STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

TRAFFIC DATA

Current (2018) AADT	390
Future (2038) AADT	440
DHV - % of AADT	12
Design Hour Volume	53
Heavy Trucks (% of AADT)	34
Heavy Trucks (% of DHV)	20
Directional Distribution (% of DHV)	50
18 kip Equivalent P 2.0	123
18 kip Equivalent P 2.5	117
Posted Speed (mph)	55

LIST OF DRAWINGS

Title Sheet	1
Estimated Quantities & General Construction Notes	2
General Plan	3
Profile	4
Pile Rehabilitation Details	5
Right of Way Map	6

LONG POND TOWNSHIP
SOMERSET COUNTY
PARLIN STREAM BRIDGE NO. 2
OVER
PARLIN STREAM
ROUTES 6 AND 15
FEDERAL AID PROJECT NO. 2363700
PROJECT LENGTH 0.000 mi.
BRIDGE NO. 6025

UTILITIES

N/A

MAINTENANCE OF TRAFFIC

Maintain one lane of alternating traffic during working hours and two lanes during non-working hours.

PROJECT LOCATION	Parlin Stream No. 2 Bridge (#6025) over Parlin Stream. Located 3.14 miles from the Sandwich Academy Grant Township. Lat./Long. 45° 36' 28.2" N 70° 03' 33.6" W
PROGRAM AREA	Highway-Bridges Traditional
OUTLINE OF WORK	Bridge Substructure Rehabilitation

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

APPROVED

		DATE
COMMISSIONER:		5-17-22
CHIEF ENGINEER:		5-17-2022

STATE OF MAINE · Richard E Myers · 12670 · LICENSED PROFESSIONAL ENGINEER

P.E. NUMBER 12670
DATE May 2, 2022

PROJECT INFORMATION

PROGRAM	BRIDGE
PROJECT MANAGER	M. PARLIN
DESIGNER	R. MYERS
CONSULTANT	N/A
PROJECT RESIDENT	
CONTRACTOR	
PROJECT COMPLETION DATE	

WIN 23637.00

2363700

LONG POND TOWNSHIP
PARLIN STREAM BRIDGE NO. 2

TITLE SHEET

SHEET NUMBER 1 OF 6

Filename:\00\BRIDGE\MSTA\001_Title.dgn Division: BRIDGE Username: Dovid.Shaw Date:4/28/2022

Filename: ...\BRIDGE\MSTA\002_Estimate.dgn Division: BRIDGE Username: David.Show Date:4/28/2022

ESTIMATED QUANTITIES			
ITEM NO.	DESCRIPTION	QUANTITY	UNIT
501.251	PILE CASING	10	EA
615.10	DIRTY BORROW	10	CY
618.14	SEEDING METHOD NUMBER 2	2	UN
619.12	MULCH	2	UN
619.14	EROSION CONTROL MIX	10	CY
629.05	HAND LABOR, STRAIGHT TIME	25	HR
631.172	TRUCK - LARGE (INCLUDING OPERATOR)	20	HR
631.18	CHAIN SAW RENTAL (INC OPERATOR)	10	HR
631.193	PRESSURE WASHER (INC WTR SRC)	20	HR
639.21	FIELD OFFICE TYPE D	1	EA
652.33	DRUM	25	EA
652.34	CONE	25	EA
652.35	CONSTRUCTION SIGNS	400	SF
652.361	MAINTENANCE OF TRAFFIC CONTROL DEVICES	1	LS
652.38	FLAGGER	360	HR
656.75	TEMPORARY SOIL EROSION AND WATER POLLUTION CONTROL	1	LS
659.10	MOBILIZATION	1	LS

GENERAL CONSTRUCTION NOTES

1. For easements, construction limits, and right of way lines, refer to the Right of Way Map.

2. 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.

3. All utility facilities shall be adjusted by the respective utilities unless otherwise noted.

4. Project information referred to below may be accessed at the following MaineDOT web address: http://www.maine.gov/mdot/contractors/.

5. 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.

6. 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:

   a. If a Lump Sum pay item is eliminated, the requirements of Standard Specifications Section 109.2, Elimination of Items, will take precedence.

   b. If other Contract Documents specifically allow a change in payment for a Lump Sum pay item, those requirements will be followed.

   c. 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.

7. Payment for equipment, labor and materials to access the work, as well as re-establishing original ground, will be considered incidental to related contract items.

8. Existing debris, scaling and marine growth required to be removed from the pile bents will be paid for using hourly rate items.

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

2363700

WIN 23637.00

BRIDGE NO. 6025

BRIDGE PLANS

PROJ. MANAGER	M. PARLIN		
DESIGN-DETAILED	R. MYERS	BY	DATE
CHECKED-REVIEWED	R. MYERS	R. MAYER	MAR 2022
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

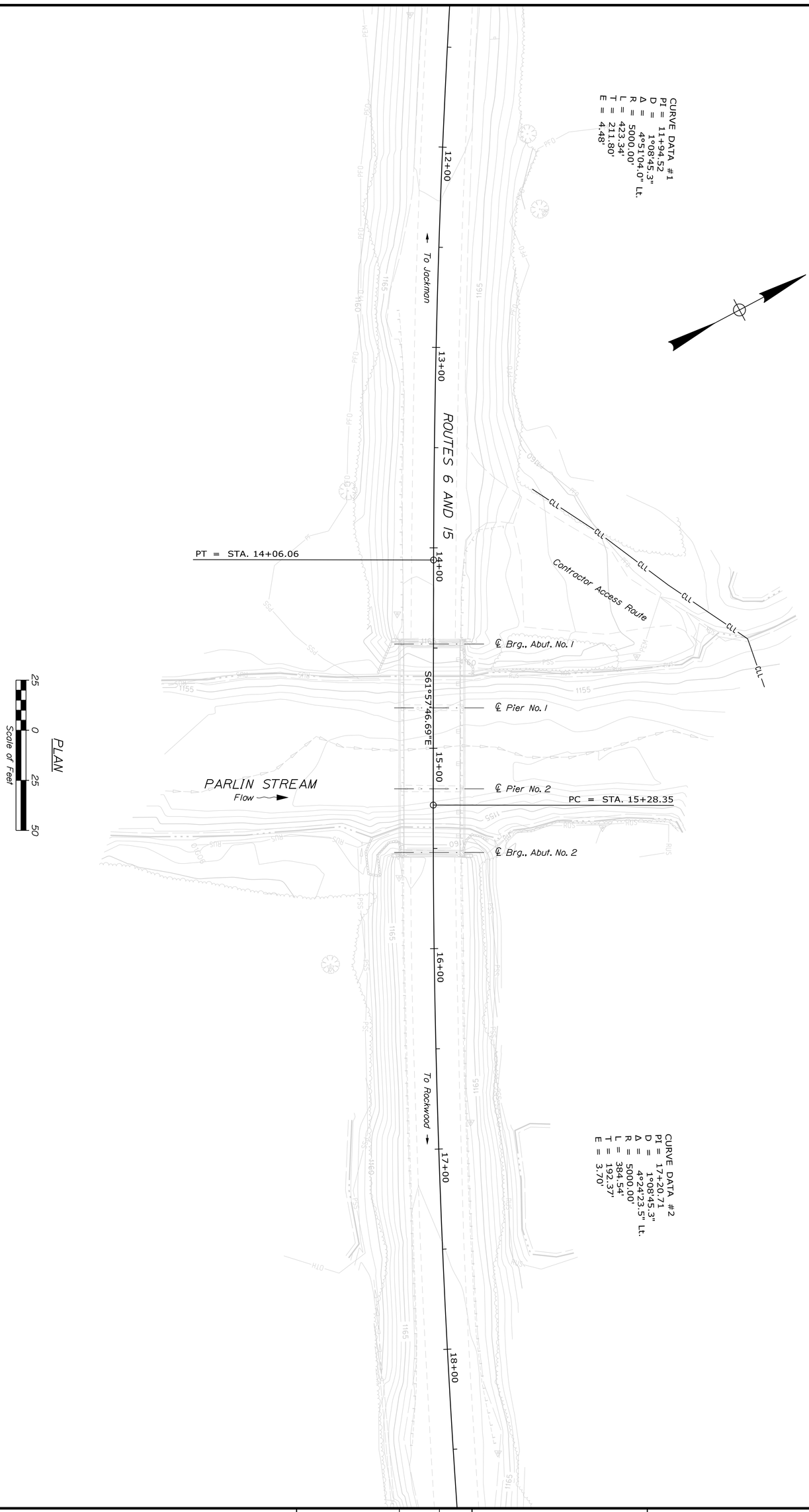
PARLIN STREAM BRIDGE NO. 2
PARLIN STREAM
LONG POND TOWNSHIP SOMERSET COUNTY

ESTIMATED QUANTITIES &
GENERAL CONSTRUCTION NOTES

SHEET NUMBER

2

OF 6



PARLIN STREAM BRIDGE NO. 2
PARLIN STREAM
LONG POND TOWNSHIP SOMERSET COUNTY

GENERAL PLAN

PROJ. MANAGER	M. PARLIN	BY	DATE
DESIGN-DETAILED	R. MYERS	R. MAYER	MAR 2022
CHECKED-REVIEWED			
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

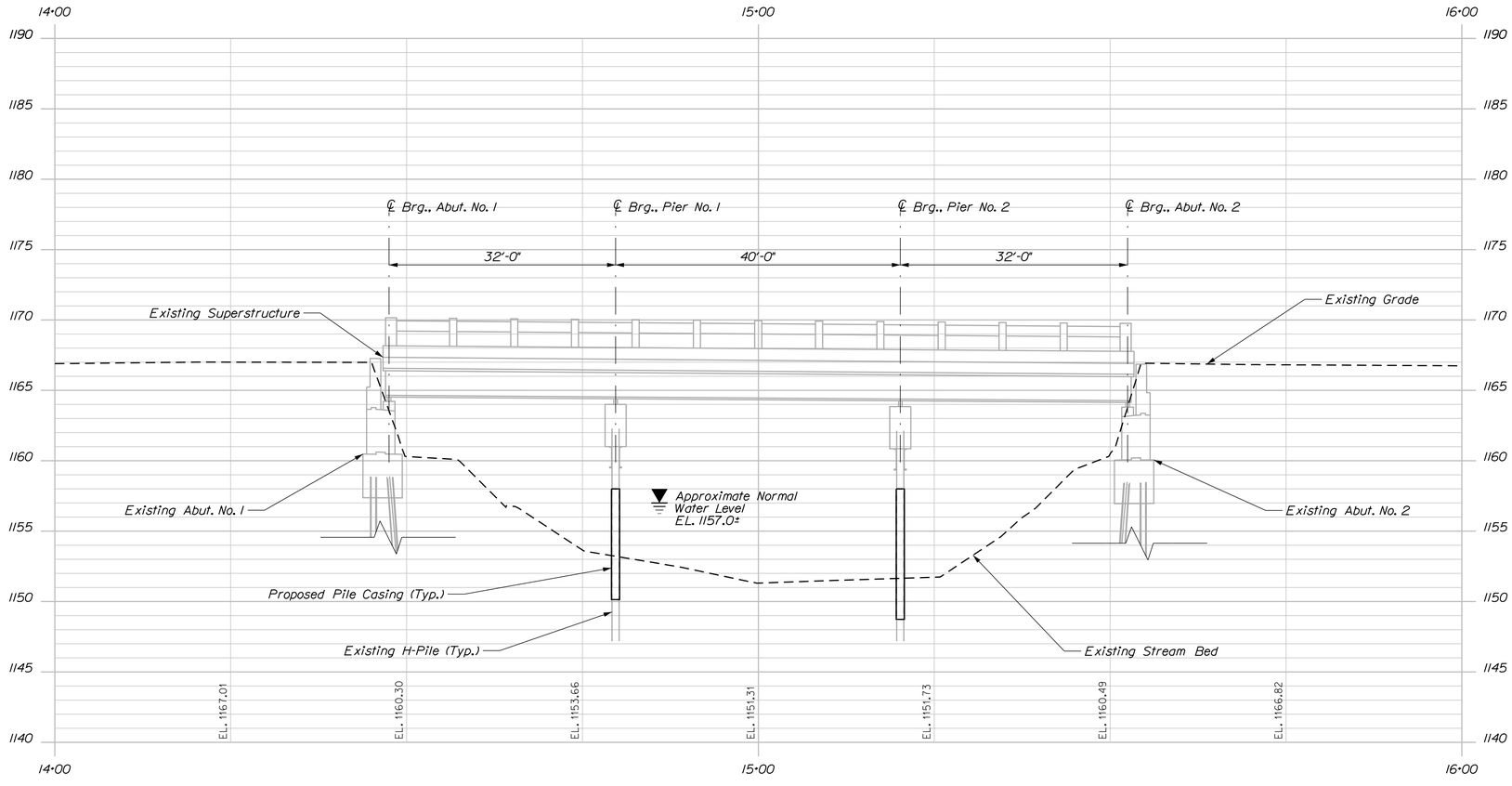
DATE

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

2363700

BRIDGE NO. 6025 WIN 23637.00 BRIDGE PLANS

SHEET NUMBER 3 OF 6



PROFILE

(Shown At 2:1 Vertical Exaggeration)

Filename: ...\00\BRIDGE\MSTA\004_Profile.dgn Division: BRIDGE Username: David.Shaw Date:4/28/2022

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

2363700

WIN 23637.00

BRIDGE NO. 6025 BRIDGE PLANS

SIGNATURE

P.E. NUMBER

DATE

PROJ. MANAGER	M. PARLIN	
DESIGN-DETAILED	R. MYERS	MAR 2022
CHECKED-REVIEWED		
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

PARLIN STREAM BRIDGE NO. 2
PARLIN STREAM
LONG POND TOWNSHIP SOMERSET COUNTY

PROFILE

SHEET NUMBER

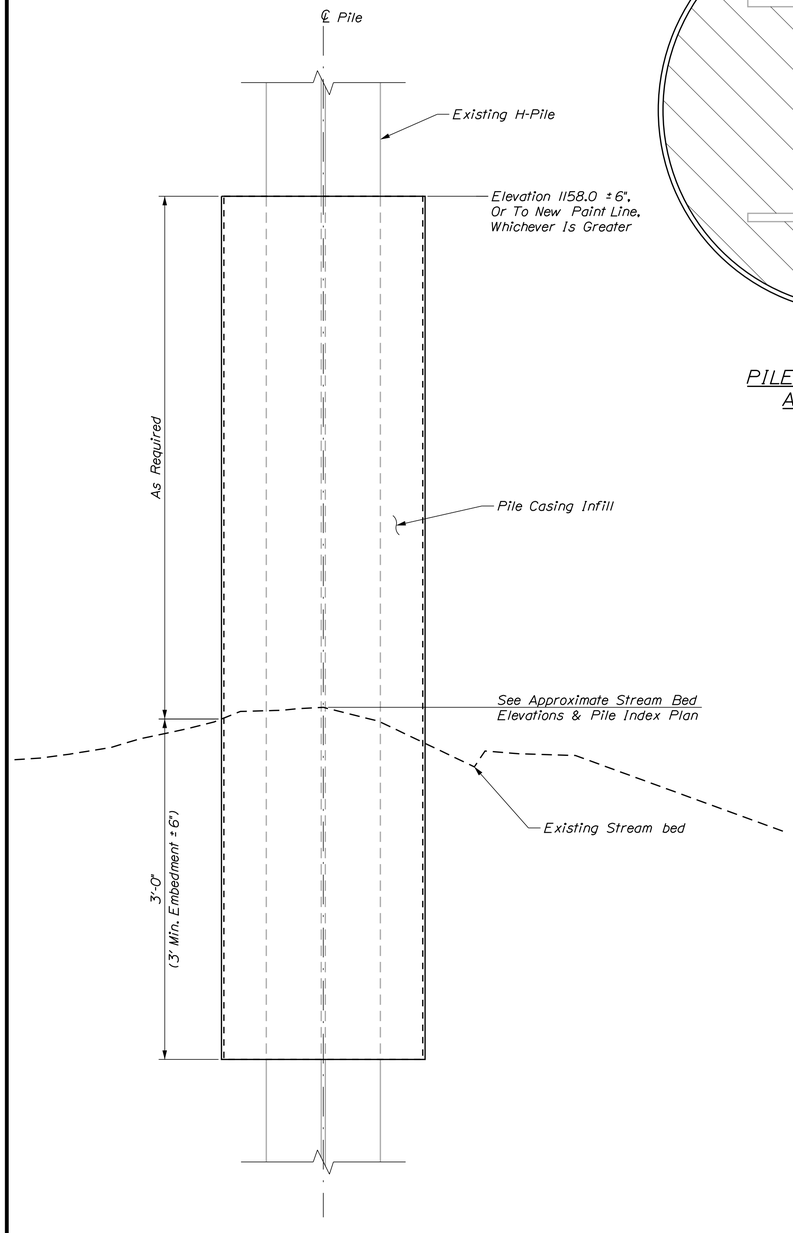
4

OF 6

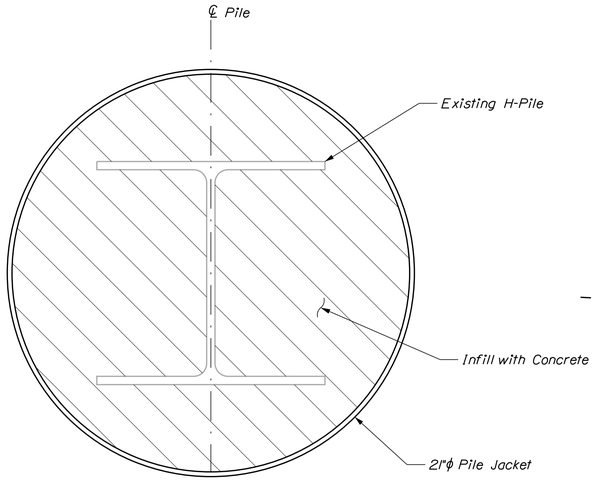
NOTE:

1. The bridge structural steel was recently painted. The pier piles were painted as close to the water level as possible at the time of the paint project. The distance from the bottom of the pier cap supporting steel channel and the new paint line is estimated to be about 6 to 12 inches. The new pile casings shall overlap the new paint line on the existing pier piles.

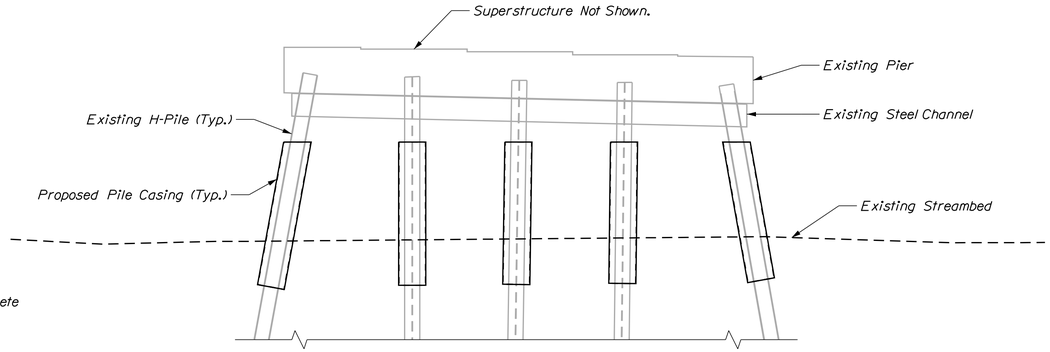
2. The top of all pile casings shall be cut true and level regardless of required casing batter.



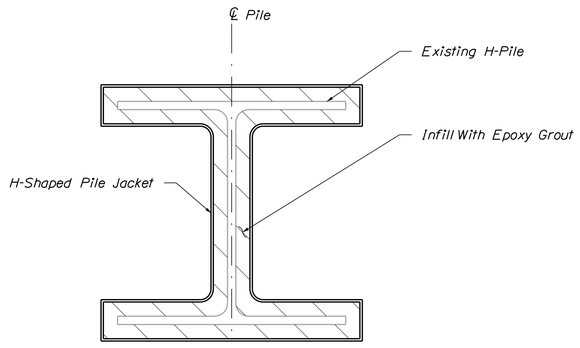
PILE CASING ELEVATION DETAIL
(Typ. All Piles)



PILE CASING DETAIL-
ALTERNATIVE 1
(Typ. All Piles)



PIER ELEVATION
(Piers Similar)

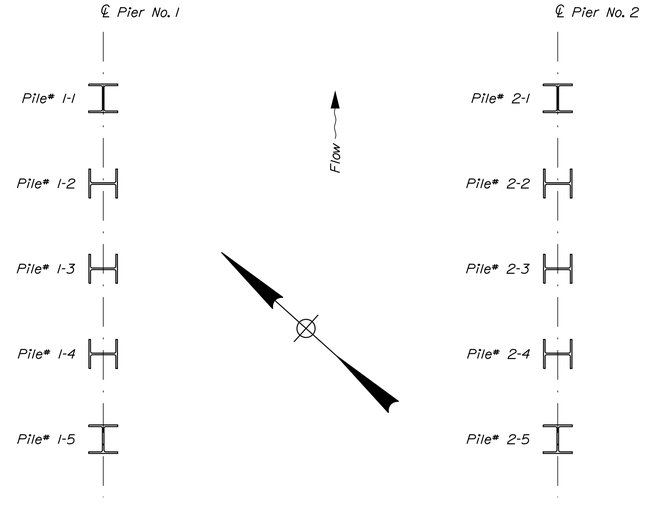


PILE CASING DETAIL-
ALTERNATIVE 2
(Typ. All Piles)

APPROXIMATE STREAM BED ELEVATIONS

Pile#		Elevation
1-1	=	1152.7
1-2	=	1153.0
1-3	=	1153.2
1-4	=	1153.4
1-5	=	1153.7
2-1	=	1151.5
2-2	=	1151.6
2-3	=	1151.7
2-4	=	1151.7
2-5	=	1151.8

PILE INDEX PLAN
(Not to Scale)



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

2363700

WIN 23637.00

BRIDGE NO. 6025

BRIDGE PLANS

PROJ. MANAGER	M. PARLIN		
DESIGN-DETAILED	R. MYERS	BY	DATE
CHECKED-REVIEWED	R. MYERS	R. MAYER	MAR 2022
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

PARLIN STREAM BRIDGE NO. 2
PARLIN STREAM
LONG POND TOWNSHIP SOMERSET COUNTY

PILE REHABILITATION DETAILS

SHEET NUMBER
5
OF 6

Username: David.Show Date:4/28/2022
Division: BRIDGE
Filename: ...\BRIDGE\MSTA\005_BtypicaL.dgn

PLAN LEGEND

Town, County, State	New R/W Along Existing R/W	Sanitary Sewer	Existing / Proposed	Traveled Way	Existing / Proposed	Cut Line C C C	Fill Line F F F
Approx. Property Lines P.L.	Building / Clearing Limit Line CLL	Telephone Line		Ditch		Stonewall	Retaining Wall
Existing Right of Way	Trees Conifer / Deciduous	Electric Line		Catch Basin		Baseline 10+00 11+00 12+00	
Limits of Wrought Portion L.O.W.P.	Tree Line / Bush Line	Water Line		Manhole		Monument	Traverse Point
Control Of Access C.O.A.	Water Edge	Underdrain Line		Sewer Manhole		Iron Rod Found IRF	Pipe Found IPF
New Right of Way	Ledge / Rock/Boulder / Flag Pole	Gas Line		Utility Pole		Replacement Pin Set	
New Easement	Fence CHAIN LINK / BARB WIRE / STOCKADE	Guardrail		Fire Hydrant			
New Temporary Rights	Sign / Well WELL / Mailbox	Culvert		Curbing			
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.

25 0 25 50 75 100
Scale of Feet

STATE OF MAINE
REGISTRY OF DEEDS

COUNTY OF _____

RECEIVED _____, 20____

AT _____HRS. _____ MINS. ____.M.
AND RECORDED IN
PLAN BOOK
(OR FILE NO.)_____, PAGE _____

ATTEST: _____
REGISTRAR

PLUM CREEK MAINE TIMBERLANDS, L.L.C.
TO FOREST SOCIETY OF MAINE
CONSERVATION EASEMENT
DATED MAY 14, 2012
S.C.R.D. BOOK 4523, PAGE 222

WEYERHAEUSER COMPANY
FOREST SOCIETY OF MAINE (CONSERVATION EASEMENT)
ITEM NO. (1)
TEMP. CONST. RIGHTS = 0.36± AC. (1)
TOTAL AREA = VAST ACREAGE

CURVE DATA #1
PI = 11+94.52
D = 1°08'45.3"
Δ = 4°51'04.0" Lt.
R = 5000.00'
L = 423.34'
T = 211.80'
E = 4.48'

CURVE DATA #2
PI = 17+20.71
D = 1°08'45.3"
Δ = 4°24'23.5" Lt.
R = 5000.00'
L = 384.54'
T = 192.37'
E = 3.70'

GRID NORTH
NAD 83 ME 2000 WEST ZONE
MAINE STATE PLANE
COMBINED FACTOR 0.99995556

TEMP. CONST. LIMITS
CLL
EXISTING CHANNEL DIVERSION EASEMENT LIMITS
EXISTING CHANNEL DIVERSION EASEMENT ACQUIRED AS PART OF S.H.C. FILE NO. 13-128 SHEET 3, FEBRUARY 1963
PARLIN STREAM
0.36± AC.
PC = STA. 15+28.35
PT = STA. 14+06.06
WEYERHAEUSER COMPANY
TO JACKMAN
BEGIN B.L.
12+00
13+00
14+00
15+00
16+00
17+00
18+00
106.06'
+65
+35
S61°57'46.7"E
122.29'
171.65'
END B.L.
ROUTES 6 AND 15 LONG POND ROAD STATE HIGHWAY "268"
TO ROCKWOOD
BIRCH
MAPLE
#5 MPH
FIRE CISTERN
CAUTION

EXISTING RIGHT OF WAY REFERENCE:

S.H.C. FILE NO. 13-128
SHEET 3, FEBRUARY 1963

PLUM CREEK MAINE TIMBERLANDS, L.L.C.
TO FOREST SOCIETY OF MAINE
CONSERVATION EASEMENT
DATED MAY 14, 2012
S.C.R.D. BOOK 4523, PAGE 222

PARLIN STREAM NO. 2
OVER
PARLIN STREAM
BRIDGE NO. 6025
WIN 023637.00

REVISIONS NO.	DATE	DESCRIPTION	BY

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

BRUCE A. VAN NOTE
COMMISSIONER
JOYCE NOEL TAYLOR
CHIEF ENGINEER
DATE

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

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

LONG POND (T3 R1 NBKP)
RIGHT OF WAY MAP

STATE HIGHWAY "268"
ROUTES 6 & 15 LONG POND ROAD
LONG POND TOWNSHIP SOMERSET COUNTY
FEDERAL AID PROJECT NO. 2363700

DECEMBER 2021 | RIGHT-OF-WAY MAP | D.O.T. FILE NO. 13-407
SCALE 1" = 25' | SHEET 1 OF 1

SHEET NUMBER
6
OF 6

Filename: ...\00\ROW\MSTA\006_RWPLAN1.dgn Division: BRIDGE Username: David.Show Date:4/28/2022