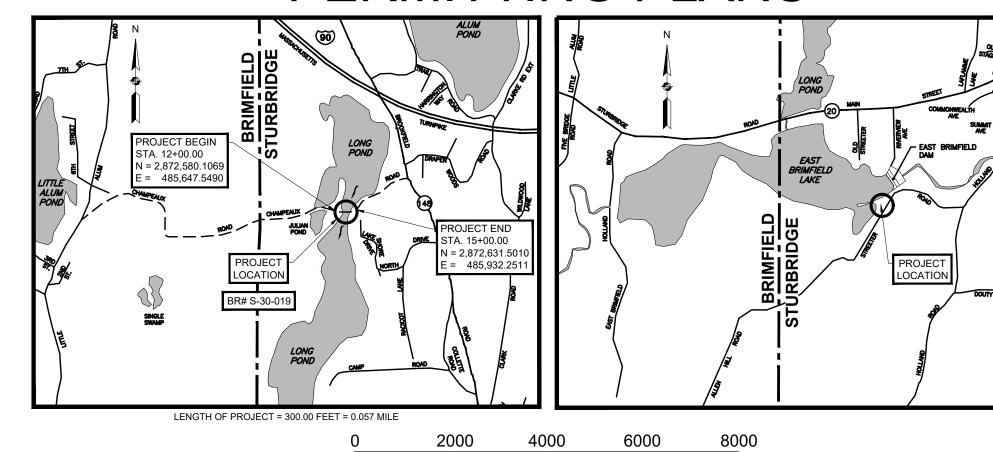
PLAN OF

IN THE TOWN OF

STURBRIDGE WORCESTER COUNTY

FEDERAL AID PROJECT NO.

PERMITTING PLANS



SCALE: 1" = 2000'

INDEX

THESE PLANS ARE SUPPLEMENTED BY THE OCTOBER 2017 CONSTRUCTION STANDARD DETAILS, THE 2015 OVERHEAD SIGNAL STRUCTURE AND FOUNDATION STANDARD DRAWINGS. MASSDOT

TRAFFIC MANAGEMENT PLANS AND DETAIL DRAWINGS. THE 1990 STANDARD DRAWINGS FOR SIGNS

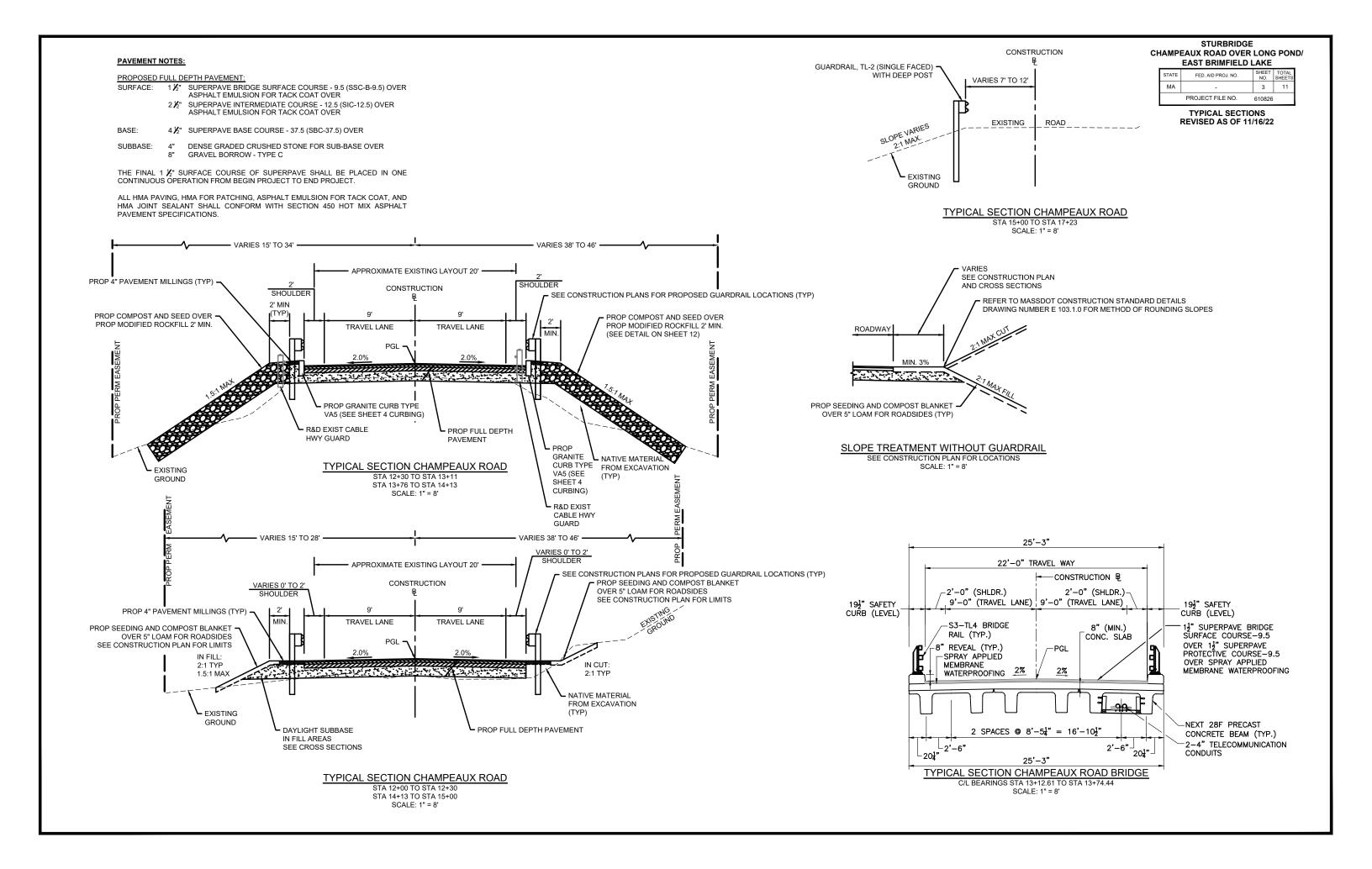
AND SUPPORTS, THE 1968 STANDARD DRAWINGS FOR TRAFFIC SIGNALS AND HIGHWAY LIGHTING,

AND THE LATEST EDITION OF THE AMERICAN STANDARD FOR NURSERY STOCK.

SHEET NO.	DESCRIPTION
1	TITLE SHEET & INDEX
2	LEGEND & ABBREVIATIONS
3	TYPICAL SECTIONS
4	PROFILE
5	ELEVATION
6	RESOURCE IMPACT PLAN - CHAMPEAUX ROAD
7	SUBMERGED AQUATIC VEGETATION MAP - CHAMPEAUX
8	FINAL CONDITIONS PLAN - CHAMPEAUX ROAD
9	RESOURCE IMPACT PLAN - EAST BRIMFIELD LAKE
10	WETLAND REPLICATION PLAN
11	CONCEDUCTION DETAILS

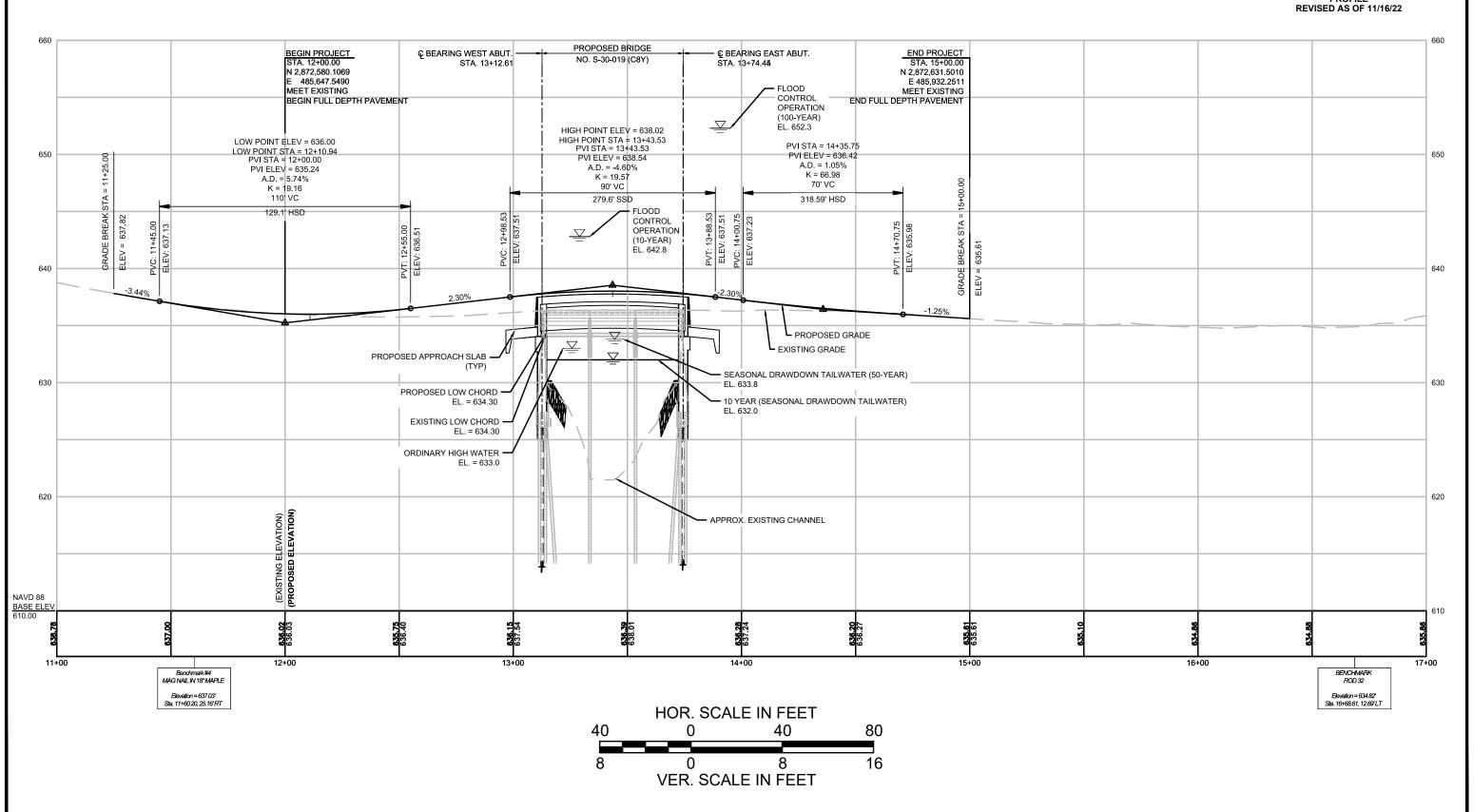
	massDC management of Trans ightway Division	ノ! portation
	APPROVED	

EVICTIMO	DLS		TRAFFIC SY	MBOLS		ABBREV	TATIONS	_	STURBRIDGE CHAMPEAUX ROAD OVER LONG POND/
EXISTING	PROPOSED	DESCRIPTION	EVICTING	DDODOCED	DECCRIPTION	GENERAL	ANNUAL AVERAGE DAILY TRAFFIG		EAST BRIMFIELD LAKE
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● FP	FP FP	FLAG POLE	0	000	TRAFFIC SIGNAL HEAD (SIZE AS NOTED)	APPROX.	APPROXIMATE		PROJECT FILE NO. 610826
G GP	G GP	GAS PUMP		岗	TRAFFIC SIGNAL READ (SIZE AS NOTED)	A.C.	ASPHALT CONCRETE		LEGEND & ABBREVIATIONS
□ MB	■ MB	MAIL BOX		ŏ	WIRE LOOP DETECTOR (6' x 6' TYP UNLESS OTHERWISE SPECIFIED)	ACCM PIPE BIT.	ASPHALT COATED CORRUGATED METAL PIPE		REVISED AS OF 11/16/22
	_	POST SQUARE	<u> </u>		·	BC.	BITUMINOUS BOTTOM OF CURB		
O WELL	O WELL	POST CIRCULAR		T	VIDEO DETECTION CAMERA	BD.	BOUND		
⊕ WELL □ EHH	₩ELL EHH	WELL ELECTRIC HANDHOLE	ÞO	H	MICROWAVE DETECTOR	BL	BASELINE	ARRRE'	VIATIONS (cont.)
0	0	FENCE GATE POST	⊕	•	PEDESTRIAN PUSH BUTTON, SIGN (DIRECTIONAL ARROW AS SHOWN) AND SADDLE	BLDG	BUILDING		
O GG	• GG	GAS GATE	*	*	EMERGENCY PREEMPTION CONFIRMATION STROBE LIGHT	BM	BENCHMARK	GENERAL	
⊕ BHL #	→ BHL#	BORING HOLE	4	-	VEHICULAR SIGNAL HEAD	BO BOS	BY OTHERS BOTTOM OF SLOPE	R R&D	RADIUS OF CURVATURE REMOVE AND DISPOSE
Ф MW #	◆ MW#	MONITORING WELL	-		VEHICULAR SIGNAL HEAD, OPTICALLY PROGRAMMED	BR.	BRIDGE	RCP	REINFORCED CONCRETE PIPE
□ TP # •	■ TP#	TEST PIT HYDRANT	4			СВ	CATCH BASIN	RD	ROAD
*	*	LIGHT POLE	←	-	FLASHING BEACON	CBCI	CATCH BASIN WITH CURB INLET	RDWY	ROADWAY
CO.BD.	~	COUNTY BOUND	-	-	PEDESTRIAN SIGNAL HEAD, (TYPE AS NOTED OR AS SPECIFIED)	CC	CEMENT CONCRETE	REM	REMOVE
0 4		GPS POINT	E RRSG	RRSG	RAILROAD SIGNAL	CCM CEM	CEMENT CONCRETE MASONRY CEMENT	RET RET WALL	RETAIN RETAINING WALL
©	0	CABLE MANHOLE	-\$-on o	•	SIGNAL POST AND BASE (ALPHA-NUMERIC DESIGNATION NOTED)	CI	CURB INLET	ROW	RIGHT OF WAY
0	®	DRAINAGE MANHOLE	•—•		MAST ARM, SHAFT AND BASE (ARM LENGTH AS NOTED)	CIP	CAST IRON PIPE	RR	RAILROAD
(E)	©	ELECTRIC MANHOLE		● 20′	,	CLF	CHAIN LINK FENCE	R&R	REMOVE AND RESET
<u>@</u>	©	GAS MANHOLE MISC MANHOLE			HIGH MAST POLE OR TOWER	CL	CENTERLINE	R&S	REMOVE AND STACK
3	•	SEWER MANHOLE	0	-0	SIGN AND POST	CMP CSP	CORRUGATED STEEL DIDE	RT SB	RIGHT STONE BOUND
1	Ø	TELEPHONE MANHOLE	00	0 0	SIGN AND POST (2 POSTS)	CSP CO.	CORRUGATED STEEL PIPE COUNTY	SHLD	SHOULDER
(ii)	•	WATER MANHOLE		* 20"●	MAST ARM WITH LUMINAIRE	CONC	CONCRETE	SMH	SEWER MANHOLE
= MHB	■ MHB	MASSACHUSETTS HIGHWAY BOUND	-	·		CONT	CONTINUOUS	ST	STREET
□ MON □ SB		MONUMENT STONE BOUND		_	OPTICAL PRE-EMPTION DETECTOR	CONST	CONSTRUCTION	STA	STATION
= TB		TOWN OR CITY BOUND		\S	CONTROL CABINET, GROUND MOUNTED	CR GR	CROWN GRADE	SSD SHLO	STOPPING SIGHT DISTANCE STATE HIGHWAY LAYOUT LINE
_ ID		TRAVERSE OR TRIANGULATION STATION	ı <u>\$</u>	æ	CONTROL CABINET, POLE MOUNTED	DHV DI	DESIGN HOURLY VOLUME DROP INLET	SMLO	SIDEWALK
TPL or GUY	 TPL or GUY 	TROLLEY POLE OR GUY POLE	∏ :■	Mea	FLASHING BEACON CONTROL AND METER PEDESTAL	DIA	DIAMETER	Т	TANGENT DISTANCE OF CURVE/TRUCK %
• HTP		TRANSMISSION POLE			LOAD CENTER ASSEMBLY	DIP	DUCTILE IRON PIPE	TAN	TANGENT
-6- UFB	- d - UFB	UTILITY POLE W/ FIREBOX				DW	STEADY DON'T WALK - PORTLAND ORANGE	TEMP	TEMPORARY
-∳ UPDL	-∳ UPDL	UTILITY POLE WITH DOUBLE LIGHT		0	PULL BOX 12"x12" (OR AS NOTED)	DWY	DRIVEWAY	TC TOS	TOP OF CURB TOP OF SLOPE
-& ULT -≎ UPL	-& ULT -• UPL	UTILITY POLE W / 1 LIGHT UTILITY POLE			ELECTRIC HANDHOLE 12"x24" (OR AS NOTED)	ELEV (or EL.)		TYP	TYPICAL
0	• 01 L	BUSH			■ TRAFFIC SIGNAL CONDUIT	EMB EOP	EMBANKMENT EDGE OF PAVEMENT	UP	UTILITY POLE
SIZE & TYPE		TREE				EXIST (or EX)		VAR	VARIES
0		STUMP				EXC	EXCAVATION	VERT	VERTICAL
- <u>- 140</u>	- 140	SWAMP / MARSH				F&C	FRAME AND COVER	VC WCR	VERTICAL CURVE WHEEL CHAIR RAMP
• WG • PM	● WG ● PM	WATER GATE PARKING METER				F&G	FRAME AND GRATE	WG	WATER GATE
		OVERHEAD CABLE/WIRE				FDN. FLDSTN	FOUNDATION FIELDSTONE	WIP	WROUGHT IRON PIPE
		CURBING				GAR	GARAGE	WM	WATER METER/WATER MAIN
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		UNDERGROUND DRAIN PIPE (DOUBLE LINE 24 INCH AND OVER) UNDERGROUND ELECTRIC DUCT (DOUBLE LINE 24 INCH AND OVER) UNDERGROUND GAS MAIN (DOUBLE LINE 24 INCH AND OVER) UNDERGROUND SEWER MAIN (DOUBLE LINE 24 INCH AND OVER) UNDERGROUND TELEPHONE DUCT (DOUBLE LINE 24 INCH AND OVER) UNDERGROUND WATER MAIN (DOUBLE LINE 24 INCH AND OVER) DALANCED STONE WALL GUARD RAIL - STEEL POSTS GUARD RAIL - WOOD POSTS GUARD RAIL - DOUBLE FACE - STEEL POSTS GUARD RAIL - DOUBLE FACE - WOOD POSTS CHAIN LINK OR METAL FENCE WOOD FENCE 1-HAY BALES/SILT FENCE SEDIMENT CONTROL BARRIER TREE LINE SAWCUT LINE TOP OR BOTTOM OF SLOPE LIMIT OF EDGE OF PAVEMENT OR COLD PLANE AND OVERLAY BANK OF RIVER OR STREAM BORDER OF WETLAND 100 FT WETLAND BUFFER STATE HIGHWAY LAYOUT	EXISTING TO THE PROPERTY OF T	PROPOSED SUL SYL BWL BYL DWL DWLEX DBWL	DESCRIPTION PAVEMENT ARROW - WHITE LEGEND "ONLY" - WHITE STOP LINE CROSSWALK SOLID WHITE LINE SOLID YELLOW LINE BROKEN WHITE LINE BROKEN WHITE LINE DOTTED WHITE LINE DOTTED WHITE LINE DOTTED WHITE LINE DOTTED WHITE LINE EXTENSION DOTTED YELLOW LINE EXTENSION DOUBLE WHITE LINE	GG GI GIP GRAN GRAV GRD HDW HMA HOR HYD INV JCT L LB LP LT MAX MB MH MHB MIN NIC NO. PC PCC P.G.L. PI	GAS GATE GUTTER INLET GALVANIZED IRON PIPE GRANITE GRAVEL GUARD HEADWALL HOT MIX ASPHALT HORIZONTAL HYDRANT INVERT JUNCTION LENGTH OF CURVE LEACH BASIN LIGHT POLE LEFT MAXIMUM MAILBOX MANHOLE MASSACHUSETTS HIGHWAY BOUND MINIMUM NOT IN CONTRACT NUMBER POINT OF CURVATURE POINT OF CURVATURE	TRAFFI CAB CCVE DW FDW FR FRI FRR FY FYL FYR G GL GR GSL GSR GV OL PED PTZ R RL	CABINET CLOSED CIRCUIT VIDEO EQUIPMENT STEADY UPRAISED HAND FLASHING UPRAISED HAND FLASHING CIRCULAR RED FLASHING RED LEFT ARROW FLASHING RED LIEFT ARROW FLASHING CIRCULAR YELLOW FLASHING YELLOW LIEFT ARROW FLASHING YELLOW RIGHT ARROW STEADY CIRCULAR GREEN STEADY GREEN LIEFT ARROW STEADY GREEN LIEFT ARROW STEADY GREEN SLASH RIGHT ARROW STEADY GREEN VERTICAL ARROW OVERLAP PEDESTRIAN PAN, TILT, ZOOM STEADY CIRCULAR RED STEADY CIRCULAR RED STEADY RED LEFT ARROW
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STURBRIDGE CHAMPEAUX ROAD OVER LONG POND/ EAST BRIMFIELD LAKE FED. AID PROJ. NO. 4 PROJECT FILE NO. 610826 **PROFILE REVISED AS OF 11/16/22** 660 650 640 630 620 16+00 17+00 BENCHMARK Elevation = 634.82' Sta. 16+68.61, 12.69'LT

CHAMPEAUX ROAD



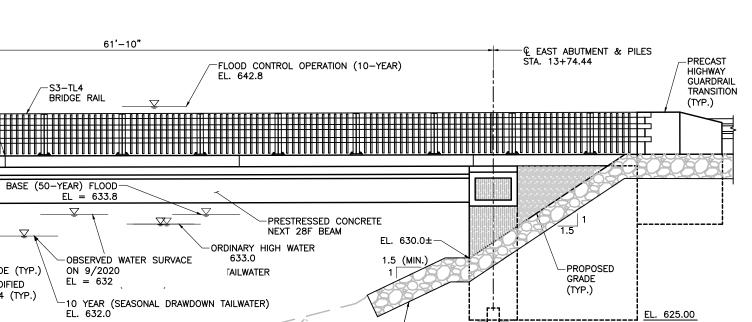
STURBRIDGE CHAMPEAUX ROAD OVER LONG POND/ EAST BRIMFIELD LAKE

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	5	11
	PROJECT FILE NO.	610826	

ELEVATION REVISED AS OF 11/16/22

EL. 625.00

-MICROPILE (TYP.)



-GEOTEXTILE FABRIC

-BOTTOM OF EXISTING

CHANNEL

SOUTH ELEVATION

SCALE: $\frac{1}{8}$ " = 1'-0"

FOR SEPARATION (TYP.)

-FLOOD CONTROL OPERATION (100-YEAR)

© WEST ABUTMENT & PILES-STA. 13+12.61

PARAFFIN-JOINT (TYP.)

MEET EXISTING GRADE (TYP.)

ROCKFILL M2.02.4 (TYP.)

-2'-0" THICK MODIFIED

-PROPOSED LOW CHORD EL. 634.30

8'-6"± (TYP.)

1.5 (MIN.)

-EL. 630.0±

-PROPOSED INTEGRAL
ABUTMENT (TYP.)

STRIATIONS-

TRANSITION-

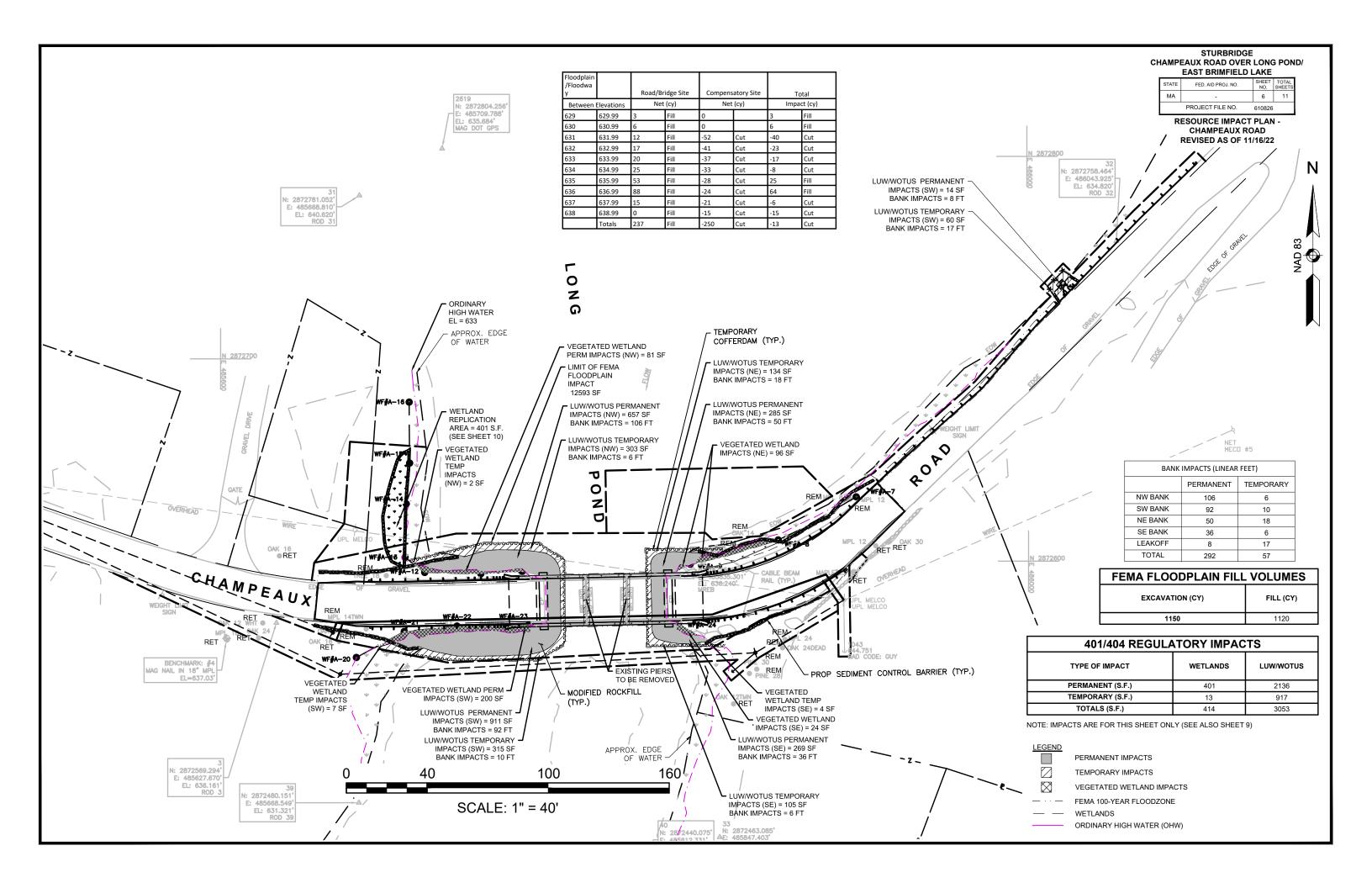
TO BRIDGE

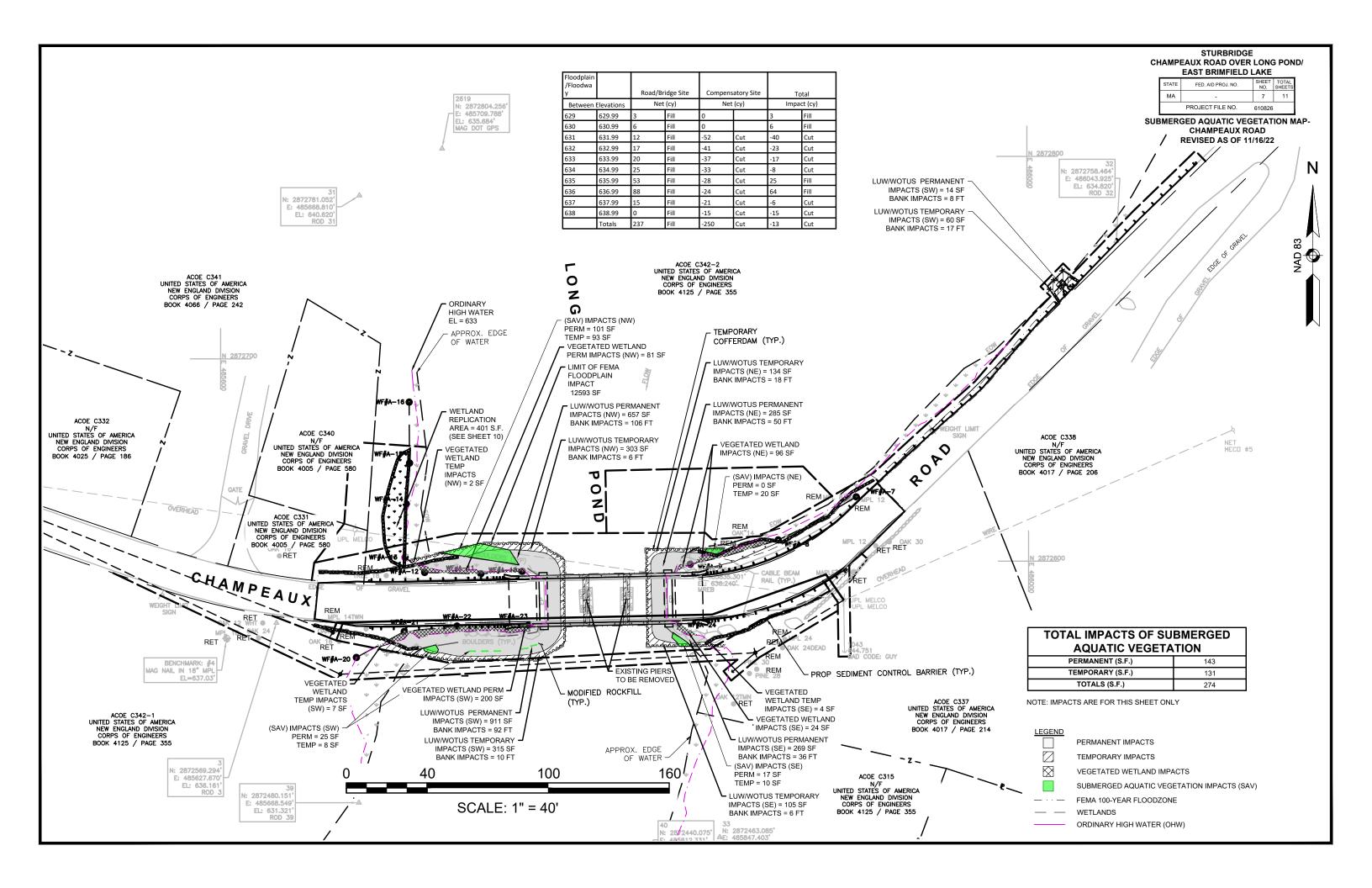
RAIL (TYP.)

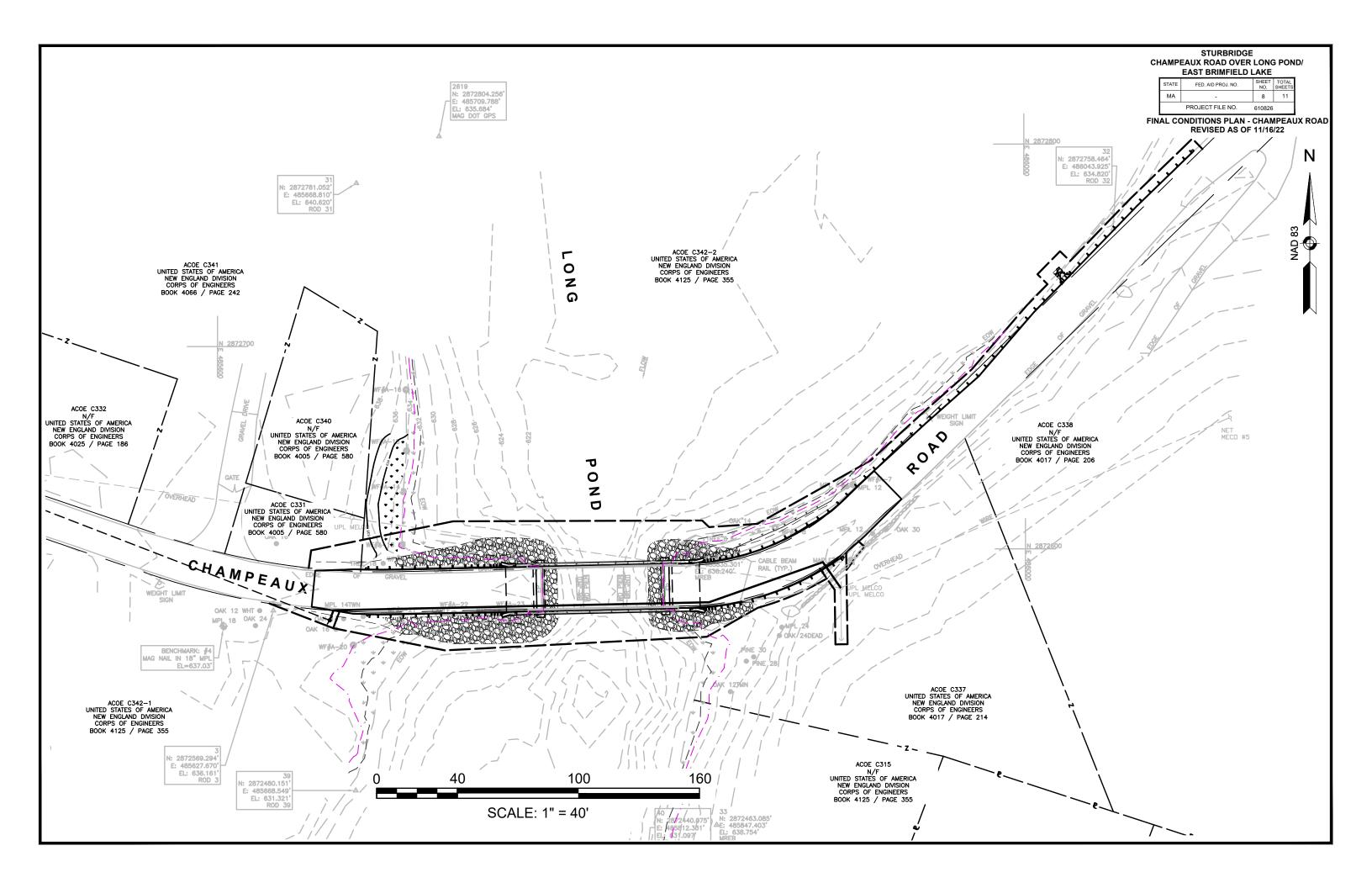
2'-0" MODIFIED-ROCKFILL (TYP.)

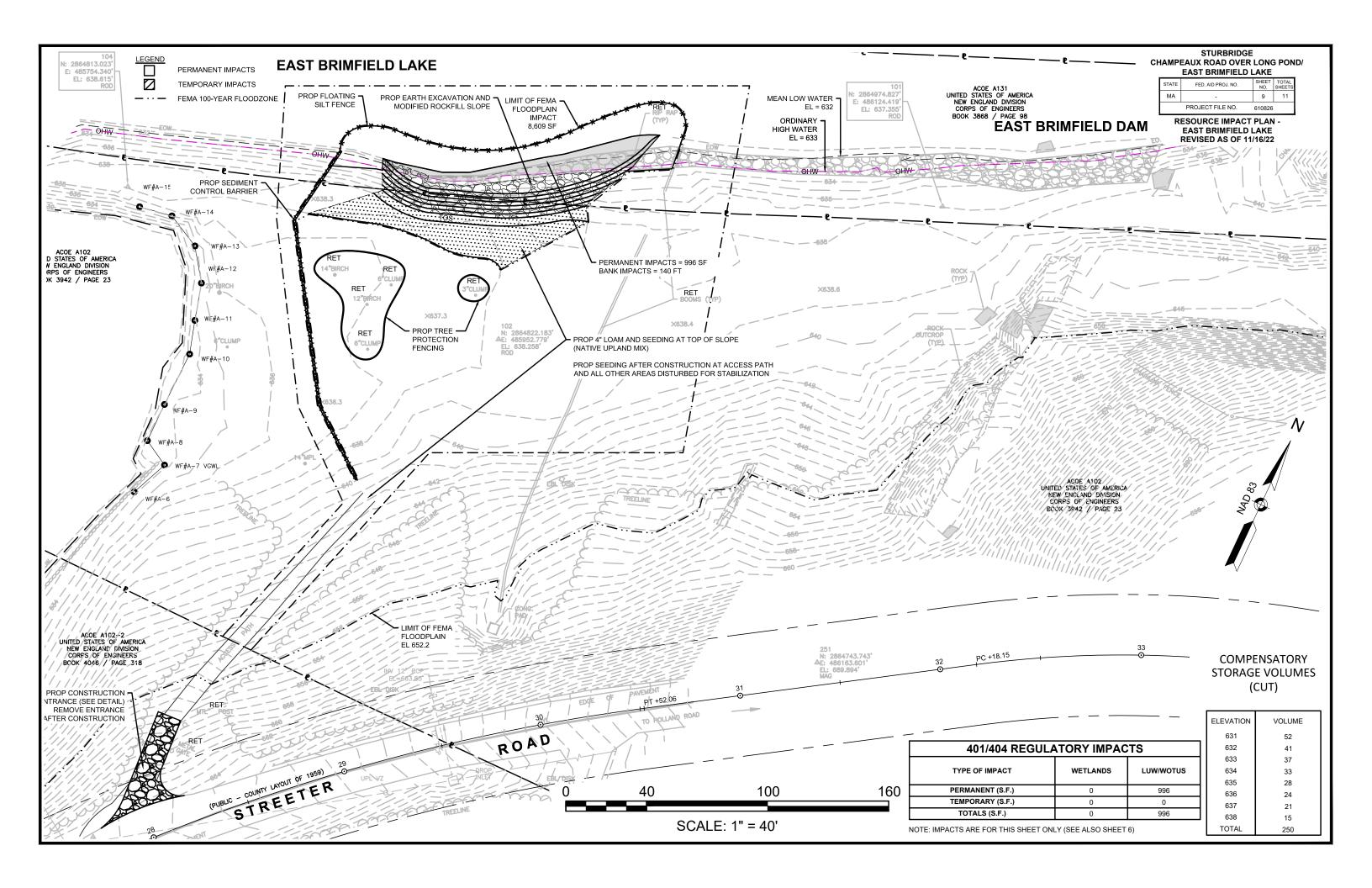
EL. 625.00

PROPOSED INTEGRAL -U-BACK WINGWALL (TYP.)





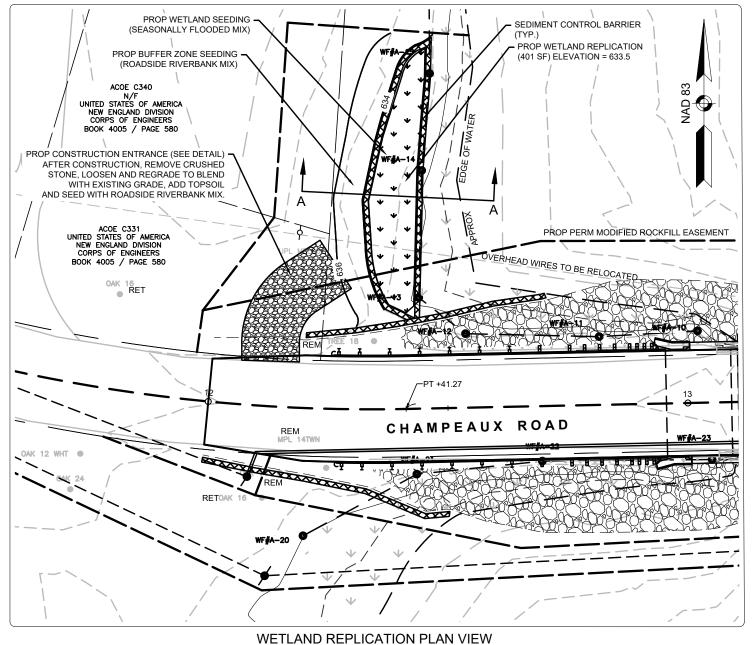




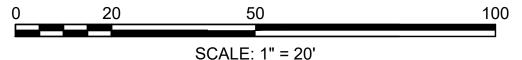
STURBRIDGE CHAMPEAUX ROAD OVER LONG POND/ EAST BRIMFIELD LAKE

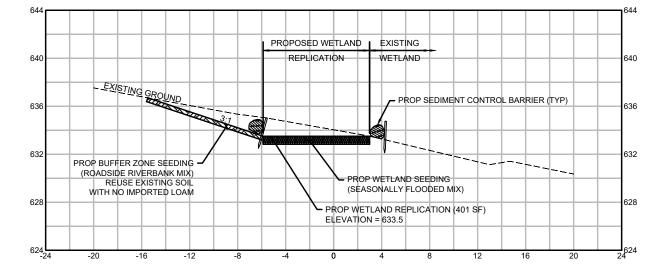
STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	10	11
	PROJECT FILE NO.	610826	•

WETLAND REPLICATION PLAN REVISED AS OF 11/16/22

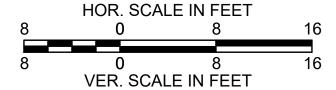


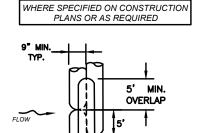






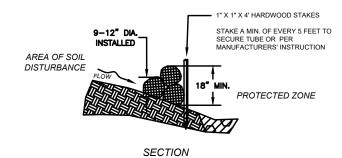
WETLAND REPLICATION SECTION A-A





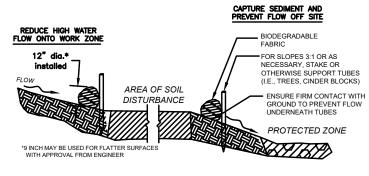
PROTECTED ZONE

PLAN VIEW



COMPOST FILTER TUBES STACKED

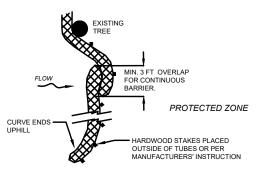
NOT TO SCALE



SECTION

SEDIMENT BARRIER - COMPOST FILTER TUBE

NOT TO SCALE



PLACE TUBE AS CLOSE TO LIMIT OF SOIL DISTURBANCE AS POSSIBLE, ALONG CONTOURS, AND PERPENDICULAR TO FLOW.

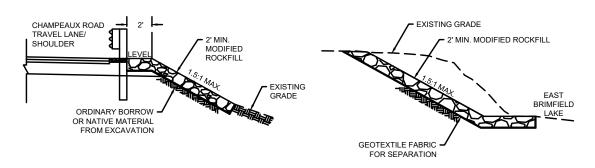
ADJUST LOCATION AS REQUIRED FOR OPTIMUM EFFECTIVENESS. DO NOT INSTALL IN WATERWAYS.

PLAN VIEW

CONSTRUCTION ENTRANCE

IMMEDIATELY.

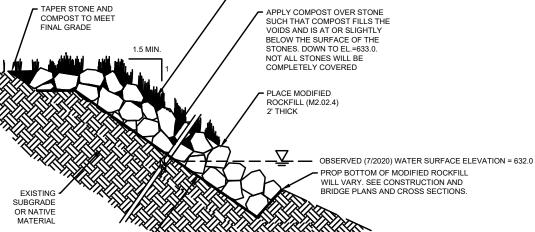
- 1. REMOVE TOPSOIL AND ORGANICS PRIOR TO PLACEMENT OF DENSE CRUSHED STONE.
- 2. ENTRANCE SHALL BE 12' WIDE MINIMUM.
 3. SUB-BASE OF FREE DRAINING BACKFILL MAY BE USED IN LIEU OF GEOTEXTILE FILTER FABRIC. 4. MAINTAIN BY TOP DRESSING WITH ADDITIONAL STONE AND REPAIRING RUTS AS REQUIRED. ADDITIONAL LENGTH MAY BE REQUIRED IF SEDIMENT IS TRACKED ONTO PAVED AREAS. ANY SEDIMENT SPILLED, DROPPED OR TRACKED ONTO PAVED SURFACES SHALL BE REMOVED



MODIFIED ROCKFILL DETAIL

NOT TO SCALE

SEEDING - STEEP SLOPE MID-HEIGHT MIX OVER COMPOST DOWN TO EL.=633.0 PER SPECIAL



COMPOST AND SEED OVER MODIFIED ROCKFILL

GEOTEXTILE FABRIC FOR SEPARATION

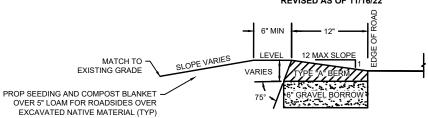
OVER GRADED SLOPE

NOT TO SCALE

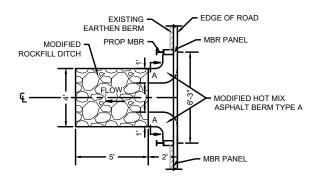
STURBRIDGE CHAMPEAUX ROAD OVER LONG POND/ EAST BRIMFIELD LAKE

FED. AID PROJ. NO. PROJECT FILE NO. 610826

CONSTRUCTION DETAILS **REVISED AS OF 11/16/22**

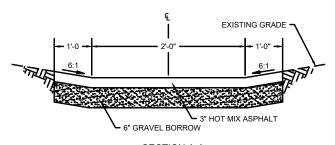


MODIFIED HOT MIX ASPHALT BERM TYPE A



NOTE: PROP PAVED LEAKOFF SHALL BE CONSTRUCTED BETWEEN GUARDRAIL POSTS SO THAT THE GUARDRAIL POSTS ARE NOT WITHIN OR OBSTRUCT FLOW TO THE PAVED LEAKOFF.

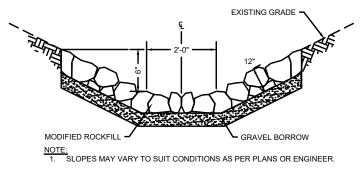
PLAN VIEW



SECTION A-A

PAVED LEAK OFF DETAIL

NOT TO SCALE



MODIFIED ROCKFILL DITCH DETAIL

NOT TO SCALE