

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION



FARMINGTON
FRANKLIN COUNTY
RUSSELL MILLS BRIDGE
OVER
TEMPLE STREAM
RUSSELLS MILLS ROAD
STATE PROJECT NO. 24903.00
PROJECT LENGTH 0.000 mi.
BRIDGE NO. 0067

LIST OF DRAWINGS

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UTILITIES

<input type="checkbox"/> Central Maine Power Company	Farmington Village Corp.
<input type="checkbox"/> Consolidated Communication Of Northern New England	Maine Fiber Company

MAINTENANCE OF TRAFFIC

N/A

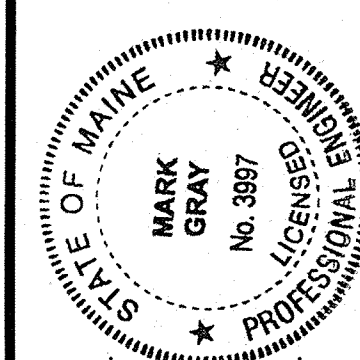
<u>PROJECT LOCATION</u>	Temple Stream, 0.21 Miles North of Route 43 Lat./Long. 44°40'22.3" N 70°11'41.9" W
<u>PROGRAM AREA</u>	Bridge
<u>OUTLINE OF WORK</u>	Bridge Removal

024903.00 WIN 24903.00

FARMINGTON
RUSSELL MILLS BRIDGE
TITLE SHEET

SHEET NUMBER
1
OF 7

Mark Gray
SIGNATURE
3997
P.E. NUMBER
5-9-2023
DATE



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
APPROVED
COMMISSIONER: *[Signature]*
CHIEF ENGINEER: *[Signature]*
DATE: 5-22-23

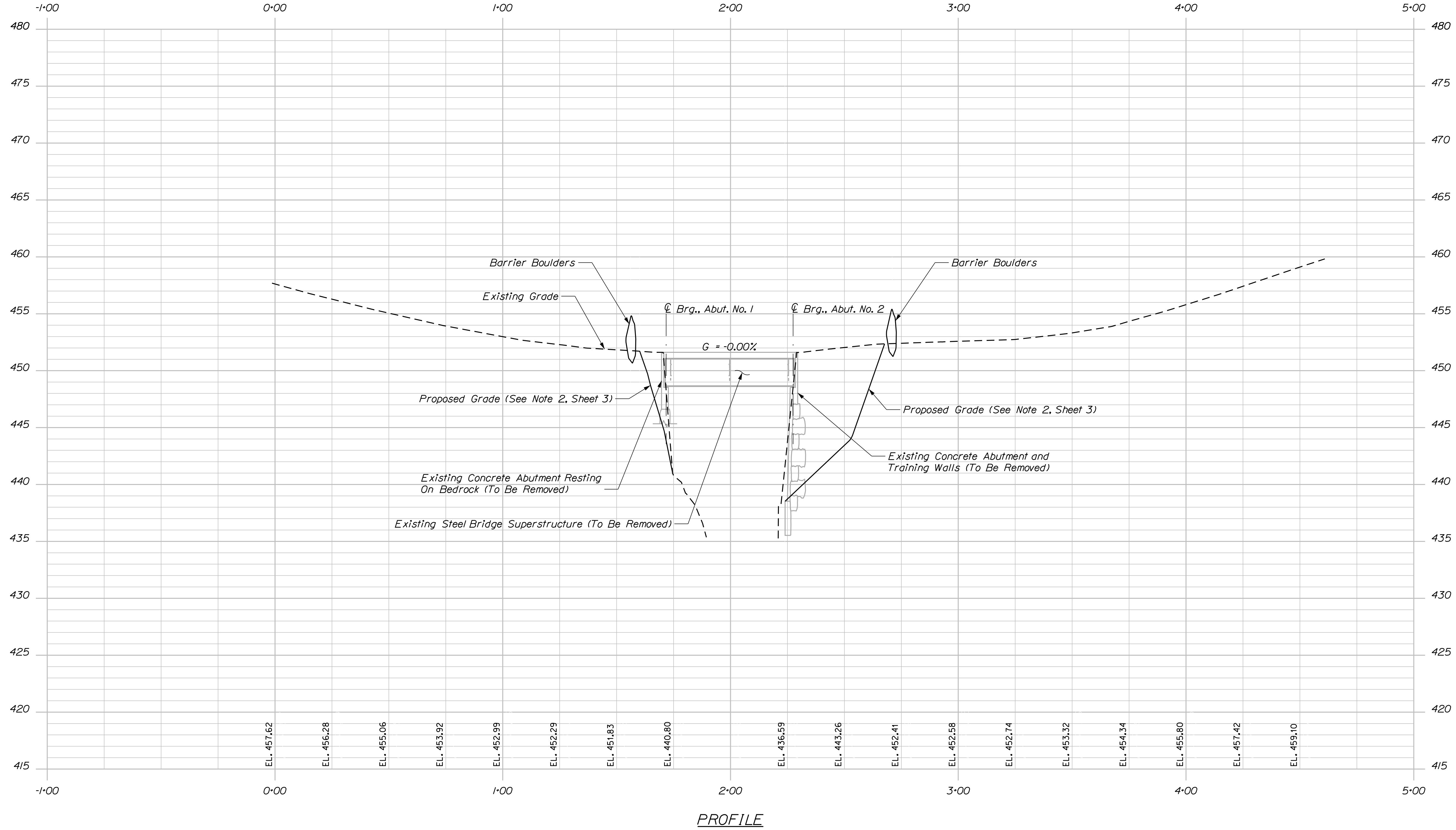
ESTIMATED QUANTITIES			
ITEM NO.	DESCRIPTION	QUANTITY	UNIT
202.19	REMOVING EXISTING BRIDGE (22 CY CONC.; 25000 LBS STEEL)	1	LS
203.20	COMMON EXCAVATION	1100	CY
304.10	AGGREGATE SUBBASE COURSE - GRAVEL	180	CY
511.07	COFFERDAM: ABUTMENT NO. 1	1	LS
511.07	COFFERDAM: ABUTMENT NO. 2	1	LS
603.169	15 INCH CULVERT PIPE OPTION III	60	LF
610.08	PLAIN RIPRAP	10	CY
613.319	EROSION CONTROL BLANKET	100	SY
615.07	LOAM	50	CY
619.14	EROSION CONTROL MIX	58	CY
621.019	EVERGREEN TREES (2 FOOT - 3 FOOT) GROUP A	6	EA
621.02	EVERGREEN TREES (2 FOOT - 3 FOOT) GROUP B	6	EA
621.178	MEDIUM DECID. TREE (6 FOOT - 8 FOOT) GROUP A	12	EA
621.179	MEDIUM DECID. TREE (6 FOOT - 8 FOOT) GROUP B	6	EA
621.184	MEDIUM DECID. TREE (8 FOOT - 10 FOOT) GROUP A	18	EA
621.54	DECID. SHRUB (18 INCH - 24 INCH) GROUP A	36	EA
621.546	DECID. SHRUB (2 FOOT - 3 FOOT) GROUP A	36	EA
621.71	HERBACEOUS PERENNIALS GROUP A 1 GALLON *1 POT	192	EA
629.05	HAND LABOR, STRAIGHT TIME	50	HR
631.12	ALL PURPOSE EXCAVATOR (INCLUDING OPERATOR)	10	HR
631.172	TRUCK - LARGE (INCLUDING OPERATOR)	10	HR
645.292	REGULATORY, WARNING, CONFIRMATION AND ROUTE MARKER ASSEMBLY SIGNS TYPE II	30	SF
652.33	DRUM	10	EA
652.34	CONE	25	EA
652.35	CONSTRUCTION SIGNS	300	SF
652.361	MAINTENANCE OF TRAFFIC CONTROL DEVICES	1	LS
652.38	FLAGGER	20	HR
656.75	TEMPORARY SOIL EROSION AND WATER POLLUTION CONTROL	1	LS
659.10	MOBILIZATION	1	LS

GENERAL CONSTRUCTION NOTES

- During construction, the road will be closed to traffic for a time period specified in the Special Provisions.
- For easements, construction limits and right of way lines, refer to Right of Way Map.
- The clearing limits as shown on the plans are approximate. The exact limits will be established in the field by the Resident. Payment for clearing will be considered incidental to Contract items.
- All utility facilities shall be adjusted by the respective utilities unless otherwise noted.
- Do not excavate for Aggregate Subbase Course where existing material is suitable as determined by the Resident.
- In areas where the Resident directs the Contractor not to excavate to the subgrade line shown on the plans, payment for removing existing pavement, grubbing, shaping, ditching, and compacting the existing subbase and layers of new subbase 6 inches or less thick will be made under appropriate equipment rental items.
- Place loam or Erosion Control Mix on all new or reconstructed sideslopes or as directed by the Resident. See Note 16.
- Erosion Control Mix may be substituted in those areas normally receiving loam and seed as directed by the Resident. Placement shall be in accordance with Standard Specifications Section 619, Mulch. Payment will be made under Item No. 619.14, Erosion Control Mix.
- Project information referred to below may be accessed at the following MaineDOT web address: <http://www.maine.gov/mdot/contractors/>.
- The existing bridge plans may be accessed at the MaineDOT web address. The plans are reproductions of the original drawings as prepared for the construction of the bridge. It is very unlikely that the plans will show any construction field changes or any alterations which may have been made to the bridge during its life span.
- Quantities included for pay items measured and paid for by Lump Sum are estimated quantities and are provided by MaineDOT for informational purposes only. Lump Sum pay items will be paid for at the Contract Bid amount, with no addition or reduction in payment to the Contractor if the actual final quantities are different from the MaineDOT provided estimated quantities, except as follows:
 - If a Lump Sum pay item is eliminated, the requirements of Standard Specifications Section 109.2, Elimination of Items, will take precedence.
 - If other Contract Documents specifically allow a change in payment for a Lump Sum pay item, those requirements will be followed.
 - If a design change results in changes to estimated quantities for Lump Sum pay items, price adjustments will be made in accordance with Standard Specifications Section 109.7, Equitable Adjustments to Compensation.

- The existing bridge shall be removed by and become the property of the Contractor. The steel portions of the existing bridge may be coated with a lead-based paint system. The Contractor is responsible for the containment, proper management and disposal of all lead-contaminated hazardous waste generated by the process of demolishing the bridge. The Contractor is responsible for implementing appropriate OSHA mandated personal protection standards related to this process. Once the existing bridge is removed, the Contractor is solely responsible for the care, custody and control of the components of the existing bridge and any hazardous waste generated as a result of the storage, recycling or disposal of the bridge components, including lead-coated steel. The Contractor shall recycle or reuse the steel in accordance with the Maine Department of Environmental Protection's "Maine Hazardous Waste Management Regulations," Chapter 850. A copy of this regulation is available at MaineDOT's offices on Child Street in Augusta. Payment for all labor, materials, equipment and other costs required to remove and dispose of the existing bridge will be considered incidental to the bridge removal pay item.
- Provide five large boulders (roughly 48 inches in least dimension) spaced at 8 feet on center and embedded 12 inches into the soil at the end of each end of the bridge as shown on the drawings. Behind each boulder place one 12 inch by 36-inch MUTC 0M3, aluminum object marker sign mounted on a galvanized steel, 2 lbs/foot, 10 foot long, u-channel post with the bottom of the sign at 5 feet above grade and embedded 3 feet into the ground. Retroreflective strip on the post is not required. Payment for boulders shall be incidental to Item 203.20 Common Excavation. Payment for signs shall be under item 645.292 Warning Signs Type II.
- Please coordinate final finish loaming for specific planting areas with Project Landscape architect. Based on final ledge exposure and finish grading, planting areas with 6" depth loam and 3" depth erosion control to be used for restoration of stream habitat areas per direction of MaineDOT Landscape Architect.
- Removal of existing fencing, barricades, and signage at both ends of the bridge to be incidental to Item 202.19, Removing Existing Bridge. These items shall be carefully salvaged by the Contractor and will remain the property of the Department.
- Removal of existing bituminous pavement at both ends of the bridge to be incidental to Item 203.20, Common Excavation.

STATE OF MAINE		DEPARTMENT OF TRANSPORTATION		024903.00		WIN		24903.00		BRIDGE NO. 0067		BRIDGE PLANS	
RUSSELL MILLS BRIDGE TEMPLE STREAM FRANKLIN COUNTY		DATE		BY		M. PARLIN		SIGNATURE		P.E. NUMBER		DATE	
		JAN. 2023		R. WAYER		M. GRAY		D. SHAW					
ESTIMATED QUANTITIES AND GENERAL CONSTRUCTION NOTES		DESIGN-DETAILED		CHECKED-REVIEWED		DESIGN-DETAILED		DESIGN-DETAILED		REVISIONS 1		REVISIONS 2	
SHEET NUMBER		2											



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

024903.00

BRIDGE NO. 0067 WIN 24903.00 BRIDGE PLANS

SIGNATURE

P.E. NUMBER

DATE

PROJ. MANAGER	BY	DATE
M. PARLIN	R. MAYER	JAN. 2022
	D. SHAW	MAY. 2023

RUSSELL MILLS BRIDGE
TEMPLE STREAM
FRANKLIN COUNTY

FARMINGTON

PROFILE

SHEET NUMBER

4

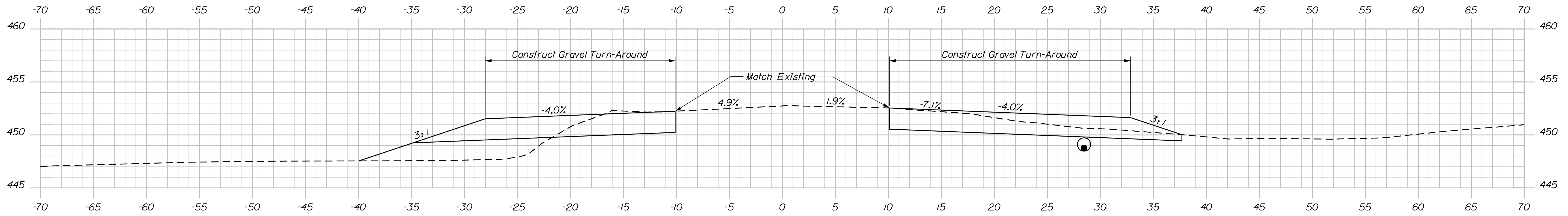
OF 7

Date: 5/9/2023

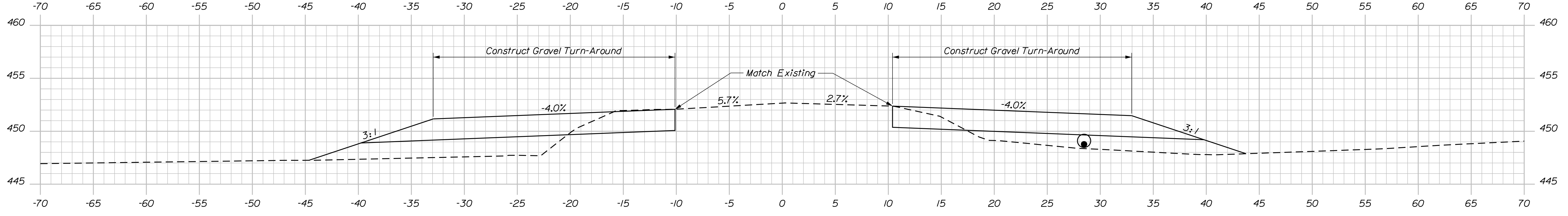
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Division: BRIDGE

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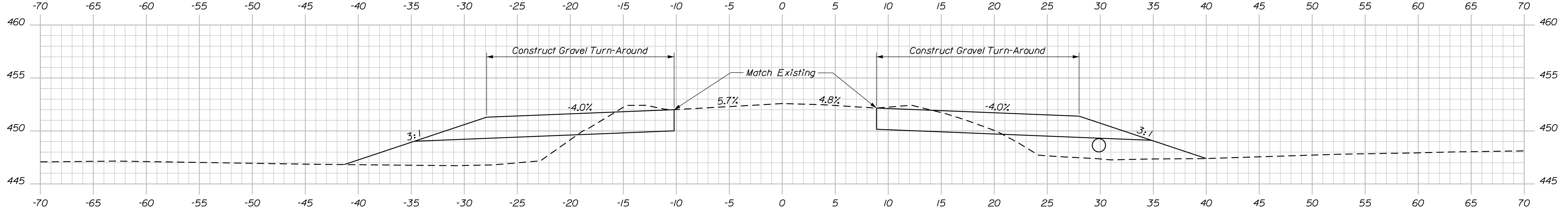


3+24.70



3+12.20

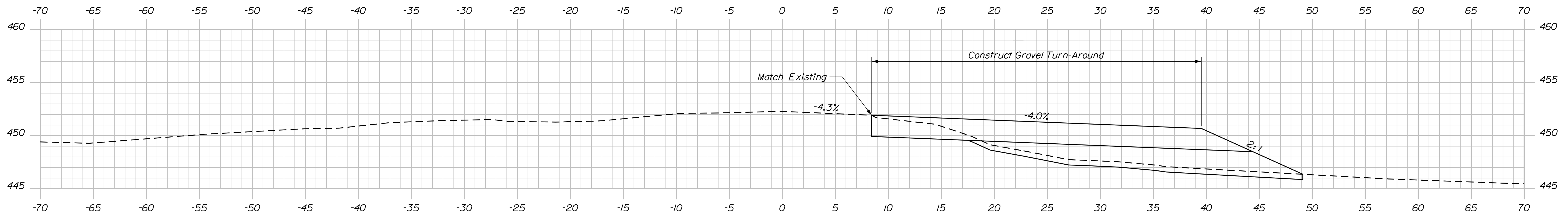
Install 60 LF of 15" Culvert Option III
 Inlet Sta. 3+48.3±; 26.2± Ft. Rt., Invert EL. 450.1±
 Outlet Sta. 2+88.0±; 30.6± Ft. Rt., Invert EL. 447.5±



2+99.75

Construct Gravel Turn-Around From Sta. 3+00.0±; 10.2± Ft. Lt. To Sta. 3+29.6±; 10.1± Ft. Lt.

Construct Gravel Turn-Around From Sta. 3+00.0±; 8.9± Ft. Rt. To Sta. 3+32.1±; 10± Ft. Rt.



1+25.00

Construct Gravel Turn-Around From Sta. 1+10.9±; 9.4± Ft. Rt. To Sta. 1+42.8±; 7.3± Ft. Rt.

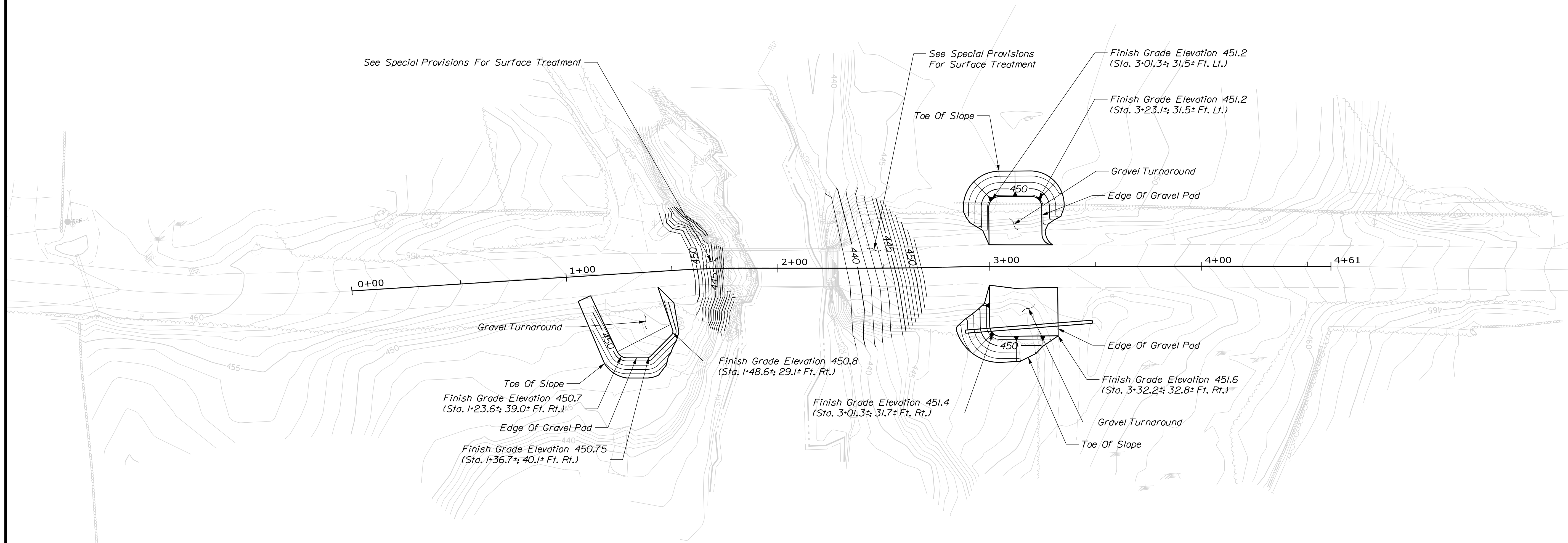
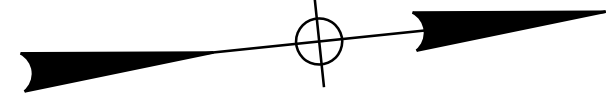
STATE OF MAINE
 DEPARTMENT OF TRANSPORTATION
 024903.00
 WIN
 24903.00
 BRIDGE NO. 0067
 BRIDGE PLANS

SIGNATURE
 P.E. NUMBER
 DATE

PROJ. MANAGER	BY	DATE
M. PARLIN	R. MAYER	JAN. 2023
M. GRAY	D. SHAW	MAY. 2023
R. MYERS		

RUSSELL MILLS BRIDGE
 TEMPLE STREAM
 FARMINGTON
 FRANKLIN COUNTY
 CROSS SECTIONS

SHEET NUMBER
 5
 OF 7



See Special Provisions For Surface Treatment

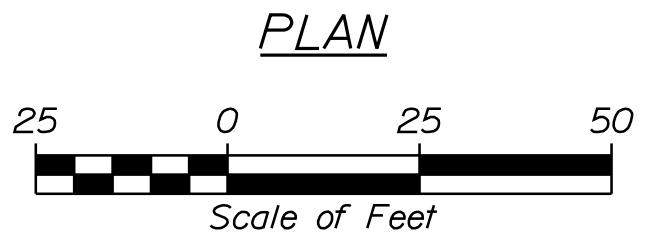
See Special Provisions For Surface Treatment

Gravel Turnaround
Toe Of Slope
Finish Grade Elevation 450.7
(Sta. 1+23.6±; 39.0± Ft. Rt.)
Edge Of Gravel Pad
Finish Grade Elevation 450.75
(Sta. 1+36.7±; 40.1± Ft. Rt.)

Finish Grade Elevation 450.8
(Sta. 1+48.6±; 29.1± Ft. Rt.)
Finish Grade Elevation 451.4
(Sta. 3+01.3±; 31.7± Ft. Rt.)

Edge Of Gravel Pad
Finish Grade Elevation 451.6
(Sta. 3+32.2±; 32.8± Ft. Rt.)
Gravel Turnaround
Toe Of Slope

Finish Grade Elevation 451.2
(Sta. 3+01.3±; 31.5± Ft. Lt.)
Finish Grade Elevation 451.2
(Sta. 3+23.1±; 31.5± Ft. Lt.)
Gravel Turnaround
Edge Of Gravel Pad



GRADING PLAN
Showing Grading For North and South
Stream Banks and Turn-Arounds
Other Features Not Shown For Clarity

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
024903.00
WIN
24903.00
BRIDGE NO. 0067
BRIDGE PLANS

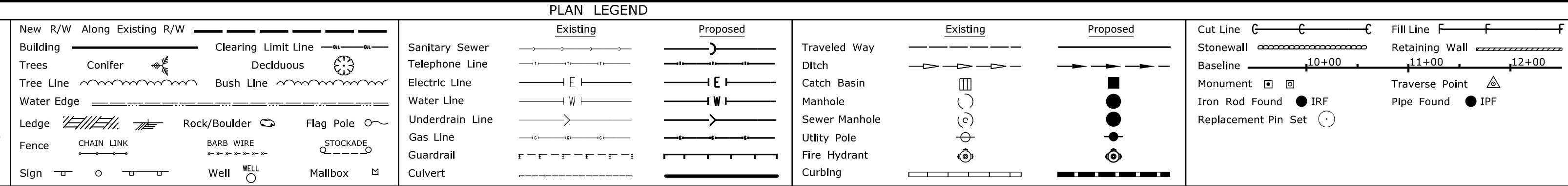
DESIGN DETAILED	M. GRAY	JAN 2022
CHECKED/REVIEWED	R. MAYER	MAY 2023
DESIGN DETAILED	D. SHAW	
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

PROJ. MANAGER	M. PARLIN	DATE
BY	R. MAYER	SIGNATURE
	D. SHAW	P.E. NUMBER
		DATE

RUSSELL MILLS BRIDGE
TEMPLE STREAM
FRANKLIN COUNTY
FARMINGTON
GRADING PLAN

SHEET NUMBER
6
OF 7

Town, County, State _____
 Approx. Property Lines _____
 Existing Right of Way _____
 Limits of Wrought Portion _____
 Control Of Access _____
 New Right of Way _____
 New Easement _____
 New Temporary Rights _____
 New R/W Within Existing R/W _____



THIS PLAN WAS PREPARED IN CONNECTION WITH THE DEPARTMENT'S ACQUISITION OF REAL PROPERTY FOR TRANSPORTATION PURPOSES. IT CANNOT BE USED TO ESTABLISH LEGAL BOUNDARIES BETWEEN ABUTTING PROPERTY OWNERS.

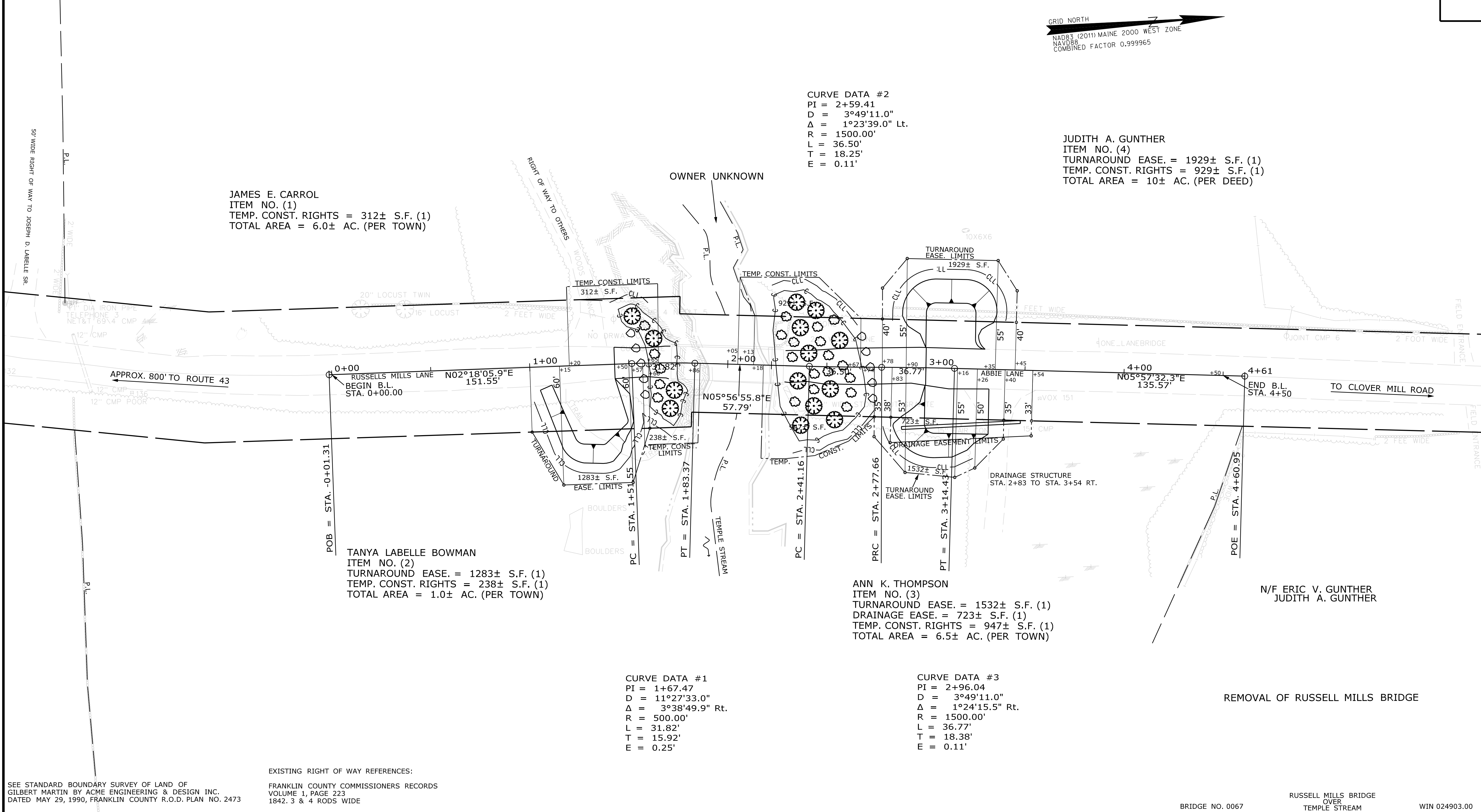
Scale of Feet: 0, 25, 50, 75, 100

GRID NORTH
 NAD83 (2011) MAINE 2000 WEST ZONE
 NAVD83
 COMBINED FACTOR 0.999965

STATE OF MAINE
 REGISTRY OF DEEDS

COUNTY _____
 RECEIVED _____,
 at _____ h _____ m _____ M and
 recorded in Plan Bk _____, Pg. _____
 Attest: _____ REGISTER

SEE SURVEY OF LAND OF JAMES CARROL COMPILED BY LOON F.W. LLC. DATED OCTOBER 2017, UNRECORDED



EXISTING RIGHT OF WAY REFERENCES:
 FRANKLIN COUNTY COMMISSIONERS RECORDS
 VOLUME 1, PAGE 223
 1842. 3 & 4 RODS WIDE

NO.	DATE	DESCRIPTION	BY

NO.	DATE	DESCRIPTION	BY	PLAN FILED IN PLAN BOOK		COUNTY RECORD					
				NO.	GRANTOR	PAGE	INSTRUMENT	DATE	BOOK	PAGE	

BRUCE A. VAN NOTE
 COMMISSIONER
 JOYCE NOEL TAYLOR
 CHIEF ENGINEER

DATE _____

TOWN WAY
 RUSSELLS MILLS LANE / ABBIE LANE
 FARMINGTON FRANKLIN COUNTY
 STATE PROJECT NO. 24903.00

APRIL 2022
 SCALE 1" = 25'

RIGHT-OF-WAY MAP
 SHEET 1 OF 1

D.O.T. FILE NO. 4-289

SHEET NUMBER
 7
 OF 7

Filename: ... \00\ROW\MSTA001_RWPLAN1.dgn
 Division: BRIDGE
 Username: Richard.Mayer
 Date: 5/5/2023

ITEM	TECH	CHECKED
EXISTING CONDITION PLAN	PNS	
FINAL RIGHT OF WAY	PNS	
AREAS		

STATE OF MAINE
 DEPARTMENT OF TRANSPORTATION
 16 STATE HOUSE STATION - AUGUSTA, ME 04333-0016 - 207-624-3460
 FARMINGTON
 RIGHT OF WAY MAP