MASSACHUSETTS DEPARTMENT OF TRANSPORTATION
HIGHWAY DIVISION

MONTAGUE
NORTH LEVERETT ROAD OVER THE SAWMILL RIVER

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	1	8
PROJECT FILE NO.	612164		

PRELIMINARY RIGHT-OF-WAY
TITLE SHEET & INDEX

PLAN AND PROFILE OF

NORTH LEVERETT ROAD OVER THE SAWMILL RIVER

(BRIDGE NO. M-28-034(0MD))

IN THE TOWN OF

MONTAGUE

FRANKLIN COUNTY

FEDERAL AID PROJECT NO. ----

PRELIMINARY RIGHT-OF-WAY PLANS

THESE PLANS ARE SUPPLEMENTED BY THE JANUARY 2025 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.

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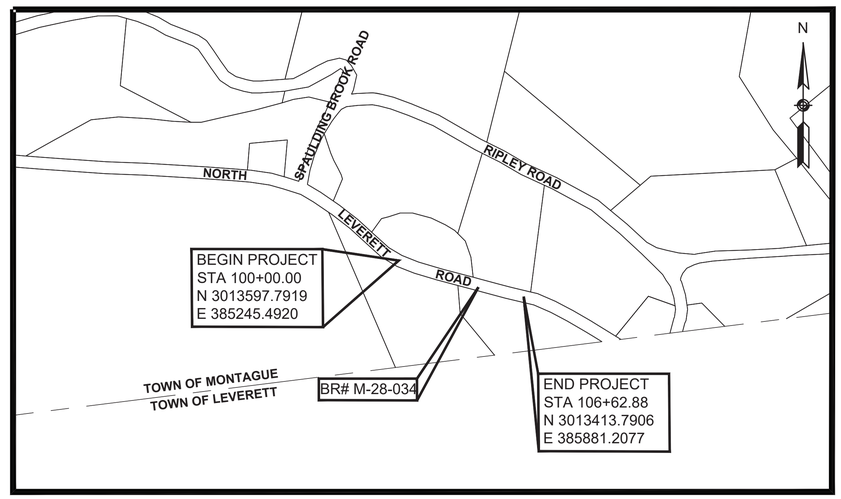


LOCUS MAP

LENGTH OF PROJECT = 665 FEET = 0.126 MILES

0 300 600 1000

SCALE: 1" = 300'

BASE MAP NOTES:

1. THE SURVEY BASE PLAN WAS PREPARED BY SHERMAN & FRYDRYK BETWEEN APRIL, 2022 THROUGH MAY, 2022 AND SUPPLEMENTED BY BOUNDARY VERIFICATION SURVEY BY GREEN INTERNATIONAL AFFILIATES, INC BETWEEN MAY, 2024 THROUGH JUNE, 2024.
2. THE MOST RECENT SITE VISIT WAS COMPLETED IN JUNE, 2024 TO VERIFY THAT THE EXISTING CONDITIONS SHOWN ON THE PLAN ARE THE CURRENT CONDITIONS IN THE FIELD.
3. THE PROPERTY LINES SHOWN ON THE PLAN WERE COMPILED FROM PLANS AND DEEDS OF RECORD AND CERTIFIED BY PATRICK J. SCHOLLARD, A PLS IN DIRECT CHARGE AND SUPERVISION OF THE SURVEY BASEPLAN.
4. LAYOUT LINES ARE UNAMBIGUOUSLY RETRACEABLE AND DEPICTED ACCURATELY ON THE RIGHT OF WAY PLANS BY AN ON-THE-GROUND SURVEY PERFORMED IN ACCORDANCE WITH 20 CMR 6.01 AND 6.02.
5. THE OWNERS HAVE BEEN CHECKED AND UPDATED AS OF MARCH 2026 PER THE REGISTRY OF DEEDS.
6. THE PREQUALIFIED SURVEYOR UNDER THE S3 CATEGORY IS PARTICIPATING IN THE DEVELOPMENT OF THE ROW PLANS. PATRICK J. SCHOLLARD HAS VERIFIED HIGHWAY LAYOUT BASELINES AND SIDELINES, VERIFIED MUNICIPAL LAYOUTS, VERIFIED THAT ABUTTERS PROPERTY LINES ARE CREATED BASED ON RECORD DEEDS AND PLANS, VERIFIED CURRENT ABUTTERS OWNERSHIP INFORMATION, VERIFIED EXISTING PERMANENT EASEMENTS, AND VERIFIED ANY OTHER ELEMENTS IN THE SURVEY BASE PLAN THAT AFFECTS DISPOSITION AND LAND ACQUISITIONS.

COMMONWEALTH OF MASSACHUSETTS
PATRICK J. SCHOLLARD
No. 48436
REGISTERED PROFESSIONAL LAND SURVEYOR

Patrick J. Schollard
MARCH 9, 2026

ROW PLANS PREPARED BY:

TranSystems
101 ARCH STREET, SUITE 301, BOSTON, MA 02110, (857) 453-5450

DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

APPROVED:

DIVISION ADMINSTRATOR **DATE**

DATE	DESCRIPTION	REV #
03-09-2026	**75% DESIGN** **NEW PARCELS:** TE-3 **ALTERED PARCELS:** PUE-1, TE-1, C-2, C-4, PUE-3, TE-2 **DELETED PARCELS:** PUE-2	1
06-06-2025	**INITIAL SUBMISSION**	0

massDOT
Massachusetts Department of Transportation
Highway Division

APPROVED

CHIEF ENGINEER **DATE**

612164_ROW(TITLE).DWG Plotted on 5-Mar-2026 6:07 PM

GENERAL SYMBOLS

EXISTING	PROPOSED	DESCRIPTION
JB	JB	JERSEY BARRIER
CB	CB	CATCH BASIN
		CATCH BASIN CURB INLET
FP	FP	FLAG POLE
GP	GP	GAS PUMP
MB	MB	MAIL BOX
		POST SQUARE
		POST CIRCULAR
WELL	WELL	WELL
EHH		ELECTRIC HANDHOLE
		FENCE GATE POST
GG	GG	GAS GATE
BHL #	BHL #	BORING HOLE
MW #	MW #	MONITORING WELL
TP #	TP #	TEST PIT
		HYDRANT
		LIGHT POLE
CO.BD.		COUNTY BOUND
		GPS POINT
C	C	CABLE MANHOLE
D	D	DRAINAGE MANHOLE
E	E	ELECTRIC MANHOLE
G	G	GAS MANHOLE
M	M	MISC MANHOLE
S	S	SEWER MANHOLE
T	T	TELEPHONE MANHOLE
W	W	WATER MANHOLE
MHB	MHB	MASSACHUSETTS HIGHWAY BOUND
MON		MONUMENT
SB		STONE BOUND
TB		TOWN OR CITY BOUND
		TRAVERSE OR TRIANGULATION STATION
TPL or GUY	TPL or GUY	TROLLEY POLE OR GUY POLE
HTP		TRANSMISSION POLE
UFB	UFB	UTILITY POLE W/ FIREBOX
UPDL	UPDL	UTILITY POLE WITH DOUBLE LIGHT
ULT	ULT	UTILITY POLE W / 1 LIGHT
UPL	UPL	UTILITY POLE
		BUSH
SIZE & TYPE		TREE
		STUMP
		SWAMP / MARSH
WG	WG	WATER GATE
PM	PM	PARKING METER
		OVERHEAD CABLE/WIRE
		CURBING
99		CONTOURS (ON-THE-GROUND SURVEY DATA)
100 99		CONTOURS (PHOTOGRAMMETRIC DATA)
		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)
		BALANCED 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
		HAY BALES/SILT FENCE
		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
		200 FT RIVERFRONT BUFFER
		STATE HIGHWAY LAYOUT
		TOWN OR CITY LAYOUT
		COUNTY LAYOUT
		RAILROAD SIDELINE
		TOWN OR CITY BOUNDARY LINE
		PROPERTY LINE OR APPROXIMATE PROPERTY LINE
		EASEMENT

TRAFFIC SYMBOLS

EXISTING	PROPOSED	DESCRIPTION
1	1	CONTROLLER PHASE ACTUATED
		TRAFFIC SIGNAL HEAD (SIZE AS NOTED)
		WIRE LOOP DETECTOR (6' x 6' TYP UNLESS OTHERWISE SPECIFIED)
		VIDEO DETECTION CAMERA
		MICROWAVE DETECTOR
		PEDESTRIAN PUSH BUTTON, SIGN (DIRECTIONAL ARROW AS SHOWN) AND SADDLE
	*	EMERGENCY PREEMPTION CONFIRMATION STROBE LIGHT
		VEHICULAR SIGNAL HEAD
		VEHICULAR SIGNAL HEAD, OPTICALLY PROGRAMMED
		FLASHING BEACON
		PEDESTRIAN SIGNAL HEAD, (TYPE AS NOTED OR AS SPECIFIED)
RRSG	RRSG	RAILROAD SIGNAL
OR		SIGNAL POST AND BASE (ALPHA-NUMERIC DESIGNATION NOTED)
	20'	MAST ARM, SHAFT AND BASE (ARM LENGTH AS NOTED)
		HIGH MAST POLE OR TOWER
		SIGN AND POST
		SIGN AND POST (2 POSTS)
	20'	MAST ARM WITH LUMINAIRE
		OPTICAL PRE-EMPTION DETECTOR
		CONTROL CABINET, GROUND MOUNTED
		CONTROL CABINET, POLE MOUNTED
		FLASHING BEACON CONTROL AND METER PEDESTAL
		LOAD CENTER ASSEMBLY
		PULL BOX 12"x12" (OR AS NOTED)
		ELECTRIC HANDHOLE 12"x24" (OR AS NOTED)
		TRAFFIC SIGNAL CONDUIT

PAVEMENT MARKINGS SYMBOLS

EXISTING	PROPOSED	DESCRIPTION
		PAVEMENT ARROW - WHITE
ONLY	ONLY	LEGEND "ONLY" - WHITE
	SL	12" STOP LINE
	CW	24" CROSSWALK
	SWL	6" SOLID WHITE LINE
	SYL	6" SOLID YELLOW LINE
	BWL	6" BROKEN WHITE LINE (10' LINE, 30' SPACE)
	BYL	6" BROKEN YELLOW LINE (10' LINE, 30' SPACE)
	DWL	6" DOTTED WHITE LINE (3' LINE, 9' SPACE)
	DYL	6" DOTTED YELLOW LINE (3' LINE, 9' SPACE)
	DWLEx	6" DOTTED WHITE LINE EXTENSION (2' LINE, 6' SPACE)
	DYLEx	6" DOTTED YELLOW LINE EXTENSION (2' LINE, 6' SPACE)
	DBWL	6" DOUBLE WHITE LINE
	DBYL	6" DOUBLE YELLOW LINE

PROJECT DESCRIPTION:

THE PROPOSED PROJECT CONSISTS OF RECONSTRUCTION OF THE NORTH LEVERETT ROAD BRIDGE OVER THE SAWMILL RIVER IN MONTAGUE, MA. THE PROPOSED RECONSTRUCTION WILL INCLUDE A NEW BRIDGE COMPLETE WITH SUPERSTRUCTURE AND SUBSTRUCTURE, FULL DEPTH PAVEMENT RECONSTRUCTION OF THE ROADWAY APPROACHING THE BRIDGE, MILLING AND OVERLAY OF THE EXISTING ROADWAY, AND REVETMENT TO THE EXISTING RIVER BANKS ON THE NORTHEAST AND SOUTHWEST SIDE OF THE BRIDGE .

ABBREVIATIONS

GENERAL

AADT	ANNUAL AVERAGE DAILY TRAFFIC
ABAN	ABANDON
ADJ	ADJUST
APPROX.	APPROXIMATE
A.C.	ASPHALT CONCRETE
ACCM PIPE	ASPHALT COATED CORRUGATED METAL PIPE
BIT.	BITUMINOUS
BC	BOTTOM OF CURB
BD.	BOUND
BL	BASELINE
BLDG	BUILDING
BM	BENCHMARK
BO	BY OTHERS
BOS	BOTTOM OF SLOPE
BR.	BRIDGE
CB	CATCH BASIN
CBCI	CATCH BASIN WITH CURB INLET
CC	CEMENT CONCRETE
CCM	CEMENT CONCRETE MASONRY
CEM	CEMENT
CI	CURB INLET
CIP	CAST IRON PIPE
CIT	CHANGE IN TYPE
CLF	CHAIN LINK FENCE
CL	CENTERLINE
CMP	CORRUGATED METAL PIPE
CSP	CORRUGATED STEEL PIPE
CO.	COUNTY
CONC	CONCRETE
CONT	CONTINUOUS
CONST	CONSTRUCTION
CR GR	CROWN GRADE
DHV	DESIGN HOURLY VOLUME
DI	DROP INLET
DIA	DIAMETER
DIP	DUCTILE IRON PIPE
DW	STEADY DON'T WALK - PORTLAND ORANGE
DWY	DRIVEWAY
ELEV (or EL.)	ELEVATION
EMB	EMBANKMENT
EOP	EDGE OF PAVEMENT
EXIST (or EX)	EXISTING
EXC	EXCAVATION
F&C	FRAME AND COVER
F&G	FRAME AND GRATE
FDN.	FOUNDATION
FLDSTN	FIELDSTONE
G	GAS LINE
GAR	GARAGE
GD	GROUND
GG	GAS GATE
GI	GUTTER INLET
GIP	GALVANIZED IRON PIPE
GRAN	GRANITE
GRAV	GRAVEL
GRD	GUARD
HDPE	HIGH DENSITY POLYETHYLENE
HDW	HEADWALL
HMA	HOT MIX ASPHALT
HOR	HORIZONTAL
HYD	HYDRANT
INV	INVERT
JCT	JUNCTION
L	LENGTH OF CURVE
LB	LEACH BASIN
LP	LIGHT POLE
LSA	LANDSCAPE AREA
LT	LEFT
MAX	MAXIMUM
MB	MAILBOX
MH	MANHOLE
MHB	MASSACHUSETTS HIGHWAY BOUND
MIN	MINIMUM
NIC	NOT IN CONTRACT
NO.	NUMBER
PC	POINT OF CURVATURE
PCC	POINT OF COMPOUND CURVATURE
P.G.L.	PROFILE GRADE LINE
PI	POINT OF INTERSECTION
POC	POINT ON CURVE
POT	POINT ON TANGENT
PRC	POINT OF REVERSE CURVATURE
PROJ	PROJECT
PROP	PROPOSED
PSB	PLANTABLE SOIL BORROW
PT	POINT OF TANGENCY
PVC	POINT OF VERTICAL CURVATURE

MONTAGUE
NORTH LEVERETT ROAD OVER THE SAWMILL RIVER

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	2	8
PROJECT FILE NO.	612164		

LEGEND, ABBREVIATIONS, AND PROJECT DESCRIPTION

ABBREVIATIONS (cont.)

GENERAL

PVI	POINT OF VERTICAL INTERSECTION
PVT	POINT OF VERTICAL TANGENCY
PVMT	PAVEMENT
PWW	PAVED WATER WAY
R	RADIUS OF CURVATURE
R&D	REMOVE AND DISPOSE
RCP	REINFORCED CONCRETE PIPE
RD	ROAD
RDWY	ROADWAY
REM	REMOVE
RET	RETAIN
RET WALL	RETAINING WALL
ROW	RIGHT OF WAY
RR	RAILROAD
R&R	REMOVE AND RESET
R&S	REMOVE AND STACK
RT	RIGHT
SB	STONE BOUND
SHLD	SHOULDER
SMH	SEWER MANHOLE
ST	STREET
STA	STATION
SSD	STOPPING SIGHT DISTANCE
SHLO	STATE HIGHWAY LAYOUT LINE
SW	SIDEWALK
T	TANGENT DISTANCE OF CURVE/TRUCK %
TAN	TANGENT
TEMP	TEMPORARY
TC	TOP OF CURB
TOS	TOP OF SLOPE
TYP	TYPICAL
UP	UTILITY POLE
VAR	VARIES
VERT	VERTICAL
VC	VERTICAL CURVE
VC	VITRIFIED CLAY PIPE
WCR	WHEEL CHAIR RAMP
WG	WATER GATE
WIP	WROUGHT IRON PIPE
WM	WATER METER/WATER MAIN
X-SECT	CROSS SECTION

TRAFFIC SIGNAL ABBREVIATIONS

GENERAL

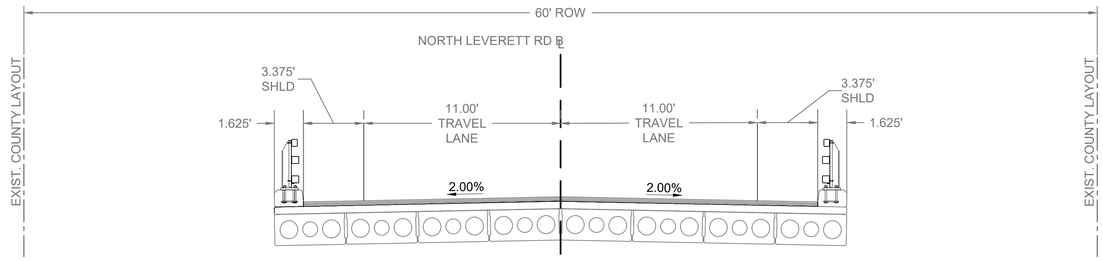
CAB	CABINET
CCVE	CLOSED CIRCUIT VIDEO EQUIPMENT
DW	STEADY UPRAISED HAND
FDW	FLASHING UPRAISED HAND
FR	FLASHING CIRCULAR RED
FRL	FLASHING RED LEFT ARROW
FRR	FLASHING RED RIGHT ARROW
FY	FLASHING CIRCULAR YELLOW
FYL	FLASHING YELLOW LEFT ARROW
FYR	FLASHING YELLOW RIGHT ARROW
G	STEADY CIRCULAR GREEN
GL	STEADY GREEN LEFT ARROW
GR	STEADY GREEN RIGHT ARROW
GSL	STEADY GREEN SLASH LEFT ARROW
GSR	STEADY GREEN SLASH RIGHT ARROW
GV	STEADY GREEN VERTICAL ARROW
OL	OVERLAP
PED	PEDESTRIAN
PTZ	PAN, TILT, ZOOM
R	STEADY CIRCULAR RED
RL	STEADY RED LEFT ARROW
RR	STEADY RED RIGHT ARROW
TS	TRAFFIC SIGNAL
TSC	TRAFFIC SIGNAL CONDUIT
W	STEADY WALKING PERSON
Y	STEADY CIRCULAR YELLOW
YL	STEADY YELLOW LEFT ARROW

612164_ROW(LEGEND).DWG Plotted on 5-Mar-2026 2:38 PM

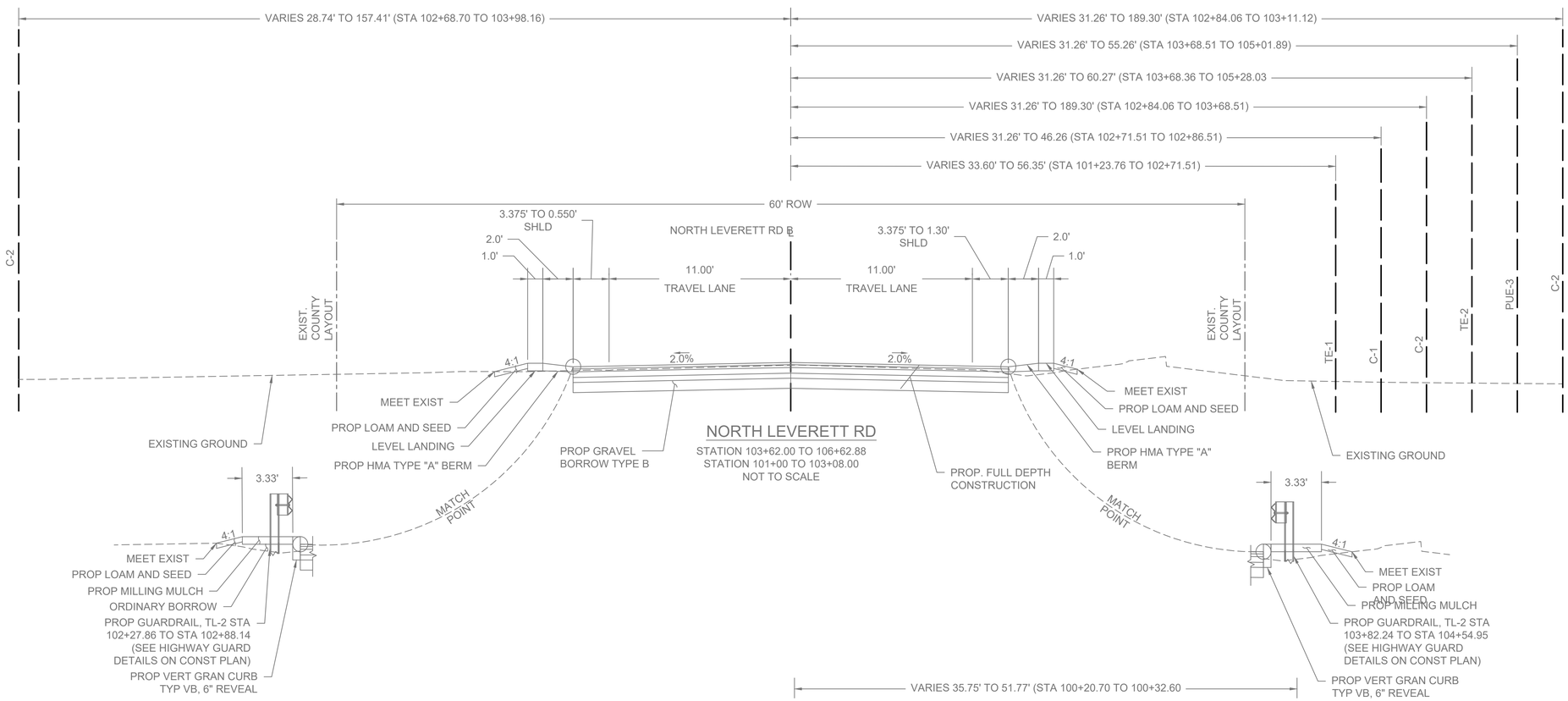
MONTAGUE
NORTH LEVERETT ROAD OVER THE SAWMILL RIVER

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	3	8
PROJECT FILE NO.	612164		

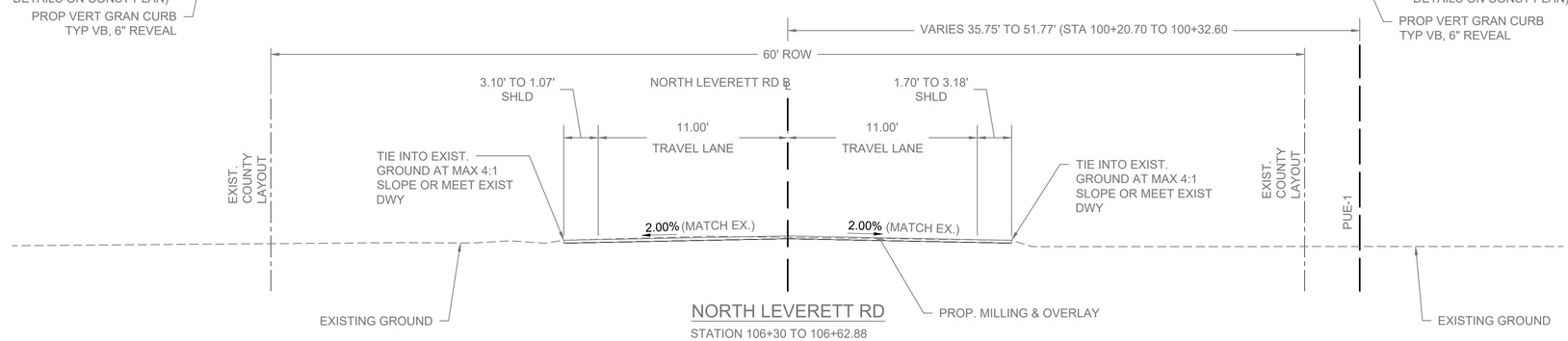
PRELIMINARY RIGHT-OF-WAY
TYPICAL SECTIONS
SHEET 1 OF 1



NORTH LEVERETT RD
STATION 103+08.00 TO 103+62.00
NOT TO SCALE



NORTH LEVERETT RD
STATION 103+62.00 TO 106+62.88
STATION 101+00 TO 103+08.00
NOT TO SCALE



NORTH LEVERETT RD
STATION 106+30 TO 106+62.88
STATION 100+00 TO 101+00

612164_ROW1 (TYPICAL).DWG Plotted on 5-Mar-2026 6:09 PM

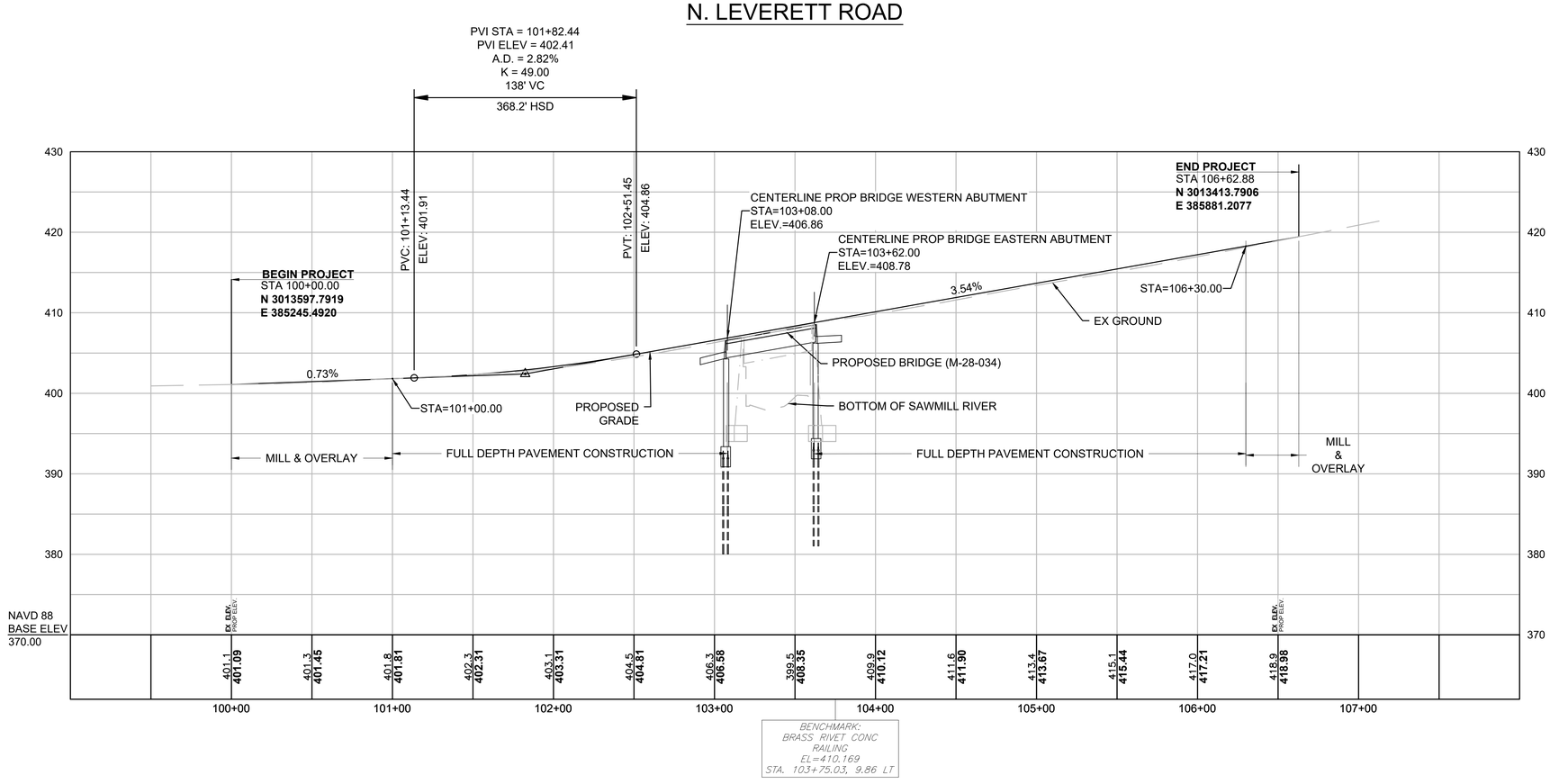
MONTAGUE
NORTH LEVERETT ROAD OVER THE SAWMILL RIVER

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	4	8
PROJECT FILE NO.	612164		

PRELIMINARY RIGHT-OF-WAY
CRITICAL PROFILE
SHEET 1 OF 1

612164_ROW (PROFILE).DWG Plotted on 2-Mar-2026 1:02 PM

N. LEVERETT ROAD



HOR. SCALE IN FEET
40 0 40 80
8 0 8 16
VER. SCALE IN FEET

MONTAGUE
NORTH LEVERETT ROAD OVER THE SAWMILL RIVER

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	5	8
PROJECT FILE NO.	612164		

PRELIMINARY RIGHT-OF-WAY PARCEL SUMMARY

PROJECT TOTALS			
AFFECTED PROPERTIES	**FEE TAKINGS**	**PERMANENT EASEMENTS**	**TEMPORARY EASEMENTS**
5	**0**	**6**	**3**

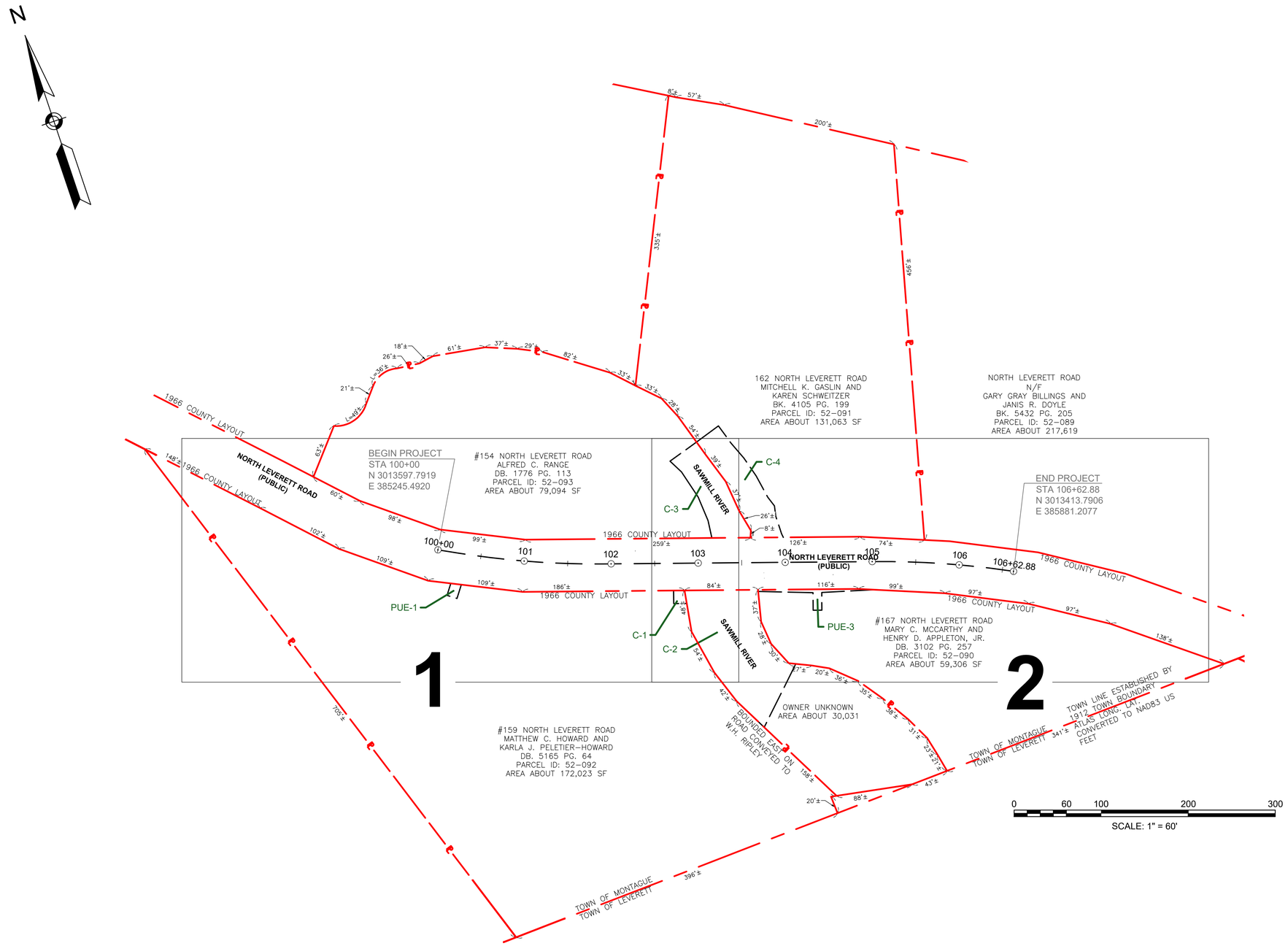
PARCEL NO.	PLAN SHEET NO.	TITLEHOLDER	TITLE REFERENCE				AREA (S.F. +/-)						TOTAL PROPERTY AREA (S.F.)	FRONTAGE ON ROW PLAN (FT)	PROPERTY ADDRESS	REMARKS	LAND RESTRICTION FROM THE DEED
			DEED BOOK	PAGE NO.	LCC NO.	CERT NO.	TAKEN		EASEMENT		TOTAL TAKEN	REMAINING					
							TOWN	STATE	TYPE	AREA							
C-1	7	Matthew C. Howard and Karla J. Peletier–Howard	5165	64					PERM.	207			172,023	655	159 North Leverett Road	River Access For Construction and Maintenance	None
PUE-1	7	Matthew C. Howard and Karla J. Peletier–Howard							PERM.	186						Utility Relocation, Loam & Seed	None
TE-1	7	Matthew C. Howard and Karla J. Peletier–Howard							TEMP.	1085						Utility Relocation, Grading (Max 2:1) Loam & Seed	
C-2	7,8	Owner Unknown							PERM.	11,026			30,031	84		River Access For Construction and Maintenance	None
C-3	7,8	Alfred C. Range	1776	113					PERM.	4268			79,094	516	154 North Leverett Road	River Access For Construction and Maintenance	None
C-4	7,8	Mitchell K. Gaslin and Karen Schweitzer	4105	199					PERM.	4664			131,063	200	162 North Leverett Road	River Access For Construction and Maintenance	None
PUE-3	7,8	Mary C. McCarthy and Henry D. Appleton, Jr.	3102	257					PERM.	557			59,306	547	167 North Leverett Road	Utility Relocation, Loam & Seed	None
TE-2	8	Mary C. McCarthy and Henry D. Appleton, Jr.							TEMP.	432						Utility Relocation, Loam & Seed	
TE-3	8	Mary C. McCarthy and Henry D. Appleton, Jr.							TEMP.	587						Utility Relocation, Loam & Seed	

612164_ROWS (LOCATION PLAN).DWG Plotted on 5-Mar-2026 6:07 PM

MONTAGUE
NORTH LEVERETT ROAD OVER THE SAWMILL RIVER

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	6	8
PROJECT FILE NO.	612164		

PRELIMINARY RIGHT-OF-WAY LOCATION PLAN

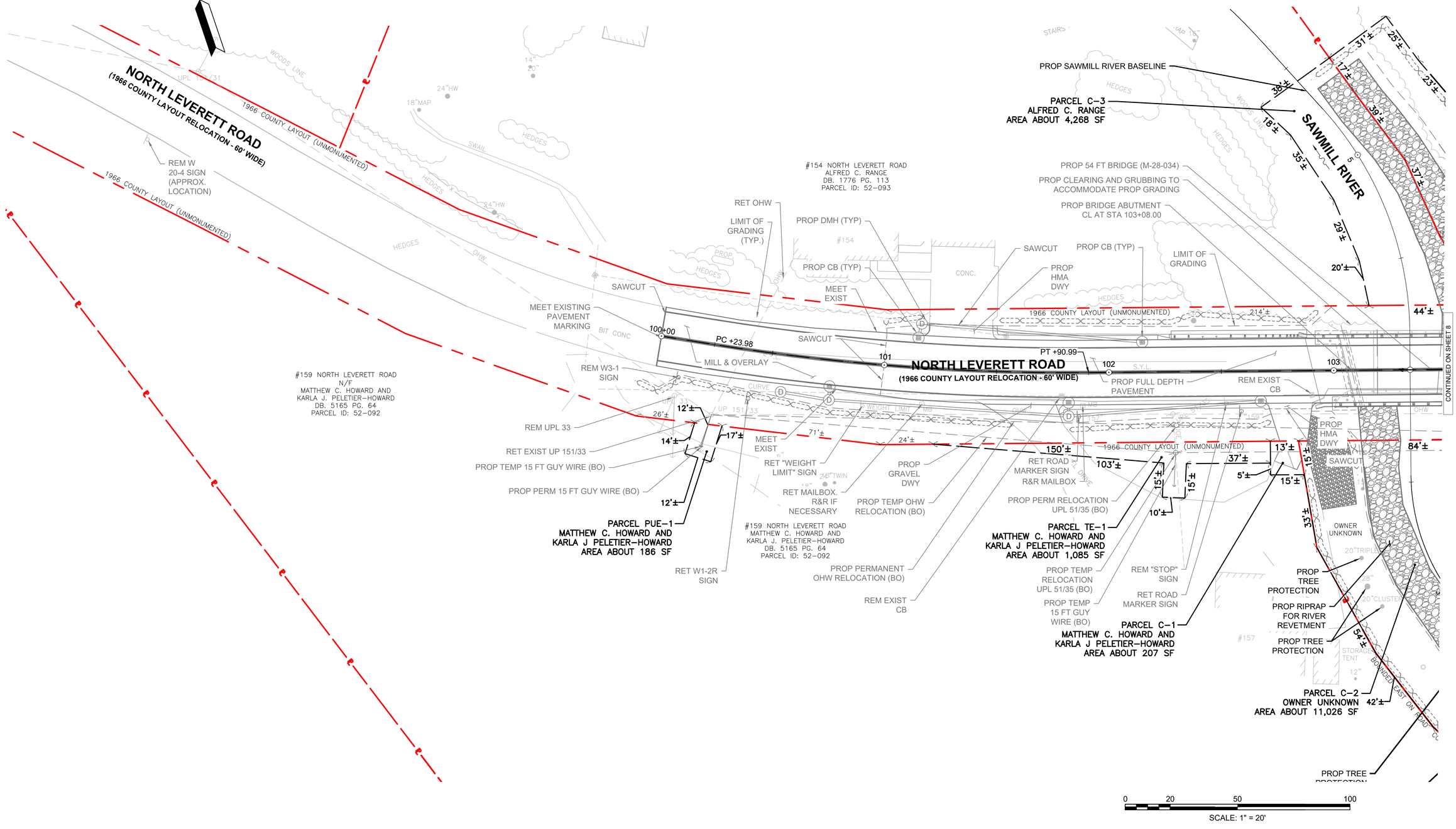


612164_ROW3 (LOCATION PLAN).DWG Plotted on 5-Mar-2026 3:29 PM

MONTAGUE
NORTH LEVERETT ROAD OVER THE SAWMILL RIVER

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	7	8
PROJECT FILE NO.	612164		

PRELIMINARY RIGHT-OF-WAY PROPERTY PLANS
SHEET 1 OF 2

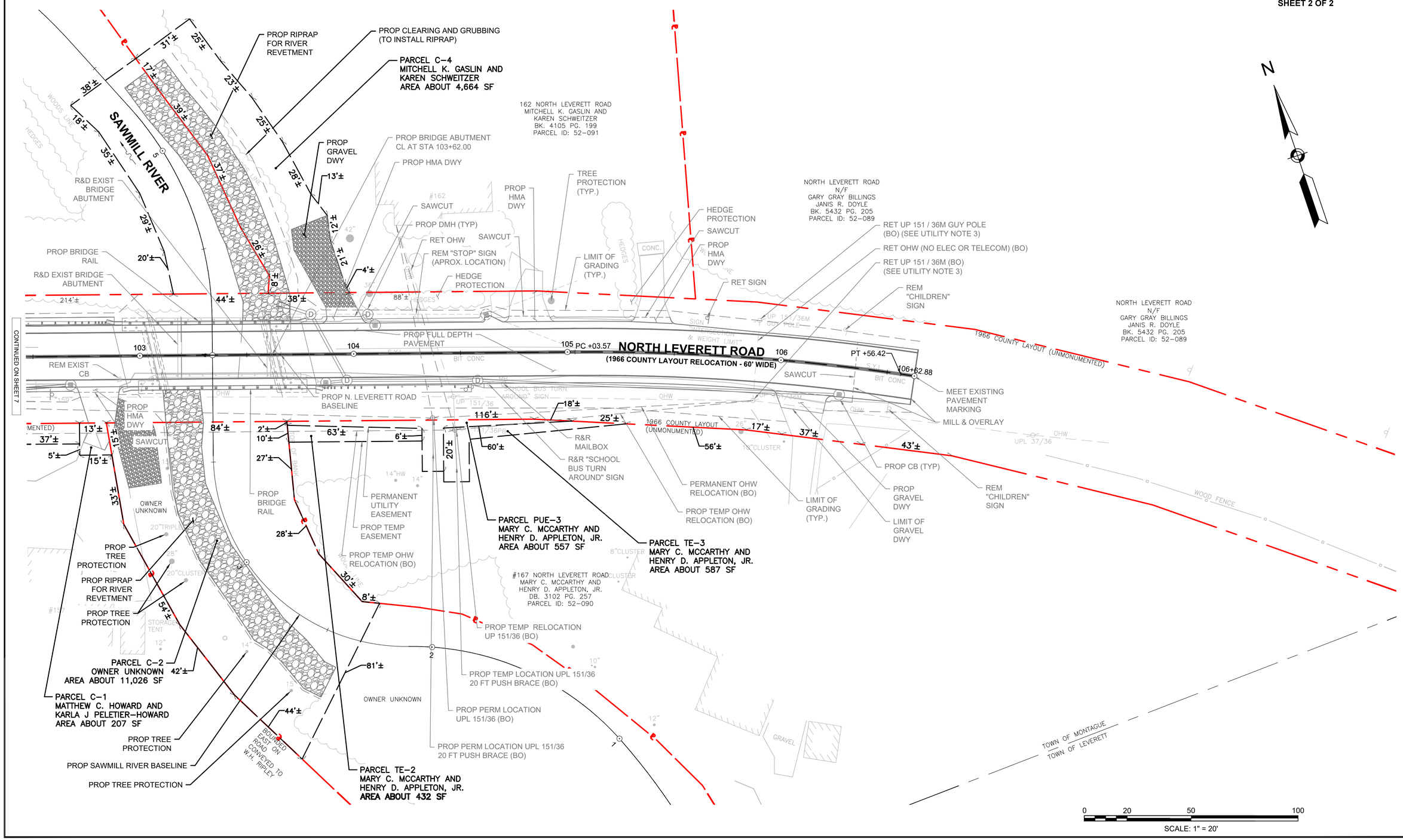


612164_ROW1 (PROPERTY PLAN).DWG Plotted on 5-Mar-2026 4:14 PM

MONTAGUE
NORTH LEVERETT ROAD OVER THE SAWMILL RIVER

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	8	8
PROJECT FILE NO.	612164		

PRELIMINARY RIGHT-OF-WAY PROPERTY PLANS
SHEET 2 OF 2



612164_ROW1 (PROPERTY PLAN).DWG Plotted on 9-Mar-2026 2:34 PM