MASSACHUSETTS DEPARTMENT OF TRANSPORTATION
HIGHWAY DIVISION

PLAN AND PROFILE OF

MARION SHARED-USE PATH

IN THE TOWN OF

MARION

PLYMOUTH COUNTY

100% HIGHWAY SUBMITTAL

TOWN OF MARION
SHARED-USE PATH - PHASE 1

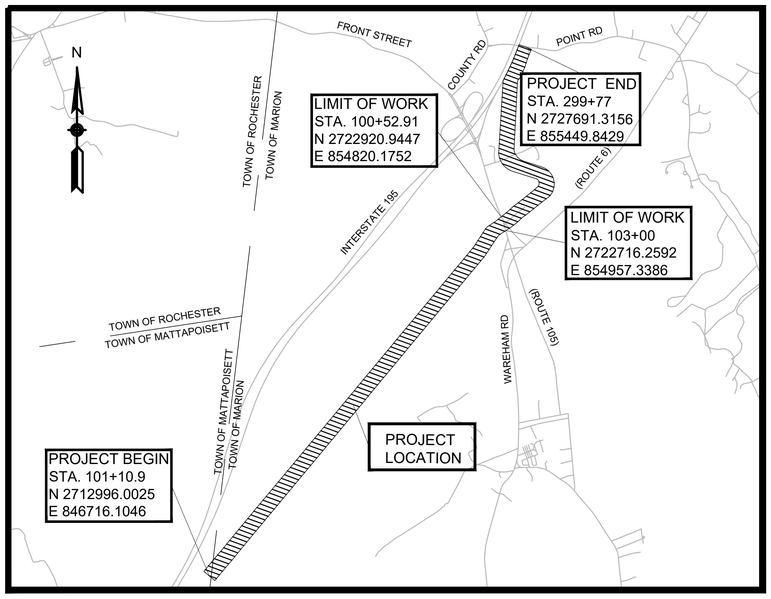
STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	1	274
PROJECT FILE NO.	607979		

TITLE SHEET & INDEX

THESE PLANS ARE SUPPLEMENTED BY THE THE MASSACHUSETTS HIGHWAY DEPARTMENT STANDARD SPECIFICATIONS FOR HIGHWAYS AND BRIDGES DATED 2023, AS AMENDED, 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.

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0 2000 4000 6000 8000

SCALE: 1" = 2000'

LENGTH OF PROJECT = 20,460 FEET = 3.88 MILES

DESIGN DESIGNATION

(PROPOSED SHARED-USE PATH)		(ROUTE 105)	
DESIGN SPEED	20 MPH	DESIGN SPEED	40 MPH
ADT (2016)	NA	ADT (2016)	14,400
FUNCTIONAL CLASS	SHARED USE PATH	ADT (2018)	14,800
		ADT (2025)	16,000
		K	8.8%
		D	49% NB, 51% SB
		T (PEAK HOUR)	4.3%
		T (AVERAGE DAY)	5.3%
		DHV	1410
		DDHV	720
		FUNCTIONAL CLASS	URBAN MINOR ARTERIAL

AUGUST 2018	25% SUBMITTAL	

massDOT Massachusetts Department of Transportation Highway Division

RECOMMENDED FOR APPROVAL

CHIEF ENGINEER _____ DATE _____

DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

APPROVED:

DIVISION ADMINISTRATOR _____ DATE _____

APPROVED

HIGHWAY ADMINISTRATOR _____ DATE _____

LEGEND

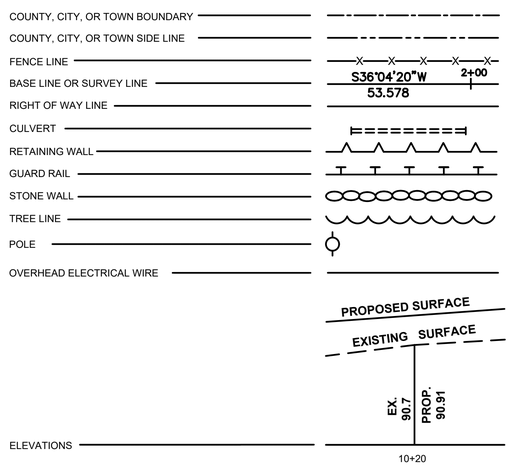
GENERAL SYMBOLS

EXISTING	PROPOSED	
JB OR BRJB	JB OR BRJB	JERSEY BARRIER ON BRIDGE OR JERSEY BARRIER
CB	CB	CATCH BASIN
CI	CI	CURB INLET
	BUOY	BUOY
	FPL	FLAG POLE
		GAS PUMP
DI	DI	DROP INLET
MB	MB	MAIL BOX
GR	GRAN POST	GRANITE POST
PLN	PLANTER	PLANTER
PST	POST	POST
TBH	TBH	TELEPHONE BOOTH
VLT	VLT	VAULT
VLV	VLV	VALVE
WELL	WELL	WELL
EHH	EHH	ELECTRIC MANHOLE (HANDHOLE)
FCGA		GATE POST
FL	FL	FLOW LINE
GG		GAS GATE
BH	BH	BORING HOLE
		MONITORING WELL
	TEP	TEST PIT
HC	CONC. HDWL	CONCRETE HEADWALL
HH		HANDHOLE
HS	STONE DHWL	STONE HEADWALL
HYD	HYD	HYDRANT
LPL	LPL	LIGHT POLE
CO. BO.	CO. BD.	COUNTY BOUND
GPS		GPS POINT
CMH		CABLE MANHOLE
D	D	DRAINAGE MANHOLE
EMH		ELECTRIC MANHOLE
GMH		GAS MANHOLE
MMH		MISC MANHOLE
OMH		OTHER MANHOLE
S	S	SEWER MANHOLE
TMH		TELEPHONE MANHOLE
WMH		WATER MANHOLE
MHB	MHB	MHD BOUND
MON	MON	MONUMENT
SB	SB	STONE BOUND
TOWN OR CITY BD.	TOWN OR CITY BD.	TOWN OR CITY BOUND
△	TSN	TRAVERSE OR TRIANGULATION STATION
TPL OR GUY	TPL OR GUY	TROLLEY POLE OR GUY POLE
TRNP		TRANS. POLE
UFB	UFB	UP W ITH FIREBOX
LPDL	LPDL	POLE WITH DOUBLE LIGHT
ULT	ULT	UP W ITH 1 LIGHT
UPL	UPL	UTILITY POLE
BUSH	BUSH	BUSH
TREE	TREE	TREE
STUMP		STUMP
		SWAMP / MARSH
WG	WG	WATER GATE
FA	FA	FIRE ALARM BOX
PM	PM	PARKING METER
		ELECTRICAL GROUND
GV	GV	GATE VALVE
		RIP RAP
		OVERHEAD CABLE
		DIRECT BURIAL CABLE
		CURBING
185	185	CONTOURS
D	D	DRAIN PIPE (DOUBLE LINE 24 INCH AND OVER)
E	E	ELECTRIC DUCT " "
G	G	GAS MAIN " "
S	S	SEWER MAIN " "
T	T	TELEPHONE DUCT " "
W	W	WATER MAIN " "
		BALANCE STONE WALL
		CULVERT
		BICYCLE SAFETY FENCE / HIGHWAY GUARD
		GUTTER LINE AT DRIVEWAYS
		CHAIN LINK FENCE
		STOCKADE FENCE

GENERAL SYMBOLS (CONT.)

EXISTING	PROPOSED	
		COMPOST FILTER TUBE / SEDIMENTATION FENCE
		RETAINING WALL
		TREE LINE OR LIMIT OF CLEARING AND GRUBBING
		SAWCUT LINE
		TOP OR BOTTOM OF SLOPE
		LIMIT OF EDGE OF PAVEMENT OR COLD PLANE & OVERLAY
		BANK OF RIVER OR STREAM
△WF-#		BORDER OF WETLAND
		100 FT WETLAND OR 200 FT RIVERFRONT BUFFER
SHLO		STATE HIGHWAY LAYOUT
		TOWN OR CITY LAYOUT
		COUNTY LAYOUT
R.R S/L		RAILROAD SIDELINE
		TOWN OR CITY BOUNDARY LINE
℄ OR APPROX. ℄		PROPERTY LINE OR APPROXIMATE PROPERTY LINE
		EASEMENT

CONVENTIONAL SIGNS



PAVEMENT MARKINGS SYMBOLS

EXISTING	PROPOSED	
ONLY		PAVEMENT ARROW - WHITE
	ONLY	LEGEND "ONLY" - WHITE
	SL	STOP LINE - 12"
	CW	CROSSWALK
	SWL	SOLID WHITE LINE - 6"
	SYL	SOLID YELLOW LINE - 6"
	BWL	BROKEN WHITE LINE (10' LINE, 30' SPACE TYP.)
	BYL	BROKEN YELLOW LINE (10' LINE, 30' SPACE TYP.) - 6"
	DWL	DOTTED WHITE LINE - 6" (2' LINE, 4' SPACE)
	DYL	DOTTED YELLOW LINE - 6" (3' LINE, 9' SPACE)
	DBYL	DOUBLE YELLOW LINE - 6"
	SWCHL	SOLID WHITE CHANNELIZATION LINE - 8"
	WGL	WHITE GORE LINE - 12"
		DIRECTION OF TRAFFIC FLOW

TREE SYMBOLS & ABBREVIATION

	ASPEN	ASPEN
	ARBOR	ARBORVITAE
	BOAK	BLACK OAK
	CHERRY	CHERRY
	DOG	DOGWOOD
	INK	INKBERRY BUSH
	JMAPLE	JAPANESE MAPLE
	RBIRCH	RIVER BIRCH
	RM	RED MAPLE
	SHRUB	SHRUB
	SMAPLE	SILVER MAPLE
	TUPELO	TUPELO
	WOAK	WHITE OAK
	WP	WHITE PINE

ABBREVIATIONS

GENERAL

AADT	ANNUAL AVERAGE DAILY TRAFFIC
ABAN	ABANDON
ADJ	ADJUST
APPROX	APPROXIMATE
A.C.	ASPHALT CONCRETE
ACCM PIPE	ASPHALT COATED CORRUGATED METAL PIPE
BB	BRIDGE BORING
BIT	BITUMINOUS
BC	BOTTOM OF CURB
BD	BOUND
BL	BASELINE
BLDG	BUILDING
BM	BENCH MARK
BO	BY OTHERS
BOS	BOTTOM OF SLOPE
BR	BRIDGE
CB	CATCH BASIN
CBCI	CATCH BASIN WITH CURB INLET
CC	CEMENT CONCRETE
CCB	CAPE COD BERM
CCM	CEMENT CONCRETE MASONRY
CEM	CEMENT
CI	CURB INLET
CIP	CAST IRON PIPE
CLF	CHAIN LINK FENCE
CL	CENTERLINE
CMP	CORRUGATED METAL PIPE
CSP	CORRUGATED STEEL PIPE
CO	COUNTY
CONC	CONCRETE
CONT	CONTINUED
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
EB	EASTBOUND
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
FES	FLARED END SECTION
FDN	FOUNDATION
FLDSTN	FIELDSTONE
GAR	GARAGE
GD	GROUND
GG	GAS GATE
GI	GUTTER INLET
GIP	GALVANIZED IRON PIPE
GRAN	GRANITE
GRAV	GRAVEL
GRD	GUARD
HDW	HEADWALL
HMA	HOT MIX ASPHALT
HOR	HORIZONTAL
HYD	HYDRANT
INV	INVERT
JCT	JUNCTION
K	TRUCK PERCENTAGE
L&S	LOAM & SEED
L	LENGTH OF CURVE
LB	LEACHING BASIN
LP	LIGHT POLE
LT	LEFT
M.A.	MAST ARM
MAX	MAXIMUM
MB	MAIL BOX
MH	MANHOLE
MHB	MASSACHUSETTS HIGHWAY BOUND
MIN	MINIMUM
NB	NORTHBOUND
NIC	NOT IN CONTRACT
NO.	NUMBER
PC	POINT OF CURVATURE
PCC	POINT OF COMPOUND CURVATURE
PERM	PERMANENT
PGL	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
PUE	PUBLIC UTILITY EASEMENT
PVC	POINT OF VERTICAL CURVATURE
PVI	POINT OF VERTICAL INTERSECTION
PVT	POINT OF VERTICAL TANGENCY
PVMT	PAVEMENT

GENERAL (CONT.)

PWW	PAVED WATER WAY
R	RADIUS OF CURVATURE
R&D	REMOVE AND DISPOSE
RB	ROAD BORING
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	SOUTHBOUND
SGC	SLOPED GRANITE CURB
SHLD	SHOULDER
SHLO	STATE HIGHWAY LAYOUT LINE
SMH	SEWER MANHOLE
ST	STREET
STA	STATION
STN	STONE
STNB	STONE BOUND
SW	SIDEWALK
T	TANGENT DISTANCE OF CURVE/
TAN	TANGENT
TEMP	TEMPORARY
TC	TOP OF CURB
TOS	TOP OF SLOPE
TYP	TYPICAL
UP	UTILITY POLE
VAR	VARIES
VERT	VERTICAL
VC	VERTICAL CURVE
VGC	VERTICAL GRANITE CURB
WB	WALL BORING
WCR	WHEELCHAIR RAMP
WG	WATER GATE
WIP	WROUGHT IRON PIPE
WM	WATER METER/WATER MAIN
X-SECT	CROSS SECTION

TOWN OF MARION
SHARED-USE PATH - PHASE 1

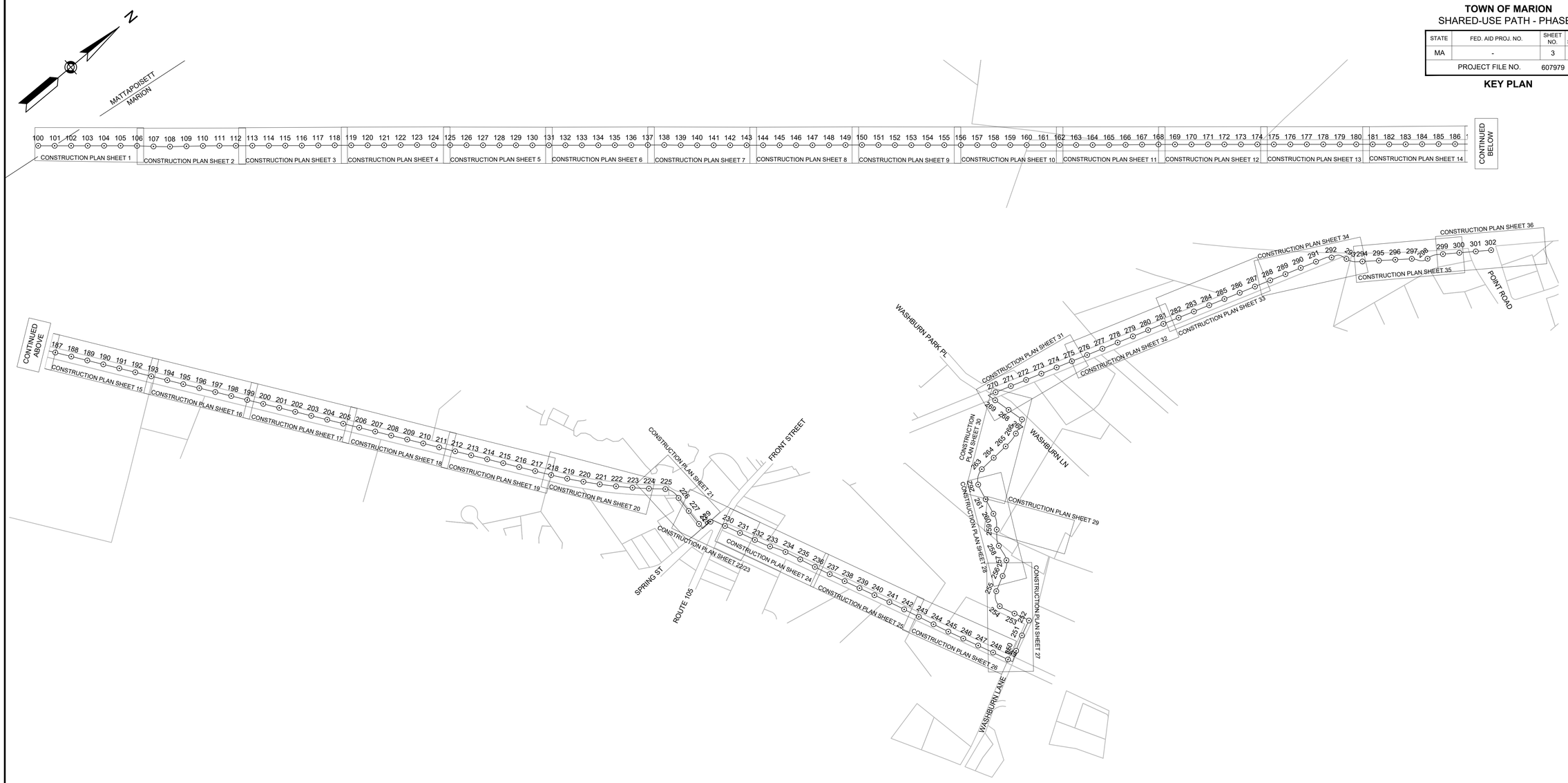
STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	2	274
PROJECT FILE NO.	607979		

LEGEND & ABBREVIATIONS

TOWN OF MARION
SHARED-USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	3	274
PROJECT FILE NO.	607979		

KEY PLAN



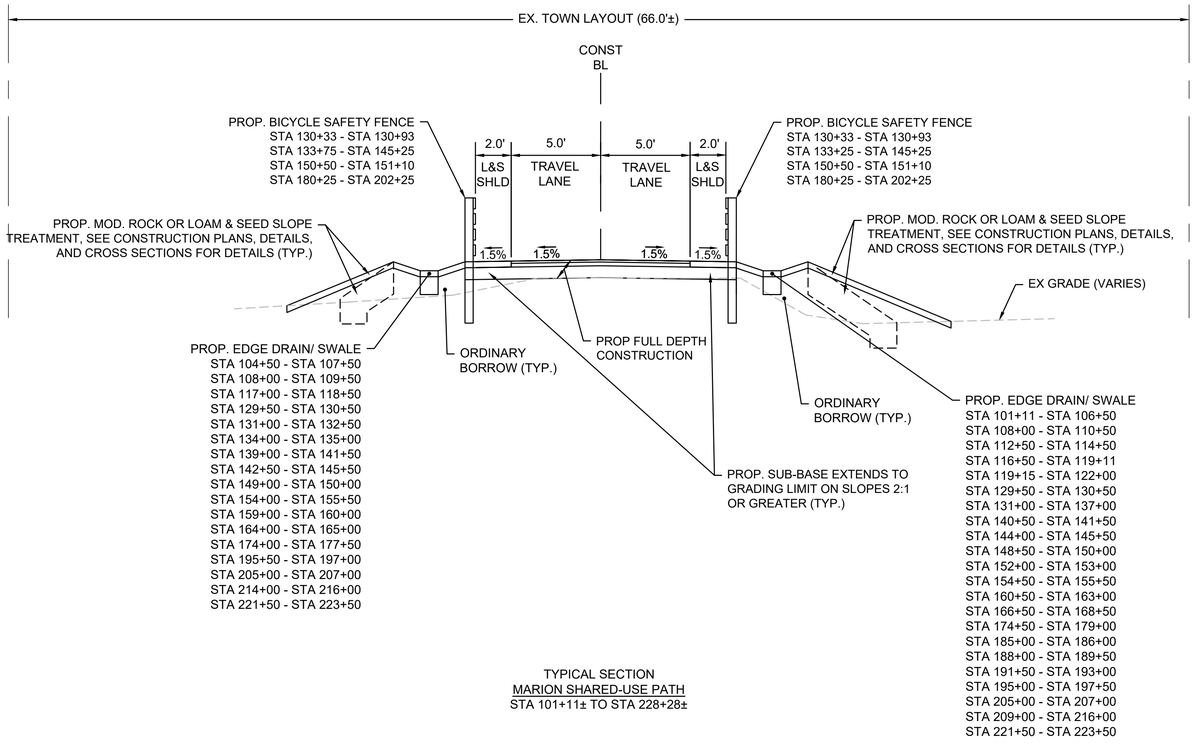
GENERAL NOTES:

1. THE SURVEY BASE PLAN WAS PREPARED BY FOTH INFRASTRUCTURE & ENVIRONMENT, LLC IN JULY 2016-SEPTEMBER 2016, MAY 2019, DECEMBER 2019, JANUARY 2020, JUNE 2020, AND OCTOBER 2020. WETLAND FLAG LINE R WAS REVISED BY JOHN ROCKWELL IN SEPTEMBER 2023.
2. ELEVATIONS SHOWN ARE IN FEET AND TENTHS AND REFERENCE NAVD 88, COORDINATES SHOWN ARE REFERENCED TO MASSACHUSETTS STATE PLAN COORDINATE SYSTEM MAINLAND ZONE NAD83.
3. THE LOCATIONS OF EXISTING UTILITIES ARE SHOWN IN AN APPROXIMATE WAYONLY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR ITS REPRESENTATIVE. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK, AND SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.
4. WHERE AN EXISTING UTILITY IS FOUND TO CONFLICT WITH THE PROPOSED WORK, THE LOCATION, ELEVATION AND SIZE OF THE UTILITY SHALL BE ACCURATELY DETERMINED WITHOUT DELAY BY THE CONTRACTOR, AND THE INFORMATION FURNISHED TO THE ENGINEER FOR RESOLUTION OF THE CONFLICT AT NO ADDITIONAL COST TO THE OWNER.
5. THE CONTRACTOR SHALL MAKE ALL ARRANGEMENTS FOR THE ALTERATION AND ADJUSTMENT OF GAS, ELECTRIC, TELEPHONE AND ANY OTHER PRIVATE UTILITIES BY THE UTILITY COMPANIES.
6. EXISTING UTILITY POLES WILL BE RELOCATED BY OTHERS, IF NECESSARY.
7. DRAINAGE ELEVATIONS ARE PROVIDED FOR DESIGN PURPOSES ONLY. THE CONTRACTOR SHALL VERIFY BY TEST PIT, THE LOCATIONS OF EXISTING UTILITIES WHICH MAY CONFLICT WITH THE PROPOSED DRAINAGE DESIGN. ANY FIELD ADJUSTMENTS REQUIRED WILL BE MADE AS APPROVED OR DIRECTED BY THE ENGINEER. ONLY AFTER THE CONTRACTOR VERIFIES ELEVATIONS FOR THE CONSTRUCTABILITY OF THE DRAINAGE SYSTEM SHALL ANY STRUCTURES BE ORDERED. ANY FIELD ADJUSTMENTS TO LINE & GRADE UP TO A DEPTH OF 5' SHALL BE INCLUDED IN THE COST OF THE PIPE. PIPE EXCAVATION GREATER THAN 5' WILL BE PAID UNDER CLASS B TRENCH EXCAVATION.
8. AREAS OUTSIDE THE LIMITS OF PROPOSED WORK DISTURBED BY THE CONTRACTOR'S OPERATIONS SHALL BE RESTORED BY THE CONTRACTOR TO THEIR ORIGINAL CONDITION AT NO EXPENSE TO THE OWNER.
9. THE TERM "PROPOSED" (PROP) MEANS WORK TO BE CONSTRUCTED USING NEW MATERIALS OR, WHERE APPLICABLE, RE-USING EXISTING MATERIALS IDENTIFIED AS "REMOVE AND RESET" (R&R).
10. JOINTS BETWEEN NEW BITUMINOUS CONCRETE ROADWAY PAVEMENT AND SAW CUT EXISTING PAVEMENT SHALL BE SEALED WITH HMA JOINT SEALANT AND BACKSANDED.
11. ALL EXISTING SIGNS WITHIN THE PROJECT LIMITS SHALL BE REMOVED AND RESET UNLESS INDICATED OTHERWISE ON THE DRAWINGS.
12. ALL DRAINAGE PIPES SHALL BE INSTALLED WITH A PITCH OF .01 FEET PER FOOT (MINIMUM) UNLESS NOTED OTHERWISE ON THE DRAWINGS.
13. EXISTING SEWER, WATER SERVICE, AND DRAINAGE INFORMATION SHOWN AS PROVIDED BY THE TOWN OF MARION. ALL EXISTING UTILITY INFORMATION SHOWN TO BE VERIFIED BY THE CONTRACTOR DURING CONSTRUCTION.

TOWN OF MARION
SHARED USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	4	274
PROJECT FILE NO.	607979		

TYPICAL SECTIONS
SHEET 1 OF 4



TYPICAL SECTION
MARION SHARED-USE PATH
STA 101+11± TO STA 228+28±

NOTES
1. ALL CROSS SLOPES SHOWN ARE SUBJECT TO A CONSTRUCTION TOLERANCE OF +/- 0.5%

PROPOSED PAVEMENT NOTES

SHARED-USE PATH
1.5-INCH SUPERPAVE SURFACE COURSE 9.5 (SSC-9.5) OVER
ASPHALT EMULSION FOR TACK COAT OVER
2.5-INCH SUPERPAVE INTERMEDIATE COURSE 19.0 (SIC-19.0) OVER
8 INCHES GRAVEL BORROW TYPE b FOR LEVELING OVER
EX. RAILROAD BED

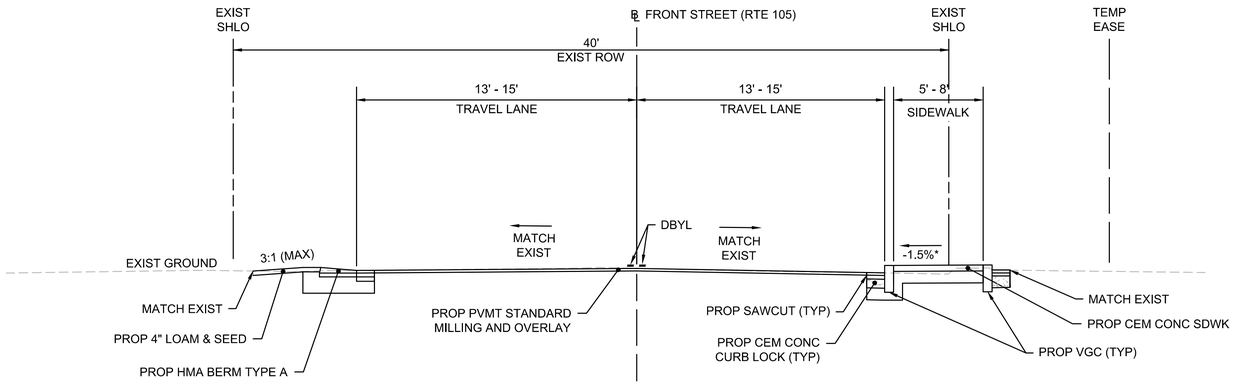
HOR. SCALE IN FEET
4 0 4 8
VER. SCALE IN FEET
4 0 4 8

TOWN OF MARION
SHARED-USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	5	274
PROJECT FILE NO.	607979		

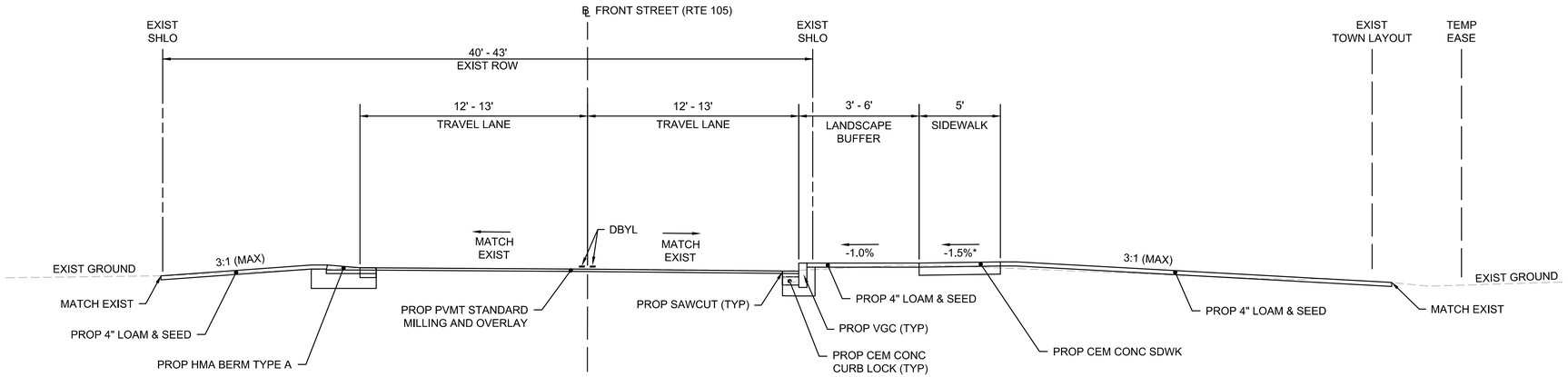
FRONT ST (RTE 105) AT SPRING ST
TYPICAL SECTIONS
SHEET 2 OF 4

Plotted on 20-Oct-2023 4:22 PM
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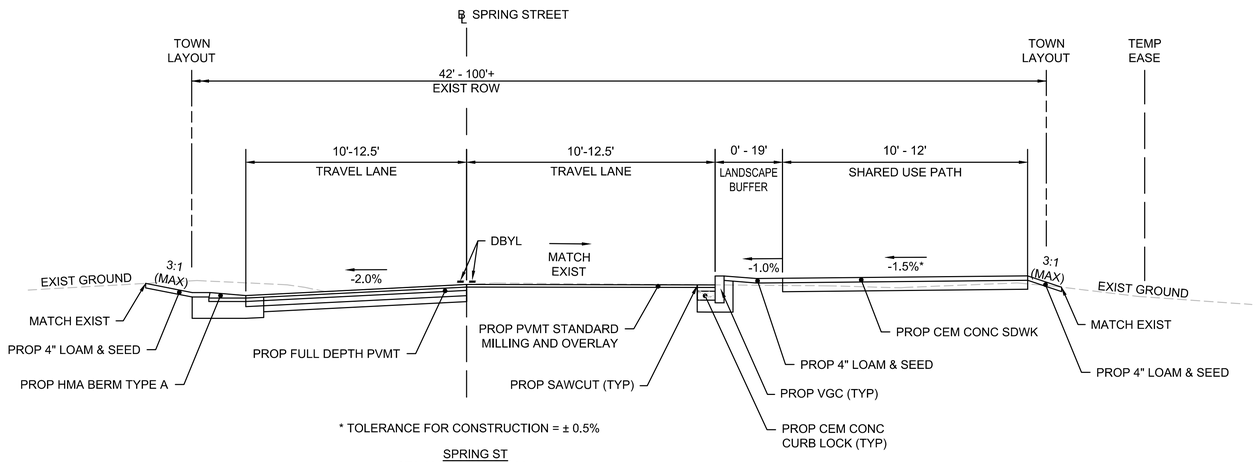
* TOLERANCE FOR CONSTRUCTION = ± 0.5%

FRONT ST (RTE 105)
STA 100+53 TO STA 101+75



* TOLERANCE FOR CONSTRUCTION = ± 0.5%

FRONT ST (RTE 105)
STA 101+75 TO STA 103+00



* TOLERANCE FOR CONSTRUCTION = ± 0.5%

SPRING ST
STA 200+22 TO STA 201+18

PAVEMENT NOTES

PROPOSED FULL DEPTH PAVEMENT (GREATER THAN FOUR FEET WIDE)

SURFACE: 1.75" SUPERPAVE SURFACE COURSE 12.5 (SSC-12.5) OVER ASPHALT EMULSION FOR TACK COAT (RS-1H) OVER 2.25" SUPERPAVE INTERMEDIATE COURSE - 12.5 (SIC-12.5) OVER ASPHALT EMULSION FOR TACK COAT (RS-1H)

BASE: 3.5" SUPERPAVE BASE COURSE 25.0 (SBC-25.0) OVER

SUBBASE: 4" DENSE GRADED CRUSHED STONE FOR LEVELING OVER EXISTING GRAVEL SUBGRADE (COMPACTED) OR 8" GRAVEL BORROW (TYPE B)

PROPOSED PAVEMENT STANDARD MILLING AND OVERLAY

SURFACE: 1.75" SUPERPAVE SURFACE COURSE 12.5 (SSC-12.5) OVER ASPHALT EMULSION FOR TACK COAT (RS-1H)

1.75" PAVEMENT STANDARD MILLING

PROPOSED CEMENT CONCRETE SIDEWALK, CURB RAMPS AND ISLAND

SURFACE: 4" CEMENT CONCRETE (4,000 PSI, 3/4", 610) OVER

FOUNDATION: 8" GRAVEL BORROW (TYPE b)

PROPOSED CEMENT CONCRETE DRIVEWAY

SURFACE: 6" CEMENT CONCRETE (4,000 PSI, 3/4", 610) OVER

FOUNDATION: 8" GRAVEL BORROW (TYPE b)

PROPOSED HOT MIX ASPHALT DRIVEWAY

SURFACE: 1.5" SUPERPAVE SURFACE COURSE 12.5 (SSC-12.5) OVER ASPHALT EMULSION FOR TACK COAT (RS-1H) OVER

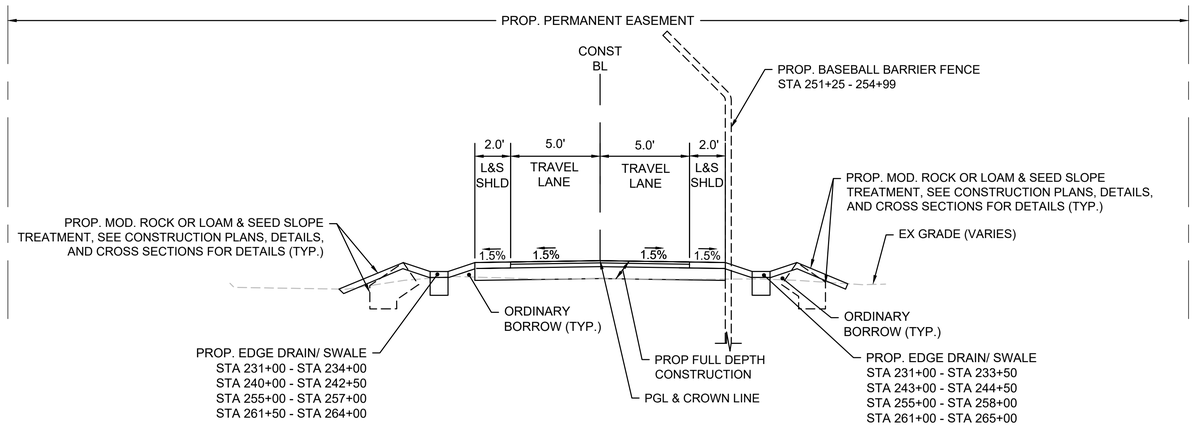
INTERMEDIATE: 2.5" SUPERPAVE SURFACE COURSE 12.5 (SSC-12.5) OVER

SUBBASE: 8" GRAVEL BORROW (TYPE b)

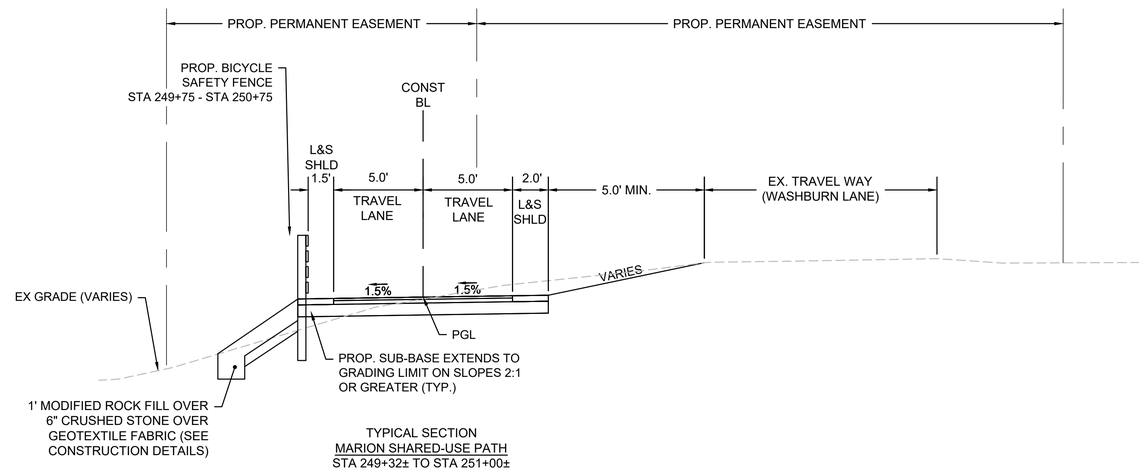
TOWN OF MARION
SHARED USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	6	274
PROJECT FILE NO.	607979		

TYPICAL SECTIONS
SHEET 3 OF 4



TYPICAL SECTION
MARION SHARED-USE PATH
STA 229+87± TO STA 249+32±
STA 251+00± TO STA 265+62±



TYPICAL SECTION
MARION SHARED-USE PATH
STA 249+32± TO STA 251+00±

NOTES
1. ALL CROSS SLOPES SHOWN ARE SUBJECT TO A CONSTRUCTION TOLERANCE OF +/- 0.5%

PROPOSED PAVEMENT NOTES

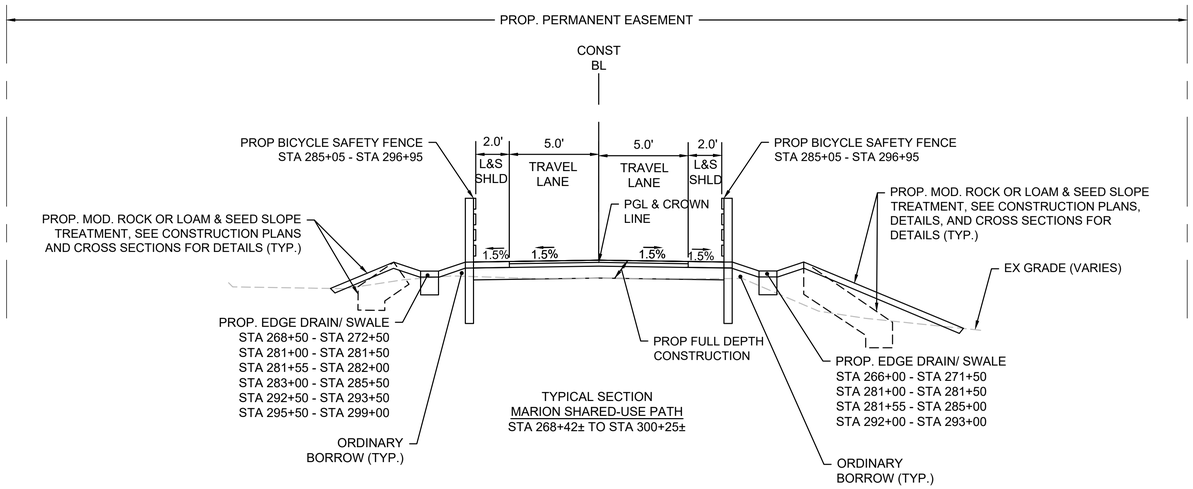
SHARED-USE PATH
1.5-INCH SUPERPAVE SURFACE COURSE 9.5 (SSC-9.5) OVER
ASPHALT EMULSION FOR TACK COAT OVER
2.5-INCH SUPERPAVE INTERMEDIATE COURSE 19.0 (SIC-19.0) OVER
8 INCHES GRAVEL BORROW TYPE b OVER
FINISH GRADE

HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

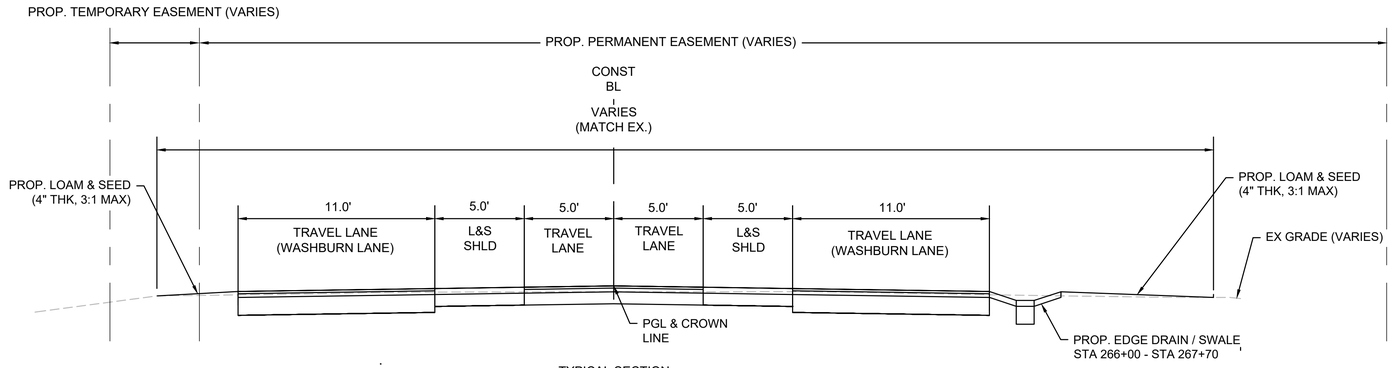
TOWN OF MARION
SHARED USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	7	274
PROJECT FILE NO.	607979		

TYPICAL SECTIONS
SHEET 4 OF 4



TYPICAL SECTION
MARION SHARED-USE PATH
STA 268+42± TO STA 300+25±



TYPICAL SECTION
MARION SHARED-USE PATH
STA 265+50± TO STA 267+70±

NOTES
1. ALL CROSS SLOPES SHOWN ARE SUBJECT TO A CONSTRUCTION TOLERANCE OF +/- 0.5%

PROPOSED PAVEMENT NOTES

SHARED-USE PATH
1.5-INCH SUPERPAVE SURFACE COURSE 9.5 (SSC-9.5) OVER
ASPHALT EMULSION FOR TACK COAT OVER
2.5-INCH SUPERPAVE INTERMEDIATE COURSE 19.0 (SIC-19.0) OVER
8 INCHES GRAVEL BORROW TYPE b OVER
FINISH GRADE

WASHBURN LANE & PARKING AREAS
1.5-INCH SUPERPAVE SURFACE COURSE 9.5 (SSC-9.5) OVER
ASPHALT EMULSION FOR TACK COAT OVER
2.5-INCH SUPERPAVE INTERMEDIATE COURSE 19.0 (SIC-19.0) OVER
12 INCHES GRAVEL BORROW TYPE b OVER
FINISH GRADE

HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

HIGHWAY GUARD DETAILS

(NONE)

TRAFFIC SIGNAL CONDUIT

(NONE)

WATER SUPPLY ALTERATIONS

(NONE)

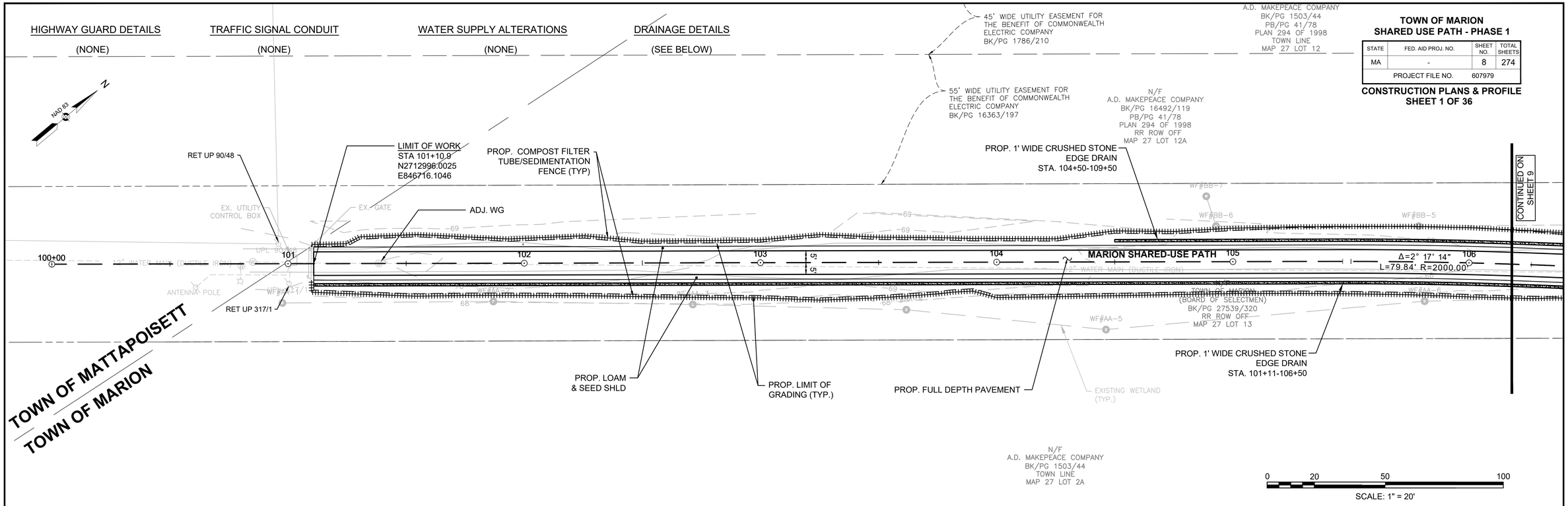
DRAINAGE DETAILS

(SEE BELOW)

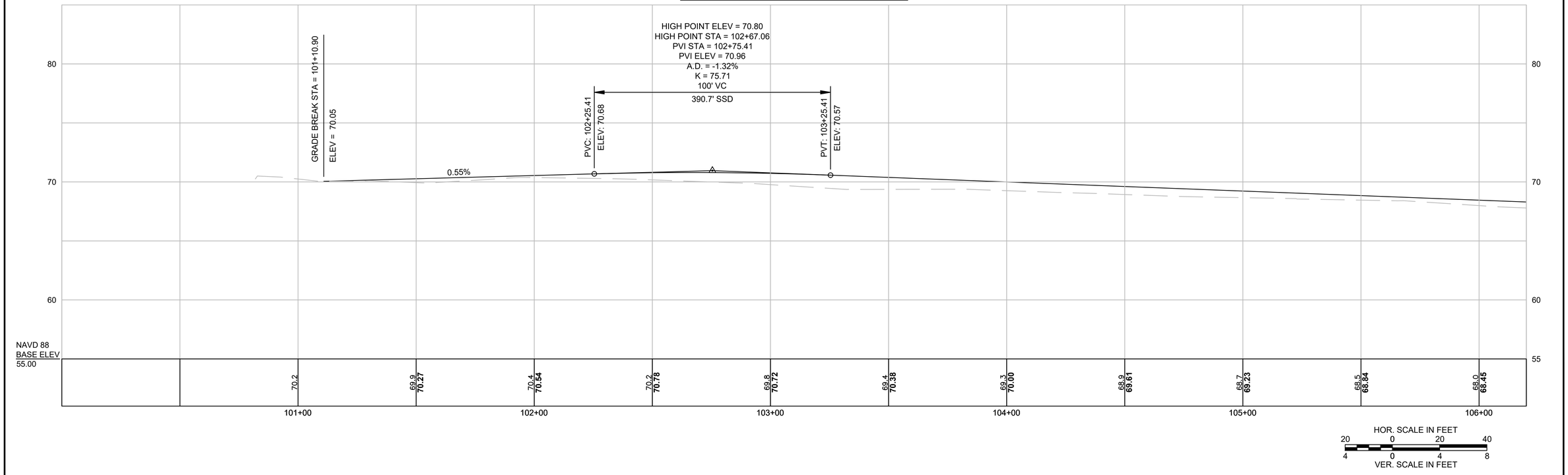
TOWN OF MARION SHARED USE PATH - PHASE 1			
STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	8	274
PROJECT FILE NO.	607979		

CONSTRUCTION PLANS & PROFILE
SHEET 1 OF 36

607979_CONST.DWG Plotted on 27-Oct-2023 2:54 PM



MARION SHARED-USE PATH



TOWN OF MARION
SHARED USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	9	274
PROJECT FILE NO.	607979		

CONSTRUCTION PLANS & PROFILE
SHEET 2 OF 36

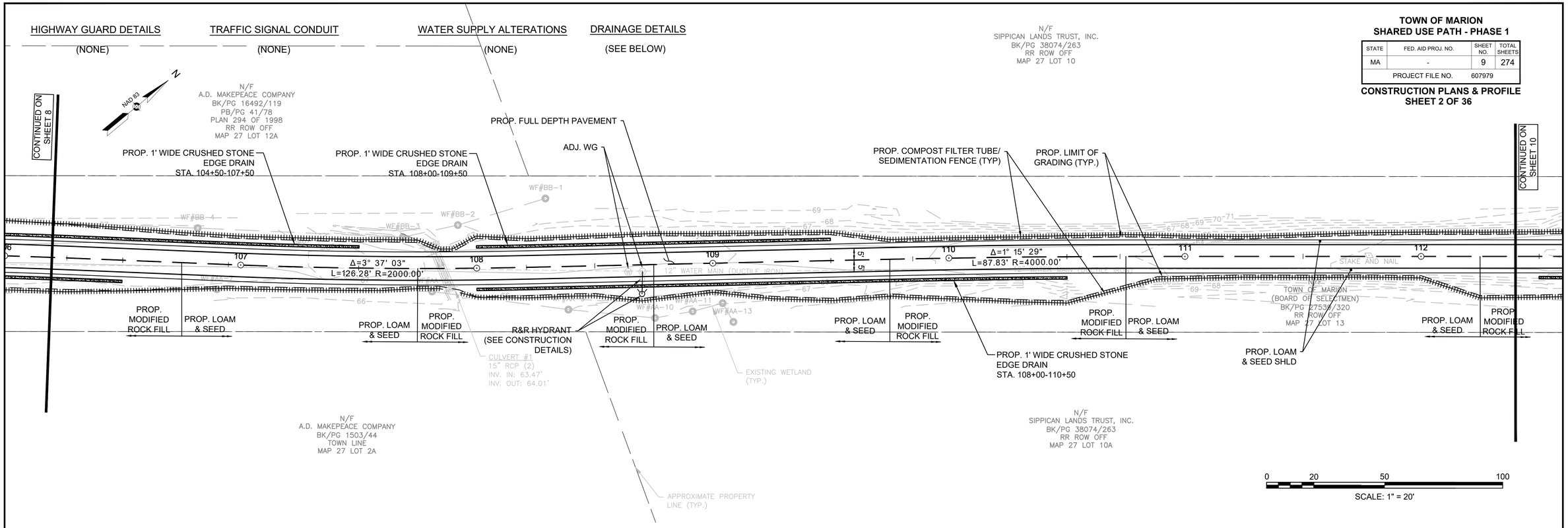
607979_CONST.DWG Plotted on 27-Oct-2023 2:54 PM

HIGHWAY GUARD DETAILS
(NONE)

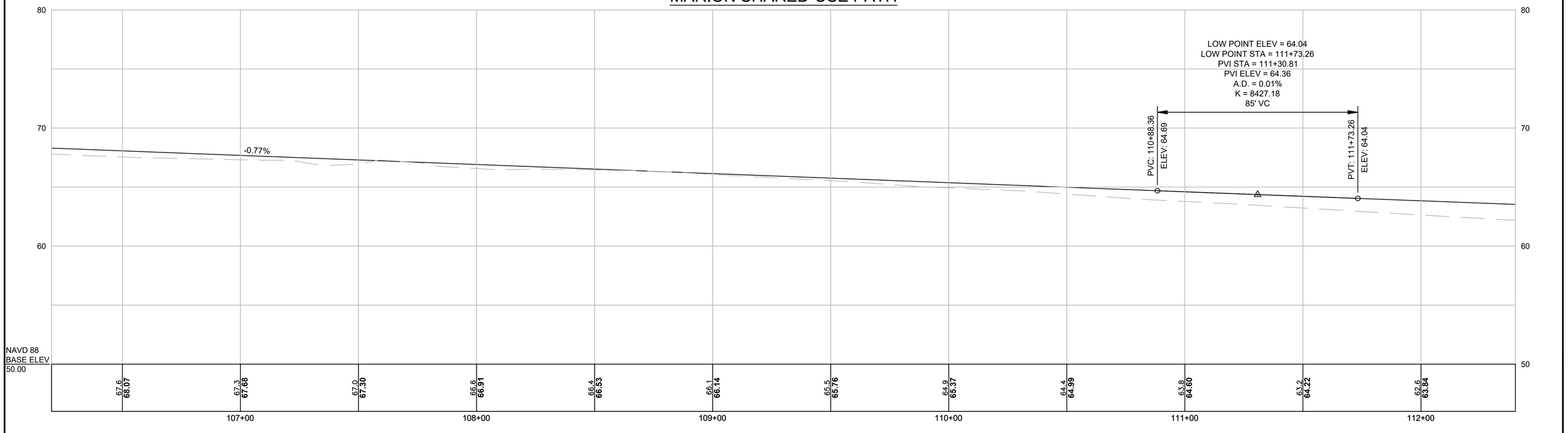
TRAFFIC SIGNAL CONDUIT
(NONE)

WATER SUPPLY ALTERATIONS
(NONE)

DRAINAGE DETAILS
(SEE BELOW)



MARION SHARED-USE PATH



TOWN OF MARION
SHARED USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	10	274
PROJECT FILE NO.	607979		

CONSTRUCTION PLANS & PROFILE
SHEET 3 OF 36

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607979_CONST.DWG

HIGHWAY GUARD DETAILS

(NONE)

TRAFFIC SIGNAL CONDUIT

(NONE)

WATER SUPPLY ALTERATIONS

(NONE)

DRAINAGE DETAILS

(SEE BELOW)

NAD 83

N

CONTINUED ON SHEET 9

N/F
SIPPICAN LANDS TRUST, INC.
BK/PG 38074/263
RR ROW OFF
MAP 27 LOT 10

PROP. COMPOST FILTER TUBE/SEDIMENTATION FENCE (TYP)

PROP. LOAM & SEED SHLD

PROP. BENCH

PROP. LIMIT OF GRADING (TYP.)

L=61.96' R=4500.00'
Δ=0° 47' 20"

PROP. 1' WIDE CRUSHED STONE EDGE DRAIN
STA. 117+00-118+50

CONTINUED ON SHEET 11

STAKE AND TAG

12" WATER MAIN (DUCTILE IRON)

PROP. MODIFIED ROCK FILL

PROP. 1' WIDE CRUSHED STONE EDGE DRAIN
STA. 112+50-114+50

PROP. MODIFIED ROCK FILL

PROP. LOAM & SEED

N/F
TOWN OF MARION
(BOARD OF SELECTMEN)
BK/PG 27539/320
RR ROW OFF
MAP 27 LOT 13

PROP. FULL DEPTH PAVEMENT

L=62.54' R=5000.00'
Δ=0° 43' 00"

PROP. 1' WIDE CRUSHED STONE EDGE DRAIN
STA. 116+50-119+11

ADJ. WG

ADJ. HYDRANT
(SEE CONSTRUCTION DETAILS)

EXISTING WETLAND (TYP.)

N/F
SIPPICAN LANDS TRUST, INC.
BK/PG 38074/263
RR ROW OFF
MAP 27 LOT 10A

0 20 50 100
SCALE: 1" = 20'

MARION SHARED-USE PATH

NAVD 88
BASE ELEV
50.00

113+00	114+00	115+00	116+00	117+00	118+00
62.1 / **63.46**	61.9 / **63.08**	61.7 / **62.70**	61.2 / **62.32**	60.6 / **61.94**	60.2 / **61.56**	59.8 / **61.17**	59.5 / **60.79**	59.2 / **60.41**	58.7 / **60.03**	58.3 / **59.65**	58.0 / **59.27**	57.9 / **58.89**

HOR. SCALE IN FEET
20 0 20 40
VER. SCALE IN FEET
4 0 4 8

HIGHWAY GUARD DETAILS

(NONE)

TRAFFIC SIGNAL CONDUIT

(NONE)

WATER SUPPLY ALTERATIONS

(NONE)

DRAINAGE DETAILS

(SEE BELOW)

TOWN OF MARION
SHARED USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	11	274
PROJECT FILE NO.	607979		

CONSTRUCTION PLANS & PROFILE
SHEET 4 OF 36

CONTINUED ON SHEET 10

CONTINUED ON SHEET 12

N/F
NEW BEDFORD GAS AND EDISON LIGHT COMPANY
BK/PG 1768/80
RR ROW OFF
MAP 27 LOT 12

N/F
SIPPICAN LANDS TRUST, INC.
BK/PG 35442/78
RR ROW OFF
MAP 27 LOT 13A

N/F
TOWN OF MARION
(BOARD OF SELECTMEN)
BK/PG 27833/301
RR ROW OFF
MAP 27 LOT 13

N/F
SIPPICAN LANDS TRUST, INC.
BK/PG 38074/267
RR ROW OFF
MAP 27 LOT 3

NAD 83

PROP. COMPOST FILTER TUBE/SEDIMENTATION FENCE (TYP)

PROP. LOAM & SEED SHLD

L=62.55' R=5000.00'
Δ=0° 43' 00"

PROP. 1' WIDE CRUSHED STONE EDGE DRAIN
STA. 119+15-122+00

L=80.60' R=5000.00'
Δ=0° 55' 25"

PROP. FULL DEPTH PAVEMENT

PROP. LIMIT OF GRADING (TYP.)

12" WATER MAIN (DUCTILE IRON)

PROP. 1' WIDE CRUSHED STONE EDGE DRAIN
STA. 119+15-122+00

EX. VERNAL POOL TO BE PROTECTED AT ALL TIMES DURING CONSTRUCTION. CONSTRUCTION ACTIVITIES/IMPACTS WITHIN THE LIMITS OF THE VERNAL POOL ARE STRICTLY PROHIBITED

VERNAL POOL
APPROX. 10'x20'x3'
41°41'39.37"N
70°47'52.76"W

PROP. SEDIMENTATION FENCE TO BE MAINTAINED 25' ON EITHER SIDE OF VERNAL POOL AT ALL TIMES DURING CONSTRUCTION

EXISTING WETLAND (TYP.)

WF#B-1 WF#B-2 WF#B-3 WF#B-4 WF#B-5 WF#B-6 WF#B-8 WF#B-9 WF#B-10

119 120 121 122 123 124

SCALE: 1" = 20'

MARION SHARED-USE PATH

-0.76%

119+00	120+00	121+00	122+00	123+00	124+00
57.1 / **56.51**	57.2 / **56.13**	56.8 / **57.75**	56.6 / **57.37**	56.2 / **56.99**	55.9 / **56.61**
55.5 / **56.23**	55.0 / **55.85**	54.6 / **55.47**	54.2 / **55.09**	53.7 / **54.71**	53.3 / **54.33**

NAVD 88
BASE ELEV
50.00

80 70 60 50

HOR. SCALE IN FEET
20 0 20 40

VER. SCALE IN FEET
4 0 4 8

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HIGHWAY GUARD DETAILS

SEE BELOW

TRAFFIC SIGNAL CONDUIT

(NONE)

WATER SUPPLY ALTERATIONS

(NONE)

DRAINAGE DETAILS

(SEE BELOW)

TOWN OF MARION
SHARED USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	12	274
PROJECT FILE NO.	607979		

CONSTRUCTION PLANS & PROFILE
SHEET 5 OF 36

CONTINUED ON SHEET 11

CONTINUED ON SHEET 13

N/F
SIPPICAN LANDS TRUST, INC.
BK/PG 35442/78
RR ROW OFF
MAP 27 LOT 14A

APPROXIMATE PROPERTY LINE (TYP.)

NAD 83

PROP. COMPOST FILTER TUBE/SEDIMENTATION FENCE (TYP)

PROP. LOAM & SEED SHLD

PROP. LIMIT OF GRADING (TYP.)

BEGIN BICYCLE SAFETY FENCE 130+33

PROP. 1' WIDE CRUSHED STONE EDGE DRAIN STA. 129+50-130+50

PROP. LOAM & SEED

PROP. MODIFIED ROCK FILL

WF#C-1

WF#C-2

WF#C-3

WF#C-4

WF#C-5

WF#C-6

125 126 127 128 129 130 131

Δ=0° 12' 49"
L=67.13' R=18000.00'

16" WATER MAIN (DUCTILE IRON)

5'

5'

TOWN OF MARION
(BOARD OF SELECTMEN)
BK/PG 27539/320
PARLOWTOWN ROAD OFF
MAP 25 LOT 32

R&R HYDRANT
(SEE CONSTRUCTION DETAILS)

ADJ. WG

PROP. FULL DEPTH PAVEMENT

PROP. BENCH

PROP. 1' WIDE CRUSHED STONE EDGE DRAIN STA. 129+50-130+50

PROP. LOAM & SEED

PROP. MODIFIED ROCK FILL

END BI
FENCE

CULVERT #2
34" CONC.
BOX CULVERT
INV. IN: 45.15'
INV. OUT: 45.14'

N/F
SIPPICAN LANDS TRUST, INC.
BK/PG 35442/78
RR ROW OFF
MAP 27 LOT 14B

N/F
SIPPICAN LANDS TRUST, INC.
BK/PG 31996/346
OLD TRAIL
MAP 27 LOT 15A

0 20 50 100
SCALE: 1" = 20'

MARION SHARED-USE PATH

HIGH POINT ELEV = 50.30
HIGH POINT STA = 129+79.66
PVI STA = 130+29.66
PVI ELEV = 49.92
A.D. = -0.53%
K = 188.60
100' VC
898.7' SSD

PVC: 129+79.66
ELEV: 50.30

PVT: 130+79.66
ELEV: 49.27

NAVD 88
BASE ELEV
40.00

125+00	126+00	127+00	128+00	129+00	130+00
52.9 / **53.95**	52.5 / **53.57**	52.1 / **53.19**	51.6 / **52.81**	51.5 / **52.43**	50.9 / **52.05**
50.5 / **51.67**	50.0 / **51.29**	49.5 / **50.91**	49.3 / **50.53**	49.0 / **50.13**	49.0 / **49.63**

70 60 50 40

HOR. SCALE IN FEET
20 0 20 40

4 0 4 8
VER. SCALE IN FEET

607979_CONST.DWG Plotted on 27-Oct-2023 2:54 PM

HIGHWAY GUARD DETAILS

SEE BELOW

TRAFFIC SIGNAL CONDUIT

(NONE)

WATER SUPPLY ALTERATIONS

(NONE)

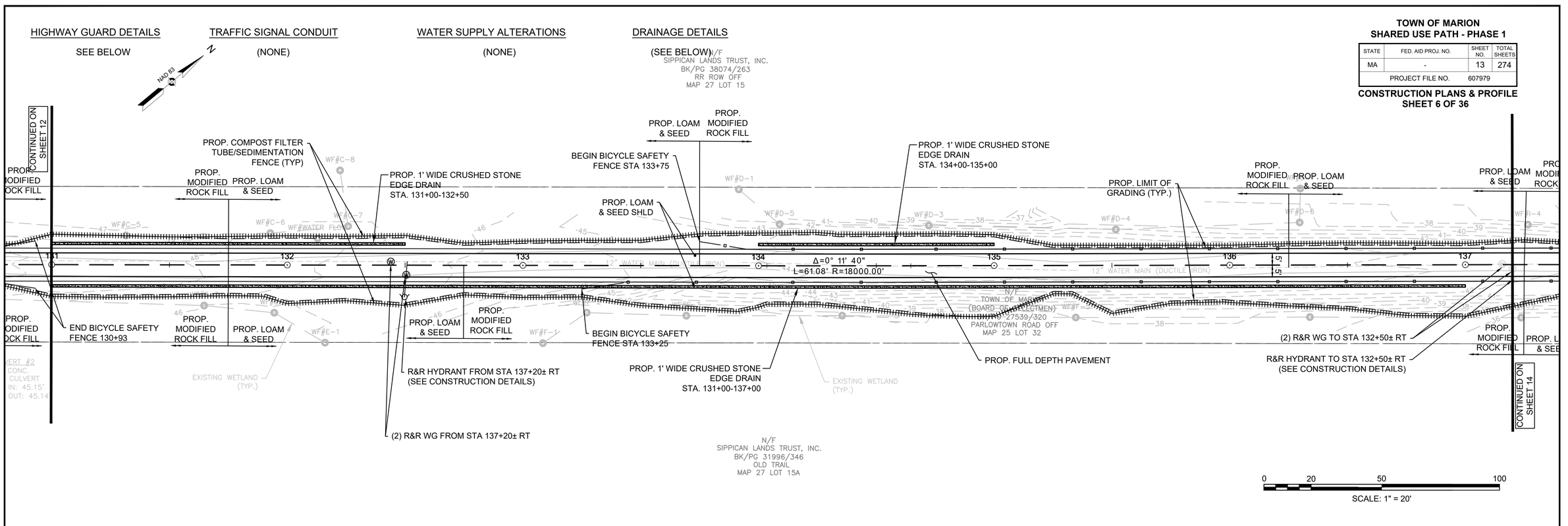
DRAINAGE DETAILS

(SEE BELOW)

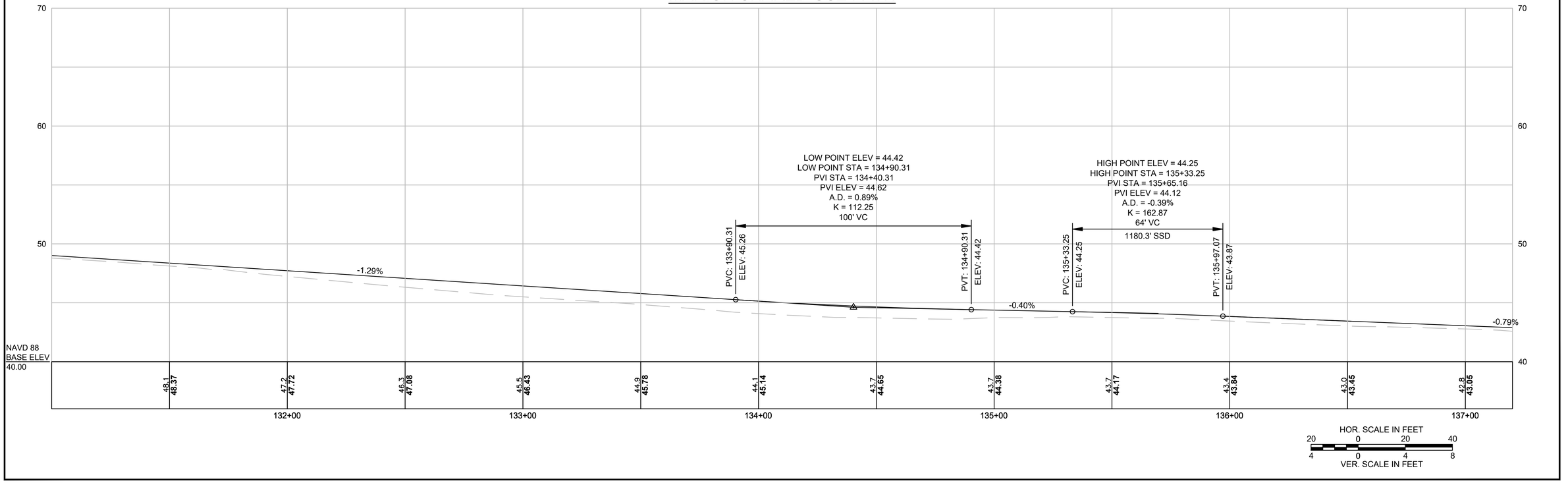
TOWN OF MARION
SHARED USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	13	274
PROJECT FILE NO.	607979		

CONSTRUCTION PLANS & PROFILE
SHEET 6 OF 36



MARION SHARED-USE PATH



607979_CONST.DWG Plotted on 27-Oct-2023 2:54 PM

HIGHWAY GUARD DETAILS

SEE BELOW

TRAFFIC SIGNAL CONDUIT

(NONE)

WATER SUPPLY ALTERATIONS

(NONE)

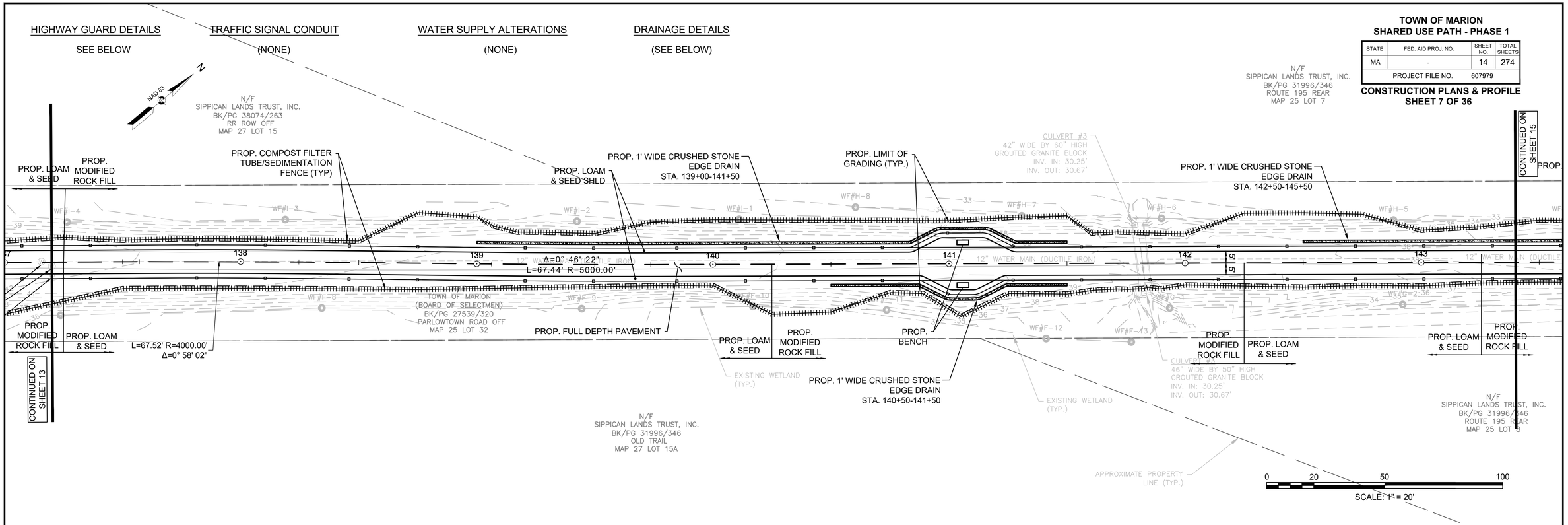
DRAINAGE DETAILS

(SEE BELOW)

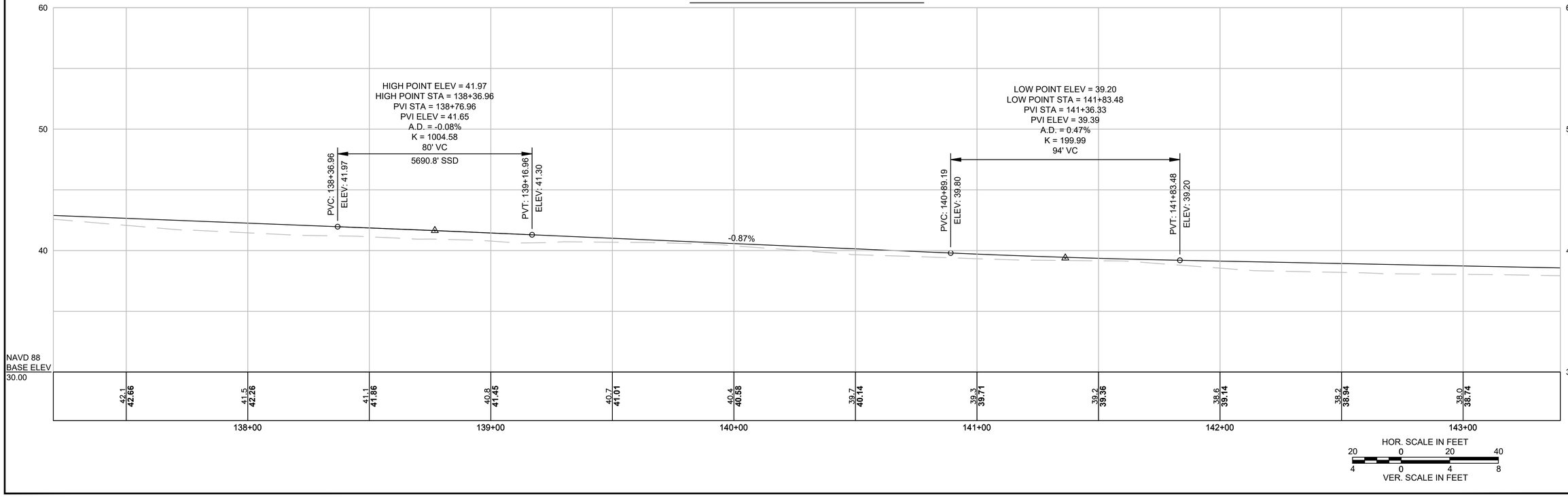
TOWN OF MARION
SHARED USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	14	274
PROJECT FILE NO.	607979		

CONSTRUCTION PLANS & PROFILE
SHEET 7 OF 36



MARION SHARED-USE PATH



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TOWN OF MARION
SHARED USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	15	274
PROJECT FILE NO.	607979		

CONSTRUCTION PLANS & PROFILE
SHEET 8 OF 36

Plotted on 27-Oct-2023 2:55 PM
607979_CONST.DWG

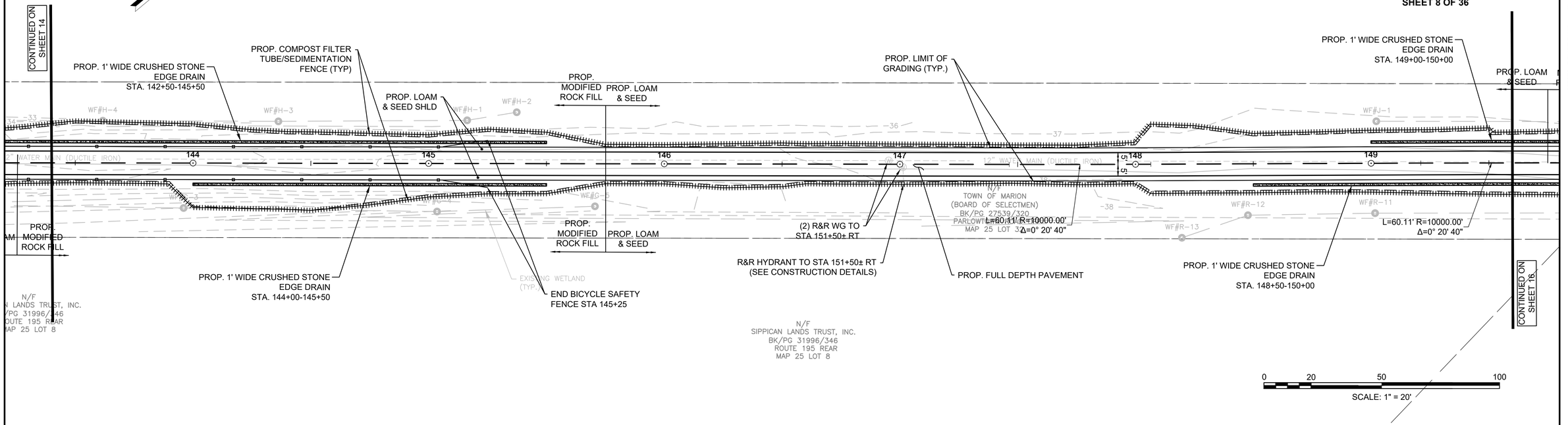
HIGHWAY GUARD DETAILS
SEE BELOW

TRAFFIC SIGNAL CONDUIT
(NONE)

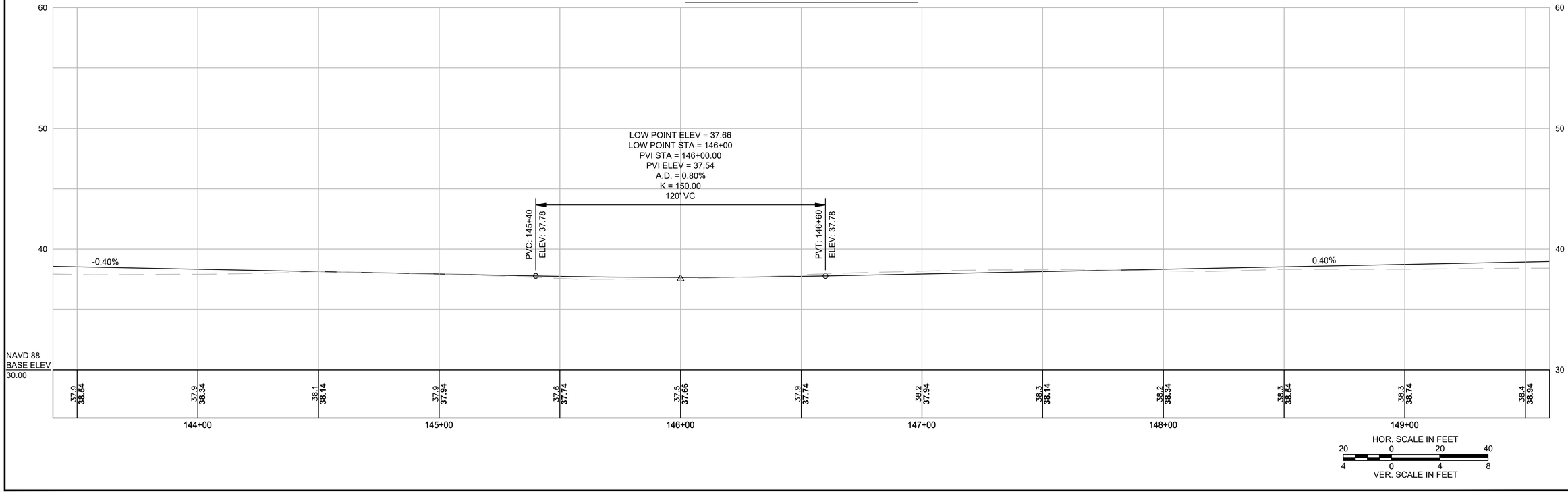
WATER SUPPLY ALTERATIONS
(NONE)

DRAINAGE DETAILS
(SEE BELOW)

NAD 83



MARION SHARED-USE PATH



HIGHWAY GUARD DETAILS

SEE BELOW

TRAFFIC SIGNAL CONDUIT

(NONE)

WATER SUPPLY ALTERATIONS

(NONE)

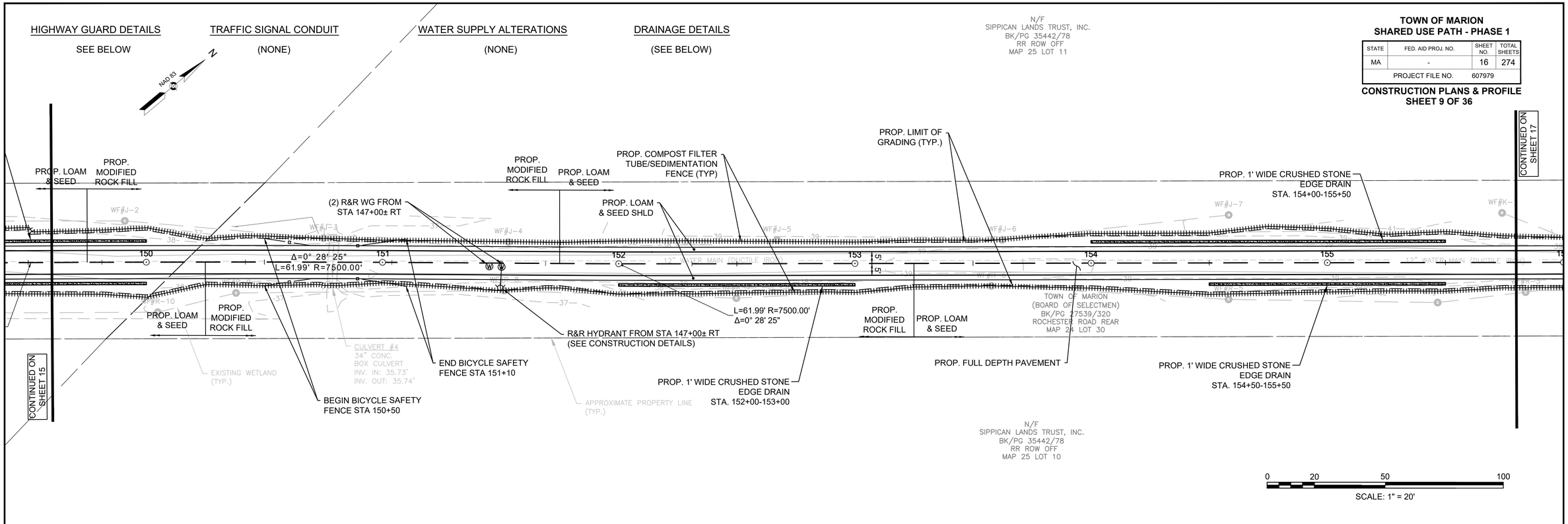
DRAINAGE DETAILS

(SEE BELOW)

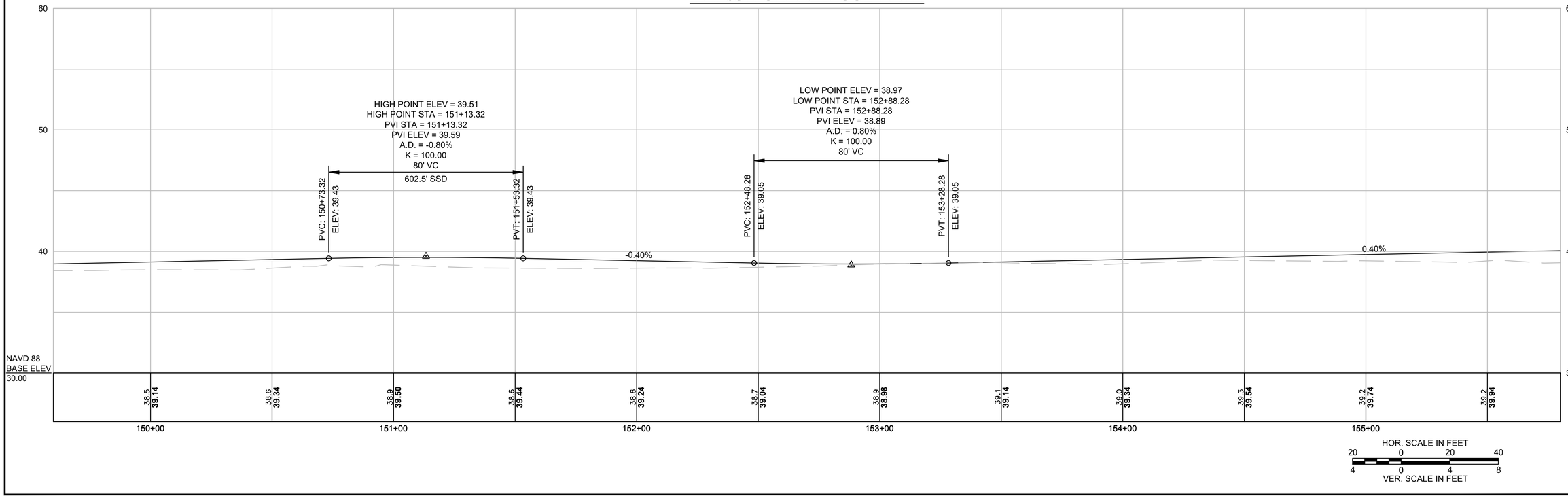
TOWN OF MARION
SHARED USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	16	274
PROJECT FILE NO.	607979		

CONSTRUCTION PLANS & PROFILE
SHEET 9 OF 36



MARION SHARED-USE PATH



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HIGHWAY GUARD DETAILS

(NONE)

TRAFFIC SIGNAL CONDUIT

(NONE)

WATER SUPPLY ALTERATIONS

(NONE)

DRAINAGE DETAILS

(SEE BELOW)

TOWN OF MARION
SHARED USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	17	274
PROJECT FILE NO.	607979		

CONSTRUCTION PLANS & PROFILE
SHEET 10 OF 36

607979_CONST.DWG Plotted on 27-Oct-2023 2:55 PM

N/F
SIPPICAN LANDS TRUST, INC.
BK/PG 35442/78
RR ROW OFF
MAP 25 LOT 11

N/F
WARREN H. HILLER
BK/PG 5055/417
ROUTE 195
MAP 25 LOT 12

CONTINUED ON SHEET 16

CONTINUED ON SHEET 18

PROP. COMPOST FILTER TUBE/SEDIMENTATION FENCE (TYP)

ADJ. WG

PROP. LIMIT OF GRADING (TYP.)

PROP. 1' WIDE CRUSHED STONE EDGE DRAIN
STA. 159+00-160+00

PROP. LOAM & SEED

PROP. MODIFIED ROCK FILL

PROP. MODIFIED ROCK FILL

PROP. LOAM & SEED

WF#K–

WF#K–3

WF#K–4

WF#L–1

WF#L–2

WF#L–3

WF#L–4

WF#L–5

156

157

158

159

160

161

162

DUCTILE IRON

12" WATER MAIN (DUCTILE IRON)

N/F
TOWN OF MARION
(BOARD OF SELECTMEN)
BK/PG 27539/320
ROCHESTER ROAD REAR
MAP 24 LOT 30

ADJ. HYDRANT
(SEE CONSTRUCTION DETAILS)

PROP. LOAM & SEED SHLD

PROP. BENCH

PROP. FULL DEPTH PAVEMENT

PROP. LOAM & SEED

PROP. MODIFIED ROCK FILL

PROP. 1' WIDE CRUSHED STONE EDGE DRAIN
STA. 160+50-163+00

EXISTING WETLAND (TYP.)

N/F
SIPPICAN LANDS TRUST, INC.
BK/PG 4772/428
PB/PL 21/343
PLAN 939 OF 1979
LUCE AVE OFF
MAP 24 LOT 13

N/F
SIPPICAN LANDS TRUST, INC.
BK/PG 35442/78
RR ROW OFF
MAP 25 LOT 10

0 20 50 100
SCALE: 1" = 20'

MARION SHARED-USE PATH

HIGH POINT ELEV = 40.61
HIGH POINT STA = 157+58.51
PVI STA = 157+58.36
PVI ELEV = 40.77
A.D. = -0.80%
K = 200.00
160' VC
643.4' SSD

PVC: 156+78.51
ELEV: 40.45

PVT: 158+38.21
ELEV: 40.45

NAVD 88
BASE ELEV
30.00

156+00	157+00	158+00	159+00	160+00	161+00
39.2 / 40.14	39.5 / 40.52	39.4 / 40.57	39.4 / 40.20	39.1 / 39.81	39.0 / 39.21
39.4 / 40.34	39.5 / 40.61	39.3 / 40.40	39.0 / 40.01	39.1 / 39.61	38.8 / 39.41

60 50 40 30

HOR. SCALE IN FEET
20 0 20 40

VER. SCALE IN FEET
4 0 4 8

HIGHWAY GUARD DETAILS

(NONE)

TRAFFIC SIGNAL CONDUIT

(NONE)

WATER SUPPLY ALTERATIONS

(NONE)

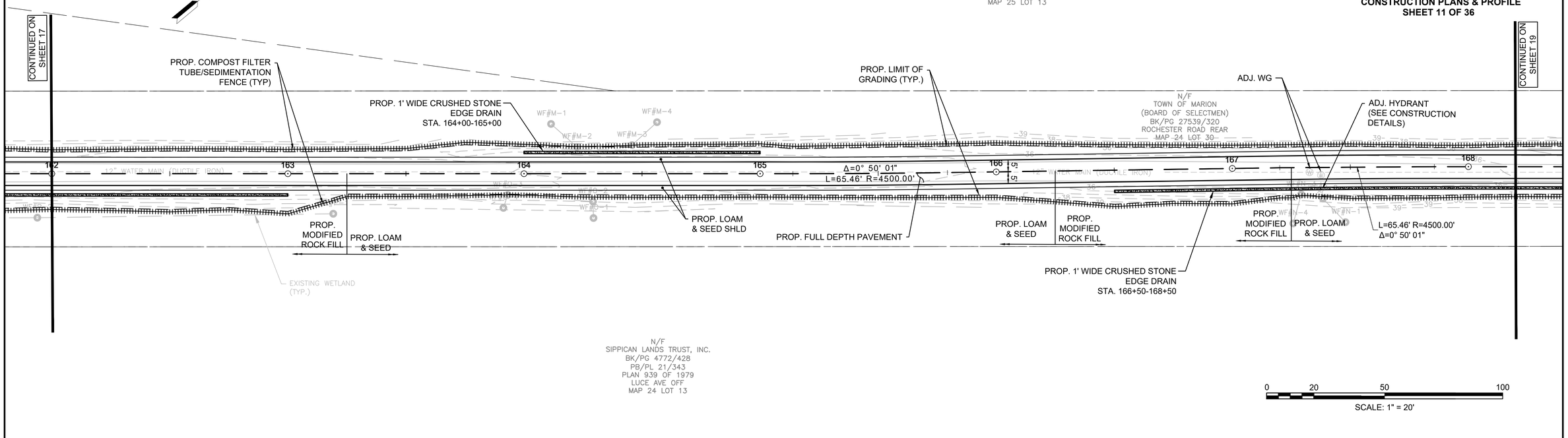
DRAINAGE DETAILS

(SEE BELOW)

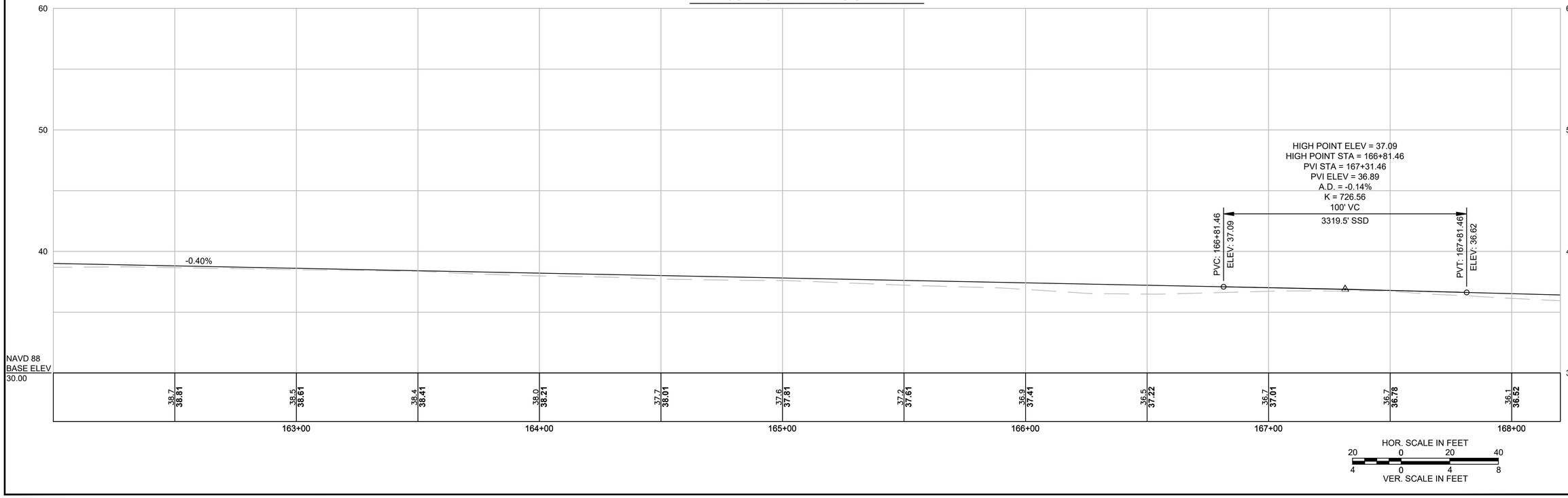
TOWN OF MARION
SHARED USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	18	274
PROJECT FILE NO.	607979		

CONSTRUCTION PLANS & PROFILE
SHEET 11 OF 36



MARION SHARED-USE PATH



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HIGHWAY GUARD DETAILS

(NONE)

TRAFFIC SIGNAL CONDUIT

(NONE)

WATER SUPPLY ALTERATIONS

(NONE)

DRAINAGE DETAILS

(SEE BELOW)

N/F
SIPPICAN LANDS TRUST, INC.
BK/PG 35442/78
PARLOWTOWN RD
MAP 25 LOT 13

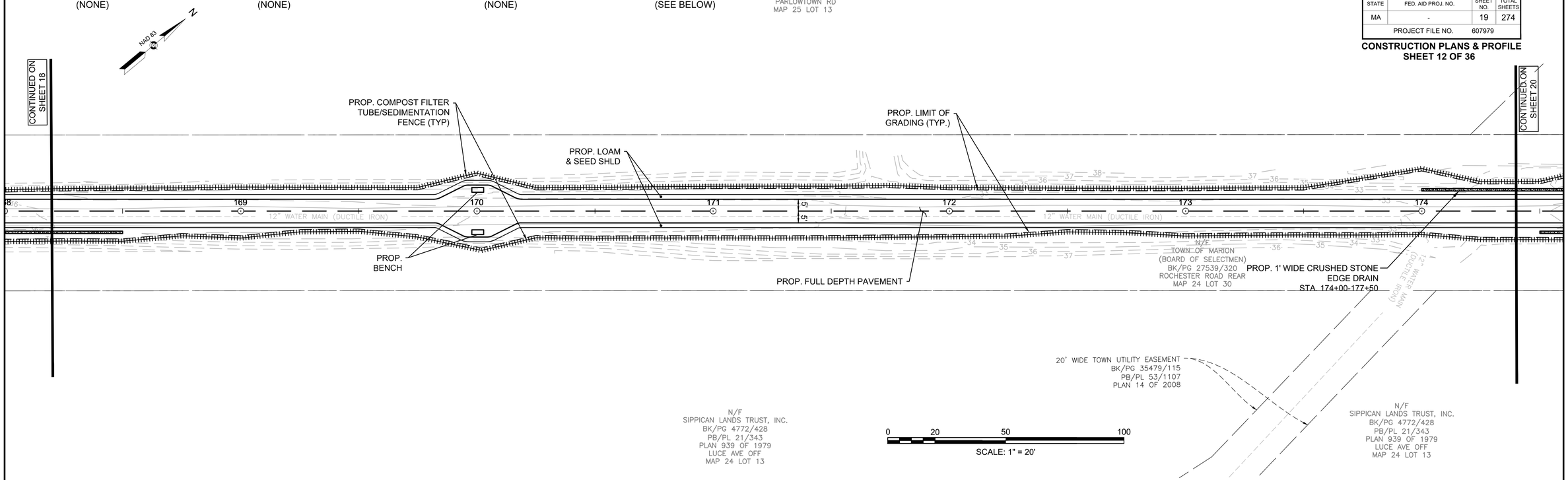
TOWN OF MARION
SHARED USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	19	274
PROJECT FILE NO.	607979		

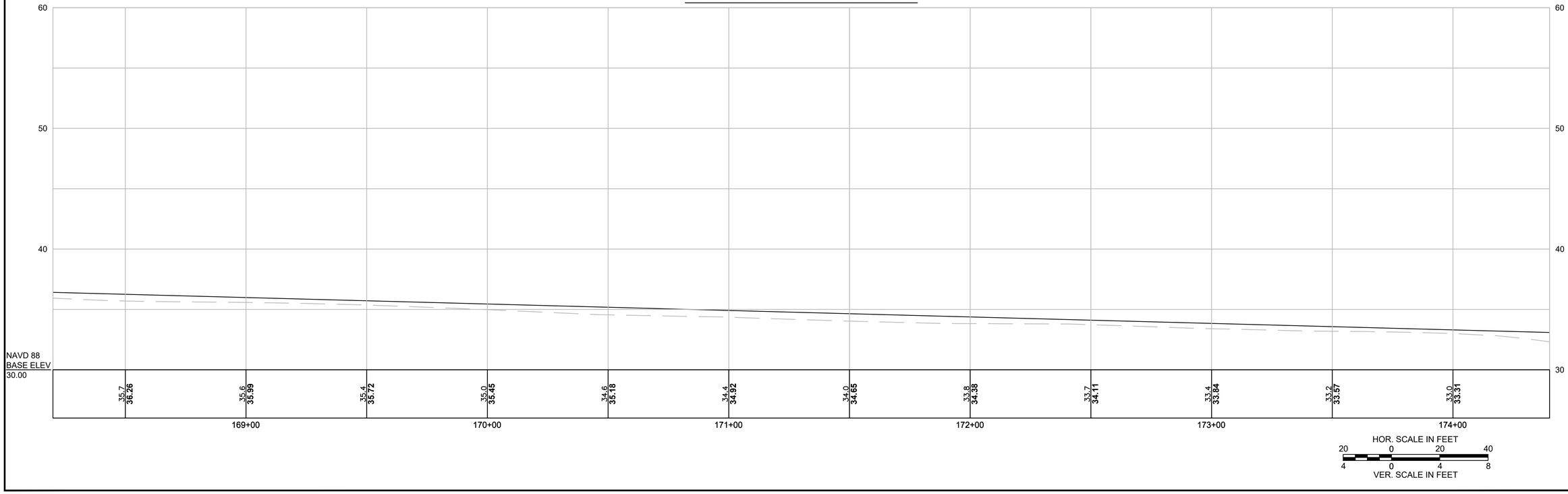
CONSTRUCTION PLANS & PROFILE
SHEET 12 OF 36

Plotted on 27-Oct-2023 2:55 PM

607979_CONST.DWG



MARION SHARED-USE PATH



HIGHWAY GUARD DETAILS

(NONE)

TRAFFIC SIGNAL CONDUIT

(NONE)

WATER SUPPLY ALTERATIONS

(NONE)

DRAINAGE DETAILS

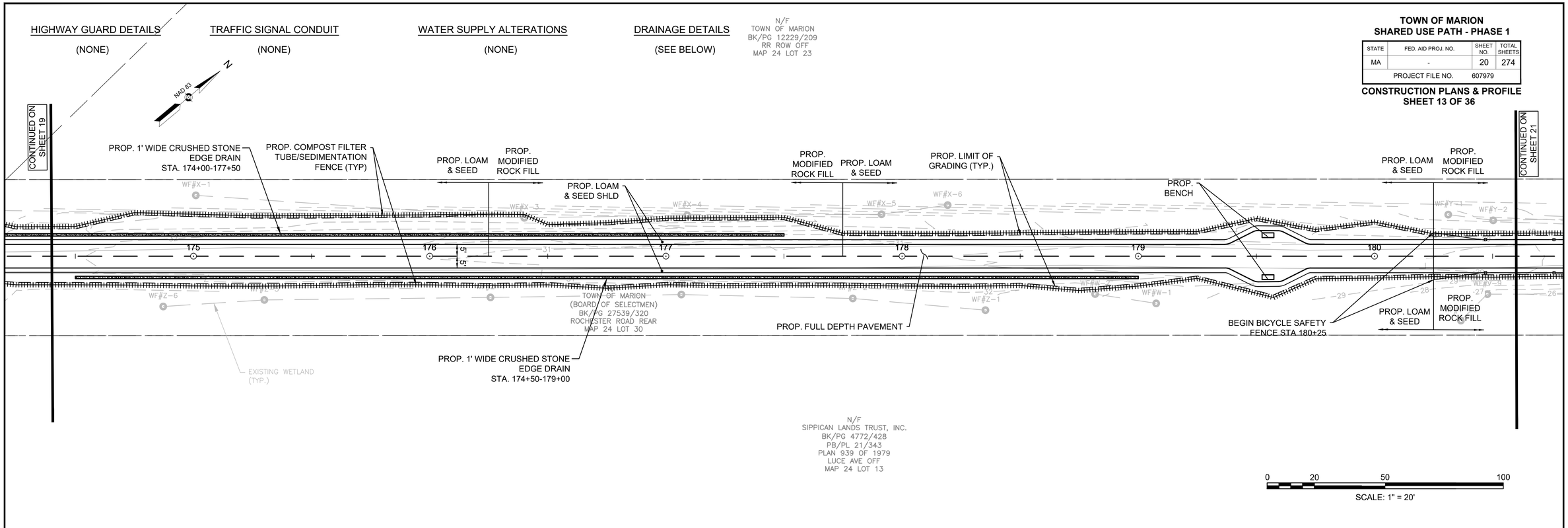
(SEE BELOW)

N/F
TOWN OF MARION
BK/PG 12229/209
RR ROW OFF
MAP 24 LOT 23

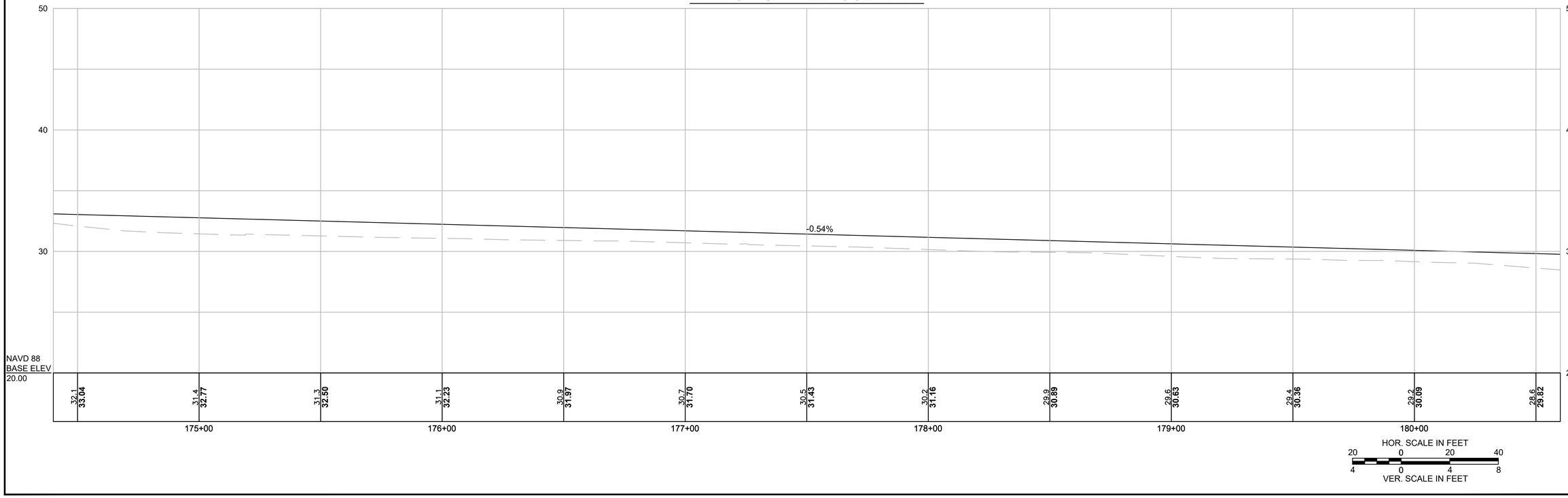
TOWN OF MARION
SHARED USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	20	274
PROJECT FILE NO.	607979		

CONSTRUCTION PLANS & PROFILE
SHEET 13 OF 36



MARION SHARED-USE PATH



607979_CONST.DWG Plotted on 27-Oct-2023 2:55 PM

HIGHWAY GUARD DETAILS

SEE BELOW

TRAFFIC SIGNAL CONDUIT

(NONE)

WATER SUPPLY ALTERATIONS

(NONE)

DRAINAGE DETAILS

(SEE BELOW)

TOWN OF MARION
SHARED USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	21	274
PROJECT FILE NO.	607979		

CONSTRUCTION PLANS & PROFILE
SHEET 14 OF 36

Plotted on 27-Oct-2023 2:55 PM

607979_CONST.DWG

NAD 83

N

CONTINUED ON SHEET 20

CONTINUED ON SHEET 22

PROP. COMPOST FILTER TUBE/SEDIMENTATION FENCE (TYP)

PROP. LOAM & SEED SHLD

BICYCLE SAFETY FENCE
STA 180+25 - STA 202+25

L=65.35' R=8000.00'
Δ=0° 28' 05"

PROP. LIMIT OF GRADING (TYP.)

Δ=0° 28' 29"
L=66.30' R=8000.00'

PROP. FULL DEPTH PAVEMENT

PROP. 1' WIDE CRUSHED STONE EDGE DRAIN
STA. 185+00-185+53

PROP. 1' WIDE CRUSHED STONE EDGE DRAIN
STA. 185+59-186+00

N/F
TOWN OF MARION
BK/PG 12229/209
RR ROW OFF
MAP 24 LOT 23

N/F
TOWN OF MARION
(BOARD OF SELECTMEN)
BK/PG 27539/320
ROCHESTER ROAD REAR
MAP 24 LOT 30

N/F
SIPPICAN LANDS TRUST, INC.
BK/PG 4772/428
PB/PL 21/343
PLAN 939 OF 1979
LUCE AVE OFF
MAP 24 LOT 13

FEMA FLOOD ZONE A

EXISTING WETLAND (TYP.)

CULVERT #5
12"ø PVC PIPE (2)
INV. IN: 22.00'
INV. OUT: 20.73'

WF#Y-2 WF#Y-3 WF#Y-4 WF#Y-5 WF#Y-6 WF#Y-7 WF#Y-8 WF#Y-9 WF#D-8 WF#D-7 WF#D-6 WF#D-5

181 182 183 184 185 186

0 20 50 100
SCALE: 1" = 20'

MARION SHARED-USE PATH

NAVD 88
BASE ELEV
20.00

181+00	182+00	183+00	184+00	185+00	186+00
29.0 **29.55**	28.6 **29.29**	28.3 **29.02**	27.9 **28.75**	27.7 **28.48**	27.6 **28.21**
27.4 **27.95**	27.1 **27.68**	26.6 **27.41**	26.2 **27.14**	26.6 **26.87**	26.3 **26.60**

HOR. SCALE IN FEET
20 0 20 40
4 0 4 8
VER. SCALE IN FEET

TOWN OF MARION
SHARED USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	22	274
PROJECT FILE NO.	607979		

CONSTRUCTION PLANS & PROFILE
SHEET 15 OF 36

Plotted on 27-Oct-2023 2:56 PM
607979_CONST.DWG

HIGHWAY GUARD DETAILS
SEE BELOW

TRAFFIC SIGNAL CONDUIT
(NONE)

WATER SUPPLY ALTERATIONS
(NONE)

DRAINAGE DETAILS
(SEE BELOW)

N/F
TOWN OF MARION
(TAX TAKING)
BK/PG 2113/25
ROUTE 195 OFF
MAP 24 LOT 24

NAD 83

CONTINUED ON SHEET 21

CONTINUED ON SHEET 23

PROP. COMPOST FILTER TUBE/SEDIMENTATION FENCE (TYP)

BICYCLE SAFETY FENCE
STA 180+25 - STA 202+25

PROP. LIMIT OF GRADING (TYP.)

PROP. LOAM & SEED SHLD

WF#Y-8 WF#Y-9 WF#Y-10 WF#Y-11 WF#S-1 WF#S-2 WF#S-3 WF#S-4 WF#T-1 WF#Y-3 WF#Y-2 WF#Y-1 WF#U-12 WF#U-13

187 188 189 190 191 192 193

TOWN OF MARION
(BOARD OF SELECTMEN)
BK/PG 27539/320
ROCHESTER ROAD REAR
MAP 24 LOT 30

PROP. MODIFIED ROCK FILL

PROP. LOAM & SEED

PROP. LOAM & SEED

PROP. MODIFIED ROCK FILL

PROP. 1' WIDE CRUSHED STONE EDGE DRAIN
STA. 188+00-189+50

PROP. FULL DEPTH PAVEMENT

PROP. 1' WIDE CRUSHED STONE EDGE DRAIN
STA. 191+50-193+00

EXISTING WETLAND (TYP.)

FEMA FLOOD ZONE A

N/F
SIPPICAN LANDS TRUST, INC.
BK/PG 4772/428
PB/PL 21/343
PLAN 939 OF 1979
LUCE AVE OFF
MAP 24 LOT 13

0 20 50 100
SCALE: 1" = 20'

MARION SHARED-USE PATH

LOW POINT ELEV = 26.03
LOW POINT STA = 187+86.38
PVI STA = 187+79.11
PVI ELEV = 25.91
A.D. = 0.94%
K = 106.82
100' VC

PVC: 187+29.11 ELEV: 26.18

PVT: 188+29.11 ELEV: 26.11

HIGH POINT ELEV = 26.97
HIGH POINT STA = 190+67.80
PVI STA = 190+68.07
PVI ELEV = 27.07
A.D. = -0.80%
K = 124.31
100' VC
609.4' SSD

PVC: 190+18.07 ELEV: 26.87

PVT: 191+18.07 ELEV: 26.87

0.40%

50 40 30 20

NAVD 88
BASE ELEV
20.00

187+00	188+00	189+00	190+00	191+00	192+00
25.9 / **26.34**	25.9 / **26.09**	25.8 / **26.04**	25.5 / **26.20**	25.5 / **26.40**	25.3 / **26.60**
25.4 / **26.80**	25.4 / **26.96**	25.3 / **26.93**	25.0 / **26.74**	25.0 / **26.64**	25.0 / **26.33**

HOR. SCALE IN FEET
20 0 20 40
VER. SCALE IN FEET
4 0 4 8

HIGHWAY GUARD DETAILS

SEE BELOW

TRAFFIC SIGNAL CONDUIT

(NONE)

WATER SUPPLY ALTERATIONS

(NONE)

DRAINAGE DETAILS

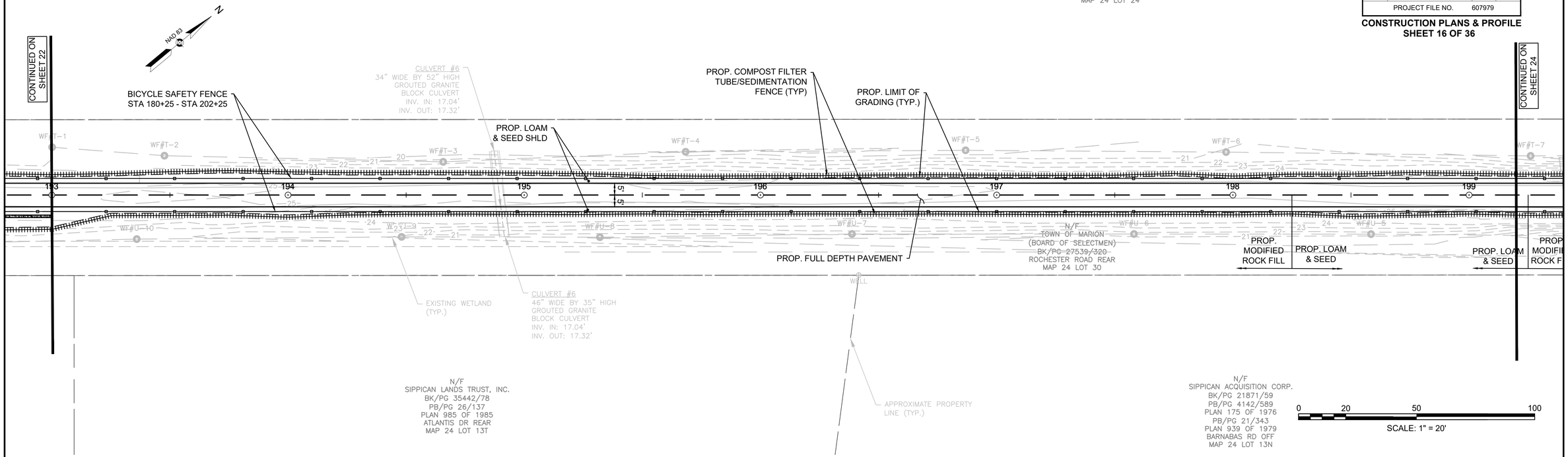
(SEE BELOW)

TOWN OF MARION
SHARED USE PATH - PHASE 1

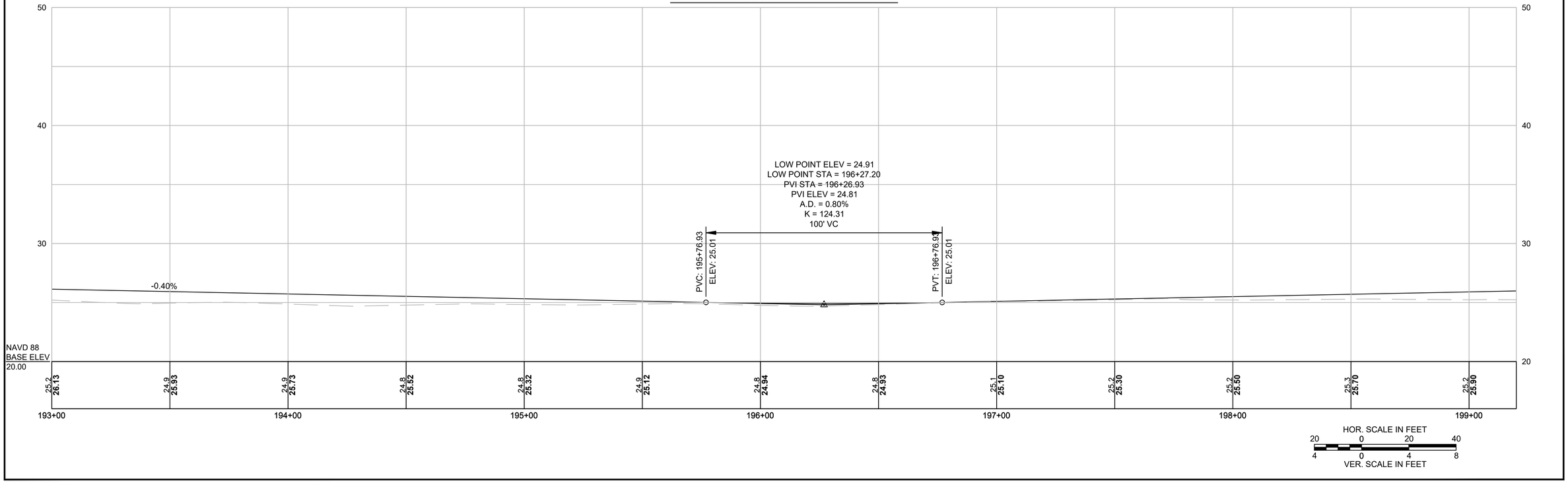
STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	23	274
PROJECT FILE NO.	607979		

CONSTRUCTION PLANS & PROFILE
SHEET 16 OF 36

607979_CONST.DWG Plotted on 27-Oct-2023 2:56 PM



MARION SHARED-USE PATH



TOWN OF MARION
SHARED USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	24	274
PROJECT FILE NO.	607979		

CONSTRUCTION PLANS & PROFILE
SHEET 17 OF 36

607979_CONST.DWG Plotted on 27-Oct-2023 2:56 PM

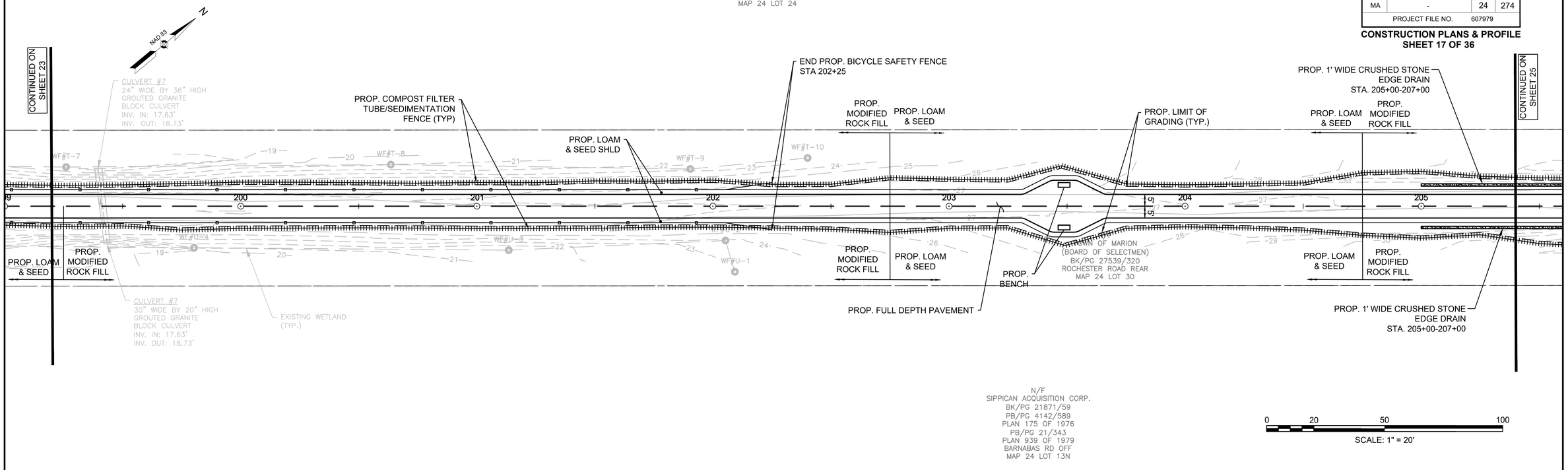
HIGHWAY GUARD DETAILS
SEE BELOW

TRAFFIC SIGNAL CONDUIT
(NONE)

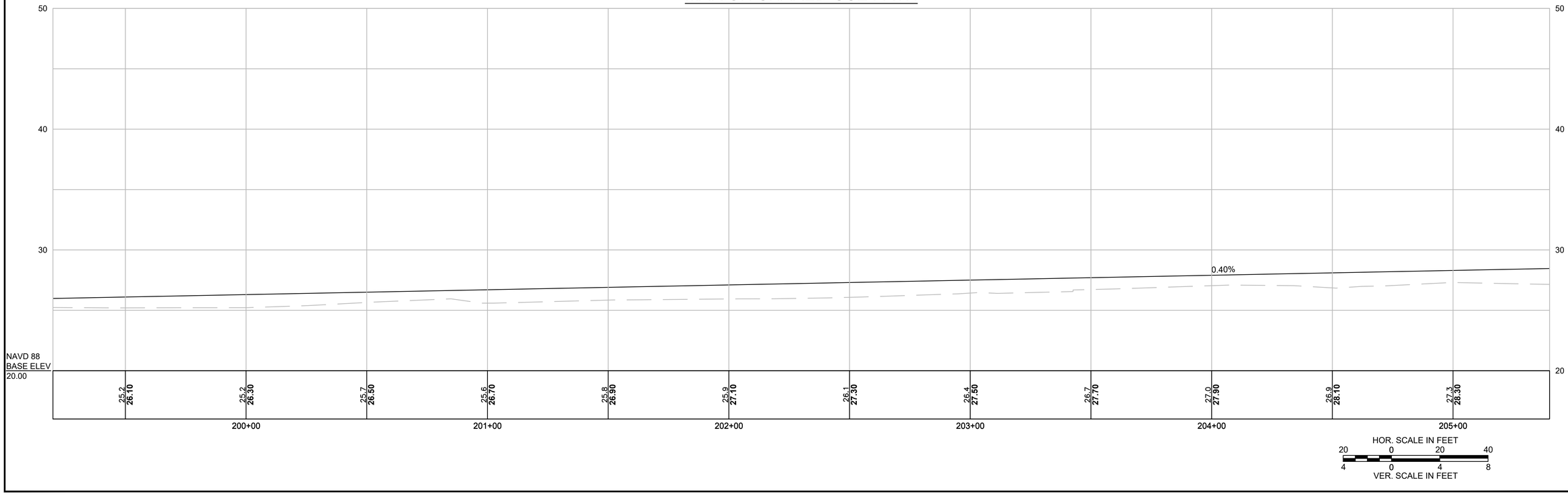
WATER SUPPLY ALTERATIONS
(NONE)

DRAINAGE DETAILS
(SEE BELOW)

N/F
TOWN OF MARION
(TAX TAKING)
BK/PG 2113/25
ROUTE 195 OFF
MAP 24 LOT 24



MARION SHARED-USE PATH



TOWN OF MARION
SHARED USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	25	274
PROJECT FILE NO.	607979		

CONSTRUCTION PLANS & PROFILE
SHEET 18 OF 36

607979_CONST.DWG Plotted on 27-Oct-2023 2:56 PM

HIGHWAY GUARD DETAILS

(NONE)

TRAFFIC SIGNAL CONDUIT

(NONE)

WATER SUPPLY ALTERATIONS

(NONE)

DRAINAGE DETAILS

(SEE BELOW)

N/F
SIPPICAN LANDS TRUST, INC.
BK/PG 43943/302
VILLAGE DR OFF
MAP 24A LOT 42

NAD 83

CONTINUED ON SHEET 24

PROP. COMPOST FILTER TUBE/SEDIMENTATION FENCE (TYP)

PROP. 1' WIDE CRUSHED STONE EDGE DRAIN STA. 205+00-207+00

PROP. MODIFIED ROCK FILL

PROP. LOAM & SEED

PROP. LOAM & SEED SHLD

PROP. LIMIT OF GRADING (TYP.)

206 207 208 209 210 211

5' 5'

PROP. MODIFIED ROCK FILL

PROP. LOAM & SEED

PROP. FULL DEPTH PAVEMENT

PROP. 1' WIDE CRUSHED STONE EDGE DRAIN STA. 205+00-207+00

N/F
TOWN OF MARION
(BOARD OF SELECTMEN)
BK/PG 27539/320
ROCHESTER ROAD REAR
MAP 24 LOT 30

PROP. 1' WIDE CRUSHED STONE EDGE DRAIN STA. 209+00-216+00

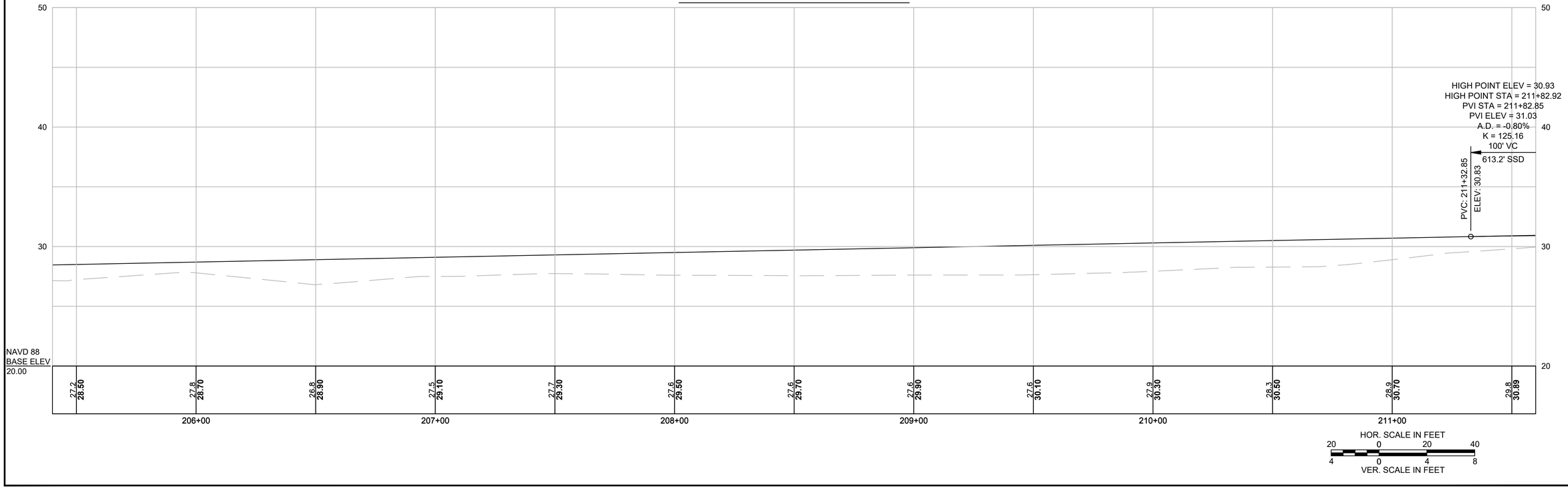
CONTINUED ON SHEET 26

N/F
SIPPICAN ACQUISITION CORP.
BK/PG 21871/59
PB/PG 4142/589
PLAN 175 OF 1976
PB/PG 21/343
PLAN 939 OF 1979
BARNABAS RD OFF
MAP 24 LOT 13N

N/F
SIPPICAN ACQUISITION CORP.
BK/PG 21871/59
PB/PG 35/979
PLAN 225 OF 1993
ATLANTIS DR
MAP 24 LOT 13H

0 20 50 100
SCALE: 1" = 20'

MARION SHARED-USE PATH



HOR. SCALE IN FEET
20 0 20 40
4 0 4 8
VER. SCALE IN FEET

HIGHWAY GUARD DETAILS

(NONE)

TRAFFIC SIGNAL CONDUIT

(NONE)

WATER SUPPLY ALTERATIONS

(NONE)

DRAINAGE DETAILS

(SEE BELOW)

N/F
MARION VILLAGE ESTATES LLC
BK/PG 43959/256
PB/PG 57/1016
PLAN 149 OF 2013
36 VILLAGE DR
MAP 24A LOT 41

TOWN OF MARION
SHARED USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	26	274
PROJECT FILE NO.	607979		

CONSTRUCTION PLANS & PROFILE
SHEET 19 OF 36

CONTINUED ON SHEET 25

CONTINUED ON SHEET 27

PROP. COMPOST FILTER TUBE/SEDIMENTATION FENCE (TYP)

PROP. LOAM & SEED SHLD

PROP. 1' WIDE CRUSHED STONE EDGE DRAIN STA. 214+00-216+00

PROP. LIMIT OF GRADING (TYP.)

PROP. FULL DEPTH PAVEMENT

PROP. 1' WIDE CRUSHED STONE EDGE DRAIN STA. 209+00-216+00

N/F
TOWN OF MARION
(BOARD OF SELECTMEN)
BK/PG 27539/320
ROCHESTER ROAD REAR
MAP 24 LOT 30

N/F
SIPPICAN ACQUISITION CORP.
BK/PG 21871/59
PB/PG 35/979
PLAN 225 OF 1993
ATLANTIS DR
MAP 24 LOT 13H

SCALE: 1" = 20'

MARION SHARED-USE PATH

HIGH POINT ELEV = 30.93
HIGH POINT STA = 211+82.92
PVI STA = 211+82.85
PVI ELEV = 31.03
A.D. = -0.80%
K = 125.16
100' VC
613.2' SSD

PVT: 212+32.85
ELEV: 30.83

NAVD 88
BASE ELEV
20.00

212+00	213+00	214+00	215+00	216+00	217+00
29.6 / **30.92**	28.3 / **30.76**	28.4 / **30.56**	28.3 / **30.37**	29.1 / **30.17**	28.7 / **29.97**
28.4 / **29.77**	27.9 / **29.57**	28.0 / **29.37**	27.5 / **29.17**	27.4 / **28.97**	27.5 / **28.77**

HOR. SCALE IN FEET
20 0 20 40

VER. SCALE IN FEET
4 0 4 8

Plotted on 27-Oct-2023 2:56 PM
607979_CONST.DWG

HIGHWAY GUARD DETAILS

(NONE)

TRAFFIC SIGNAL CONDUIT

(NONE)

WATER SUPPLY ALTERATIONS

(NONE)

DRAINAGE DETAILS

(SEE BELOW)

TOWN OF MARION
SHARED USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	27	274
PROJECT FILE NO.	607979		

CONSTRUCTION PLANS & PROFILE
SHEET 20 OF 36

NAD 83

N/F
MARION VILLAGE ESTATES LLC
BK/PG 43959/256
PB/PG 57/1016
PLAN 149 OF 2013
36 VILLAGE DR
MAP 24A LOT 41

SDWK
LOAM & SEED SHLD
EOP

VILLAGE DR.
(APPROX. LOCATION BASED ON AERIAL IMAGERY)

EOP

N/F
MARION VILLAGE ESTATES LLC
BK/PG 43959/256
PB/PG 57/1016
PLAN 149 OF 2013
36 VILLAGE DR
MAP 24A LOT 41

CONTINUED ON SHEET 26

PROP. COMPOST FILTER TUBE/SEDIMENTATION FENCE (TYP)

PROP. LOAM & SEED SHLD

PROP. LIMIT OF GRADING (TYP.)

PROP. 1' WIDE CRUSHED STONE EDGE DRAIN
STA. 221+50-223+50

N/F
TOWN OF MARION
(BOARD OF SELECTMEN)
BK/PG 27539/0001
RAILROAD REAR
MAP 24 LOT 30

MARION SHARED-USE PATH

Δ=13° 23' 27"
L=701.14' R=3000.00'

PROP. 1' WIDE CRUSHED STONE EDGE DRAIN
STA. 221+50-223+50

PROP. BENCH

PROP. FULL DEPTH PAVEMENT

CONTINUED ON SHEET 28

N/F
SIPPICAN ASSOCIATES LIMITED PARTNERSHIP
BK/PG 17353/0266
PB/PG 32/324
PLAN 434 OF 1989
15 MILL ST
MAP 24 LOT 13G

N/F
SHERMAN E. BRIGGS, JR., ALICE M. BRIGGS AND ARNOLD BRIGGS
BK/PG 23330/298
PB/PG 53/834
PLAN 749 OF 2007
SPRING ST
MAP 24 LOT 36A

0 20 50 100
SCALE: 1" = 20'

Plotted on 27-Oct-2023 2:56 PM
607979_CONST.DWG

MARION SHARED-USE PATH

-0.40%

NAVD 88
BASE ELEV
20.00

218+00	219+00	220+00	221+00	222+00	223+00
27.3 / 28.57	26.5 / 28.37	26.6 / 28.17	27.1 / 27.97	27.1 / 27.77	26.8 / 27.57
26.8 / 27.37	26.5 / 27.17	26.3 / 26.97	26.4 / 26.77	26.2 / 26.57	26.3 / 26.38

HOR. SCALE IN FEET
20 0 20 40
4 0 4 8
VER. SCALE IN FEET

HIGHWAY GUARD DETAILS

(NONE)

TRAFFIC SIGNAL CONDUIT

(NONE)

WATER SUPPLY ALTERATIONS

(NONE)

DRAINAGE DETAILS

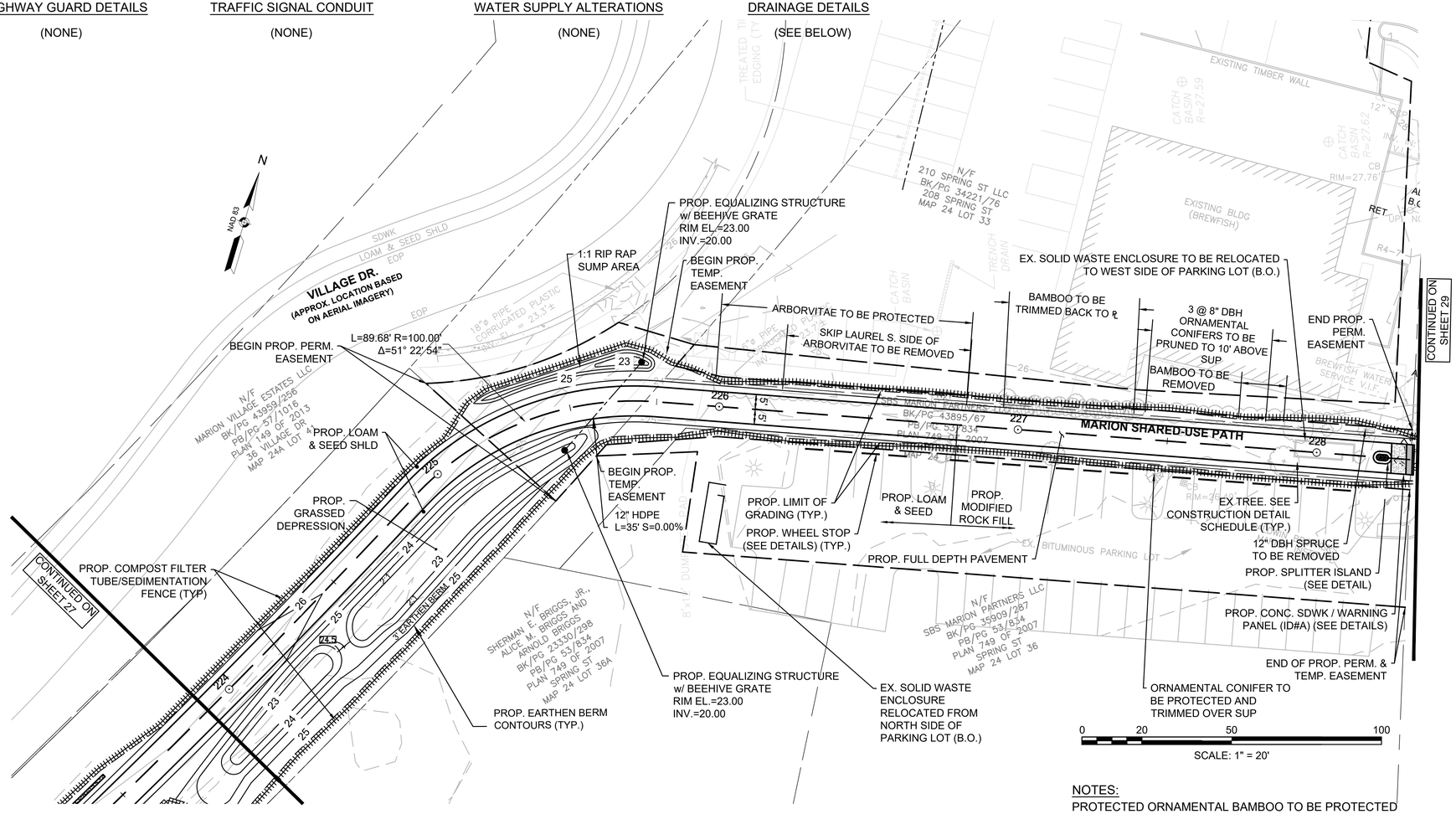
(SEE BELOW)

TOWN OF MARION
SHARED USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	28	274
PROJECT FILE NO.	607979		

CONSTRUCTION PLANS & PROFILE
SHEET 21 OF 36

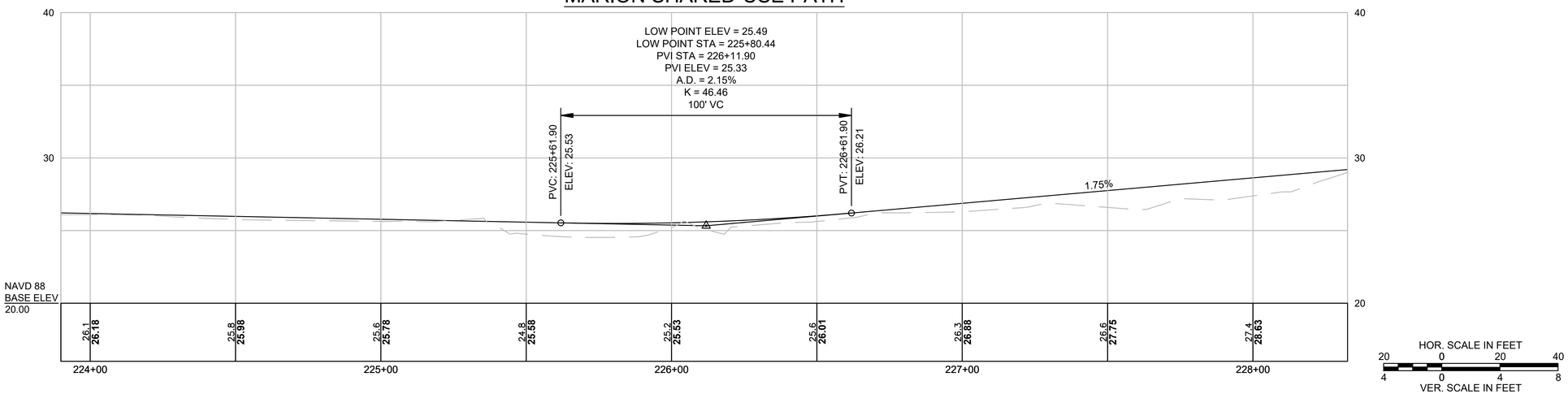
607979_CONST.DWG Plotted on 27-Oct-2023 2:56 PM



NOTES:

PROTECTED ORNAMENTAL BAMBOO TO BE PROTECTED IS APPROXIMATELY OFFSET 2' FROM PROPERTY LINE

MARION SHARED-USE PATH



HIGHWAY GUARD DETAILS

NONE

TRAFFIC SIGNAL CONDUIT

SEE SHEET 30

WATER SUPPLY ALTERATIONS

NONE

DRAINAGE DETAILS

SEE SHEET 30

TOWN OF MARION
SHARED-USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	29	274
PROJECT FILE NO.		607979	

FRONT ST (RTE 105) AT SPRING ST
CONSTRUCTION PLAN
SHEET 22 OF 36

Y16147.21 MARION PATHWAY (CONSTRUCTION).DWG Plotted on 20-Oct-2023 12:33 PM

CONTINUED ON SHEET NO. 30

N/F
THEODORE LAYCOCK
BK/PG 10097/21
391 FRONT ST
MAP 11 LOT 43

N/F
CAROL A. DITATA AND GABRIEL J. DITATA, TRUSTEES OF THE CAROL A. DITATA REVOCABLE LIVING TRUST
BK/PG 40210/0182
385 FRONT ST
MAP 11 LOT 44

N/F
MEM REALTY TRUST
BK/PG 16177/0114
381 FRONT ST
MAP 11 LOT 45

N/F
375 FRONT STREET, LLC
BK/PG 47948/92
PB/PG 7/712
375 FRONT ST
MAP 11 LOT 61A

N/F
NANCY GEHRING
BK/PG 41360/197
PB/PG 7/712
373 FRONT ST
MAP 11 LOT 61

N/F
GEHRING NANCY
BK/PG 41360/0197
FRONT ST
MAP 11 LOT 62

N/F
THEODORE LAYCOCK AND MILTON LAYCOCK
BK/PG 10028/331
PB/PG 43/1158
PLAN 772 OF 2000
FRONT ST
MAP 11 LOT 25

N/F
MARION OPEN SPACE ACQUISITION COMMISSION
BK/PG 38460/309
FRONT ST
MAP 11 LOT 60

N/F
REAL INVESTMENTS, LLC
BK/PG 37663/170
374 FRONT ST
MAP 13 LOT 17

N/F
REAL INVESTMENTS, LLC
BK/PG 37896/249
368 FRONT ST
MAP 13 LOT 18

N/F
MARION LANDS TRUST LLC
BK/PG 43949/34
PB/PG 57/1016
PLAN 149 OF 2013
VILLAGE DR
MAP 24A LOT 39

N/F
TOWN OF MARION
(BOARD OF SELECTMEN)
BK/PG 27539/320
ROCHESTER ROAD REAR
MAP 24 LOT 30

N/F
210 SPRING ST LLC
BK/PG 34221/76
208 SPRING ST
MAP 24 LOT 33

N/F
SBS MARION PARTNERS LLC
BK/PG 35909/287
PB/PG 53/834
PLAN 749 OF 2007
SPRING ST
MAP 24 LOT 36

N/F
SHERMAN E. BRIGGS, JR., ALICE M. BRIGGS AND ARNOLD BRIGGS
BK/PG 23330/298
PB/PG 53/834
PLAN 749 OF 2007
SPRING ST
MAP 24 LOT 36A

PROP HMA DRIVEWAY
R&R UP 100/44 (BY OTHERS)
RET HIGHWAY BOUND
BEGIN PROP HMA BERM
PROP TREE PROTECTION (REFER TO CONSTRUCTION DETAILS SHEET 2 FOR DISPOSITION OF EXIST TREES AND PROP TREATMENTS (TYP))
MATCH INTO PROP PATHWAY
END PROP HMA BERM
PROP 4" LOAM AND SEED
PROP PVMT STANDARD MILLING AND OVERLAY
LIMIT OF WORK
STA 100+52.91
N2722920.9447
E854820.1752
1903 LAYOUT 842
BIT ASPHALT DRIVEWAY
40.36'
N3°27'53"E
100+00
N28°13'07"W
21.51'
S48°00'45"W
31.25'
BEGIN R&R VGC
BEGIN PROP VGC
PROP TEMP EASEMENT
PROP HMA SDWK
PROP SAWCUT (TYP)
5' MIN
END R&R VGC
END PROP VGC
PROP 4" CRUSHED STONE
PROP TOWN ALTERATION
PROP VGC
PROP DWY #1
LIMIT OF PAVING
PROP HMA DRIVEWAY
BEGIN PROP VGC
PROP VGC TRANSITION
PROP HMA SDWK
PROP 4" LOAM AND SEED
PROP CEM CONC ISLAND
PROP VGC
R&D BIT CONC ISLAND AND SGC
PROP HMA SDWK
BEGIN PROP VGC
PROP 4" LOAM AND SEED
PROP FULL DEPTH PVMT
PROP TEMP EASEMENT
BEGIN R&R VGC
END PROP VGC
PROP PVMT STANDARD MILLING AND OVERLAY
END PROP VGC
FRONT ST (RTE 105)
101
102
+34.13
PROP CR #1
+46.93
PROP CR #PED-20949
PROP CR #2
PROP CR #PED-8143
BEGIN PROP VGC
200+00
103
103+50
25+50
1903 BASELINE
1903 LAYOUT 842 | 1903 LAYOUT 823
BEGIN PROP HMA BERM
TRIM VEGETATION
PROP SAWCUT (TYP)
RET HIGHWAY BOUND
PROP TEMP EASEMENT
PROP 4" LOAM AND SEED
N32°22'02"W
32.81'
N35°01'29"E
21.38'
END PROP HMA BERM
LIMIT OF WORK
STA 103+00
N2722716.2592
E854957.3386
PROP HMA SDWK
PROP VGC
RET HIGHWAY BOUND
BEGIN PROP HMA BERM
PROP TEMP EASEMENT
LIMIT OF REGRADING
END PROP HMA BERM
N84°39'17"E
24.12'
LIMIT OF WORK
STA 201+19
N2722644.5810
E854910.7007
201
201+46.39
N68°01'35"W
29.42'
END R&R VGC
BEGIN PROP VGC
SPRING ST
TOWN LAYOUT
END PROP VGC
PROP 4" LOAM AND SEED
PROP TEMP EASEMENT
MATCH INTO PROP PATHWAY
RET HIGHWAY BOUND
PROP TREE PROTECTION (REFER TO CONSTRUCTION DETAILS SHEET 2 FOR DISPOSITION OF EXIST TREES AND PROP TREATMENTS (TYP))
EX. BITUMINOUS PARKING LOT
227
228
229
230
231
STAKE AND NAIL

0 20 50 100
SCALE: 1" = 20'

CONTINUED ON SHEET NO. 28

HIGHWAY GUARD DETAILS

NONE

TRAFFIC SIGNAL CONDUIT

SEE BELOW

WATER SUPPLY ALTERATIONS

NONE

DRAINAGE DETAILS

SEE BELOW

TOWN OF MARION
SHARED-USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	30	274
PROJECT FILE NO.	607979		

FRONT ST (RTE 105) AT SPRING ST
DRAINAGE & UTILITY PLAN
SHEET 23 OF 36

Y16147.21 MARION PATHWAY (DRAINAGE & UTILITY PLAN).DWG Plotted on 30-Oct-2023 12:44 PM

CONTINUED ON SHEET NO. 31

N/F
THEODORE LAYCOCK
BK/PG 10097/21
391 FRONT ST
MAP 11 LOT 43

N/F
CAROL A. DITATA AND GABRIEL J. DITATA, TRUSTEES OF THE CAROL A. DITATA REVOCABLE LIVING TRUST
BK/PG 40210/0182
385 FRONT ST
MAP 11 LOT 44

N/F
MEM REALTY TRUST
BK/PG 16177/0114
381 FRONT ST
MAP 11 LOT 45

N/F
MARION OPEN SPACE ACQUISITION COMMISSION
BK/PG 38460/309
FRONT ST OFF
MAP 11 LOT 60

N/F
375 FRONT STREET, LLC
BK/PG 47948/92
PB/PG 7/712
375 FRONT ST
MAP 11 LOT 61A

N/F
NANCY GEHRING
BK/PG 41360/197
PB/PG 7/712
373 FRONT ST
MAP 11 LOT 61

N/F
GEHRING NANCY
BK/PG 41360/0197
FRONT ST
MAP 11 LOT 62

N/F
THEODORE LAYCOCK AND MILTON LAYCOCK
BK/PG 10028/331
PB/PG 43/1158
PLAN 772 OF 2000
FRONT ST
MAP 11 LOT 25

N/F
MARION LANDS TRUST LLC
BK/PG 43949/34
PB/PG 57/1016
PLAN 149 OF 2013
VILLAGE DR
MAP 24A LOT 39

N/F
TOWN OF MARION
(BOARD OF SELECTMEN)
BK/PG 27539/320
ROCHESTER ROAD REAR
MAP 24 LOT 30

N/F
210 SPRING ST LLC
BK/PG 34221/76
208 SPRING ST
MAP 24 LOT 33

N/F
REAL INVESTMENTS, LLC
BK/PG 37896/249
368 FRONT ST
MAP 13 LOT 18

N/F
REAL INVESTMENTS, LLC
BK/PG 37663/170
374 FRONT ST
MAP 13 LOT 17

N/F
SBS MARION PARTNERS LLC
BK/PG 35909/287
PB/PG 53/834
PLAN 749 OF 2007
SPRING ST
MAP 24 LOT 36

N/F
SHERMAN E. BRIGGS, JR., ALICE M. BRIGGS AND ARNOLD BRIGGS
BK/PG 23330/298
PB/PG 53/834
PLAN 749 OF 2007
SPRING ST
MAP 24 LOT 36A

FRONT ST (RTE 105)

SPRING ST

1903 LAYOUT 842
1903 LAYOUT 823
1903 BASELINE
TOWN LAYOUT

R&R UP 100/44 (BO)
ADJ GG (BO)
PROP PULL BOX FOR ELEC SERVICE CONNECTION (EVERSOURCE APPROVED)
PROP 3" CONDUIT FOR ELEC SERVICE CONNECTION
RET UP 100/43
PROP 3" CONDUIT (TYP)
RET HYD
ADJ GG (BO)
PROP RRFB WITH APS PUSH BUTTON
PROP TEMP EASEMENT
ADJ GG (BO)
ADJ SMH
RET UP 100/42
LIMIT OF WORK
STA 103+00
N2722716.2592
E854957.3386
LIMIT OF WORK
STA 100+52.91
N2722920.9447
E854820.1752
PROP TEMP EASEMENT
PROP TOWN ALTERATION
PROP RRFB
R&D CB AND LATERAL PIPE
PROP (APS) PUSH BUTTON ON PEDESTAL
PROP 4' - 12" RCP
PROP 8' - 12" RCP
RET UP
ADJ GG (BO)
PROP TEMP EASEMENT
PROP 19' - 12" RCP
ADJ GG (BO)
ADJ WG
UPGRADE UP #52S (BO)
PROP 5' - 12" RCP
RET UP 100/52
REM UP 100/52 (BO)
PROP TEMP EASEMENT
LIMIT OF WORK
STA 201+19
N2722644.5810
E854910.7007
PROP TEMP EASEMENT
R&R WG
ADJ GG (BO)
CONTINUED ON SHEET NO. 29

DRAINAGE STRUCTURE TABLE						
NO	TYPE	STATION	RIM EL	INV EL IN	INV EL OUT	TREATMENT
①	CB	102+15 RT	28.55	-	26.54	PROP
②	DMH	102+13 RT	28.85	26.50	-	RET EXISTING
③	CB	200+48 RT	28.53	-	26.44	PROP
④	DMH	200+44 LT	28.49	VERIFY IN FIELD	-	CIT CB TO DMH
⑤	CB	200+62 LT	28.37	-	24.37	PROP
⑥	CB	200+23 LT	28.57	-	26.10	PROP
⑦	DMH	102+64 RT	28.64	26.02	25.32	CIT CB TO DMH
⑧	CB	102+46 LT	28.68	-	24.67	ADJ, PROP GRATE
⑨	DMH	102+30 LT	28.70	24.32	21.62	ADJ
⑩	CB	100+58 LT	28.61	23.62	23.62	ADJ

NOTES:
1. ALL PROPOSED MANHOLE COVER ASSEMBLIES SHALL BE BOLT-DOWN PER ENGINEERING DIRECTIVE E-16-003.
2. EXISTING MANHOLE COVER ASSEMBLY TO BE REPLACED WITH BOLT-DOWN ASSEMBLY PER ENGINEERING DIRECTIVE E-16-003.
3. THE CONTRACTOR SHALL CONFIRM THAT THE NEW INVERT ELEVATION SHOWN IS AT OR ABOVE THE EXISTING INVERT ELEVATION OUT PRIOR TO CONSTRUCTING UP GRADIENT DRAINAGE.
4. PROPOSED INVERT INFORMATION IS PROVIDED FOR BIDDING PURPOSES ONLY AND INVERTS MAY BE ADJUSTED IN THE FIELD BY THE ENGINEER WITHOUT ADDITIONAL COMPENSATION EXCEPT AS ALLOWED BY THE STANDARD SPECIFICATIONS.

0 20 50 100
SCALE: 1" = 20'

HIGHWAY GUARD DETAILS

(NONE)

TRAFFIC SIGNAL CONDUIT

(NONE)

WATER SUPPLY ALTERATIONS

(NONE)

DRAINAGE DETAILS

(SEE BELOW)

TOWN OF MARION
SHARED USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	31	274
PROJECT FILE NO.	607979		

CONSTRUCTION PLANS & PROFILE
SHEET 24 OF 36

CONTINUED ON SHEET 30

CONTINUED ON SHEET 32

BEGIN PROP. PERM. EASEMENT

END PROP. TEMP. EASEMENT

PROP. CONC. SDWK / WARNING PANEL (ID#B) (SEE DETAIL)

PROP. COMPOST FILTER TUBE/SEDIMENTATION FENCE (TYP)

PROP. 1' WIDE CRUSHED STONE EDGE DRAIN STA. 231+00-234+00

PROP. LOAM & SEED

PROP. MODIFIED ROCK FILL

R&D DRAINAGE PIPE SEDIMENT TO INVERT ELEVATION (6 CY±)
EX. OUTLET TO BE MAINTAINED

PROP. MODIFIED ROCK FILL

PROP. LOAM & SEED

PROP. LIMIT OF GRADING (TYP.)

L=14.94' R=250.00'
Δ=3° 25' 26"

PROP. LOAM & SEED SHLD

L=79.23' R=500.00'
Δ=9° 04' 45"

Δ=11° 02' 12"
L=96.31' R=500.00'

MARION SHARED-USE PATH

PROP. FULL DEPTH PAVEMENT

PROP. SPLITTER ISLAND (SEE DETAIL)

END PROP. TEMP. EASEMENT

BEGIN PROP. PERM. EASEMENT

EX TREE. SEE CONSTRUCTION DETAIL SCHEDULE (TYP.)

PROP. 1' WIDE CRUSHED STONE EDGE DRAIN STA. 231+00-233+50

CRUSHED STONE CHECK DAM

CRUSHED STONE CHECK DAM

MEMORIAL REALTY TRUST
BK/PG 12477/0114
381 FRONT ST
MAP 11 LOT 45

THEODORE LAYCOCK
BK/PG 10097/21
391 FRONT ST
MAP 11 LOT 43

MARION OPEN SPACE ACQUISITION COMMISSION
BK/PG 38460/309
FRONT ST
MAP 11 LOT 47

375 FRONT STREET, LLC
BK/PG 47948/92
PB/PG 1771/12
375 FRONT ST
MAP 11 LOT 51A

MARION LANDS TRUST, LLC
BK/PG 45518/286
PB/PG 403/552
PLAN 62 OF 1977
HOLLY KNOLL
MAP 11 LOT 65

105 SOUTH MARION WAREHAM MATTAPOISETT (ROUTE 6) ROAD ACADEMY

381 FRONT ST

375 RCP WITH FES

1903 SHLD NC

FEMA ZONE X

FEMA ZONE AE (EL. 15' NAVD88)

0 20 50 100
SCALE: 1" = 20'

MARION SHARED-USE PATH

LOW POINT ELEV = 25.97
LOW POINT STA = 231+10.09
PVI STA = 230+60.09
PVI ELEV = 26.85
A.D. = 1.33%
K = 75.15
100' VC

PVC: 230+10.09
ELEV: 28.40

PVT: 231+10.09
ELEV: 25.97

-3.10%

-1.77%

40
30
20
8
LEV

230+00	231+00	232+00	233+00	234+00	235+00	236+00
27.0 **28.71**	25.9 **27.27**	25.8 **26.15**	24.8 **25.26**	23.6 **24.38**	22.7 **23.50**	21.9 **22.61**	21.0 **21.73**	20.1 **20.85**	19.5 **19.96**	18.6 **19.08**	17.9 **18.20**	17.3 **17.32**

HOR. SCALE IN FEET
20 0 20 40
4 0 4 8
VER. SCALE IN FEET

607979_CONST.DWG Plotted on 27-Oct-2023 2:56 PM

HIGHWAY GUARD DETAILS

(NONE)

TRAFFIC SIGNAL CONDUIT

(NONE)

WATER SUPPLY ALTERATIONS

(NONE)

DRAINAGE DETAILS

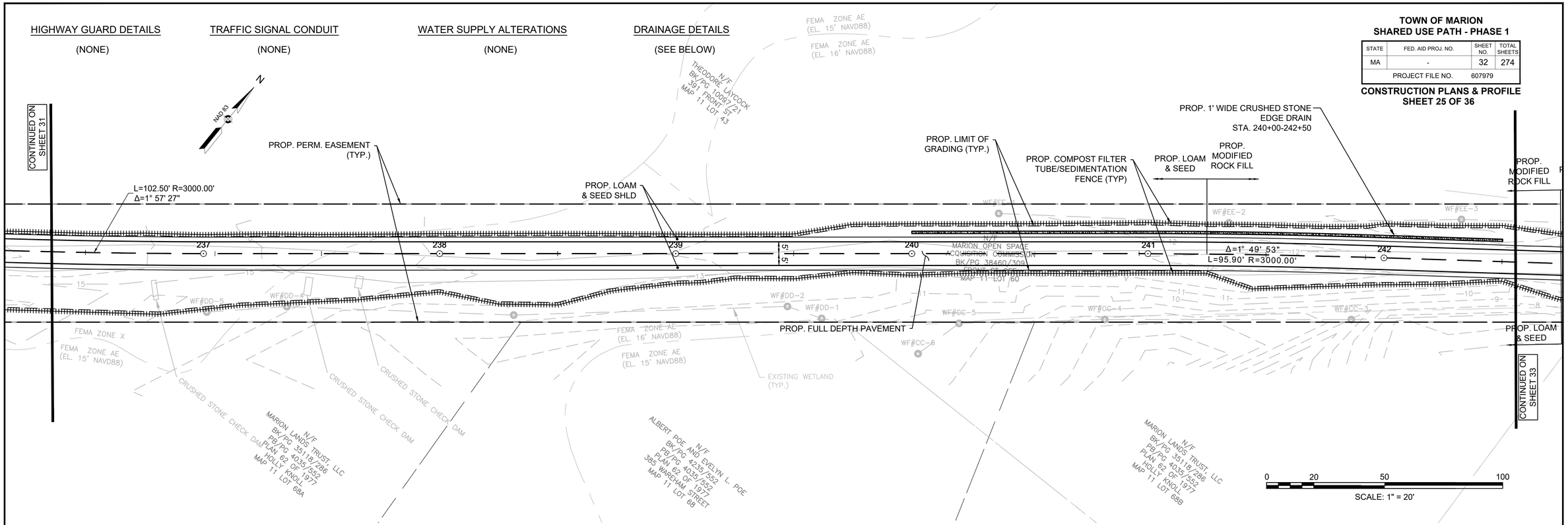
(SEE BELOW)

TOWN OF MARION
SHARED USE PATH - PHASE 1

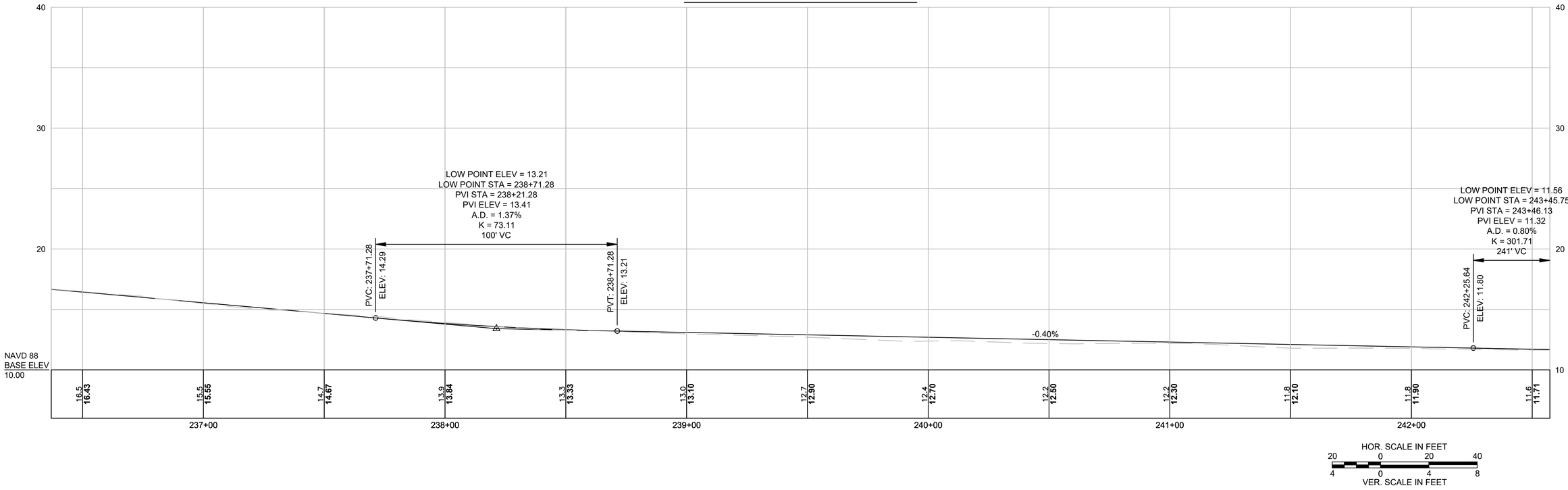
STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	32	274
PROJECT FILE NO.	607979		

CONSTRUCTION PLANS & PROFILE
SHEET 25 OF 36

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607979_CONST.DWG



MARION SHARED-USE PATH



HIGHWAY GUARD DETAILS

(NONE)

TRAFFIC SIGNAL CONDUIT

(NONE)

WATER SUPPLY ALTERATIONS

(NONE)

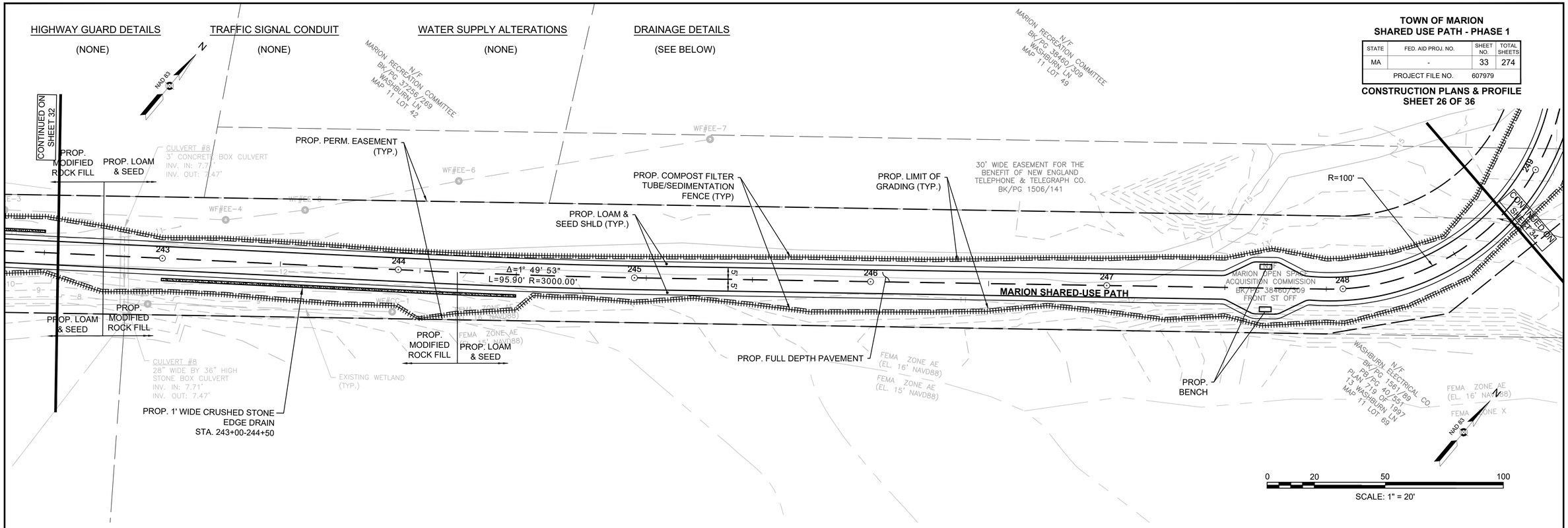
DRAINAGE DETAILS

(SEE BELOW)

TOWN OF MARION
SHARED USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	33	274
PROJECT FILE NO.	607979		

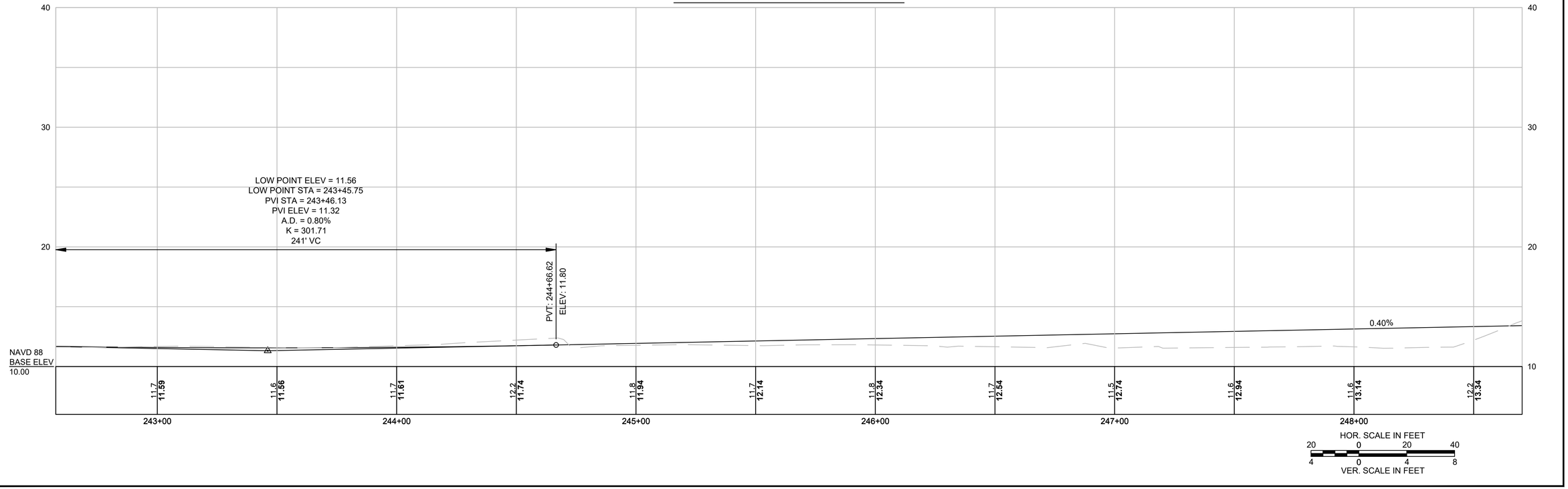
CONSTRUCTION PLANS & PROFILE
SHEET 26 OF 36



0 20 50 100

SCALE: 1" = 20'

MARION SHARED-USE PATH



HOR. SCALE IN FEET
20 0 20 40

VER. SCALE IN FEET
4 0 4 8

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HIGHWAY GUARD DETAILS

(NONE)

WATER SUPPLY ALTERATIONS

(NONE)

DRAINAGE DETAILS

(SEE BELOW)

TRAFFIC SIGNAL CONDUIT

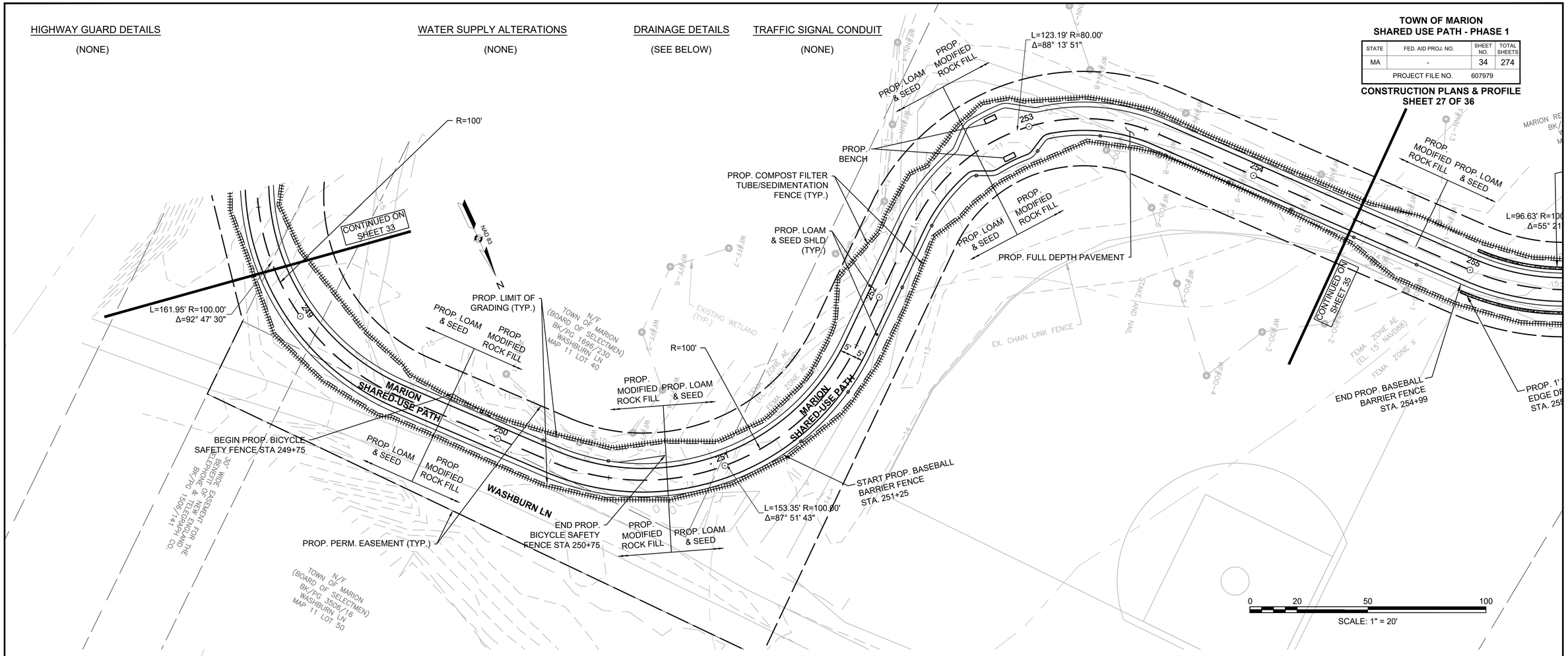
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TOWN OF MARION
SHARED USE PATH - PHASE 1

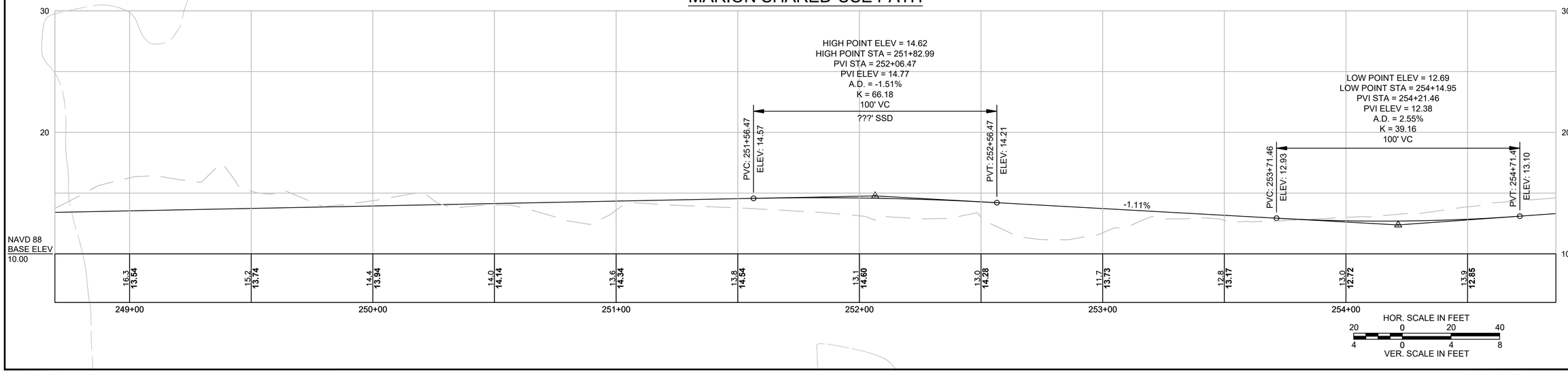
STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	34	274
PROJECT FILE NO.		607979	

CONSTRUCTION PLANS & PROFILE
SHEET 27 OF 36

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MARION SHARED-USE PATH



HIGHWAY GUARD DETAILS

(NONE)

TRAFFIC SIGNAL CONDUIT

(NONE)

WATER SUPPLY ALTERATIONS

(NONE)

DRAINAGE DETAILS

(SEE BELOW)

TOWN OF MARION
SHARED USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	35	274
PROJECT FILE NO.	607979		

CONSTRUCTION PLANS & PROFILE
SHEET 28 OF 36

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607979_CONST.DWG

NAD 83

N

PROP. PERM. EASEMENT (TYP.)

PROP. LIMIT OF GRADING (TYP.)

PROP. MODIFIED ROCK FILL

PROP. LOAM & SEED

PROP. 1' WIDE CRUSHED STONE EDGE DRAIN STA. 255+00-257+00

PROP. COMPOST FILTER TUBE/SEDIMENTATION FENCE (TYP)

PROP. LOAM & SEED SHLD

L=55.62' R=100.00'
Δ=31° 52' 03"

L=96.63' R=100.00'
Δ=55° 21' 56"

PROP. MODIFIED ROCK FILL

PROP. LOAM & SEED

PROP. FULL DEPTH PAVEMENT

PROP. BASEBALL BARRIER FENCE STA. 254+99

PROP. 1' WIDE CRUSHED STONE EDGE DRAIN STA. 255+00-258+00

PROP. 2' WIDE EDGE DRAIN STA. 258+50-1+00

L=47.97' R=100.00'
Δ=27° 28' 59"

CONTINUED ON SHEET 36

CONTINUED ON SHEET 37

CONTINUED ON SHEET 35

N/F
MARION RECREATION COMMITTEE
BK/PG 37256/269
WASHBURN LN
MAP 11 LOT 42

N/F
THE INHABITANTS OF THE TOWN OF MARION
(MARION RECREATION COMMITTEE)
L.C.C. CERT. NO. 12984
DOC. NO. 24001
DOC. NO. 59046
25 WASHBURN LN
MAP 11 LOT 39

N/F
TOWN OF MARION
(BOARD OF SELECTMEN)
BK/PG 1696/230
WASHBURN LN
MAP 11 LOT 40

N/F
CHAD C. MCLEOD AND
GINA C. MCLEOD
BK/PG 42391/50
48 WASHBURN LN
MAP 11 LOT 41

FEMA ZONE AE (EL. 15' NAVD88)

FEMA ZONE X

0 20 50 100

SCALE: 1" = 20'

MARION SHARED-USE PATH

HIGH POINT ELEV = 16.86
HIGH POINT STA = 258+06.87
PVI STA = 257+56.66
PVI ELEV = 17.22
A.D. = -1.92%
K = 104.09
200' VC
334.2' SSD

PVC: 256+56.66
ELEV: 15.77

PVT: 258+56.66
ELEV: 16.74

1.44%

-0.48%

NAVD 88
BASE ELEV
10.00

255+00	256+00	257+00	258+00	259+00	260+00	261+00
14.8 / 13.51	15.8 / 14.96	16.0 / 16.31	15.2 / 16.85	14.7 / 16.53	14.2 / 16.05	13.5 / 15.57
15.3 / 14.23	16.0 / 15.68	15.6 / 16.70	14.8 / 16.77	14.6 / 16.29	13.6 / 15.81	

HOR. SCALE IN FEET
20 0 20 40

VER. SCALE IN FEET
4 0 4 8

HIGHWAY GUARD DETAILS

(NONE)

TRAFFIC SIGNAL CONDUIT

(NONE)

WATER SUPPLY ALTERATIONS

(NONE)

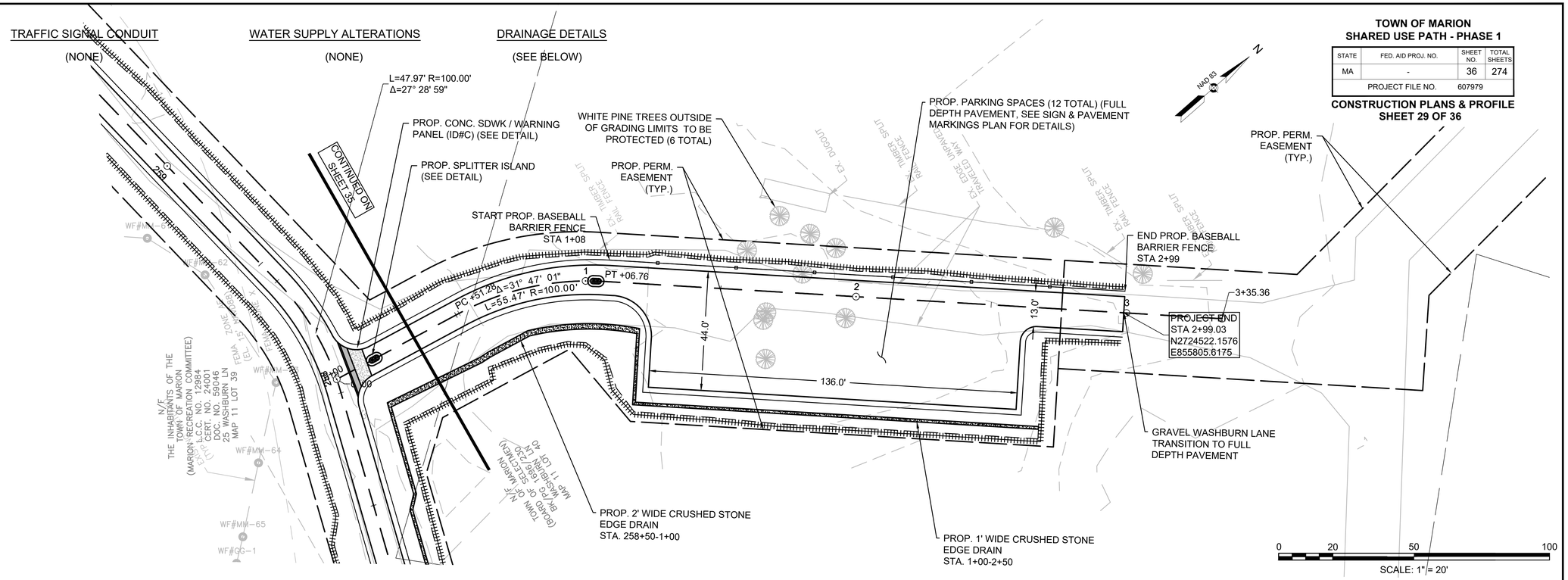
DRAINAGE DETAILS

(SEE BELOW)

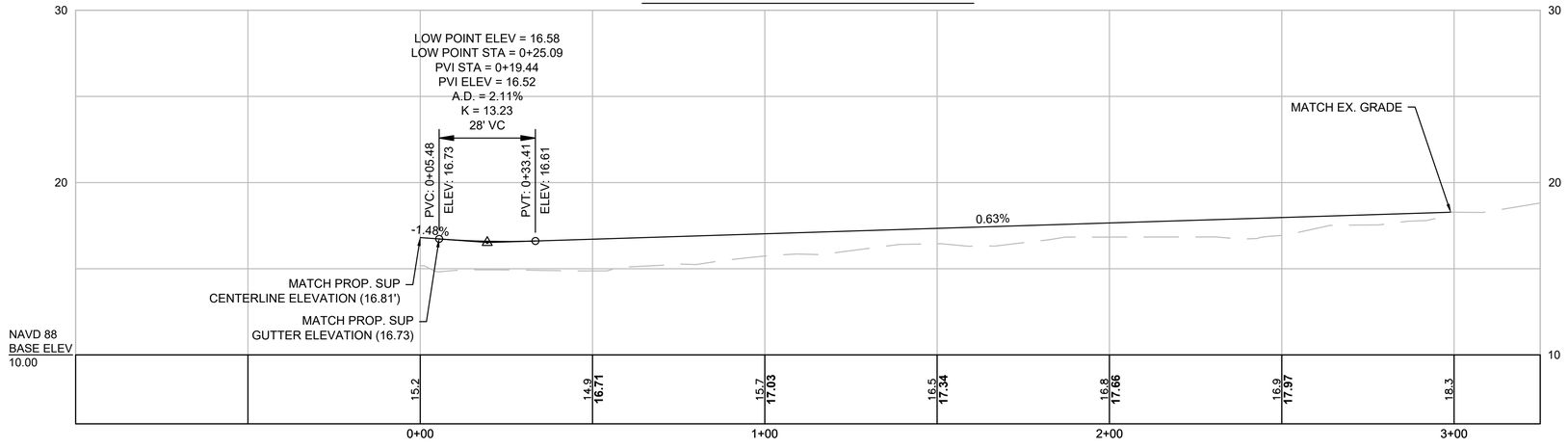
TOWN OF MARION
SHARED USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	36	274
PROJECT FILE NO.	607979		

CONSTRUCTION PLANS & PROFILE
SHEET 29 OF 36



MARION SHARED-USE PATH



HOR. SCALE IN FEET
20 0 20 40
4 0 4 8
VER. SCALE IN FEET

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TOWN OF MARION
SHARED USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	37	274
PROJECT FILE NO.	607979		

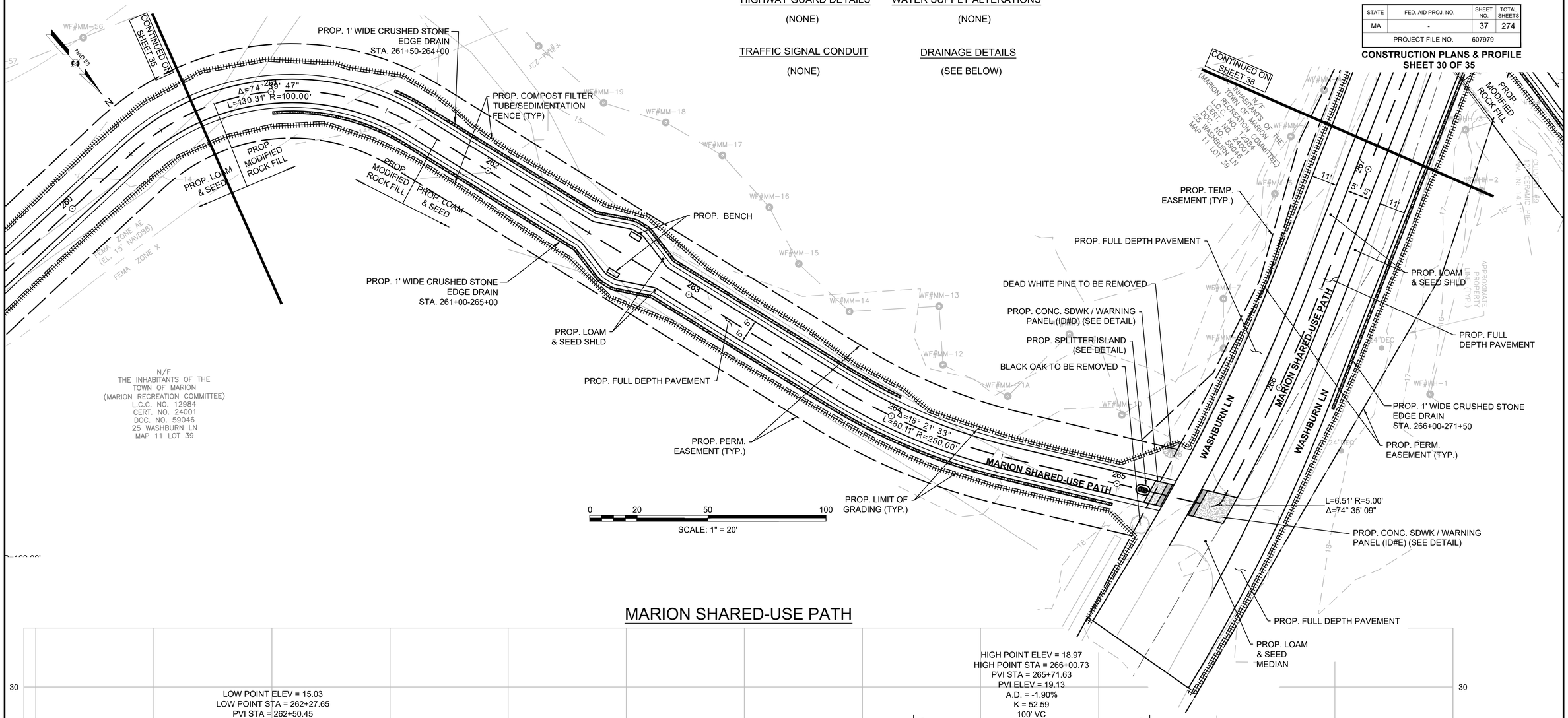
CONSTRUCTION PLANS & PROFILE
SHEET 30 OF 35

HIGHWAY GUARD DETAILS
(NONE)

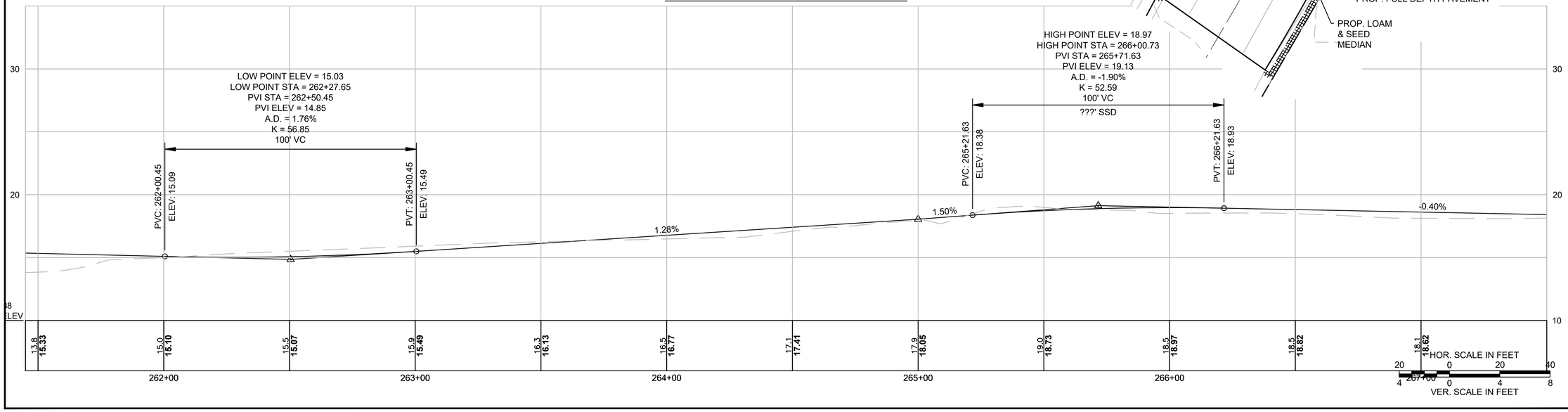
WATER SUPPLY ALTERATIONS
(NONE)

TRAFFIC SIGNAL CONDUIT
(NONE)

DRAINAGE DETAILS
(SEE BELOW)



MARION SHARED-USE PATH



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HIGHWAY GUARD DETAILS

(NONE)

TRAFFIC SIGNAL CONDUIT

(NONE)

WATER SUPPLY ALTERATIONS

(NONE)

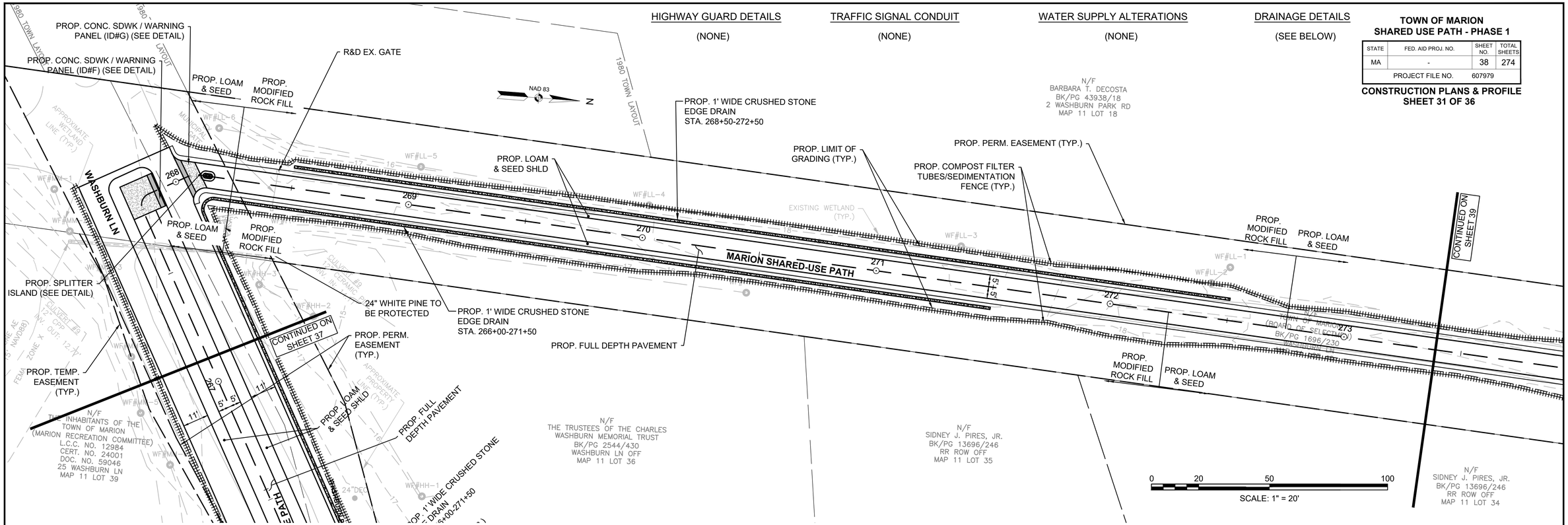
DRAINAGE DETAILS

(SEE BELOW)

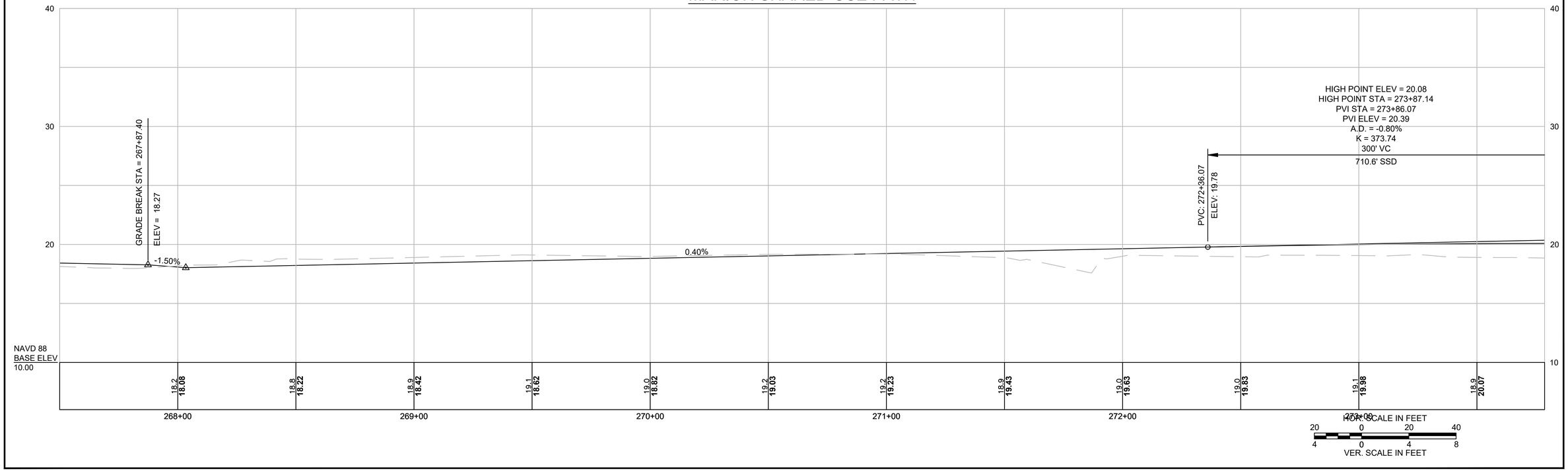
TOWN OF MARION
SHARED USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	38	274
PROJECT FILE NO.		607979	

CONSTRUCTION PLANS & PROFILE
SHEET 31 OF 36



MARION SHARED-USE PATH



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HIGHWAY GUARD DETAILS

(NONE)

TRAFFIC SIGNAL CONDUIT

(NONE)

WATER SUPPLY ALTERATIONS

(NONE)

DRAINAGE DETAILS

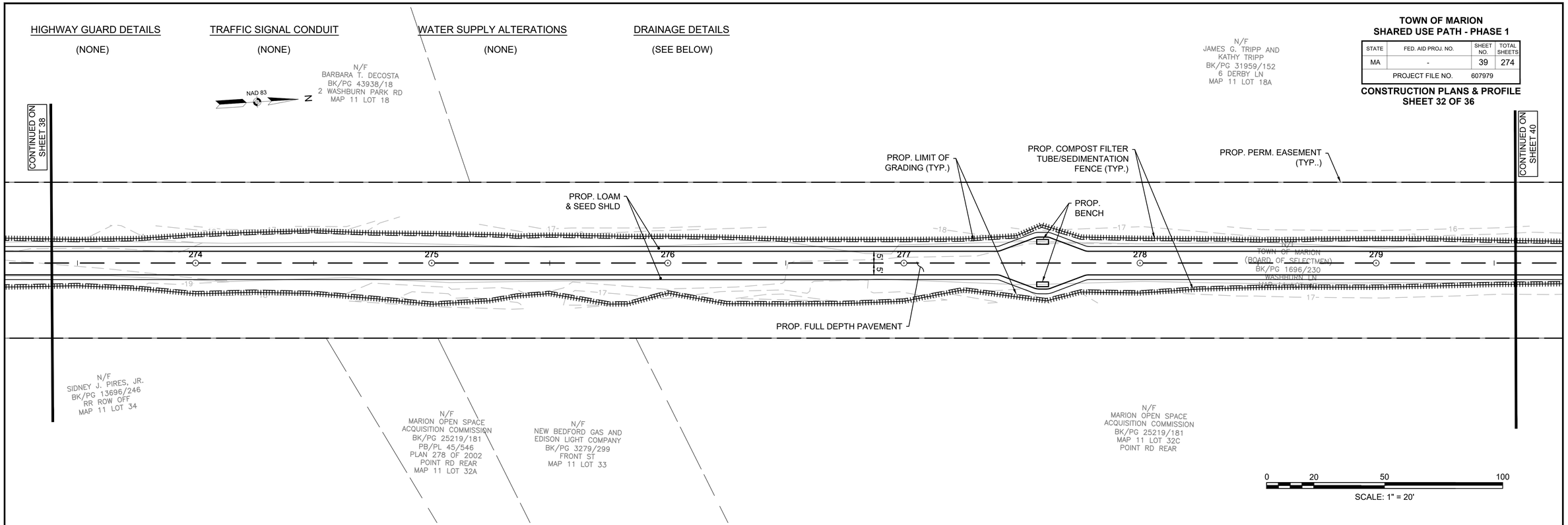
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TOWN OF MARION
SHARED USE PATH - PHASE 1

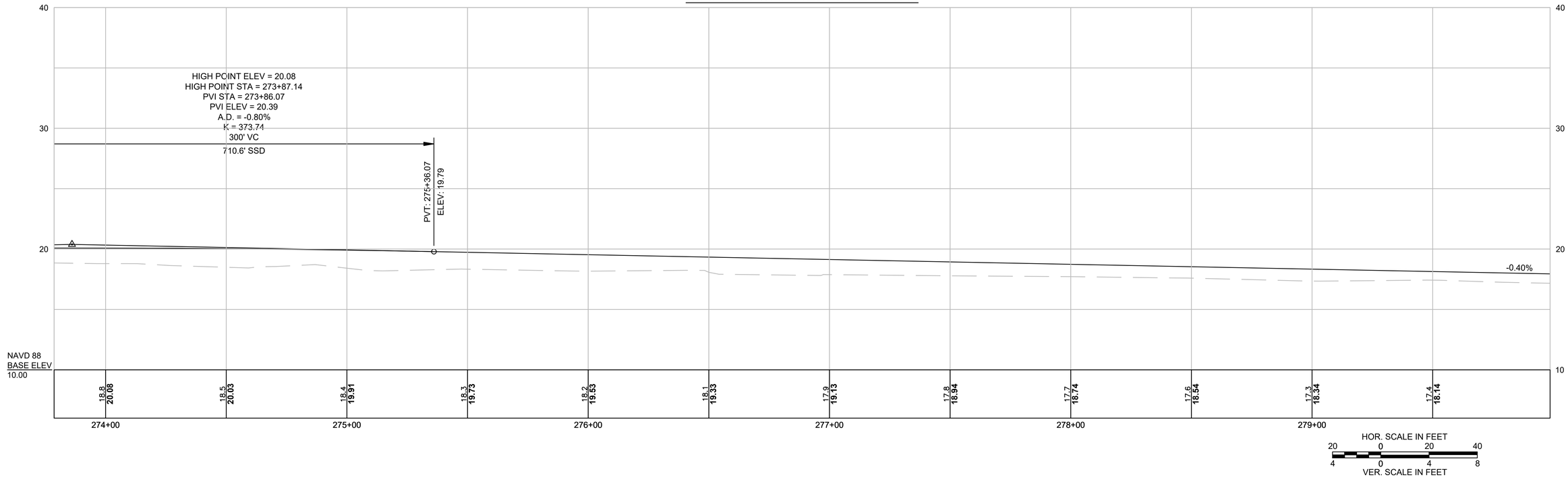
STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	39	274
PROJECT FILE NO.	607979		

CONSTRUCTION PLANS & PROFILE
SHEET 32 OF 36

607979_CONST.DWG Plotted on 27-Oct-2023 2:57 PM



MARION SHARED-USE PATH



HIGHWAY GUARD DETAILS

(NONE)

TRAFFIC SIGNAL CONDUIT

(NONE)

WATER SUPPLY ALTERATIONS

(NONE)

DRAINAGE DETAILS

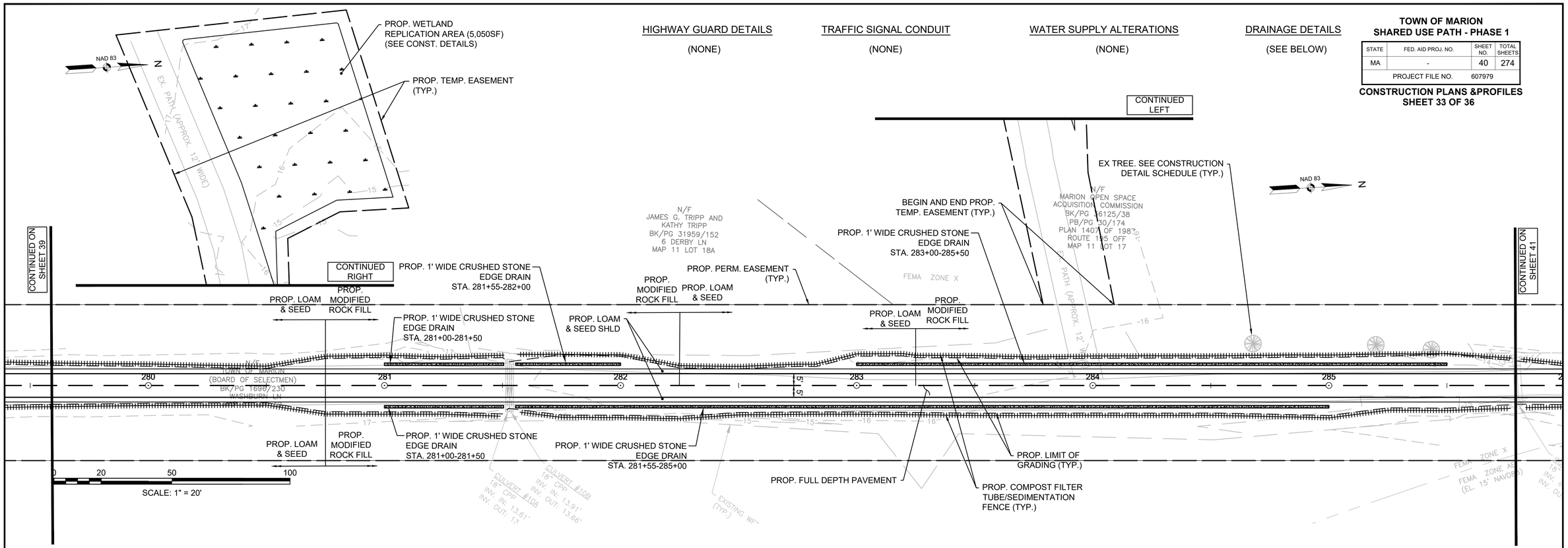
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TOWN OF MARION
SHARED USE PATH - PHASE 1

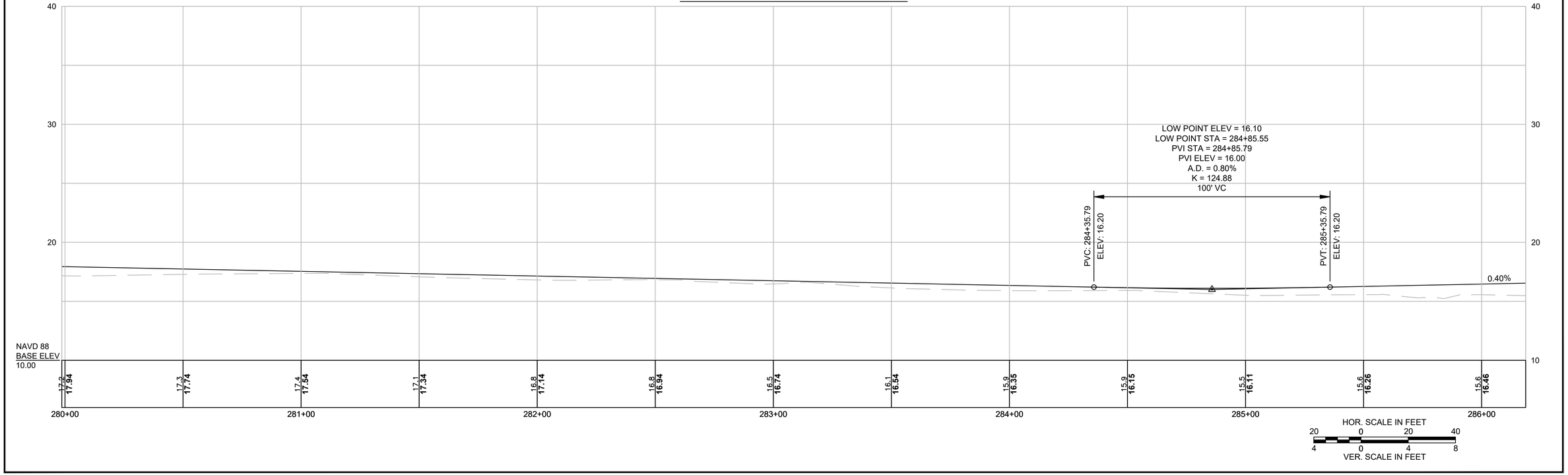
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MA	-	40	274
PROJECT FILE NO.	607979		

CONSTRUCTION PLANS &PROFILES
SHEET 33 OF 36

607979_CONST.DWG Plotted on 27-Oct-2023 2:58 PM



MARION SHARED-USE PATH



HIGHWAY GUARD DETAILS

(NONE)

TRAFFIC SIGNAL CONDUIT

(NONE)

WATER SUPPLY ALTERATIONS

(NONE)

DRAINAGE DETAILS

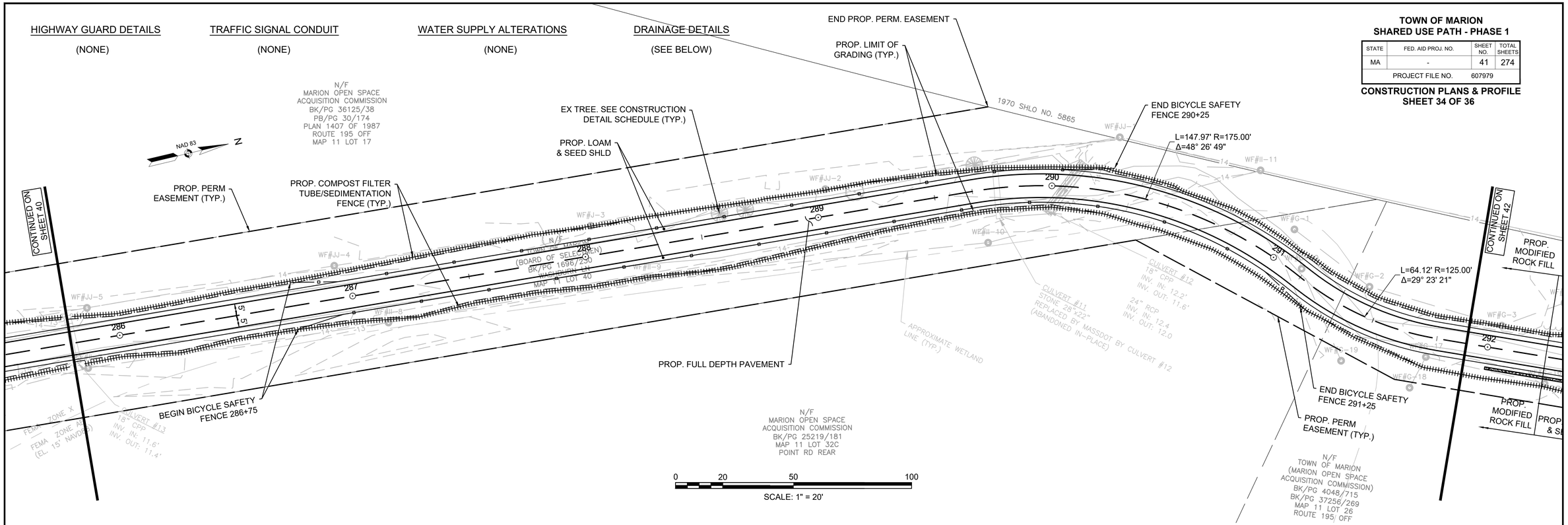
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TOWN OF MARION
SHARED USE PATH - PHASE 1

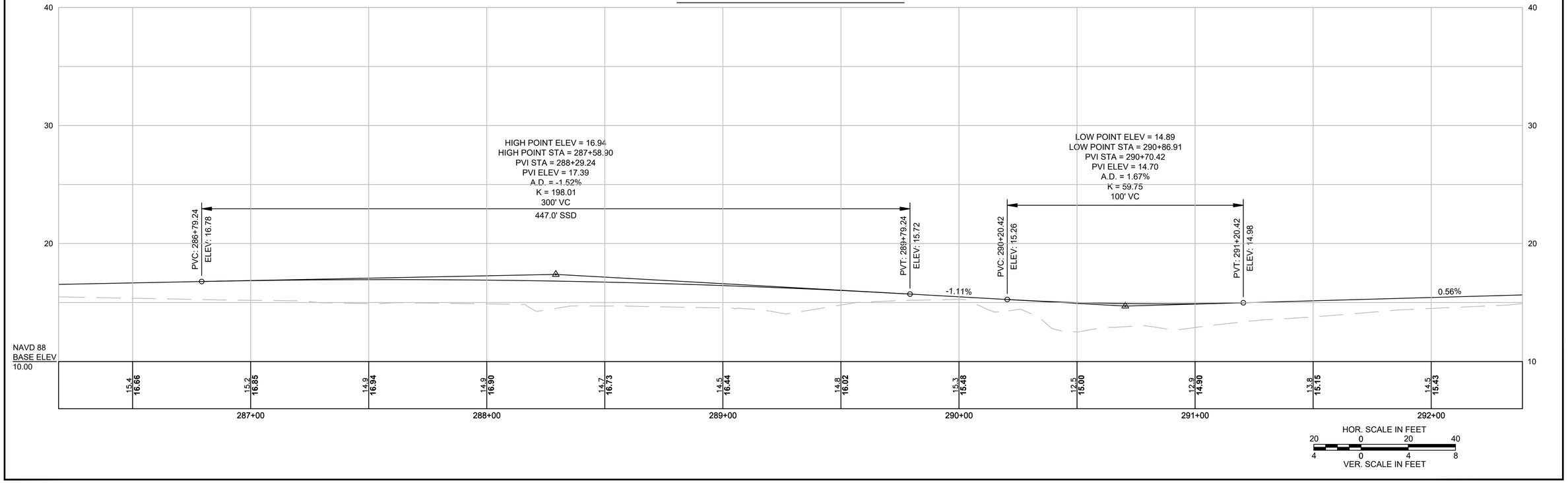
STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	41	274
PROJECT FILE NO.	607979		

CONSTRUCTION PLANS & PROFILE
SHEET 34 OF 36

607979_CONST.DWG Plotted on 27-Oct-2023 2:58 PM



MARION SHARED-USE PATH



HIGHWAY GUARD DETAILS

(NONE)

TRAFFIC SIGNAL CONDUIT

(NONE)

WATER SUPPLY ALTERATIONS

(NONE)

DRAINAGE DETAILS

(SEE BELOW)

NAD 83

N

TOWN OF MARION
SHARED USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	42	274
PROJECT FILE NO.	607979		

CONSTRUCTION PLANS & PROFILE
SHEET 35 OF 36

CONTINUED ON SHEET 41

CONTINUED ON SHEET 43

.12' R=125.00'
9° 23' 21"

PROP. MODIFIED ROCK FILL

PROP. LOAM & SEED

PROP. 1' WIDE CRUSHED STONE EDGE DRAIN STA. 292+50-293+50

PROP. LIMIT OF GRADING (TYP.)

PROP. COMPOST FILTER TUBE/SEDIMENTATION FENCE (TYP.)
1970 SHLO NO. 5865

PROP. 1' WIDE CRUSHED STONE EDGE DRAIN STA. 295+50-299+00

292

293

294

295

296

297

298

Δ=4° 25' 13"
L=77.15' R=1000.00'

Δ=5° 00' 14"
L=104.79' R=1000.00'

MARION SHARED-USE PATH

EX TREE. SEE CONSTRUCTION DETAIL SCHEDULE (TYP.)

PROP. PERM EASEMENT

PROP. 1' WIDE CRUSHED STONE EDGE DRAIN STA. 292+00-293+00

PROP. LOAM & SEED SHLD

PROP. FULL DEPTH PAVEMENT

N/F
TOWN OF MARION
(MARION OPEN SPACE ACQUISITION COMMISSION)
BK/PG 4048/715
BK/PG 37256/269
MAP 11 LOT 26
ROUTE 195 OFF

N/F
TOWN OF MARION
(MARION OPEN SPACE ACQUISITION COMMISSION)
BK/PG 4048/715
BK/PG 37256/269
MAP 11 LOT 26
ROUTE 195 OFF

APPROXIMATE WETLAND LINE (TYP.)

FEMA ZONE X

FEMA ZONE AE
(EL. 15' NAVD88)

N/F
STEVEN A. BRIGGS
BK/PG 14555/347
PB/PL 783 OF 1955
MAP 11 LOT 28
POINT RD

N/F
SHERMAN E. BRIGGS, JR. AND ALICE M. BRIGGS
BK/PG 4464/497
PB/PL 783 OF 1955
MAP 11 LOT 27
1132 POINT RD

END PROP
EAS

SCALE: 1" = 20'

MARION SHARED-USE PATH

HIGH POINT ELEV = 16.10
HIGH POINT STA = 293+44.97
PVI STA = 293+45.40
PVI ELEV = 16.24
A.D. = -1.13%
K = 88.40
100' VC
447.8' SSD

PVC: 292+95.40
ELEV: 15.96

PVT: 293+95.40
ELEV: 15.96

-0.57%

LOW POINT ELEV = 15.23
LOW POINT STA = 295+35.37
PVI STA = 295+61.52
PVI ELEV = 15.01
A.D. = 2.39%
K = 41.80
100' VC

PVC: 295+11.52
ELEV: 15.30

PVT: 296+11.52
ELEV: 15.92

1.82%

HIGH POINT ELEV = 20.36
HIGH POINT STA = 298+69.33
PVI STA = 298+90.52
PVI ELEV = 21.00
A.D. = -6.32%
K = 15.81
100' VC
[illegible]' SSD

PVC: 298+40.82
ELEV: 20.03

NAVD 88
BASE ELEV
10.00

293+00		294+00		295+00		296+00		297+00		298+00
15.1	**15.71**	16.9	**15.99**	14.6	**16.10**	15.0	**15.93**	14.4	**15.65**	
						14.5	**15.36**	15.3	**15.25**	
								14.7	**15.73**	
								16.7	**16.62**	
								16.6	**17.53**	
								17.8	**18.44**	
								18.4	**19.36**	

HOR. SCALE IN FEET
20 0 20 40

VER. SCALE IN FEET
4 0 4 8

607979_CONST.DWG Plotted on 27-Oct-2023 2:58 PM

HIGHWAY GUARD DETAILS

(NONE)

TRAFFIC SIGNAL CONDUIT

(NONE)

WATER SUPPLY ALTERATIONS

(NONE)

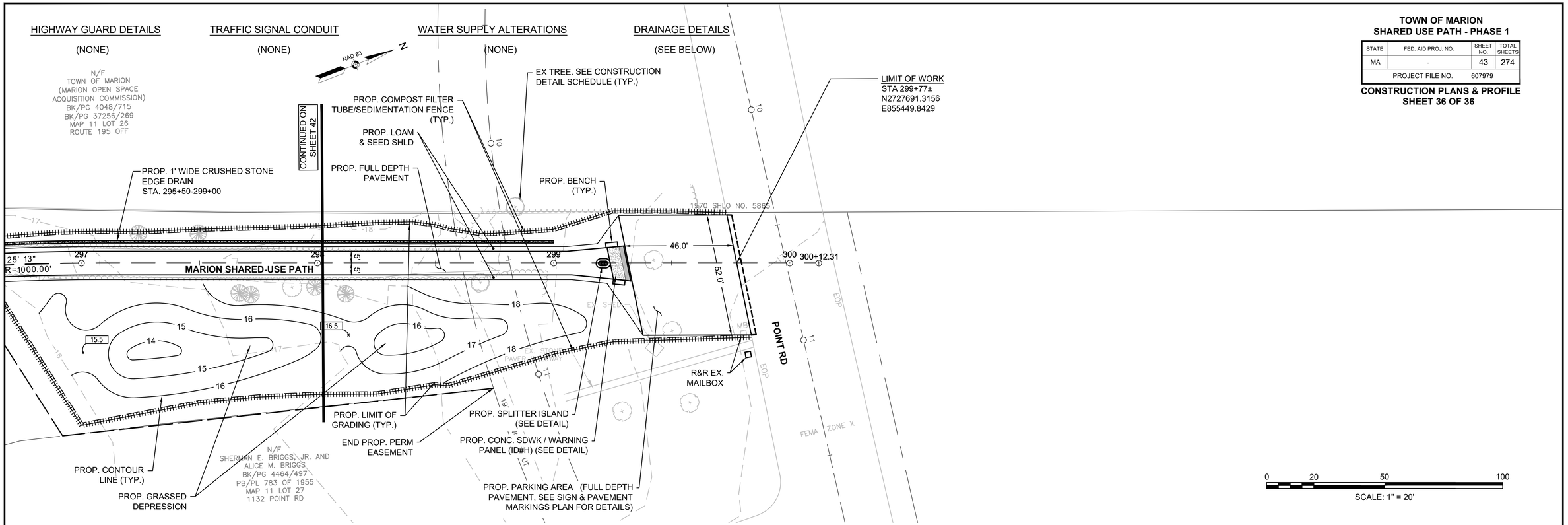
DRAINAGE DETAILS

(SEE BELOW)

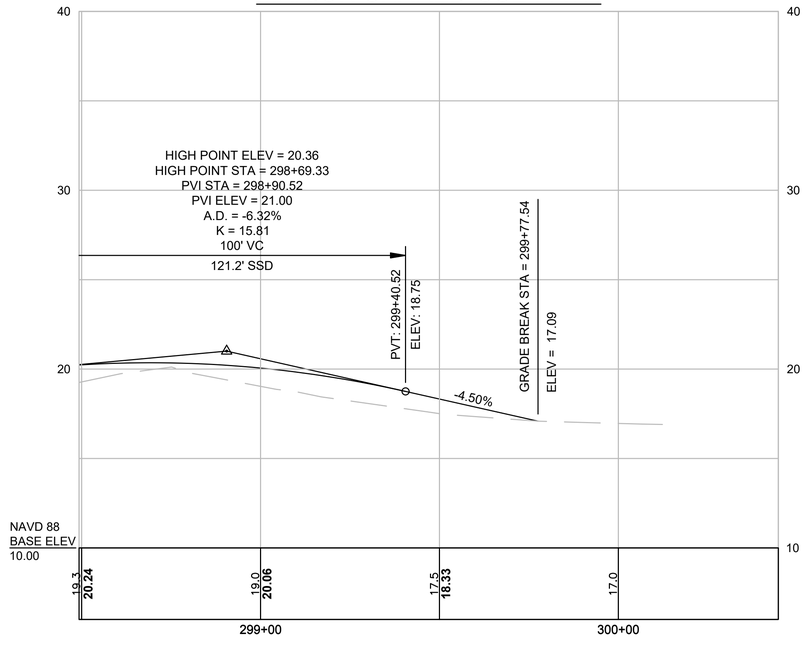
TOWN OF MARION
SHARED USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	43	274
PROJECT FILE NO.	607979		

CONSTRUCTION PLANS & PROFILE
SHEET 36 OF 36



MARION SHARED-USE PATH



HOR. SCALE IN FEET
20 0 20 40
4 0 4 8
VER. SCALE IN FEET

607979_CONST.DWG Plotted on 27-Oct-2023 2:58 PM

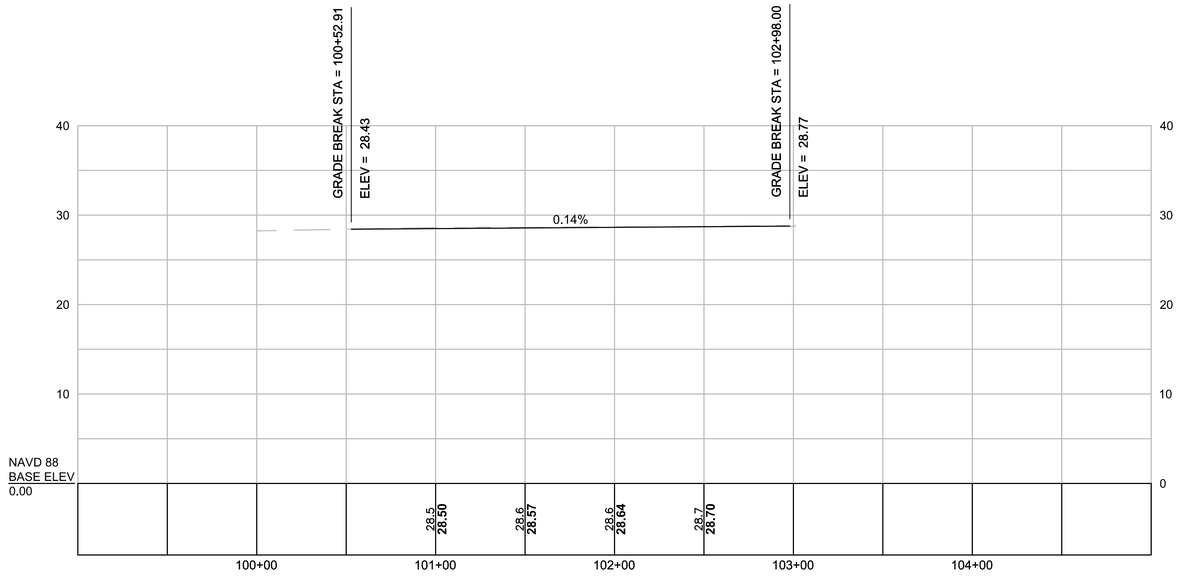
TOWN OF MARION
SHARED-USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	44	274
PROJECT FILE NO.	607979		

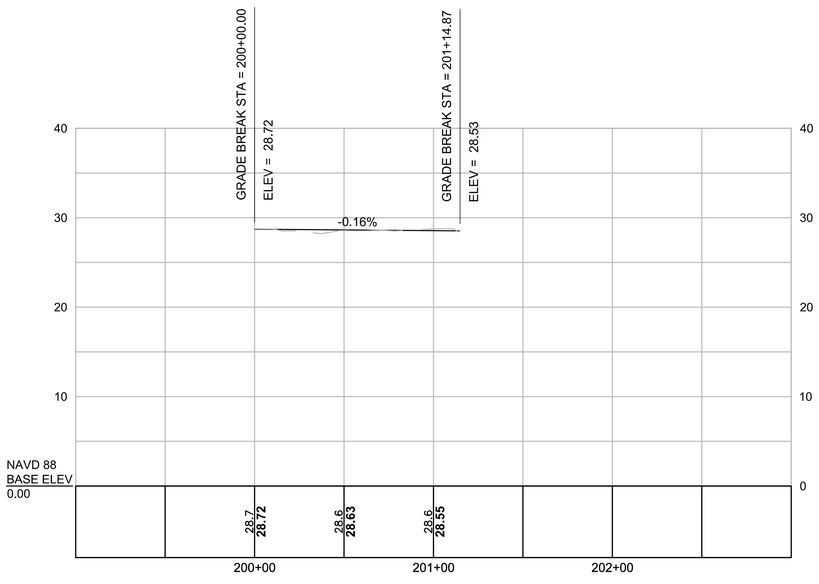
FRONT ST (RTE 105) AT SPRING ST
PROFILES
SHEET 1 OF 1

Plotted on 20-Oct-2023 12:34 PM
Y16147.21 MARION PATHWAY (PROFILE).DWG

FRONT STREET



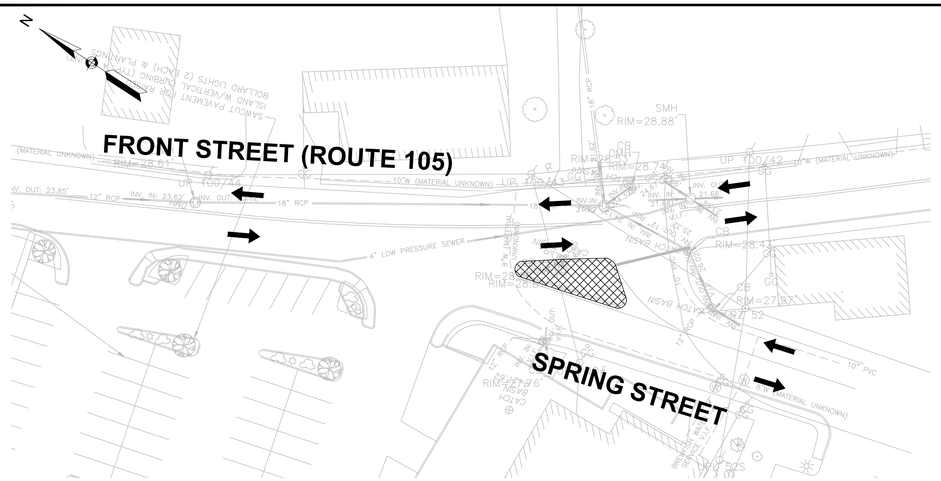
SPRING STREET



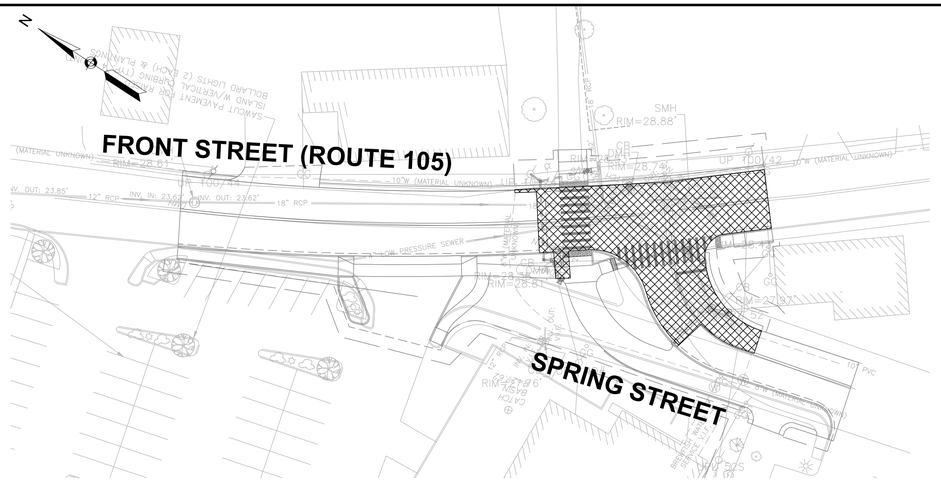
TOWN OF MARION
SHARED-USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	45	274
PROJECT FILE NO.	607979		

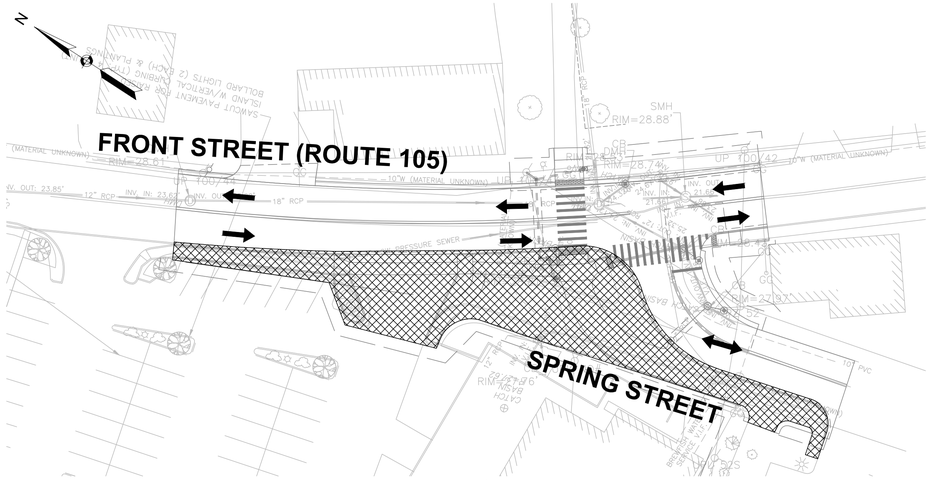
FRONT ST (RTE 105) AT SPRING ST
CONSTRUCTION PHASING PLAN
SHEET 1 OF 1



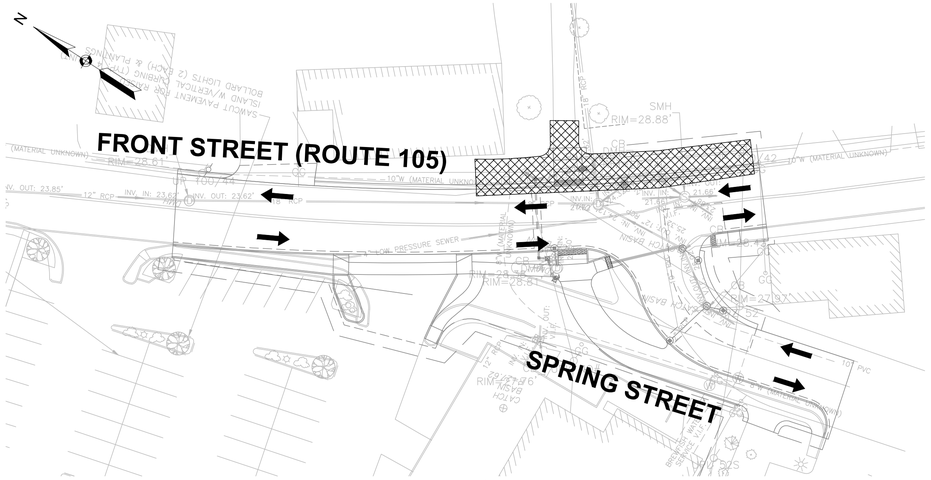
PHASE 1
1" = 30'



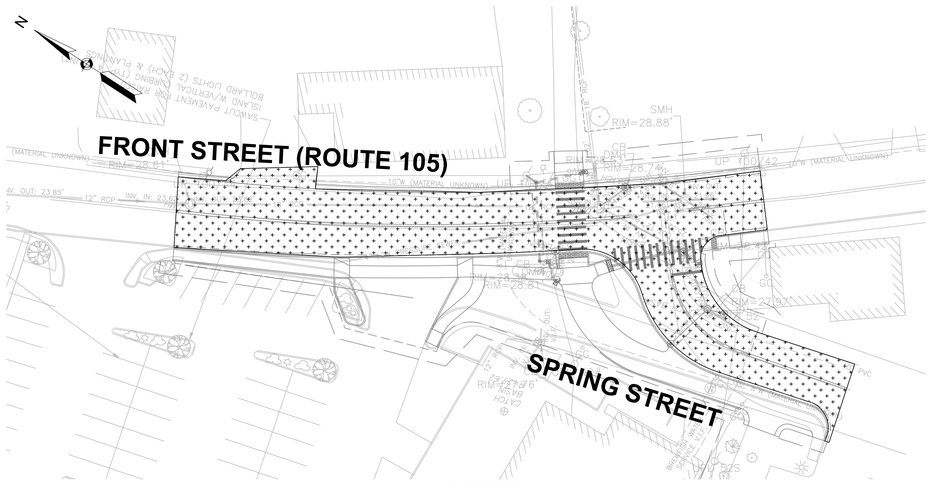
PHASE 2
1" = 30'



PHASE 3
1" = 30'



PHASE 4
1" = 30'



PHASE 5
1" = 30'

PHASE 1: REMOVAL OF EXISTING CHANNELIZING ISLAND
CONSTRUCTION OF FULL DEPTH PAVEMENT

PHASE 2: INSTALLATION OF DRAINAGE AND CONDUIT
CONSTRUCTION OF FULL DEPTH PAVEMENT

PHASE 3: CONSTRUCTION OF SHARED USE PATH AND SIDEWALK ON WESTERN SIDE
INSTALLATION OF RRFB

PHASE 4: CONSTRUCTION OF SHARED USE PATH ON EASTERN SIDE
INSTALLATION OF RRFB

PHASE 5: MILL AND OVERLAY PAVEMENT

Y16147.21 MARION PATHWAY (CONSTRUCTION PHASING).DWG Plotted on 20-Oct-2023 12:35 PM

TOWN OF MARION
SHARED-USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	46	274
PROJECT FILE NO.	607979		

FRONT ST (RTE 105) AT SPRING ST
TEMPORARY TRAFFIC CONTROL PLAN
SHEET 1 OF 3

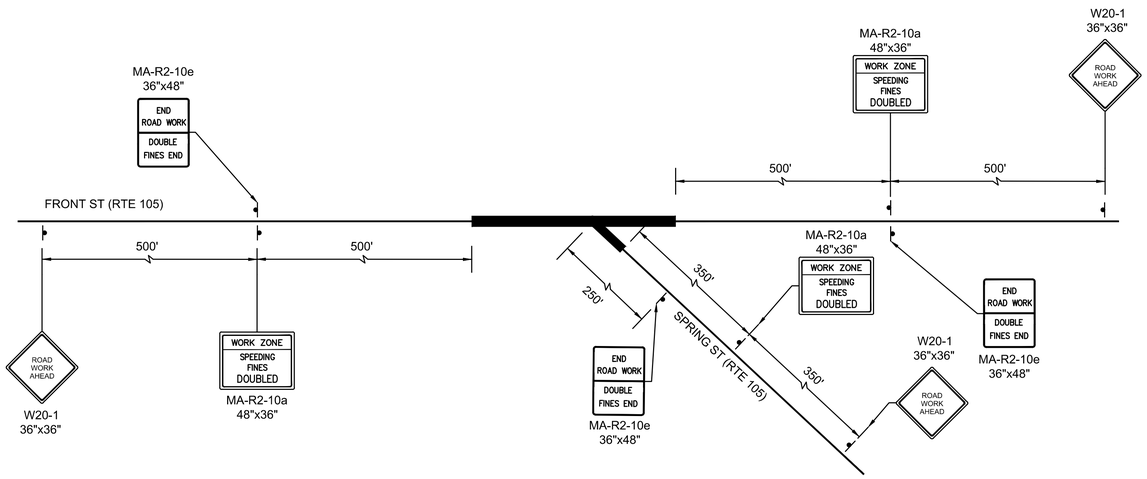
Y16147.21 MARION PATHWAY (TTCP).DWG Plotted on 20-Oct-2023 12:36 PM

TEMPORARY TRAFFIC CONTROL NOTES:

1. ALL TRAFFIC CONTROL DEVICES AND WORK ZONE SET-UPS ARE TO BE IN ACCORDANCE WITH MASSDOT AND MUTCD STANDARDS.
2. DRUM SPACING SHALL BE 35 FEET ON FRONT ST (RTE 105) AND 30 FEET ON SPRING ST (RTE 105).
3. MINIMUM SPACING OF TRAFFIC DEVICES IN A TAPER (DRUMS AND CONES) IS EQUAL IN FEET TO THE POSTED SPEED LIMIT IN MILES PER HOUR.
4. ALL SIGNS SHOWN SHALL BE MOUNTED ON SUITABLE TEMPORARY SUPPORTS SUCH THAT SIGNS ARE CLEARLY VISIBLE TO APPROACHING TRAFFIC.
5. MAINTAIN ACCESS TO ALL DRIVEWAYS AND PEDESTRIAN SIDEWALKS AT ALL TIMES, UNLESS OTHERWISE NOTED.
6. THE FIRST TEN PLASTIC DRUMS OF A TAPER SHALL BE MOUNTED WITH SEQUENTIAL FLASHING LIGHTS.
7. THE ADVISORY SPEED LIMIT, IF REQUIRED, SHALL BE DETERMINED BY THE ENGINEER.
8. DISTANCES ARE A GUIDE AND MAY BE ADJUSTED IN THE FIELD BY THE ENGINEER.
9. MINIMUM LANE WIDTH IS 10 FEET, MEASURED FROM THE EDGE OF DRUMS OR MEDIAN BARRIER.
10. ADA COMPLIANT PEDESTRIAN ACCESS SHALL BE MAINTAINED AT ALL TIMES, INCLUDING PROPER BARRICADES, RAILINGS, RAMPS, AND SIGNAGE FOR PEDESTRIAN DETOURS OR BYPASSES.
11. CONES MAY BE USED IN LIEU OF DRUMS OUTSIDE OF TAPER AREAS.
12. TEMPORARY FACILITIES, INCLUDING BUT NOT LIMITED TO, TEMPORARY PEDESTRIAN PASSAGEWAYS AROUND A CONSTRUCTION SITE, SHALL COMPLY WITH 521 CMR.

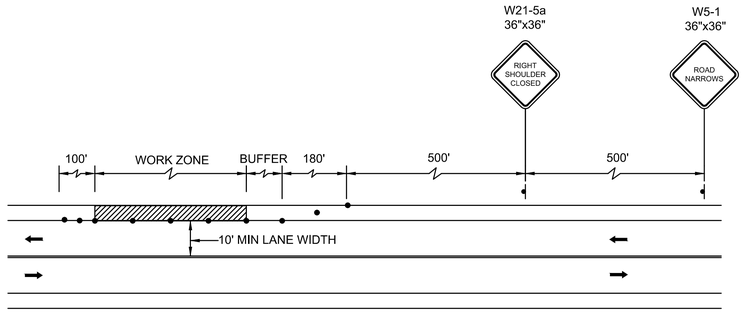
LEGEND:

- WORK AREA
- SIGN
- CHANNELIZING DEVICE
- FLASHING ARROW BOARD
- TYPE III BARRICADE
- PEDESTRIAN CHANNELIZING DEVICE
- PEDESTRIAN WALKWAY AND RAMP
- P/F — POLICE/FLAGGER
- ARROW PANEL SUPPORT TRAILER
- FLOW DIRECTION



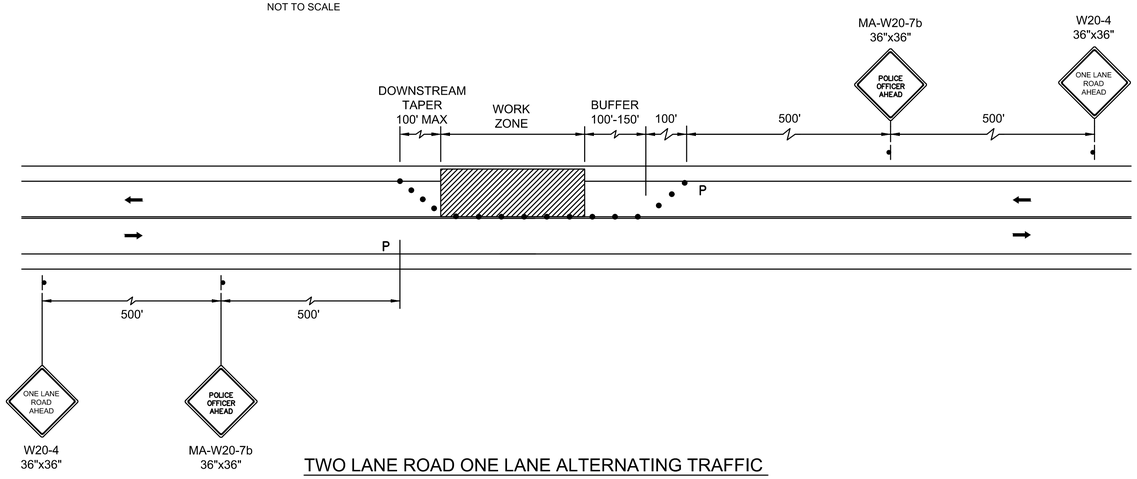
PROJECT LIMIT SIGNING

NOT TO SCALE



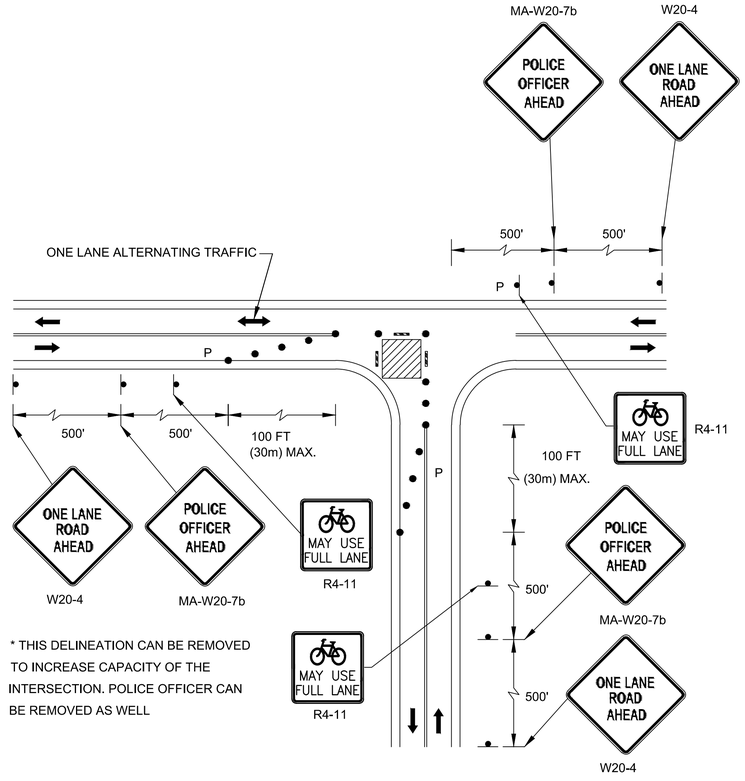
TWO LANE ROAD SHOULDER CLOSURE

NOT TO SCALE



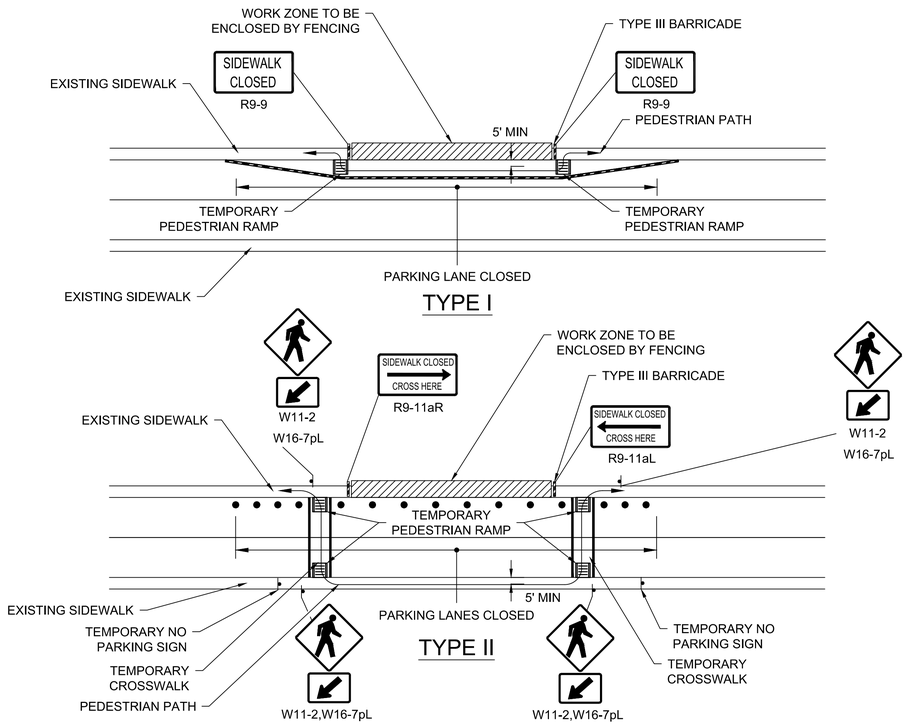
TWO LANE ROAD ONE LANE ALTERNATING TRAFFIC

NOT TO SCALE



TYPICAL TEMPORARY QUADRANT CLOSURE ON TWO-LANE ROAD

NOT TO SCALE



PEDESTRIAN BYPASS

NOT TO SCALE

NOTES

1. ADDITIONAL ADVANCE WARNING MAY BE NECESSARY.
2. CONTROLS ONLY FOR PEDESTRIAN TRAFFIC ARE SHOWN. VEHICULAR TRAFFIC SHOULD BE HANDLED AS SHOWN ELSEWHERE.
3. STREET LIGHTING SHOULD BE CONSIDERED WHEN LOCATING CONTROL DEVICES.
4. IF THE WORK ZONE DOES NOT PERMIT PEDESTRIANS TO TRAVEL ADJACENT TO IT AS SHOWN IN PEDESTRIAN BYPASS TYPE I, TEMPORARY CROSSWALKS WITH APPROPRIATE SIGNS SHOULD BE INSTALLED TO CROSS PEDESTRIANS TO THE OPPOSITE SIDE OF THE STREET AS SHOWN IN PEDESTRIAN BYPASS TYPE II, AND AS DIRECTED BY THE ENGINEER. TEMPORARY CURB RAMPS WILL BE REQUIRED AT ALL TEMPORARY CROSSWALK LOCATIONS THAT DO NOT HAVE AN EXISTING ADA COMPLIANT RAMP.
5. BYPASS IS TO BE USED IN CONJUCTION WITH THE PROPOSED LANE CLOSURE DETAILS AND DURING CONSTRUCTION STAGING, AS DIRECTED BY THE ENGINEER.
6. THE TEMPORARY SIDEWALK SHOULD BE A MINIMUM OF 4 FEET WIDE. IF THIS WALKWAY EXCEEDS 200 FEET THEN A 5 FOOT X 5 FOOT PASSING ZONE. (FOR SHORT TERM SETUPS < 10 HOURS, THIS CONDITION MAY BE WAIVED. A NOTE WOULD NEED TO BE INCLUDED IN THE TTCP THAT STATES HOW THE CONTRACTOR SHOULD ADDRESS THIS ISSUE.)

TOWN OF MARION
SHARED-USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	47	274
PROJECT FILE NO.	607979		

FRONT ST (RTE 105) AT SPRING ST
TEMPORARY TRAFFIC CONTROL PLAN
SHEET 2 OF 3

Plotted on 20-Oct-2023 12:36 PM
Y16147.21 MARION PATHWAY (TTCP).DWG

TOWN OF MARION
SHARED-USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	48	274
PROJECT FILE NO.	607979		

FRONT ST (RTE 105) AT SPRING ST
TEMPORARY TRAFFIC CONTROL PLAN
SHEET 3 OF 3

Plotted on 20-Oct-2023 12:36 PM
Y16147.21 MARION PATHWAY (TTCP).DWG

TEMPORARY TRAFFIC CONTROL SIGN SUMMARY

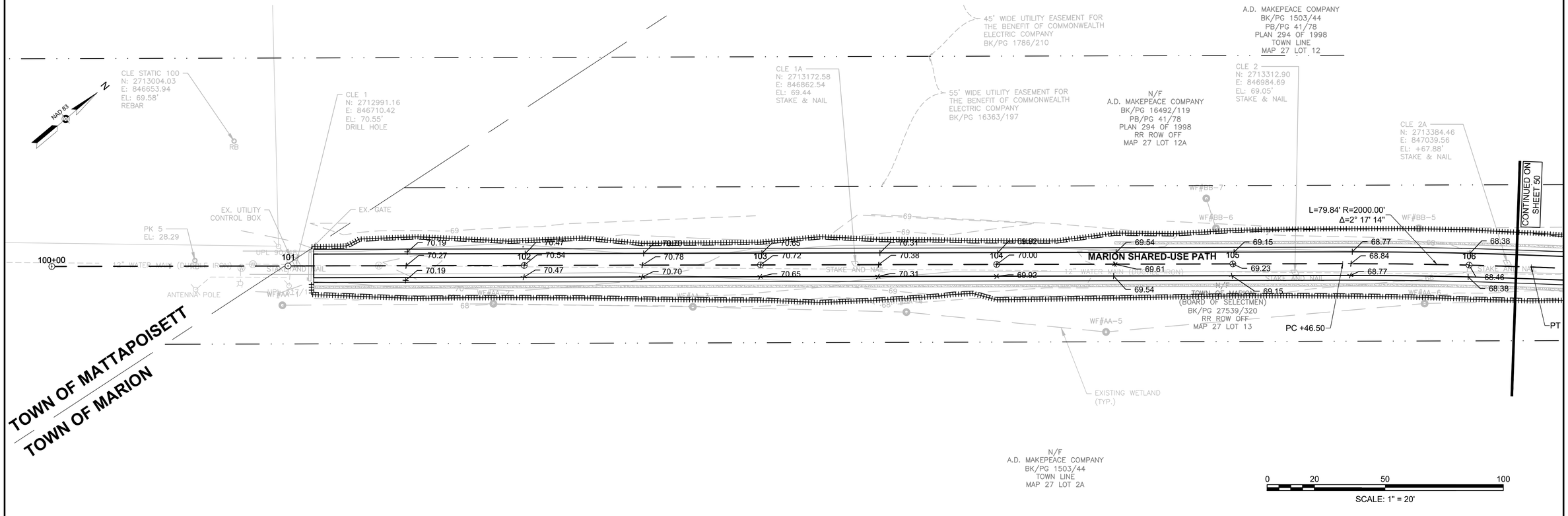
IDENTIFICATION NUMBER	SIZE OF SIGN (IN)		TEXT	TEXT DIMENSIONS (IN)			NUMBER OF SIGNS REQUIRED	COLOR			UNIT AREA (SF)	AREA (SF)
	WIDTH	HEIGHT		LETTER HEIGHT	VERTICAL SPACING	ARROW RTE MKR		BACKGROUND	LEGEND	BORDER		
MA-R2-10a	48	36	WORK ZONE / SPEEDING FINE DOUBLED	SEE MASSDOT STANDARDS			3	FLOURESCENT ORANGE /WHITE	BLACK	BLACK	12.00	36.00
MA-R2-10e	36	48	END ROAD WORK / DOUBLE FINES END				3	FLOURESCENT ORANGE /WHITE	BLACK	BLACK	12.00	36.00
MA-W20-7b	36	36	POLICE OFFICER AHEAD				3	FLOURESCENT ORANGE	BLACK	BLACK	9.00	27.00
R4-11	30	30	MAY USE FULL LANE	SEE 2009 MUTCD			3	WHITE	BLACK	BLACK	6.25	18.75
R9-9	24	18	SIDEWALK CLOSED				2	WHITE	BLACK	BLACK	3.00	6.00
R9-11R	24	18	SIDEWALK CLOSED → CROSS HERE				2	WHITE	BLACK	BLACK	3.00	6.00
R9-11L	24	18	SIDEWALK CLOSED ← CROSS HERE				2	WHITE	BLACK	BLACK	3.00	6.00
W5-1	36	36	ROAD NARROWS				1	FLOURESCENT ORANGE	BLACK	BLACK	9.00	9.00
W11-2	30	30					4	FLUORESCENT ORANGE	BLACK	BLACK	6.25	25.00
W16-7P	24	12					4	FLUORESCENT ORANGE	BLACK	BLACK	2.00	8.00
W20-1	36	36	ROAD WORK AHEAD				3	FLOURESCENT ORANGE	BLACK	BLACK	9.00	27.00
W20-4	36	36	ONE LANE ROAD AHEAD				3	FLOURESCENT ORANGE	BLACK	BLACK	9.00	27.00
W21-5aR	36	36	RIGHT SHOULDER CLOSED				1	FLOURESCENT ORANGE	BLACK	BLACK	9.00	9.00
											TOTAL =	240.75

TOWN OF MARION
SHARED USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	49	274
PROJECT FILE NO.	607979		

CURB TIE & GRADING
SHEET 1 OF 35

607979_CURB TIE & GRADING.DWG Plotted on 27-Oct-2023 11:25 AM



SURVEY CONTROL POINT LOCATIONS (NAD83 MA STATE PLANE)
(PROVIDED BY ALAN M. GRADY, MA-PLS #37732)

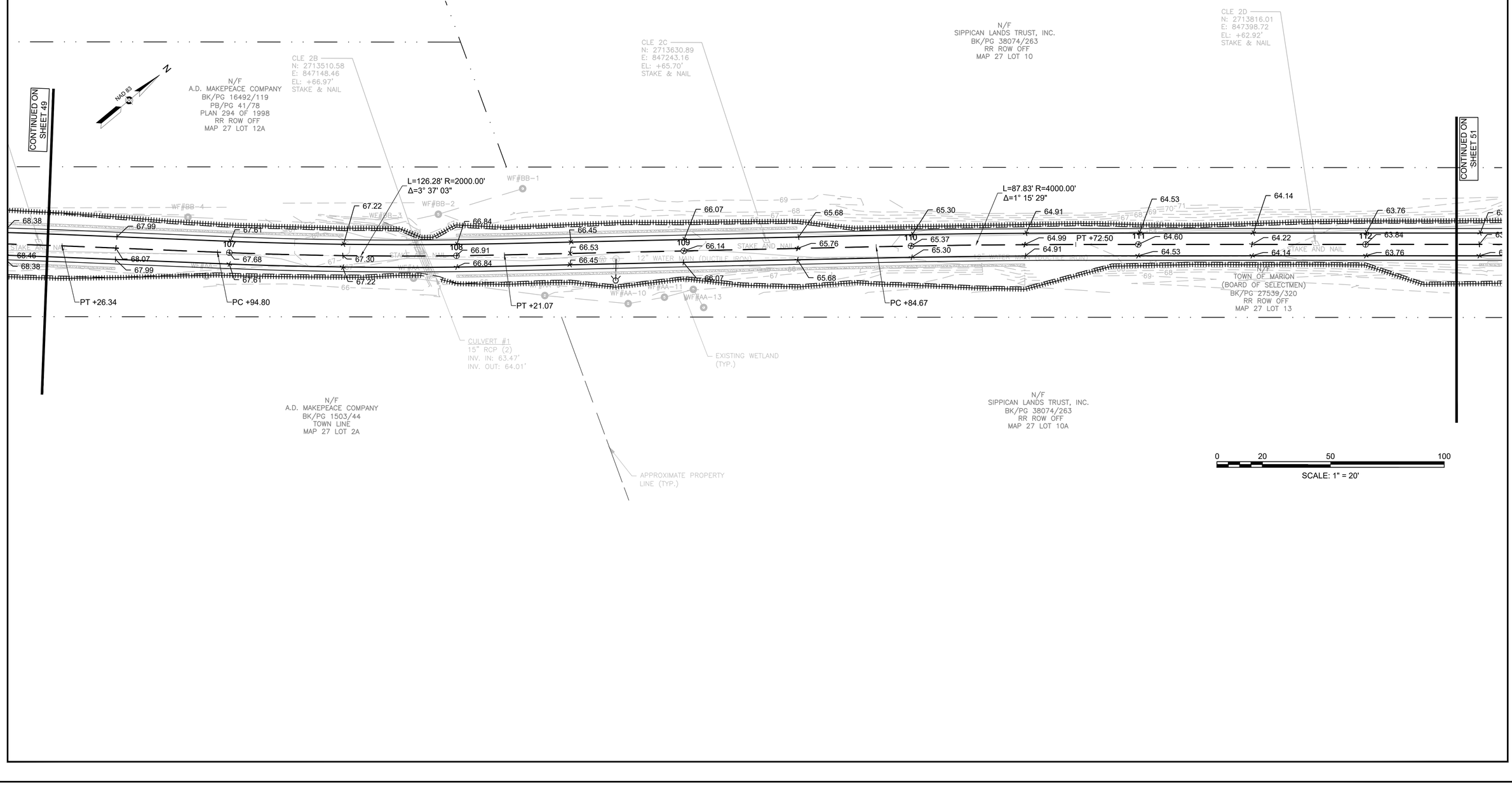
POINT ID	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	2727693.1729	855450.2479	17.2888	MAG SET POINT ROAD
2	2727638.0571	855824.8416	15.0987	MAG SET POINT ROAD
3	2724762.6272	855113.3845	18.2293	DH IN STONE WASHBURN PARK
4	2722947.2229	854773.0125	28.4901	PK BREW FISH
5	2722970.5225	854776.4407	28.2963	MAG FND AT CURB
6	2722767.7813	854888.0868	28.8387	PK FND IN ISLAND
7	2713004.0253	846653.9414	69.5790	I ROD CLE STATIC 1
8	2714417.3948	847898.5878	57.1314	I ROD SET MID PATH
9	2714433.2414	847836.3534	59.5490	I ROAD SET NEAR ROCK
10	2719449.3267	852090.3212	26.7364	IR SET AT SWAMP

TOWN OF MARION
SHARED USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	50	274
PROJECT FILE NO.	607979		

CURB TIE & GRADING
SHEET 2 OF 35

607979_CURB TIE & GRADING.DWG Plotted on 27-Oct-2023 11:25 AM



TOWN OF MARION
SHARED USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	51	274
PROJECT FILE NO.	607979		

CURB TIE & GRADING
SHEET 3 OF 35

607979_CURB TIE & GRADING.DWG Plotted on 27-Oct-2023 11:25 AM

N/F
SIPPICAN LANDS TRUST, INC.
BK/PG 38074/263
RR ROW OFF
MAP 27 LOT 10

NAD 83

CLE 2E
N: 2713902.10
E: 847467.99
EL: +62.05'
STAKE & NAIL

CLE 2F
N: 2714152.77
E: 847680.31
EL: +59.43'
STAKE & NAIL

CLE
N: ;
E: ;
EL: +57.97'
STAKE & NAIL

CONTINUED ON SHEET 49

CONTINUED ON SHEET 52

63.38 63.46 63.38
63.00 63.08 63.00
62.62 62.70 62.62
62.24 62.32 62.24
61.86 61.94 61.86
61.48 61.56 61.48
61.10 61.18 61.10
60.72 60.80 60.72
60.34 60.41 60.34
59.96 60.03 59.96
59.58 59.65 59.58
59.20 59.27 59.20
59.62 58.89 59.82

113 114 115 116 117 118

STAKE AND NAIL

12" WATER MAIN (DUCTILE IRON)

L=62.54' R=5000.00'
Δ=0° 43' 00"

L=61.96' R=4500.00'
Δ=0° 47' 20"

PT +51.61

PC +77.06

PT +39.61

PC +89.65

N/F
TOWN OF MARION
(BOARD OF SELECTMEN)
BK/PG 27539/320
RR ROW OFF
MAP 27 LOT 13

N/F
SIPPICAN LANDS TRUST, INC.
BK/PG 38074/263
RR ROW OFF
MAP 27 LOT 10A

WF#A-1 WF#A-2 WF#A-3 WF#A-4 WF#A-5 WF#A-6
WF#B-12 WF#B-14 WF#B-16 WF#B-10 WF#B-

EXISTING WETLAND (TYP.)

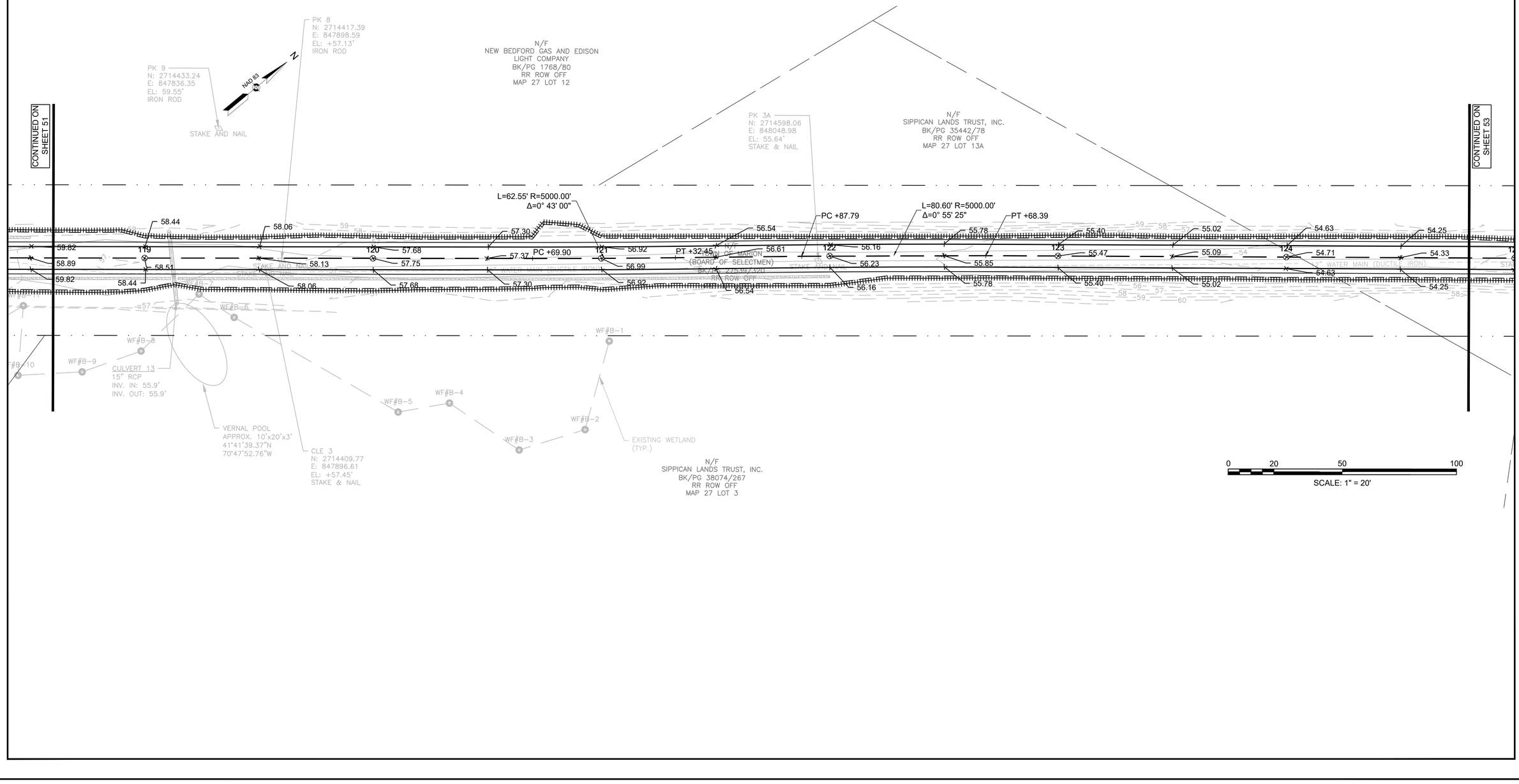
0 20 50 100
SCALE: 1" = 20'

TOWN OF MARION
SHARED USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	52	271
PROJECT FILE NO.	607979		

CURB TIE & GRADING
SHEET 4 OF 35

607979_CURB TIE & GRADING.DWG Plotted on 27-Oct-2023 11:25 AM

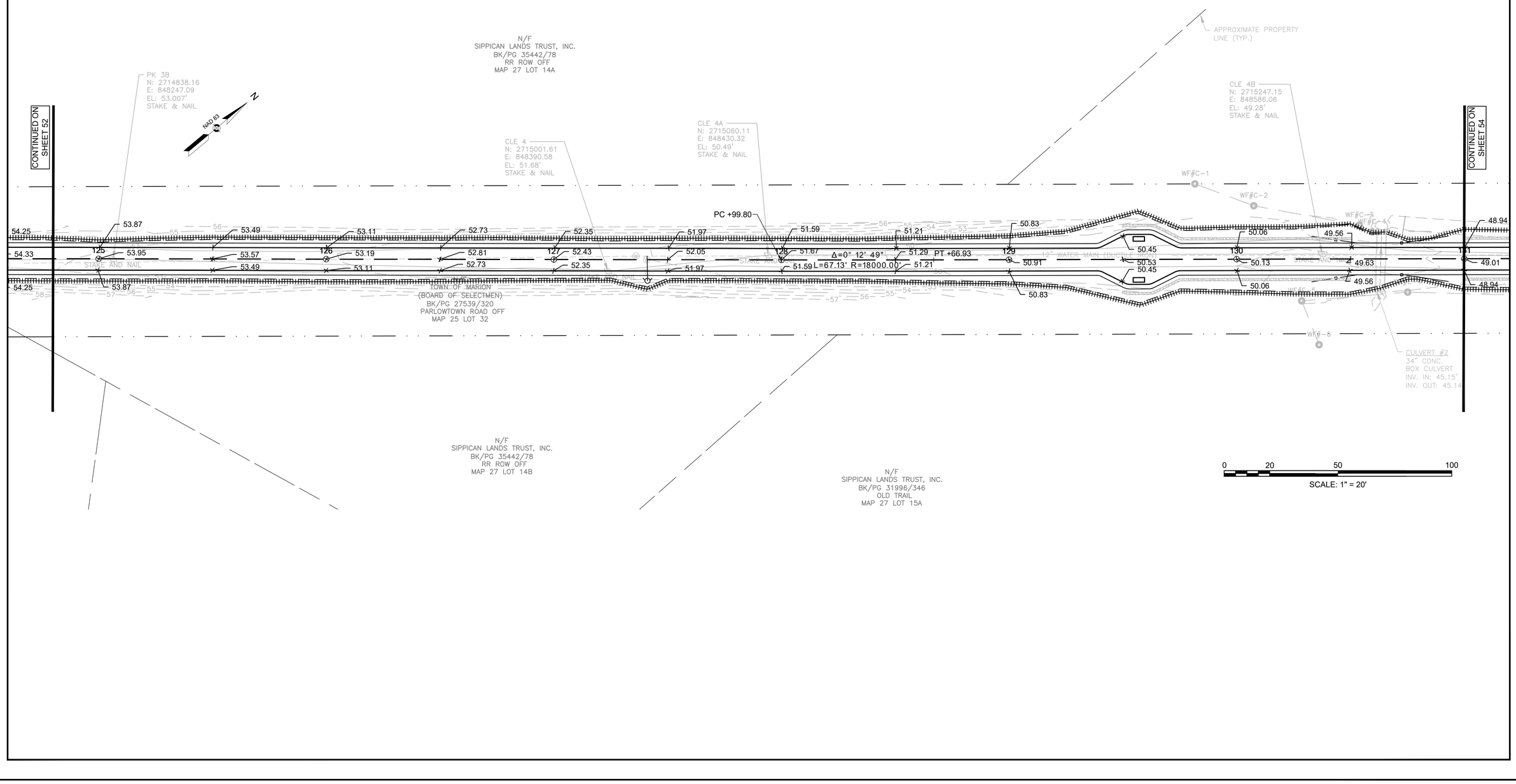


TOWN OF MARION
SHARED USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	53	274
PROJECT FILE NO.	607979		

CURB TIE & GRADING
SHEET 5 OF 35

607979_CURB TIE & GRADING.DWG Plotted on 27-Oct-2023 11:25 AM

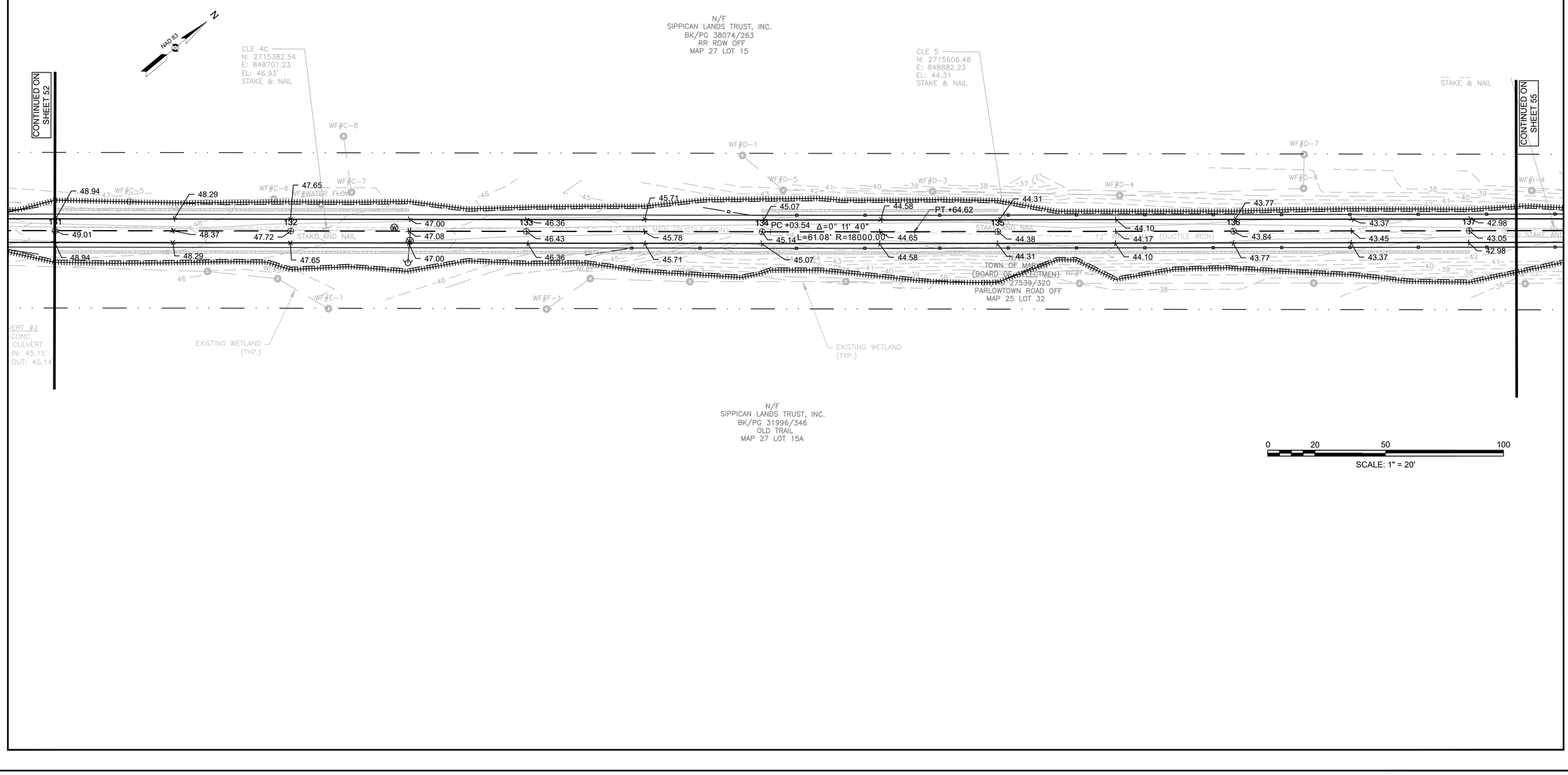


TOWN OF MARION
SHARED USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	54	274
PROJECT FILE NO.	607979		

CURB TIE & GRADING
SHEET 6 OF 35

607979_CURB TIE & GRADING.DWG Plotted on 27-Oct-2023 11:25 AM

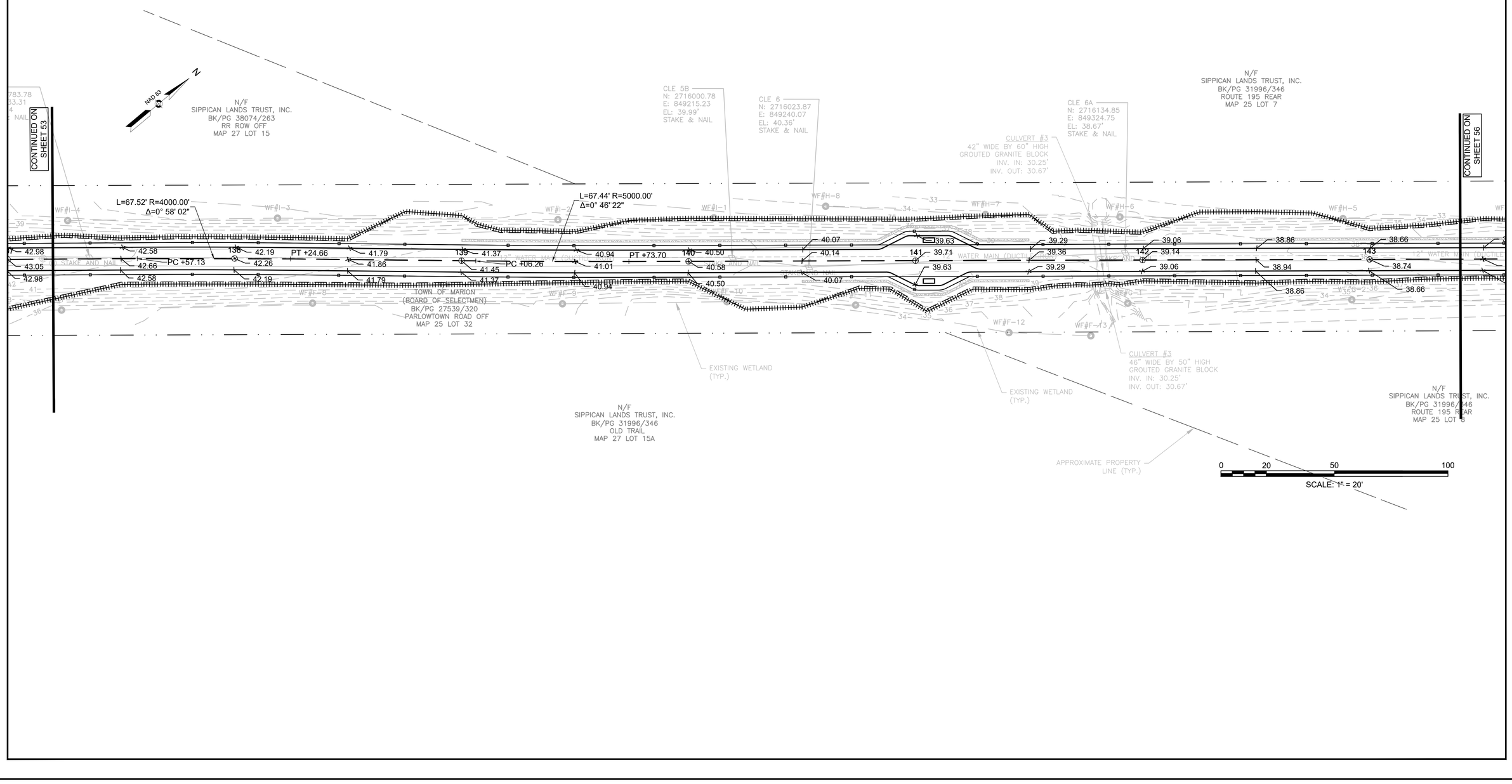


TOWN OF MARION
SHARED USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	55	274
PROJECT FILE NO.	607979		

CURB TIE & GRADING
SHEET 7 OF 35

607979_CURB TIE & GRADING.DWG Plotted on 27-Oct-2023 11:25 AM

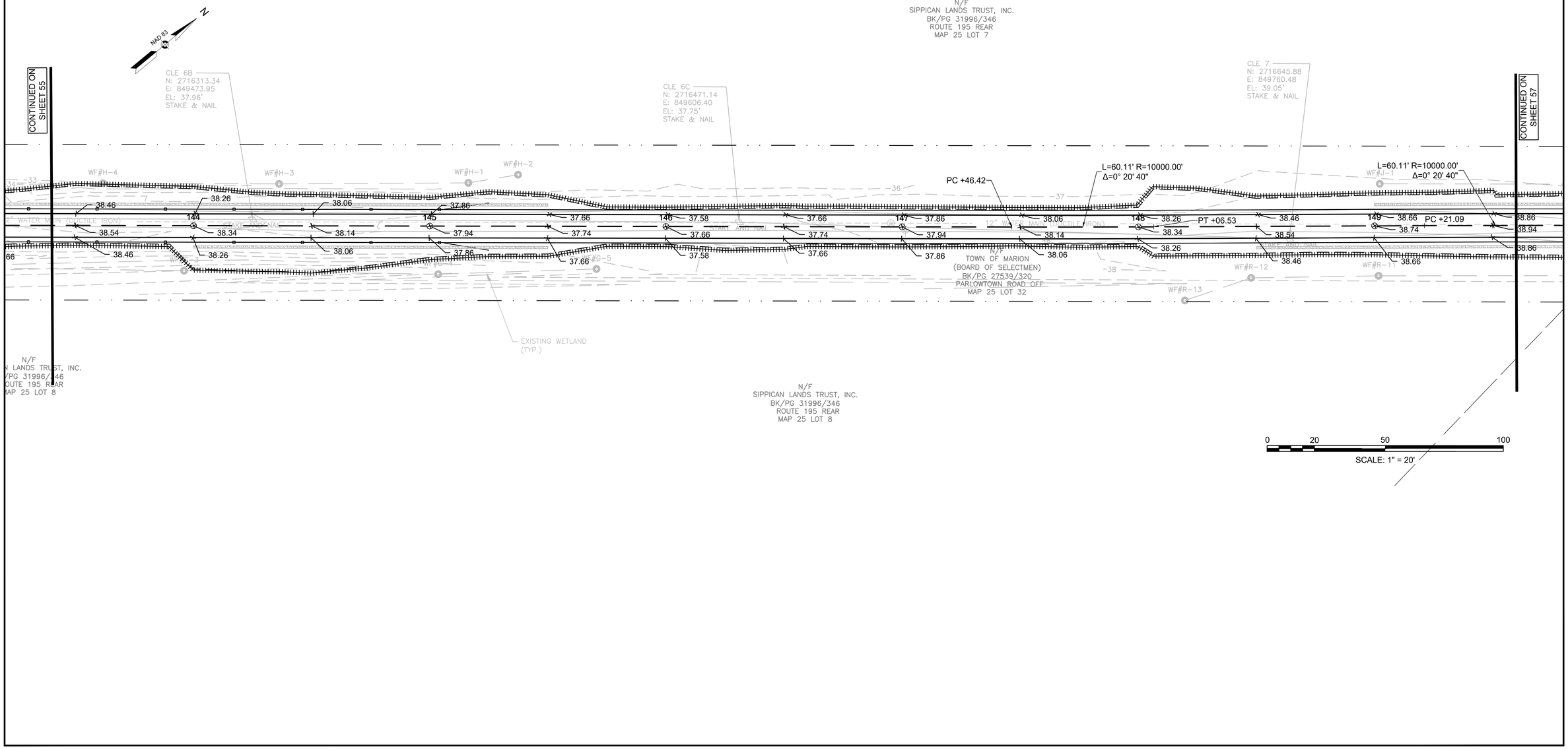


TOWN OF MARION
SHARED USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	56	274
PROJECT FILE NO.	607979		

CURB TIE & GRADING
SHEET 8 OF 35

607979_CURB TIE & GRADING.DWG Plotted on 27-Oct-2023 11:25 AM

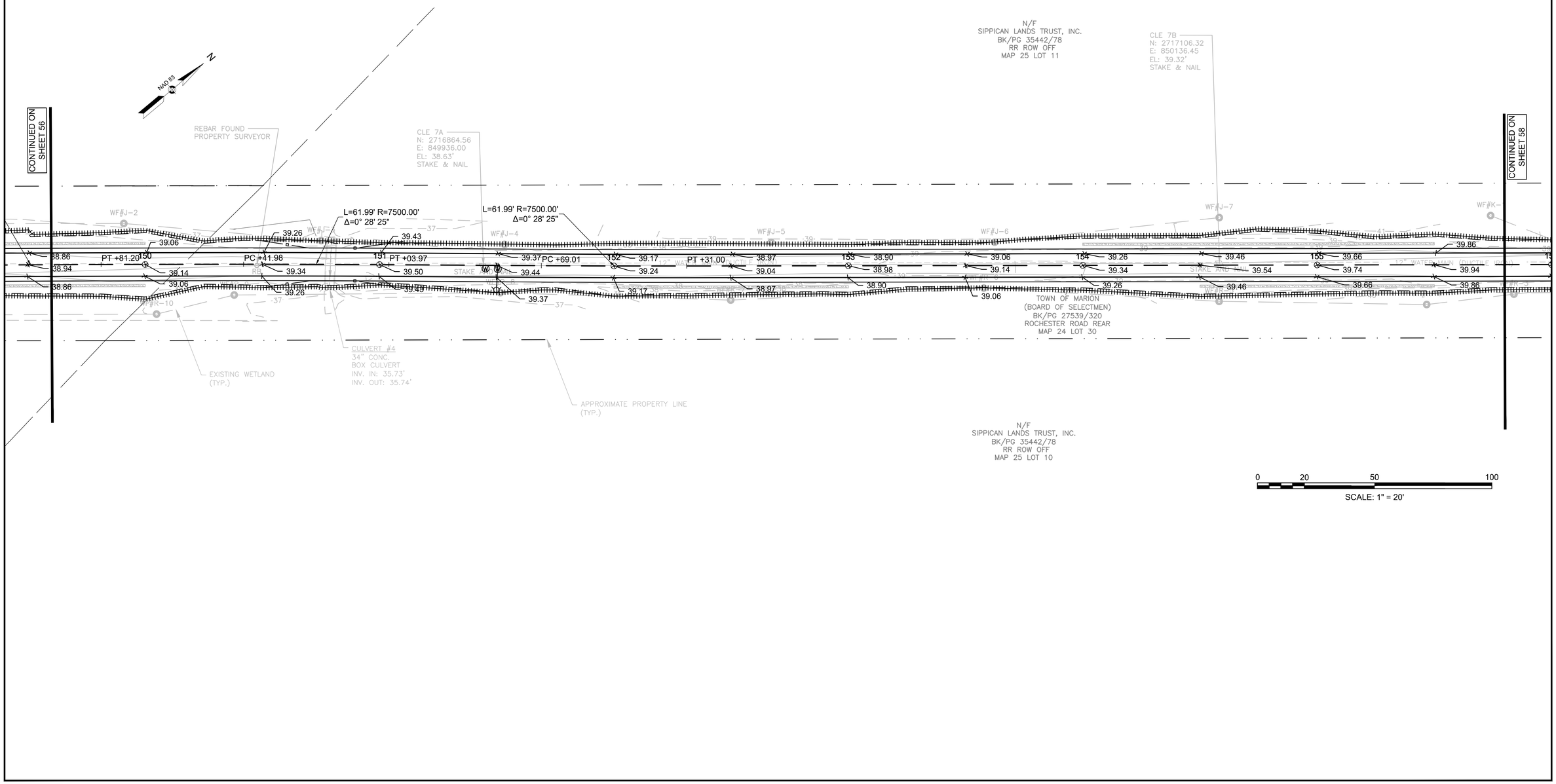


TOWN OF MARION
SHARED USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	57	274
PROJECT FILE NO.	607979		

CURB TIE & GRADING
SHEET 9 OF 35

607979_CURB TIE & GRADING.DWG Plotted on 27-Oct-2023 11:25 AM



TOWN OF MARION
SHARED USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	58	274
PROJECT FILE NO.	607979		

CURB TIE & GRADING
SHEET 10 OF 35

607979_CURB TIE & GRADING.DWG Plotted on 27-Oct-2023 11:25 AM

N/F
SIPPICAN LANDS TRUST, INC.
BK/PG 35442/78
RR ROW OFF
MAP 25 LOT 11

N/F
WARREN H. HILLER
BK/PG 5055/417
ROUTE 195
MAP 25 LOT 12

CLE 8
N: 2717296.95
E: 850287.98
EL: 39.93'
STAKE & NAIL

CLE 8A
N: 2717375.29
E: 850361.05
EL: 39.42'
STAKE & NAIL

CLE 8B
N: 2717511.18
E: 850473.37
EL: 39.22'
STAKE & NAIL

CLE 8C
N: 2717660.22
E: 850597.90
EL: 39.02'
STAKE & NAIL

CONTINUED ON SHEET 56

CONTINUED ON SHEET 59

WF#K–1 WF#K–2 WF#K–3 WF#K–4 WF#L–1 WF#L–2 WF#L–3 WF#P–5

12" WATER MAIN (DUCTILE IRON)

STAKE AND NAIL

39.86	156	40.06	40.26	157	40.45	40.53	158	40.49	40.33	159	40.13	39.93	160	39.73	39.53	161	39.33	39.13	162	38.93				
39.94		40.14	40.34		40.52	40.61		40.57	40.40		40.20	40.01		39.81	39.61		39.41	39.21		39.0				
39.86		40.06	40.26		40.45	40.53		40.49	40.33		40.13	39.93		39.73	39.53		39.33	39.13		38.93				

N/F
TOWN OF MARION
(BOARD OF SELECTMEN)
BK/PG 27539/320
ROCHESTER ROAD REAR
MAP 24 LOT 30

EXISTING WETLAND
(TYP.)

N/F
SIPPICAN LANDS TRUST, INC.
BK/PG 35442/78
RR ROW OFF
MAP 25 LOT 10

N/F
SIPPICAN LANDS TRUST, INC.
BK/PG 4772/428
PB/PL 21/343
PLAN 939 OF 1979
LUCE AVE OFF
MAP 24 LOT 13

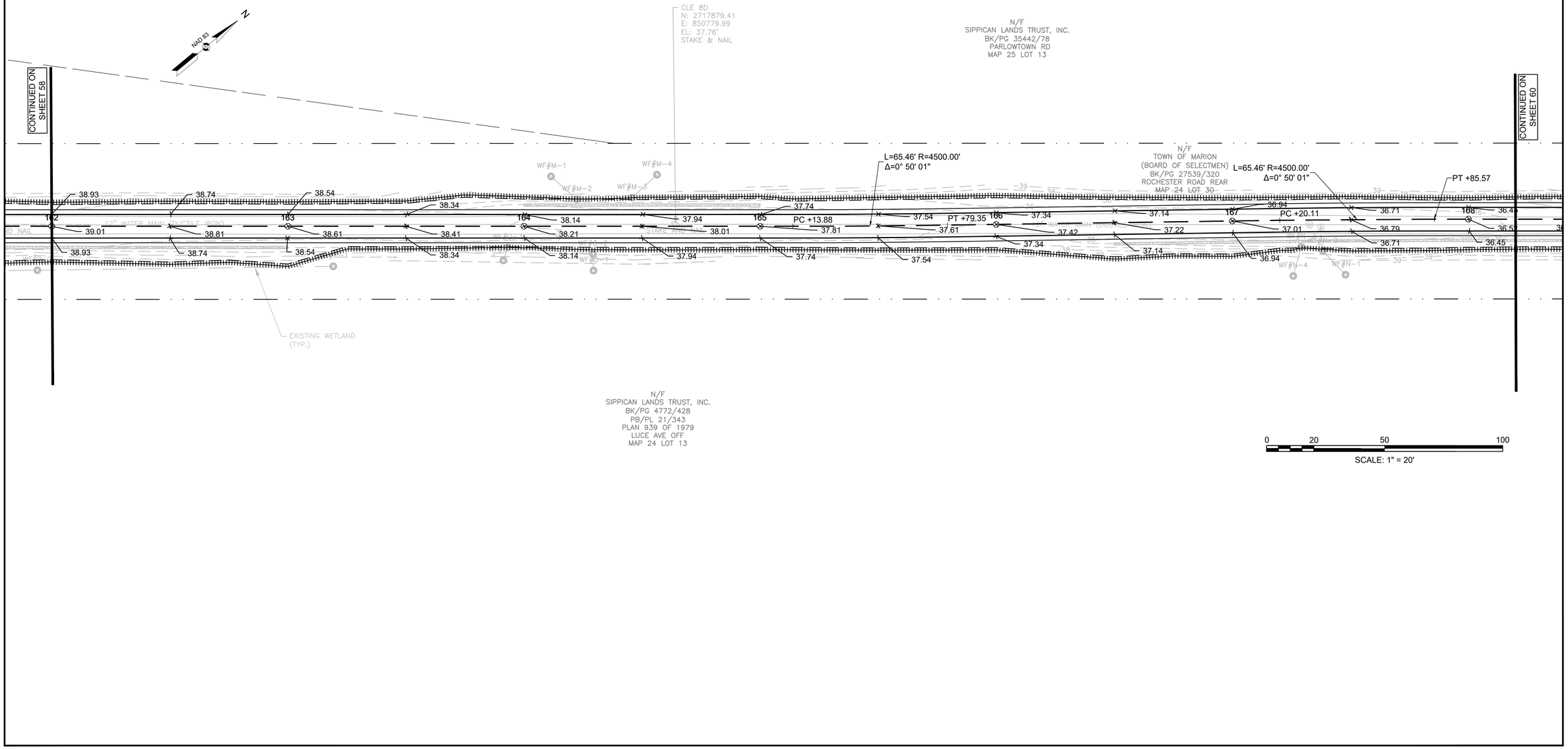
0 20 50 100
SCALE: 1" = 20'

TOWN OF MARION
SHARED USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	59	274
PROJECT FILE NO.	607979		

CURB TIE & GRADING
SHEET 11 OF 35

607979_CURB TIE & GRADING.DWG Plotted on 27-Oct-2023 11:25 AM



TOWN OF MARION
SHARED USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	60	274
PROJECT FILE NO.	607979		

CURB TIE & GRADING
SHEET 12 OF 35

607979_CURB TIE & GRADING.DWG Plotted on 27-Oct-2023 11:25 AM

N/F
SIPPICAN LANDS TRUST, INC.
BK/PG 35442/78
PARLOWTOWN RD
MAP 25 LOT 13

NAD 83

CLE 9
N: 2718187.10
E: 851036.39
EL: 35.62'
STAKE & NAIL

CLE 10
N: 2718459.80
E: 851262.89
EL: 33.93'
STAKE & NAIL

CLE 11
N: 2718616.25
E: 851394.30
EL: 32.71'
STAKE & NAIL

CONTINUED ON SHEET 59

CONTINUED ON SHEET 61

85.57

36.45 36.18 169 35.91 35.64 170 35.38 35.11 171 34.84 34.57 172 34.30 34.04 173 33.77 33.50 174 33.23

36.51 36.26 35.99 35.72 35.45 35.18 34.92 34.65 34.38 34.11 33.84 33.58 33.31

STAKE AND NAIL

12" WATER MAIN (DUCTILE IRON)

N/F
TOWN OF MARION
(BOARD OF SELECTMEN)
BK/PG 27539/320
ROCHESTER ROAD REAR
MAP 24 LOT 30

12" WATER MAIN (DUCTILE IRON)

20' WIDE TOWN UTILITY EASEMENT
BK/PG 35479/115
PB/PL 53/1107
PLAN 14 OF 2008

N/F
SIPPICAN LANDS TRUST, INC.
BK/PG 4772/428
PB/PL 21/343
PLAN 939 OF 1979
LUCE AVE OFF
MAP 24 LOT 13

N/F
SIPPICAN LANDS TRUST, INC.
BK/PG 4772/428
PB/PL 21/343
PLAN 939 OF 1979
LUCE AVE OFF
MAP 24 LOT 13

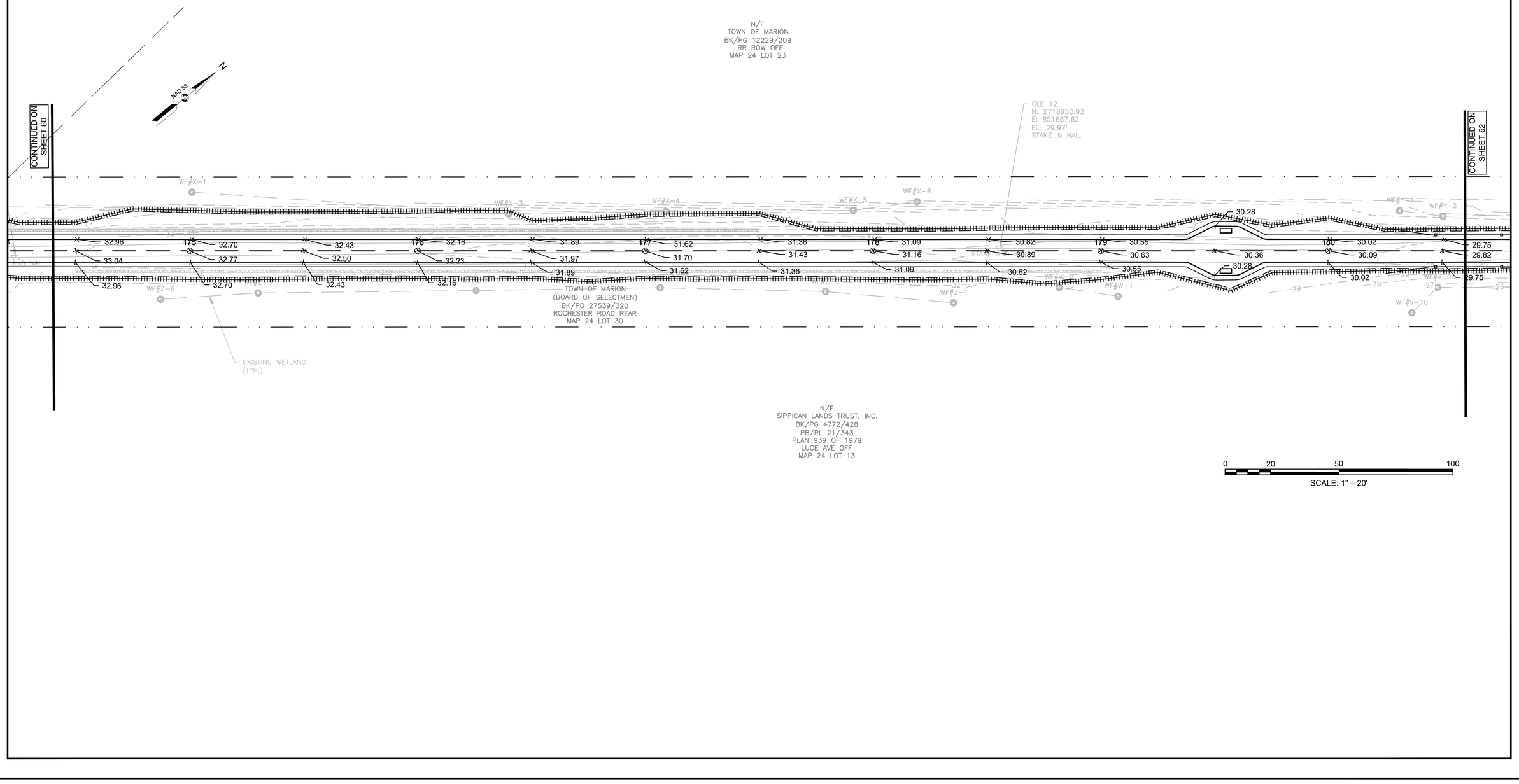
0 20 50 100
SCALE: 1" = 20'

TOWN OF MARION
SHARED USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	61	274
PROJECT FILE NO.	607979		

CURB TIE & GRADING
SHEET 13 OF 35

607979_CURB TIE & GRADING.DWG Plotted on 27-Oct-2023 11:26 AM

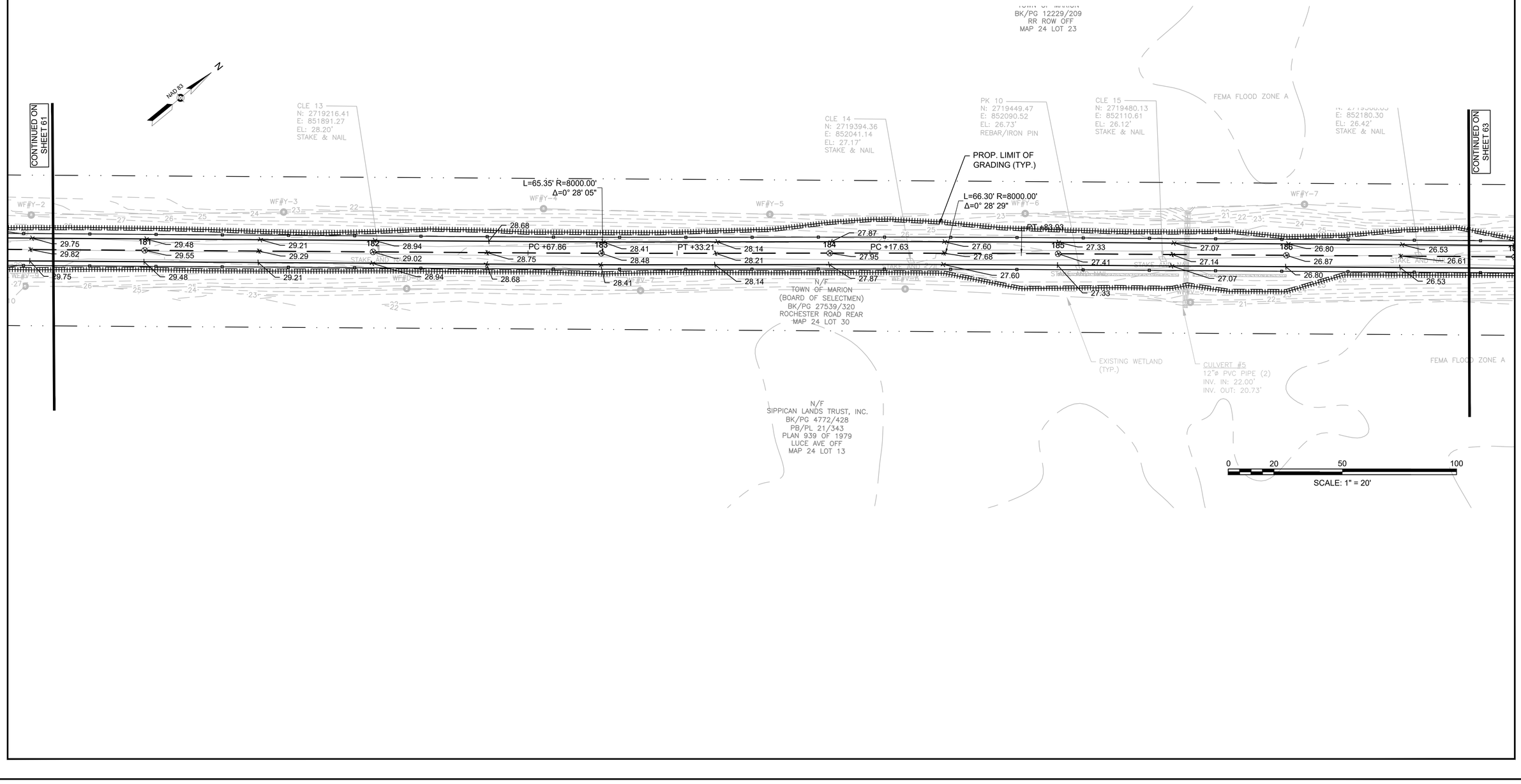


TOWN OF MARION
SHARED USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	62	274
PROJECT FILE NO.	607979		

CURB TIE & GRADING
SHEET 14 OF 35

607979_CURB TIE & GRADING.DWG Plotted on 27-Oct-2023 11:26 AM

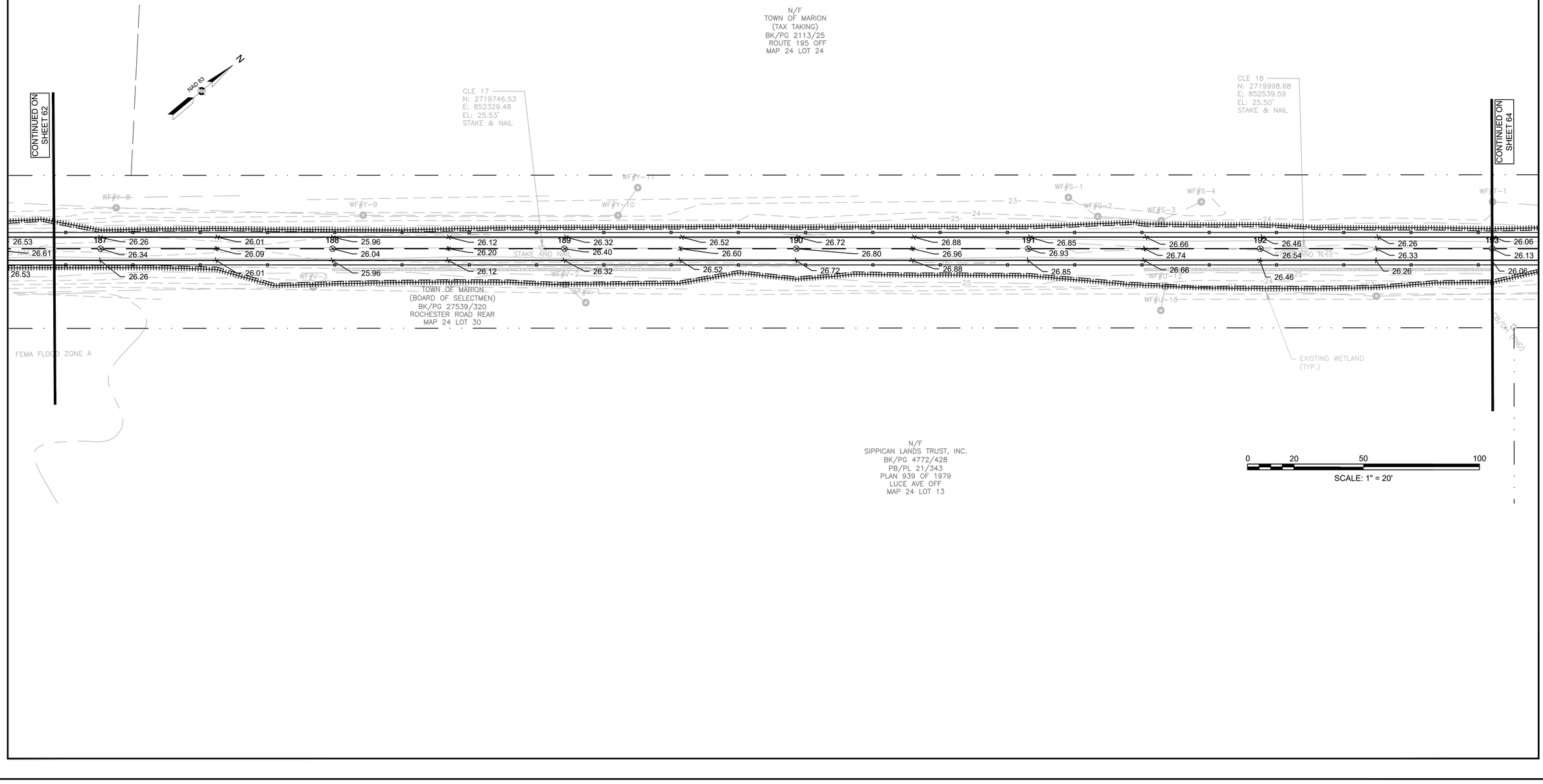


TOWN OF MARION
SHARED USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	63	274
PROJECT FILE NO.	607979		

CURB TIE & GRADING
SHEET 15 OF 35

607979_CURB TIE & GRADING.DWG Plotted on 27-Oct-2023 11:26 AM

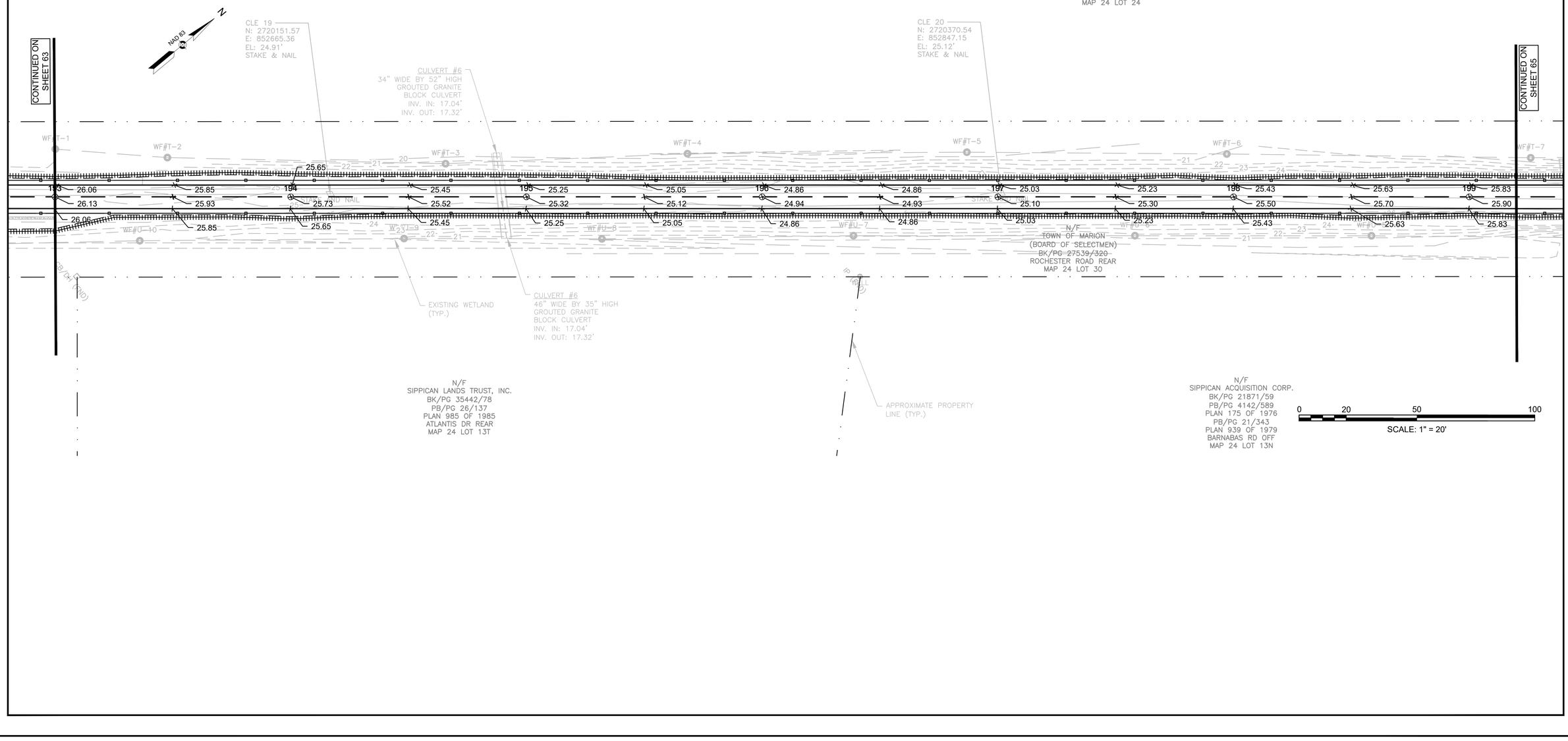


TOWN OF MARION
SHARED USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	64	274
PROJECT FILE NO.	607979		

CURB TIE & GRADING
SHEET 16 OF 35

607979_CURB TIE & GRADING.DWG Plotted on 27-Oct-2023 11:26 AM

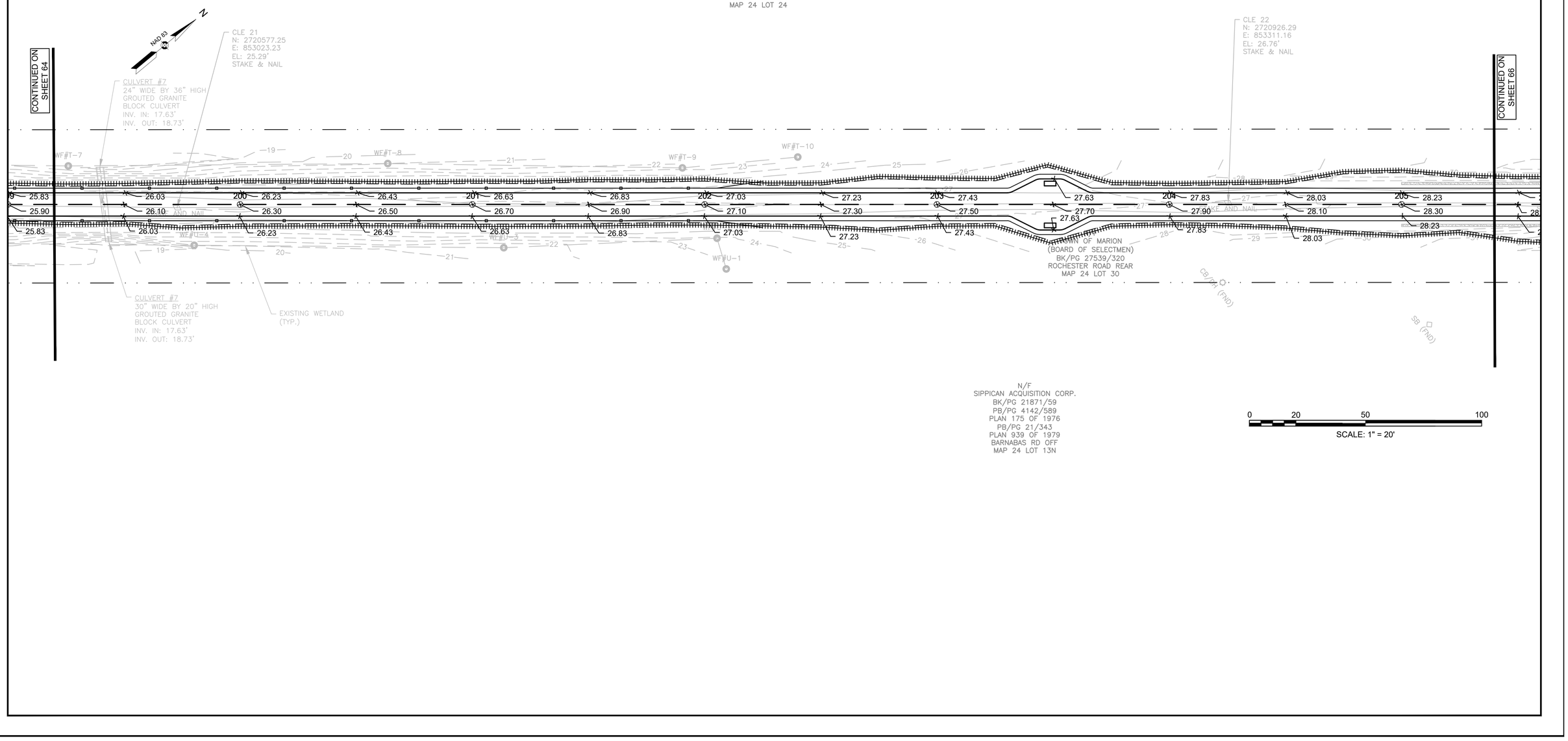


TOWN OF MARION
SHARED USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	65	274
PROJECT FILE NO.	607979		

CURB TIE & GRADING
SHEET 17 OF 35

607979_CURB TIE & GRADING.DWG Plotted on 27-Oct-2023 11:26 AM

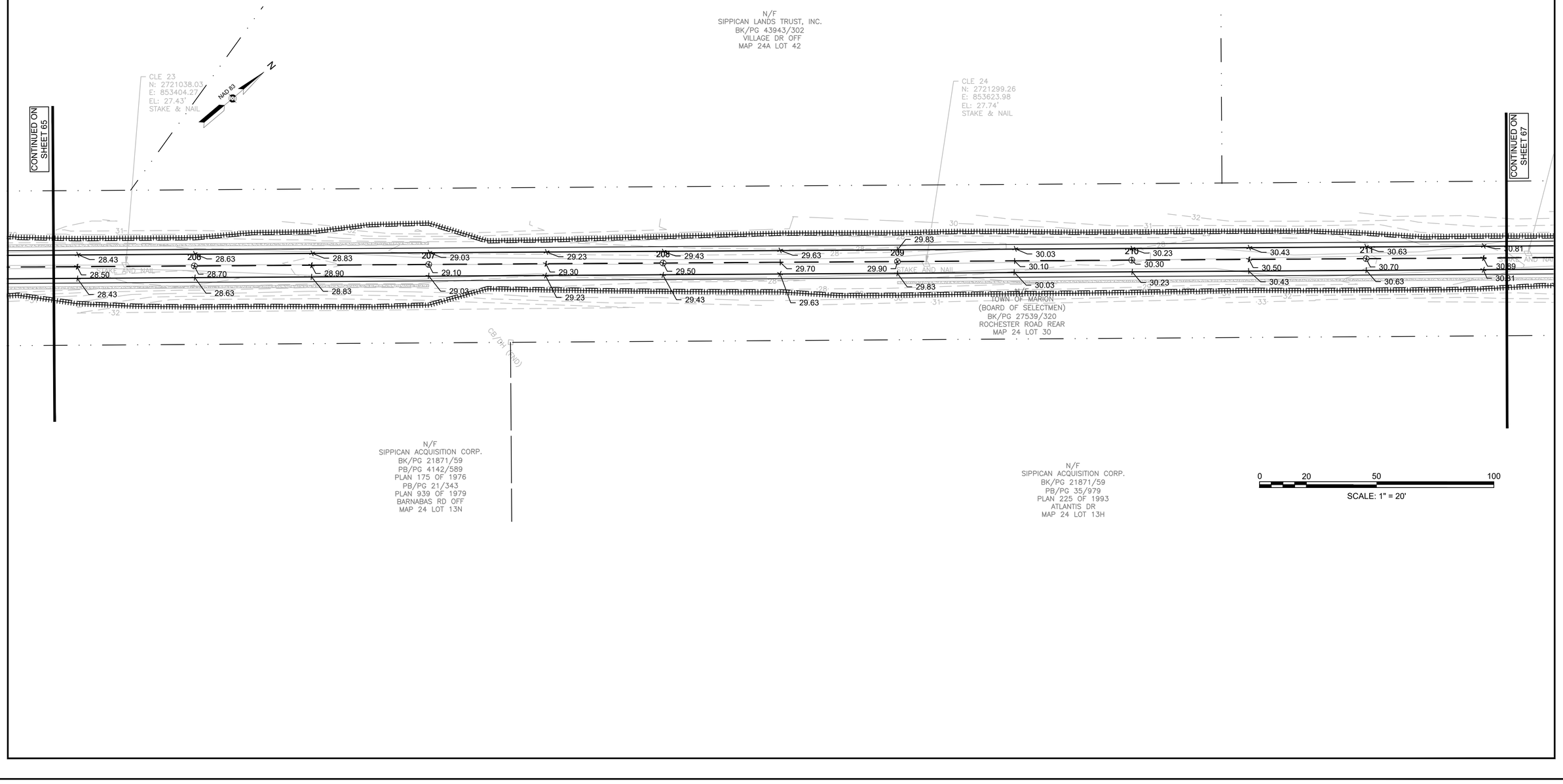


TOWN OF MARION
SHARED USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	66	274
PROJECT FILE NO.	607979		

CURB TIE & GRADING
SHEET 18 OF 35

607979_CURB TIE & GRADING.DWG Plotted on 27-Oct-2023 11:26 AM

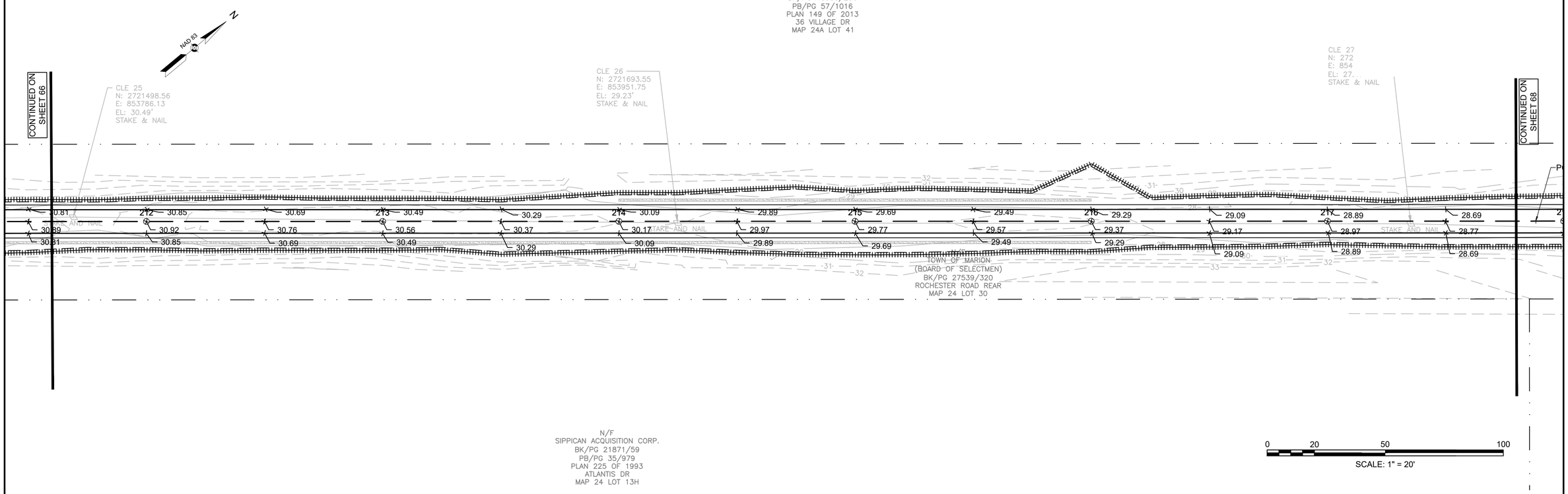


TOWN OF MARION
SHARED USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	67	274
PROJECT FILE NO.	607979		

CURB TIE & GRADING
SHEET 19 OF 35

607979_CURB TIE & GRADING.DWG Plotted on 27-Oct-2023 11:26 AM

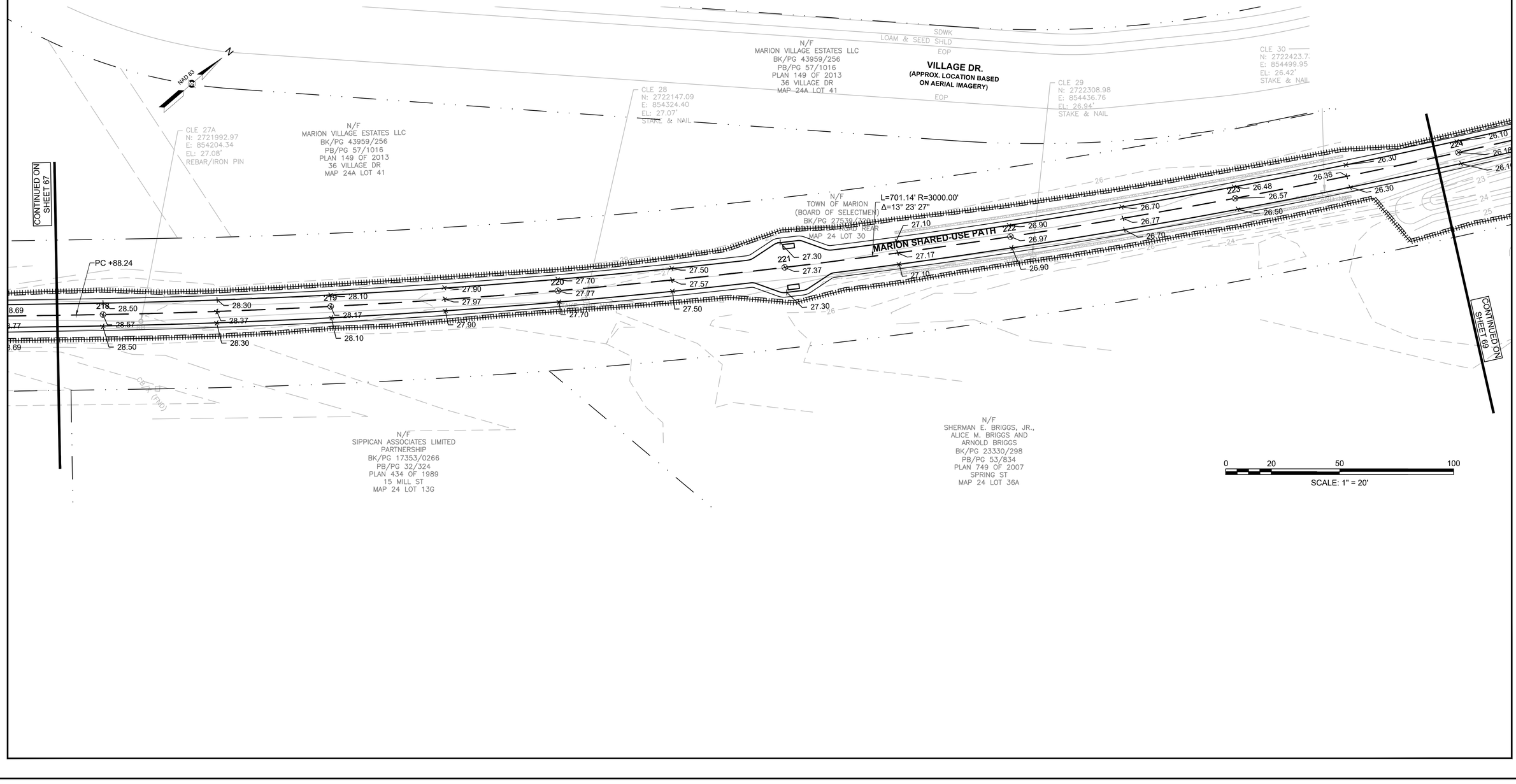


TOWN OF MARION
SHARED USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	68	274
PROJECT FILE NO.	607979		

CURB TIE & GRADING
SHEET 20 OF 35

607979_CURB TIE & GRADING.DWG Plotted on 27-Oct-2023 11:26 AM

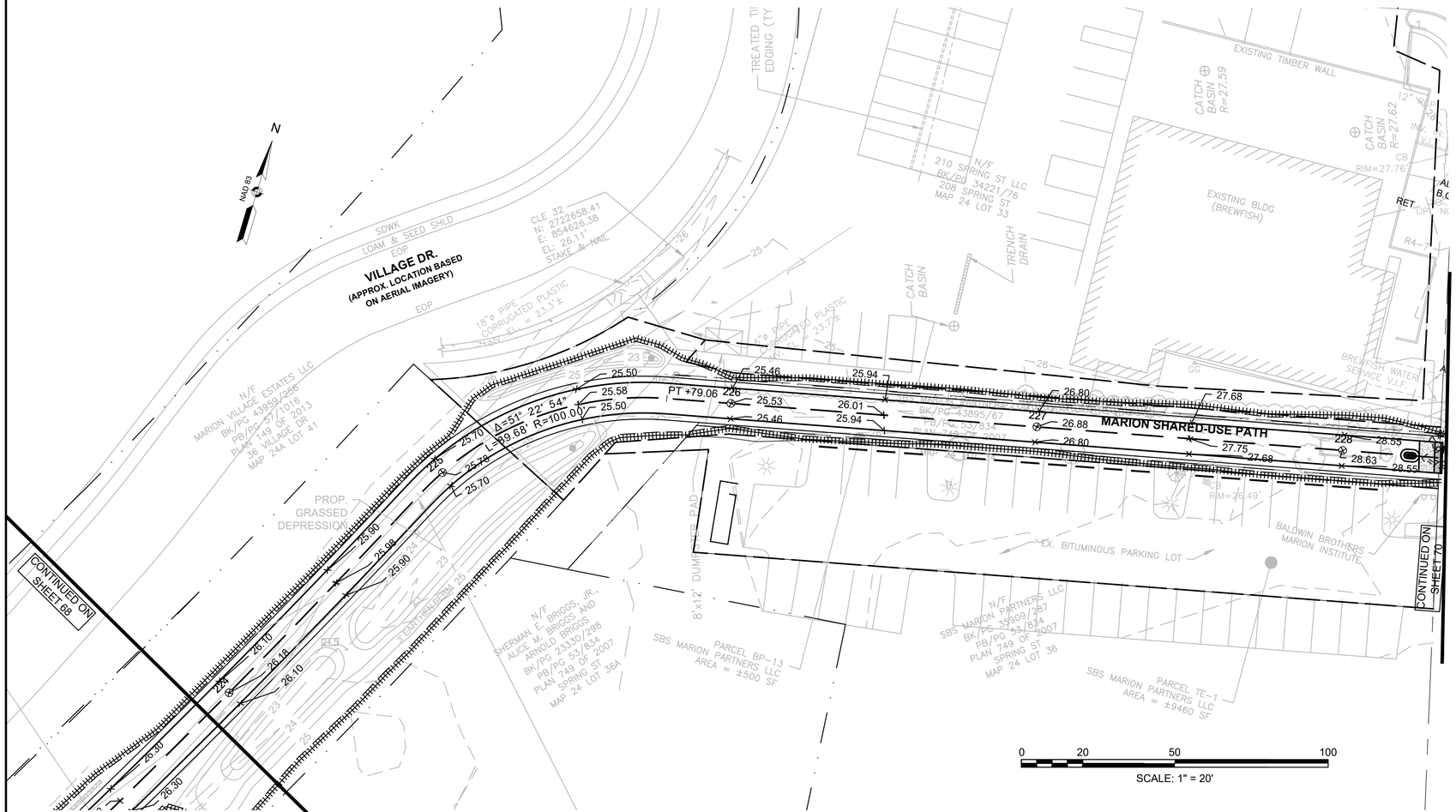


TOWN OF MARION
SHARED USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	69	274
PROJECT FILE NO.	607979		

CURB TIE & GRADING
SHEET 21 OF 35

607979_CURB TIE & GRADING.DWG Plotted on 27-Oct-2023 11:26 AM



TOWN OF MARION
SHARED-USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	70	274
PROJECT FILE NO.		607979	

FRONT ST (RTE 105) AT SPRING ST
CURB TIE & GRADING
SHEET 22 OF 35

Y16\47.21 MARION PATHWAY (CURB TIE).DWG Plotted on 20-Oct-2023 12:36 PM

CURVE TABLE				
CURVE #	RADIUS	LENGTH	TANGENT	DELTA
C100	950.00	227.95	114.523	13°44'52"
C101	1027.57	125.32	62.739	6°59'16"
C102	10.00	3.79	1.920	21°44'06"
C103	3.00	2.88	1.561	54°58'45"
C104	3.00	6.44	5.519	122°56'40"
C105	25.00	33.80	20.048	77°27'09"
C106	50.00	48.55	26.379	55°37'49"
C107	10.00	15.80	10.096	90°32'46"
C109	35.00	40.27	22.695	65°55'18"
C110	10.00	15.53	9.827	89°00'09"

N/F
CAROL A. DITATA AND GABRIEL J. DITATA, TRUSTEES OF THE CAROL A. DITATA REVOCABLE LIVING TRUST
BK/PG 40210/0182
385 FRONT ST
MAP 11 LOT 44

N/F
THEODORE LAYCOCK
BK/PG 10097/21
391 FRONT ST
MAP 11 LOT 43

N/F
THEODORE LAYCOCK AND MILTON LAYCOCK
BK/PG 10028/331
PB/PG 43/1158
PLAN 772 OF 2000
FRONT ST
MAP 11 LOT 25

N/F
MEM REALTY TRUST
BK/PG 16177/0114
381 FRONT ST
MAP 11 LOT 45

N/F
MARION OPEN SPACE ACQUISITION COMMISSION
BK/PG: 38460/309
FRONT ST OFF
MAP 11 LOT 60

N/F
375 FRONT STREET, LLC
BK/PG 47948/92
PB/PG 7/712
375 FRONT ST
MAP 11 LOT 61A

N/F
NANCY GEHRING
BK/PG 41360/197
PB/PG 7/712
373 FRONT ST
MAP 11 LOT 61

N/F
GEHRING NANCY
BK/PG 41360/0197
FRONT ST
MAP 11 LOT 62

N/F
REAL INVESTMENTS, LLC
BK/PG 37663/170
374 FRONT ST
MAP 13 LOT 17

N/F
REAL INVESTMENTS, LLC
BK/PG 37896/249
368 FRONT ST
MAP 13 LOT 18

N/F
MARION LANDS TRUST LLC
BK/PG 43949/34
PB/PG 57/1016
PLAN 149 OF 2013
VILLAGE DR
MAP 24A LOT 39

N/F
210 SPRING ST LLC
BK/PG 34221/76
208 SPRING ST
MAP 24 LOT 33

N/F
TOWN OF MARION
(BOARD OF SELECTMEN)
BK/PG 27539/320
ROCHESTER ROAD REAR
MAP 24 LOT 30

N/F
SBS MARION PARTNERS LLC
BK/PG 35909/287
PB/PG 53/834
PLAN 749 OF 2007
SPRING ST
MAP 24 LOT 36

N/F
SHERMAN E. BRIGGS, JR., ALICE M. BRIGGS AND ARNOLD BRIGGS
BK/PG 23330/298
PB/PG 53/834
PLAN 749 OF 2007
SPRING ST
MAP 24 LOT 36A

FRONT ST (RTE 105)
1903 LAYOUT 842
1903 LAYOUT 823
1903 BASELINE
TOWN LAYOUT
SPRING ST (RTE 105)

LIMIT OF WORK
STA 103+00
N2722716.2592
E854957.3386

LIMIT OF WORK
STA 201+18.96
N2722644.6136
E854910.6890

PC STA: 100+52.29
OFFSET: 14.47 LT

PC STA: 100+53.55
OFFSET: 15.19 RT

PROP CR #1

STA: 102+99.97
OFFSET: -12.50 LT

PT STA: 102+83.31
OFFSET: 12.50 LT

N23°22'28"E
26.63'

PT STA: 102+80.45
OFFSET: 12.30 RT

STA: 103+00.00
OFFSET: 12.30 RT

PT STA: 102+67.91

PC STA: 102+24.81

PROP CR #PED-20949
N10°07'05"E
22.93'

PCC STA: 200+22.18
OFFSET: 12.48 LT

PC STA: 200+76.05
OFFSET: 10.00 LT

N84°39'17"E
24.12'

STA: 201+19.00
OFFSET: 10.00 LT

PT +70.14

PROP DWY #1

PT STA: 101+20.26
OFFSET: 26.20 RT

PC STA: 101+21.03
OFFSET: 29.90 RT

PT STA: 101+25.16
OFFSET: 40.08 RT

PC STA: 101+27.19
OFFSET: 41.85 RT

PC STA: 101+33.30
OFFSET: 38.53 RT

PT STA: 101+29.98
OFFSET: 42.50 RT

STA: 101+57.57
OFFSET: 48.47 RT

STA: 101+70.82
OFFSET: 21.67 RT

PT STA: 101+77.14
OFFSET: 13.12 RT

PROP CR #2

PC STA: 102+24.55
OFFSET: 13.29 RT

PROP CR #PED-8143

PT STA: 102+26.91
OFFSET: 55.63 RT

PRC STA: 102+44.44
OFFSET: 33.00 RT

PC STA: 102+41.84
OFFSET: 66.61 RT

PT STA: 102+71.74
OFFSET: 69.89 RT

PC STA: 103+09.51
OFFSET: 87.57 RT

PT STA: 103+14.22
OFFSET: 100.92 RT

STA: 103+13.15
OFFSET: 103.15 RT

N68°01'35"W
29.42'

N83°40'56"W
20.14'

S43°16'12"E
60.48'

S48°00'45"W
31.25'

S26°53'46"E
65.85'

S50°14'24"W
24.81'

S14°41'03"E
76.25'

S39°45'36"E
82.09'

FRONT STREET CONSTRUCTION BASELINE DATA								
NUMBER	STARTING STATION	NORTHING	EASTING	CURVE DATA	LINE DATA	ENDING STATION	NORTHING	EASTING
L1	100+00.00	2722968.129	854796.241		S26°53'46"E 65.85'	100+65.85	2722909.405	854826.029
C1	100+65.85	2722909.405	854826.029	R=900.00' Δ=12°51'50" L=202.07' T=101.46'		102+67.91	2722740.925	854936.817
L2	102+67.91	2722740.925	854936.817		S39°45'36"E 82.09'	103+50.00	2722677.823	854989.317

SPRING STREET CONSTRUCTION BASELINE DATA								
NUMBER	STARTING STATION	NORTHING	EASTING	CURVE DATA	LINE DATA	ENDING STATION	NORTHING	EASTING
L4	200+00.00	2722748.604	854930.500		S50°14'24"W 24.81'	200+24.81	2722732.734	854911.426
C2	200+24.81	2722732.734	854911.426	R=40.00' Δ=64°55'27" L=45.33' T=25.45'		200+70.14	2722691.846	854898.315
L3	200+70.14	2722691.846	854898.315		S14°41'03"E 76.25'	201+46.39	2722618.083	854917.645

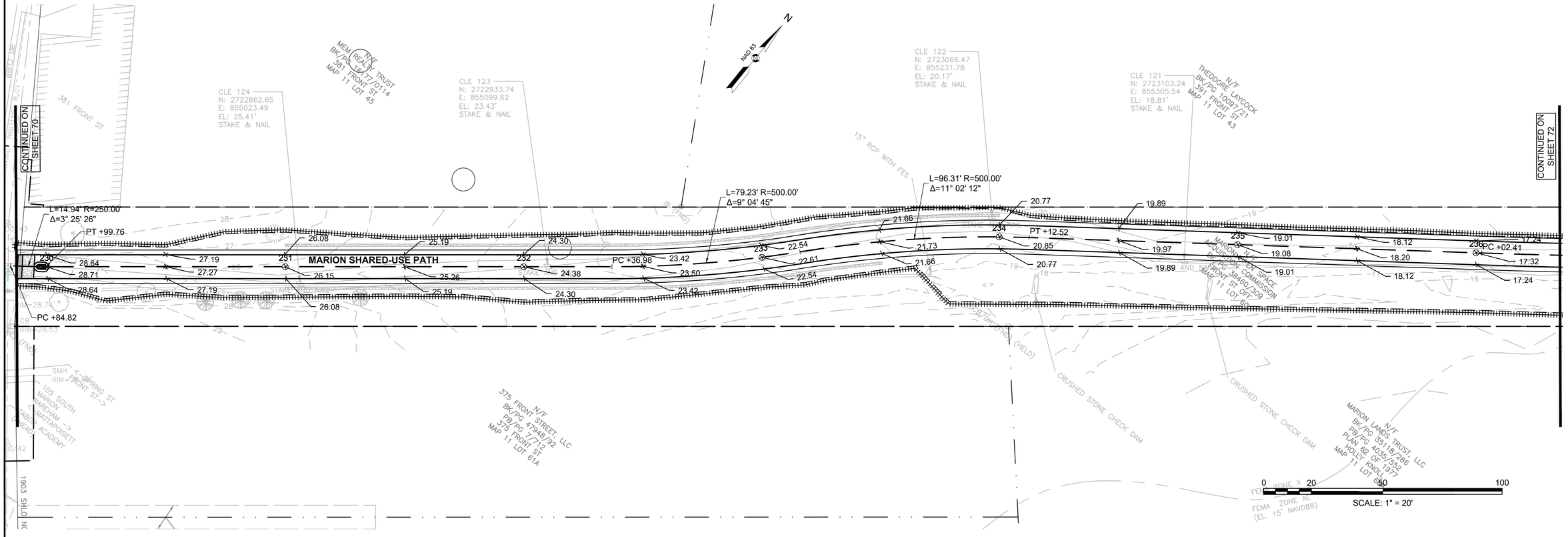
0 20 50 100
SCALE: 1" = 20'

TOWN OF MARION
SHARED USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	71	274
PROJECT FILE NO.	607979		

CURB TIE & GRADING
SHEET 23 OF 35

607979_CURB TIE & GRADING.DWG Plotted on 27-Oct-2023 11:26 AM

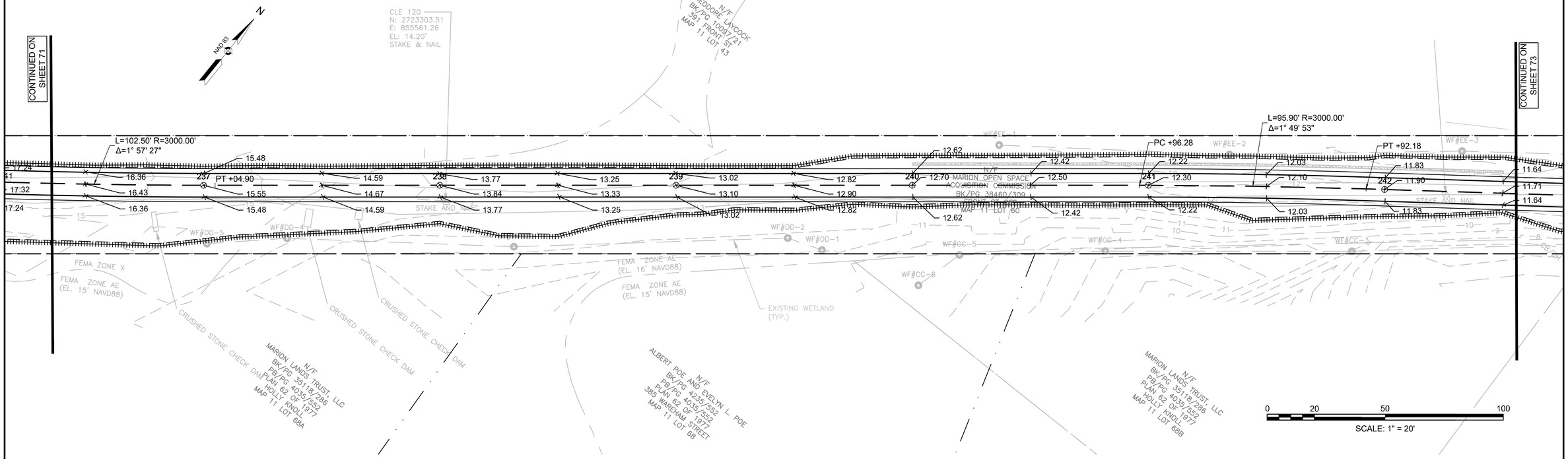


TOWN OF MARION
SHARED USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	72	274
PROJECT FILE NO.	607979		

CURB TIE & GRADING
SHEET 24 OF 35

607979_CURB TIE & GRADING.DWG Plotted on 27-Oct-2023 11:26 AM

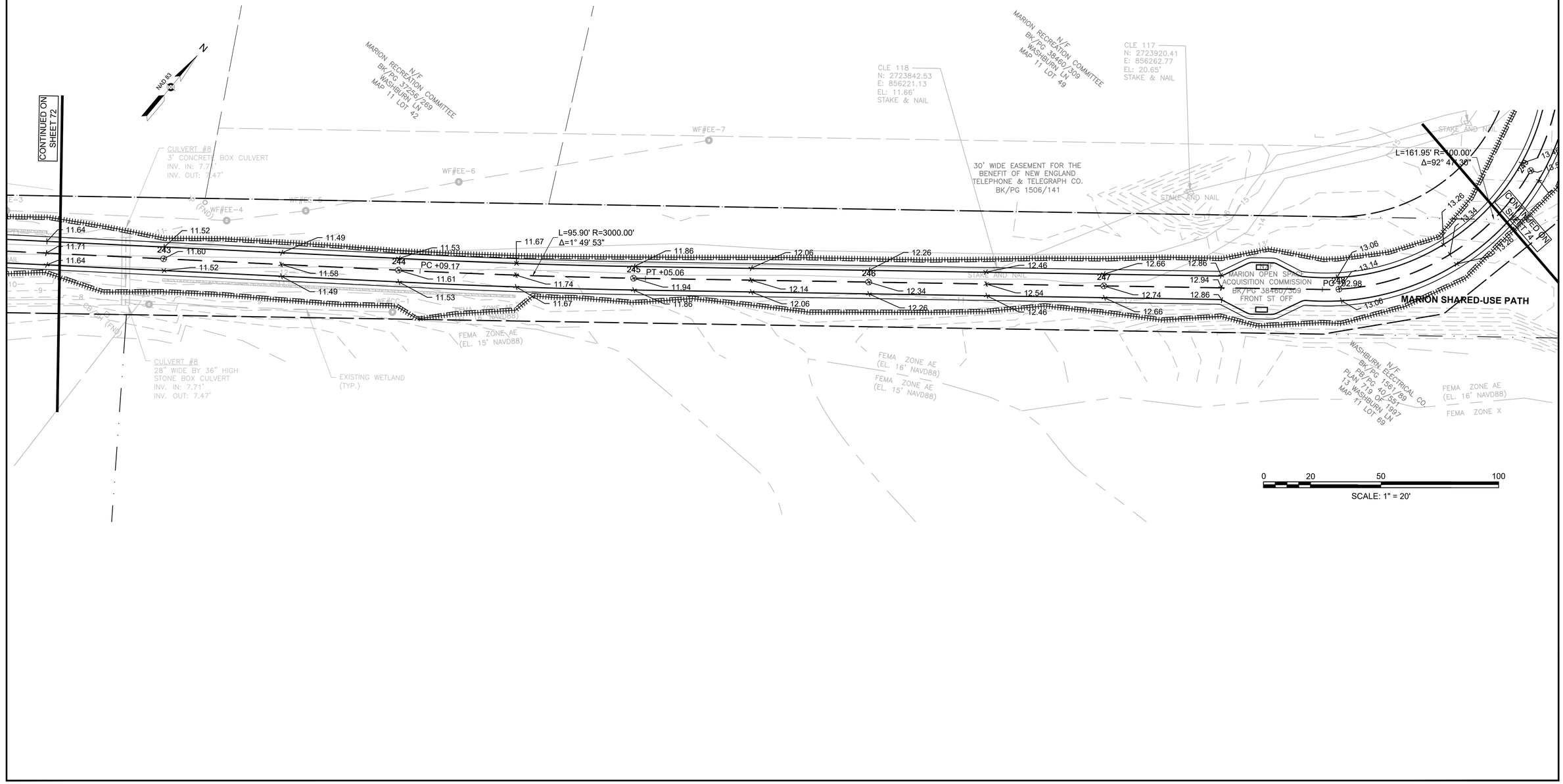


TOWN OF MARION
SHARED USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	73	274
PROJECT FILE NO.	607979		

CURB TIE & GRADING
SHEET 25 OF 35

607979_CURB TIE & GRADING.DWG Plotted on 27-Oct-2023 11:27 AM

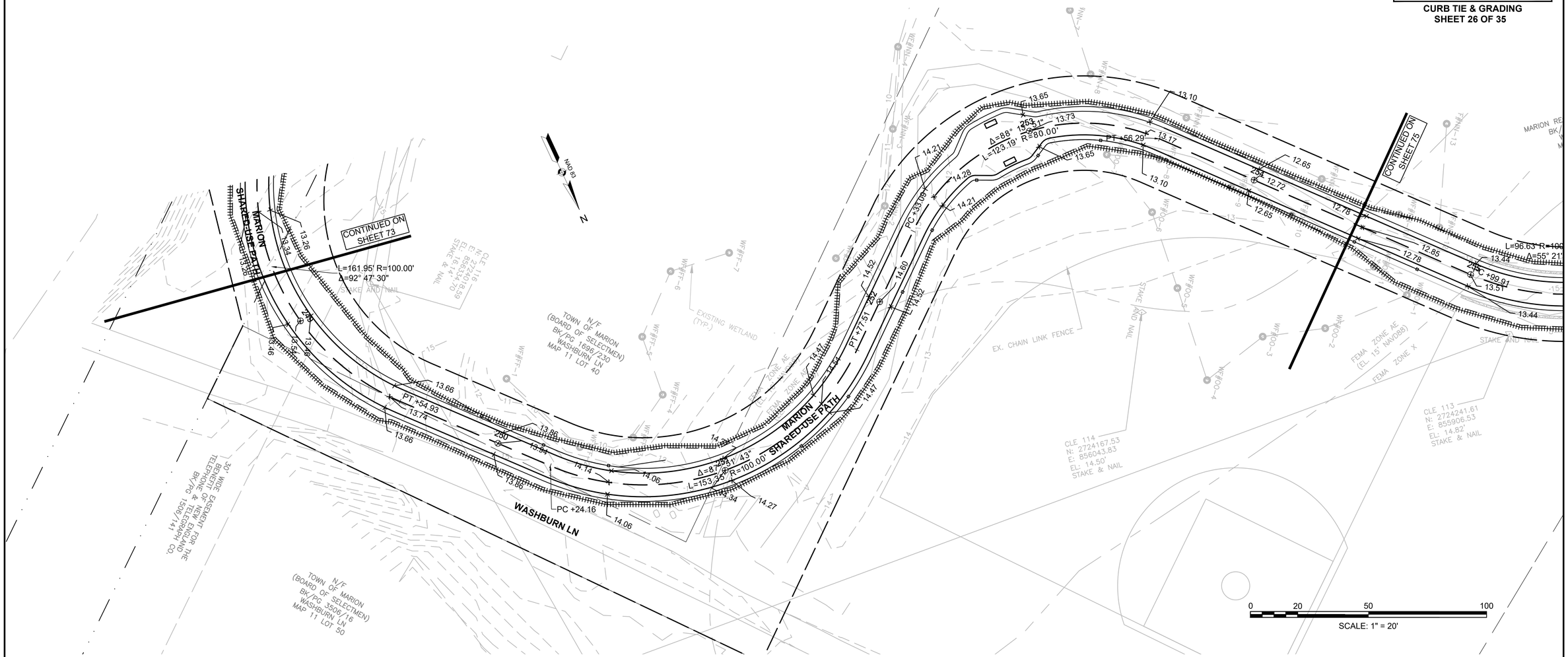


TOWN OF MARION
SHARED USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	74	274
PROJECT FILE NO.	607979		

CURB TIE & GRADING
SHEET 26 OF 35

607979_CURB TIE & GRADING.DWG Plotted on 27-Oct-2023 11:27 AM



TOWN OF MARION
SHARED USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	75	274
PROJECT FILE NO.	607979		

CURB TIE & GRADING
SHEET 27 OF 35

607979_CURB TIE & GRADING.DWG Plotted on 27-Oct-2023 11:27 AM

N/F
MARION RECREATION COMMITTEE
BK/PG 37256/269
WASHBURN LN
MAP 11 LOT 42

CONTINUED ON SHEET 74

L=96.63' R=100.00'
Δ=55° 21' 56"

PC +48.54
PC +99.91
PC +96.55

Δ=31° 52' 03"
L=55.62' R=100.00'

PT +04.16

PT +41.25
PC +93.28

L=47.97' R=100.00'
Δ=27° 28' 59"

CONTINUED ON SHEET 76

N/F
THE INHABITANTS OF THE TOWN OF MARION
(MARION RECREATION COMMITTEE)
L.C.C. NO. 12984
DOC. CERT. NO. 59045
25 WASHBURN LN
MAP 11 LOT 39

N/F
THE INHABITANTS OF THE TOWN OF MARION
(MARION RECREATION COMMITTEE)
L.C.C. NO. 12984
DOC. CERT. NO. 59046
29 WASHBURN LN
MAP 11 LOT 39

CONTINUED ON SHEET 77

N/F
TOWN OF MARION
(BOARD OF SELECTMEN)
BK/PG 1696/230
WASHBURN LN
MAP 11 LOT 40

N/F
CHAD C. MCLEOD AND
GINA C. MCLEOD
BK/PG 42391/50
48 WASHBURN LN
MAP 11 LOT 41

CLE 113
N: 2724241.61
E: 855906.53
EL: 14.82'
STAKE & NAIL

CLE 112
N: 2724234.53
E: 855767.67
EL: 15.82'
STAKE & NAIL

CLE 111
N: 2724295.36
E: 855609.80
EL: 15.16'
STAKE & NAIL

FEMA ZONE AE (EL. 15' NAVD88)
FEMA ZONE X
STAKE & NAIL

NAD 83
N

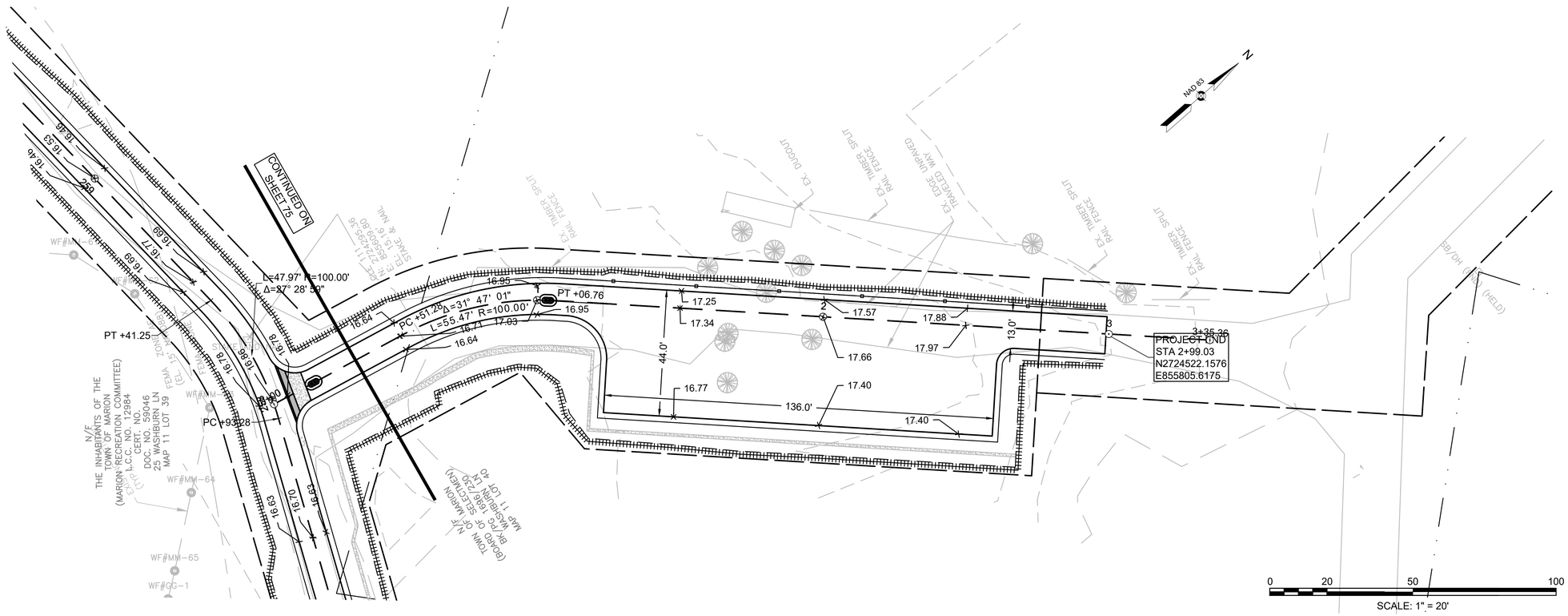
0 20 50 100
SCALE: 1" = 20'

TOWN OF MARION
SHARED USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	76	274
PROJECT FILE NO.	607979		

CURB TIE & GRADING
SHEET 28 OF 35

607979_CURB TIE & GRADING.DWG Plotted on 27-Oct-2023 11:27 AM

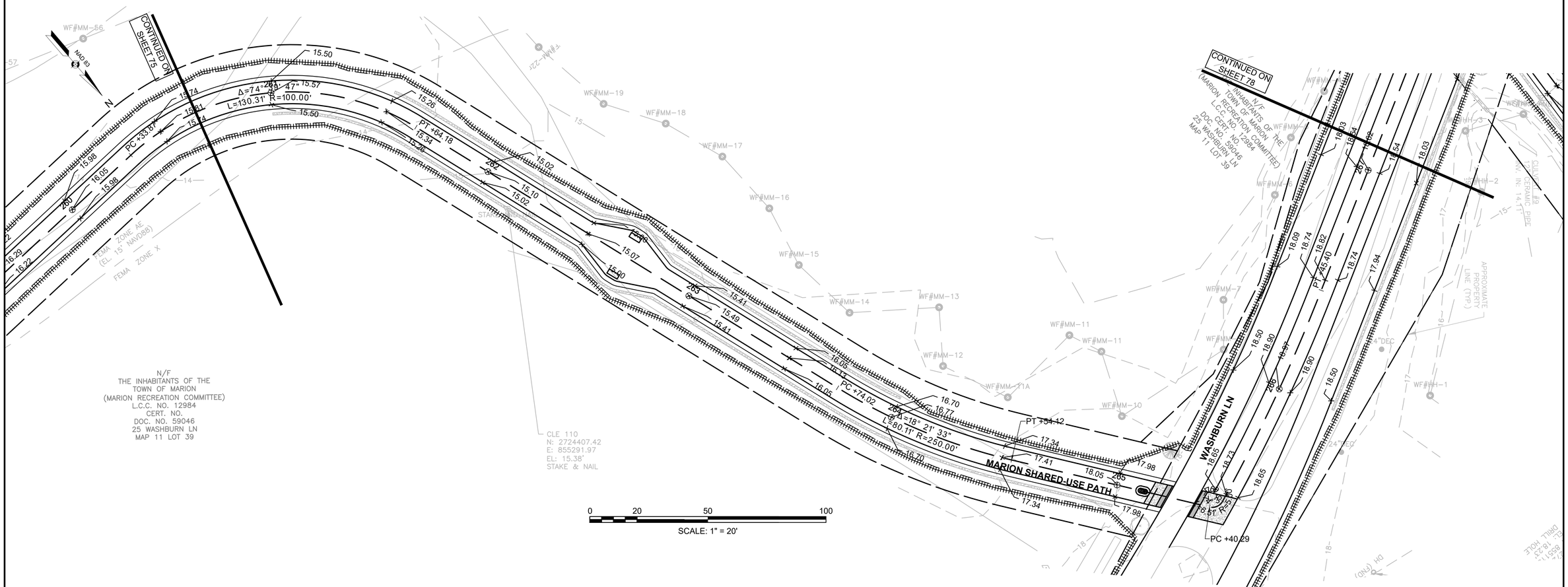


TOWN OF MARION
SHARED USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	77	274
PROJECT FILE NO.	607979		

CURB TIE & GRADING
SHEET 29 OF 35

607979_CURB TIE & GRADING.DWG Plotted on 27-Oct-2023 11:27 AM

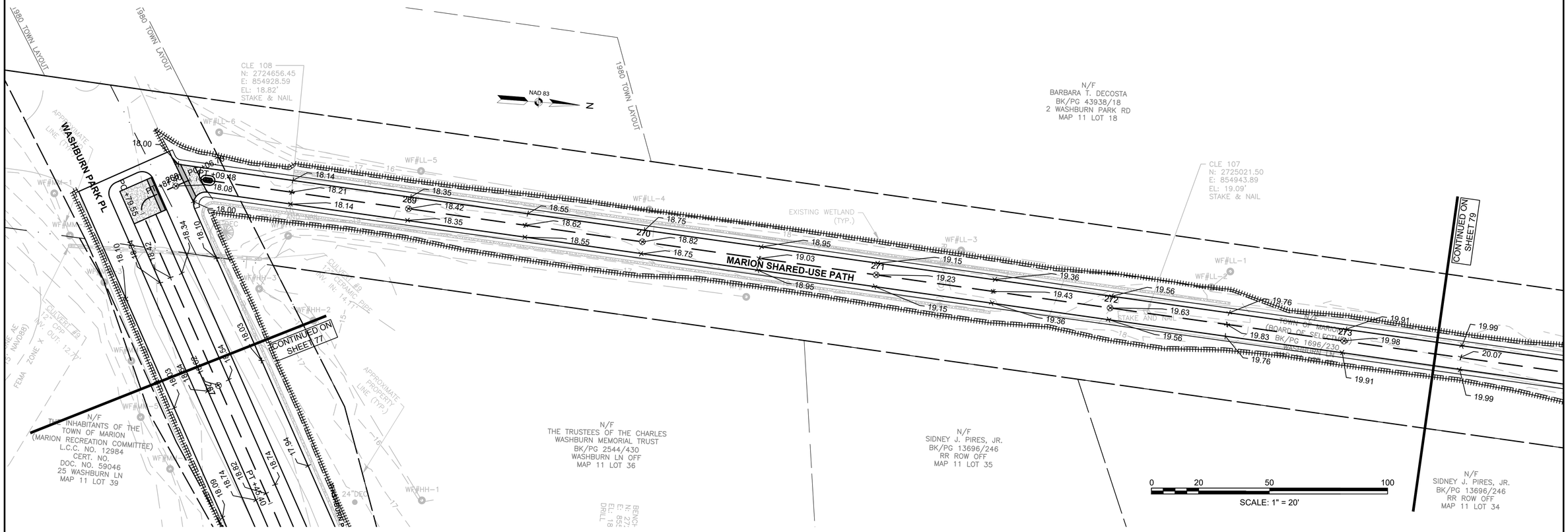


TOWN OF MARION
SHARED USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	78	274
PROJECT FILE NO.	607979		

CURB TIE & GRADING
SHEET 30 OF 35

607979_CURB TIE & GRADING.DWG Plotted on 27-Oct-2023 11:27 AM

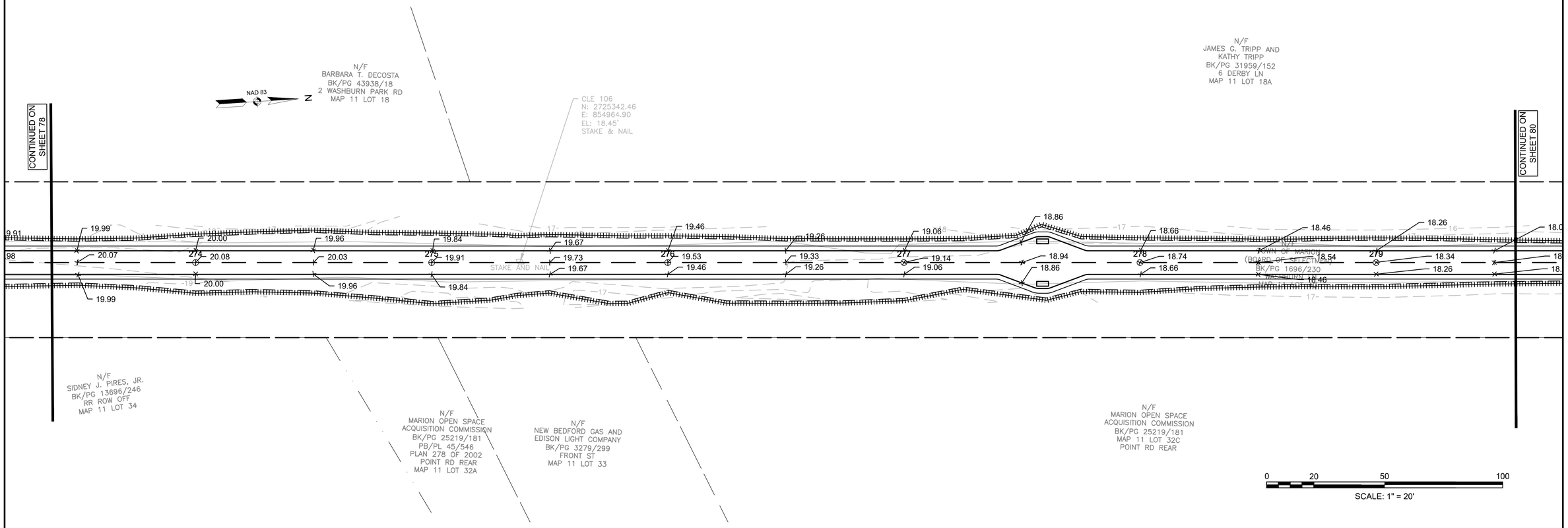


TOWN OF MARION
SHARED USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	79	274
PROJECT FILE NO.	607979		

CURB TIE & GRADING
SHEET 31 OF 35

607979_CURB TIE & GRADING.DWG Plotted on 27-Oct-2023 11:27 AM

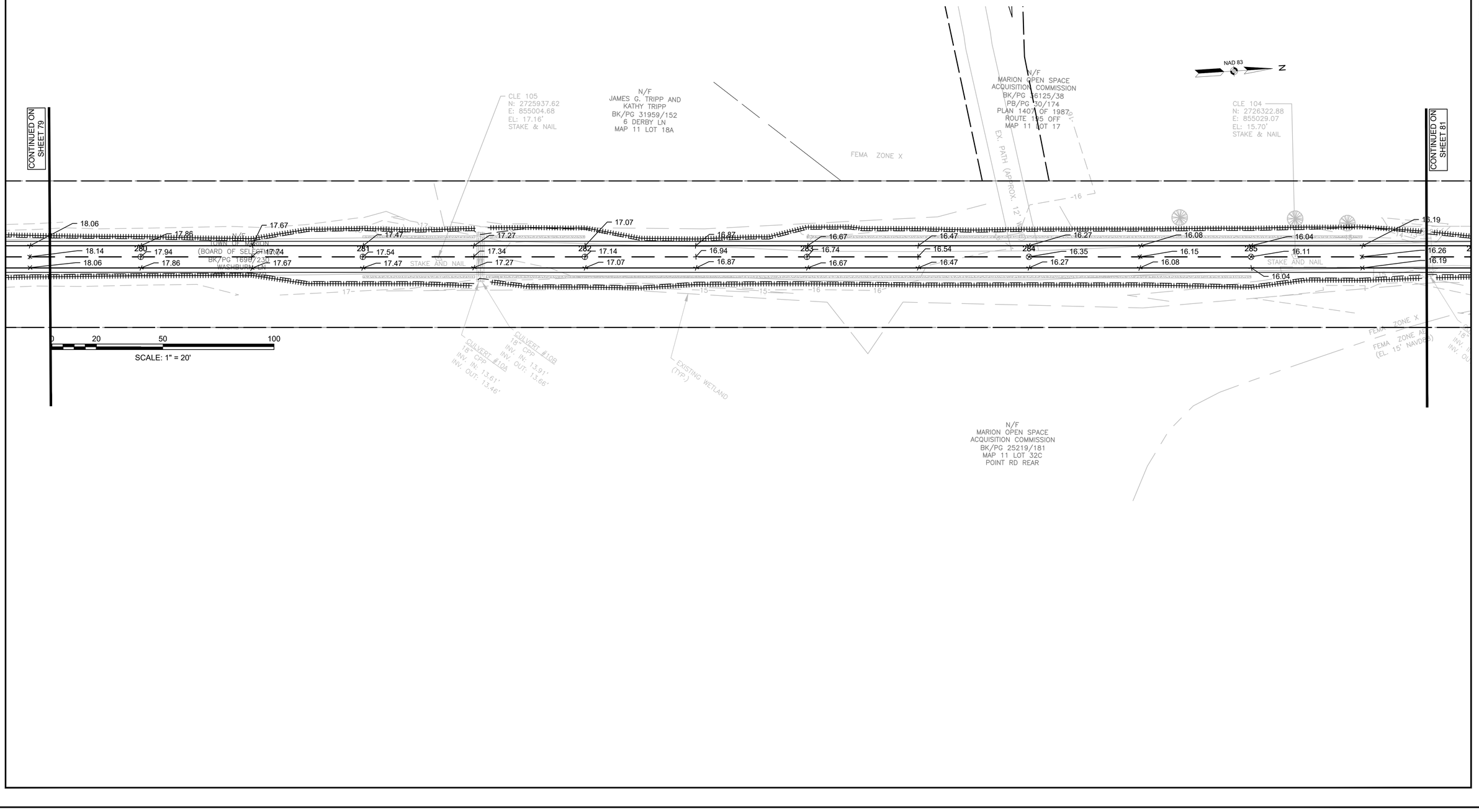


TOWN OF MARION
SHARED USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	80	271
PROJECT FILE NO.	607979		

CURB TIE AND GRADING
SHEET 32 OF 35

607979_CURB TIE & GRADING.DWG Plotted on 27-Oct-2023 11:27 AM

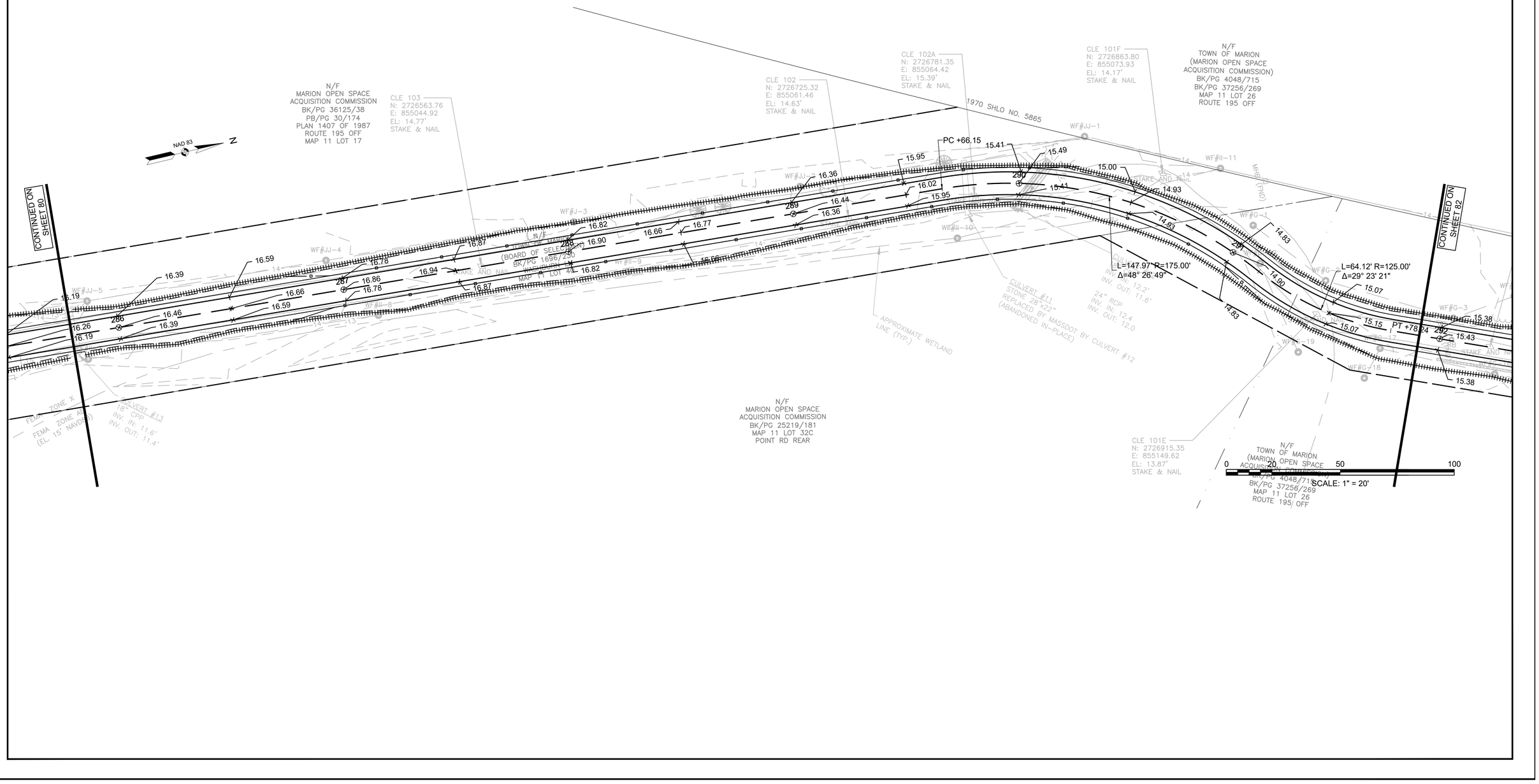


TOWN OF MARION
SHARED USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	81	274
PROJECT FILE NO.	607979		

CURB TIE & GRADING
SHEET 33 OF 35

607979_CURB TIE & GRADING.DWG Plotted on 27-Oct-2023 11:27 AM

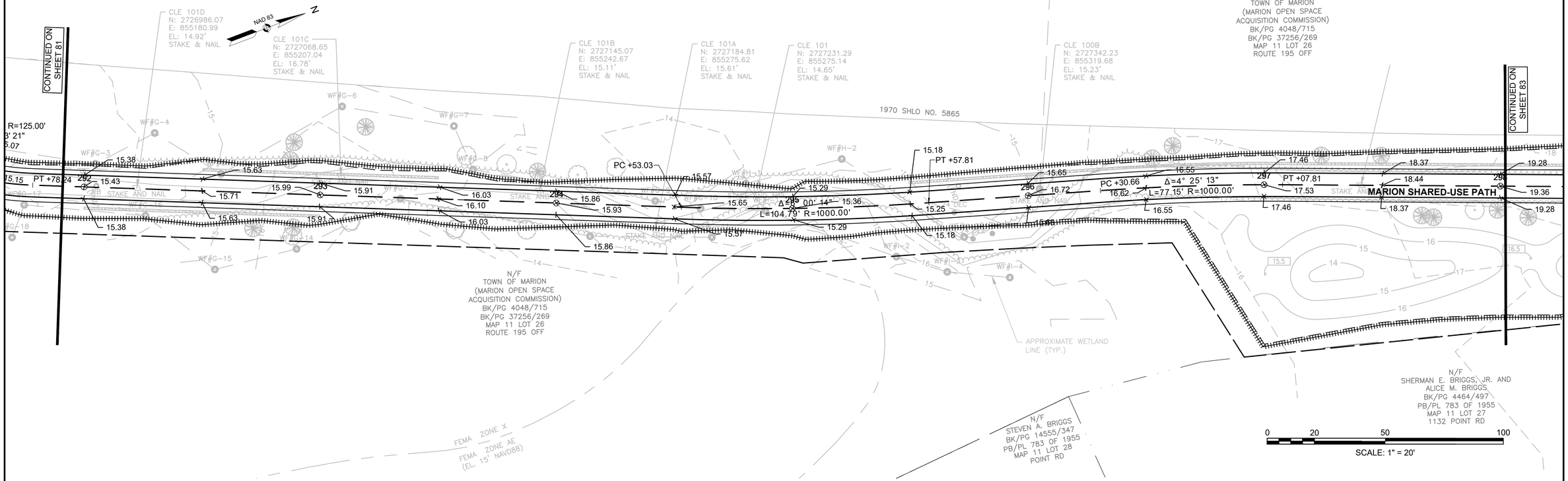


TOWN OF MARION
SHARED USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	82	274
PROJECT FILE NO.	607979		

CURB TIE & GRADING
SHEET 34 OF 35

607979_CURB TIE & GRADING.DWG Plotted on 27-Oct-2023 11:27 AM



TOWN OF MARION
SHARED USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	83	274
PROJECT FILE NO.	607979		

CURB TIE & GRADING
SHEET 35 OF 35

607979_CURB TIE & GRADING.DWG Plotted on 27-Oct-2023 11:27 AM

N/F
TOWN OF MARION
(MARION OPEN SPACE
ACQUISITION COMMISSION)
BK/PG 4048/715
BK/PG 37256/269
MAP 11 LOT 26
ROUTE 195 OFF

NAD 83 N

CLE 100A
N: 2727470.82
E: 855364.27
EL: 17.80'
STAKE & NAIL

CONTINUED ON SHEET 82

CLE 100
N: 2727609.43'
E: 855417.80
EL: 19.54'
STAKE & NAIL

PK 1
N: 2727693.17
E: 855450.25
EL: 17.29'
PK NAIL

1970 SHLO NO. 5865

MHB (FND)

25' 13"
R=1000.00'

297 PT +07.81

MARION SHARED-USE PATH

STAKE AND NAIL

17.46 18.37 19.28 20.19 20.27 20.76 19.75

46.0'

52.0'

20.02 20.83 20.76

300 300+12.31

19.60

EX. SHED

MB

EX. STONE PAVER PATIO

TOP LAYOUT

POINT RD

EOP

FEMA ZONE X

15.5 16.5

N/F
SHERMAN E. BRIGGS, JR. AND
ALICE M. BRIGGS
BK/PG 4464/497
PB/PL 783 OF 1955
MAP 11 LOT 27
1132 POINT RD

0 20 50 100
SCALE: 1" = 20'

TOWN OF MARION
SHARED USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	84	274
PROJECT FILE NO.	607979		

TRAFFIC SIGN &PAVEMENT MARKINGS PLAN
SHEET 1 OF 34

607979_SIGN & PM.DWG Plotted on 27-Oct-2023 2:43 PM

N
NAD 83

CLE STATIC 100
N: 2713004.03
E: 846653.94
EL: 69.58'
REBAR

RB

CLE 1
N: 2712991.16
E: 846710.42
EL: 70.55'
DRILL HOLE

LIMIT OF WORK
STA 100+98.6
N2712986.5661
E846708.2446

EX. UTILITY CONTROL BOX

EX. GATE

PK 5
EL: 28.29

100+00

12" WATER MAIN (DUCTILE IRON)

STAKE AND NAIL

ANTENNA POLE

UPL

WF#AA-1

W8-3

DYL (UNDER CONST. BL)

TRAFFIC FLOW ARROW (TYP.)
(INFORMATIONAL ONLY, DO NOT INSTALL)

45' WIDE UTILITY EASEMENT FOR THE BENEFIT OF COMMONWEALTH ELECTRIC COMPANY BK/PG 1786/210

55' WIDE UTILITY EASEMENT FOR THE BENEFIT OF COMMONWEALTH ELECTRIC COMPANY BK/PG 16363/197

CLE 1A
N: 2713172.58
E: 846862.54
EL: 69.44
STAKE & NAIL

N/F
A.D. MAKEPEACE COMPANY
BK/PG 16492/119
PB/PG 41/78
PLAN 294 OF 1998
RR ROW OFF
MAP 27 LOT 12A

A.D. MAKEPEACE COMPANY
BK/PG 1503/44
PB/PG 41/78
PLAN 294 OF 1998
TOWN LINE
MAP 27 LOT 12

CLE 2
N: 2713312.90
E: 846984.69
EL: 69.05'
STAKE & NAIL

CLE 2A
N: 2713384.46
E: 847039.56
EL: +67.88'
STAKE & NAIL

101 102 103 104 105 106

5' 5'

MARION SHARED-USE PATH

WF#BB-7 WF#BB-6 WF#BB-5

WF#AA-7 WF#AA-6 WF#AA-5

69 70 68

CONTINUED ON SHEET 85

N/F
TOWN OF MARION
(BOARD OF SELECTMEN)
BK/PG 27539/320
RR ROW OFF
MAP 27 LOT 13

EXISTING WETLAND (TYP.)

TOWN OF MATTAPOISETT
TOWN OF MARION

N/F
A.D. MAKEPEACE COMPANY
BK/PG 1503/44
TOWN LINE
MAP 27 LOT 2A

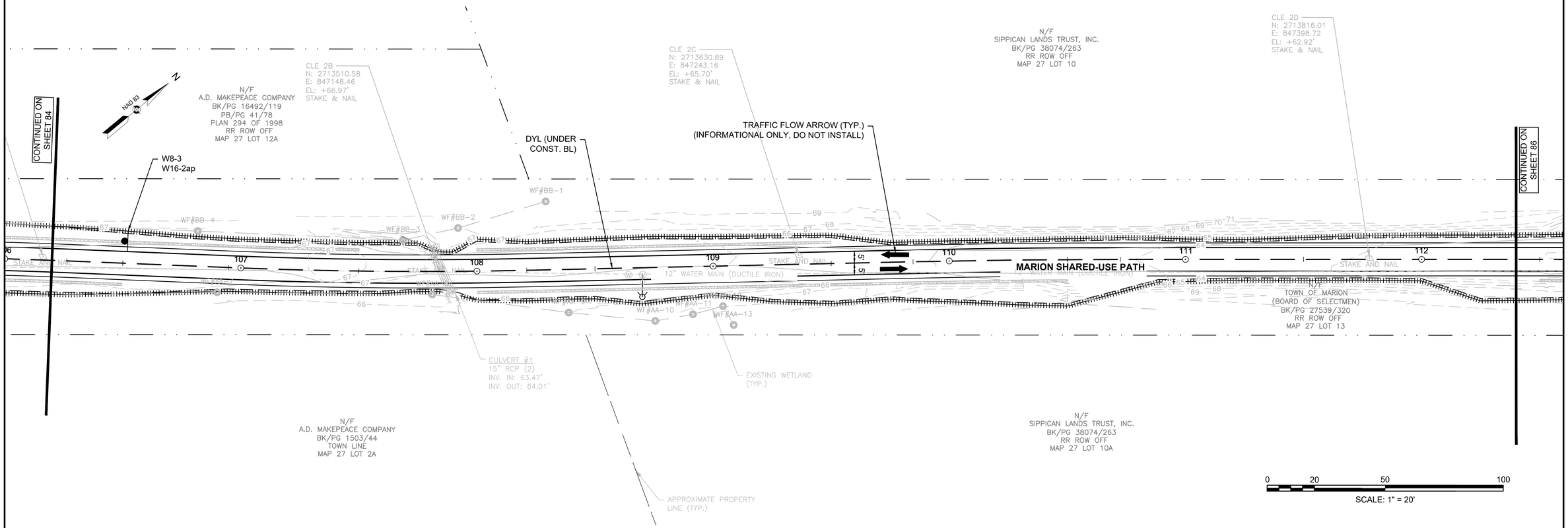
0 20 50 100
SCALE: 1" = 20'

TOWN OF MARION
SHARED USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	85	274
PROJECT FILE NO.	607979		

TRAFFIC SIGN &PAVEMENT MARKINGS PLAN
SHEET 2 OF 34

607979_SIGN & PM.DWG Plotted on 27-Oct-2023 2:43 PM

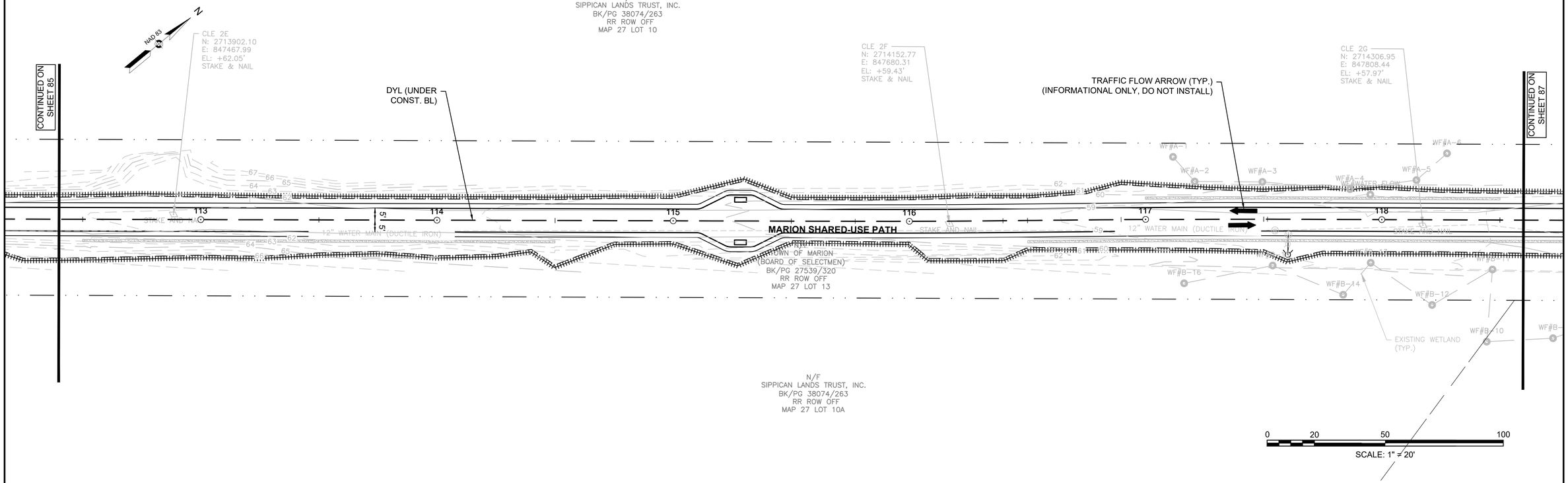


TOWN OF MARION
SHARED USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	86	274
PROJECT FILE NO.	607979		

TRAFFIC SIGN &PAVEMENT MARKINGS PLAN
SHEET 3 OF 34

607979_SIGN & PM.DWG Plotted on 27-Oct-2023 2:44 PM



TOWN OF MARION
SHARED USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	87	274
PROJECT FILE NO.	607979		

TRAFFIC SIGN &PAVEMENT MARKINGS PLAN
SHEET 4 OF 34

607979_SIGN & PM.DWG Plotted on 27-Oct-2023 2:44 PM

CONTINUED ON SHEET 86

CONTINUED ON SHEET 88

PK 9
N: 2714433.24
E: 847836.35
EL: 59.55'
IRON ROD

NAD 83

STAKE AND NAIL

PK 8
N: 2714417.39
E: 847898.59
EL: +57.13'
IRON ROD

N/F
NEW BEDFORD GAS AND EDISON LIGHT COMPANY
BK/PG 1768/80
RR ROW OFF
MAP 27 LOT 12

DYL (UNDER CONST. BL)

PK 3A
N: 2714598.06
E: 848048.98
EL: 55.64'
STAKE & NAIL

N/F
SIPPICAN LANDS TRUST, INC.
BK/PG 35442/78
RR ROW OFF
MAP 27 LOT 13A

TRAFFIC FLOW ARROW (TYP.)
(INFORMATIONAL ONLY, DO NOT INSTALL)

119 120 121 122 123 124

STAKE AND NAIL

12" WATER MAIN (DUCTILE IRON)

N/F
TOWN OF MARION
(BOARD OF SELECTMEN)
BK/PG 27582/201
RR ROW OFF

MARION SHARED-USE PATH

WF#B-11 WF#B-10 WF#B-9 WF#B-8 WF#B-7 WF#B-6 WF#B-5 WF#B-4 WF#B-3 WF#B-2 WF#B-1

CULVERT 13
15" RCP
INV. IN: 55.9'
INV. OUT: 55.9'

VERNAL POOL
APPROX. 10'x20'x3'
41°41'39.37"N
70°47'52.76"W

CLE 3
N: 2714409.77
E: 847896.61
EL: +57.45'
STAKE & NAIL

EXISTING WETLAND (TYP.)

N/F
SIPPICAN LANDS TRUST, INC.
BK/PG 38074/267
RR ROW OFF
MAP 27 LOT 3

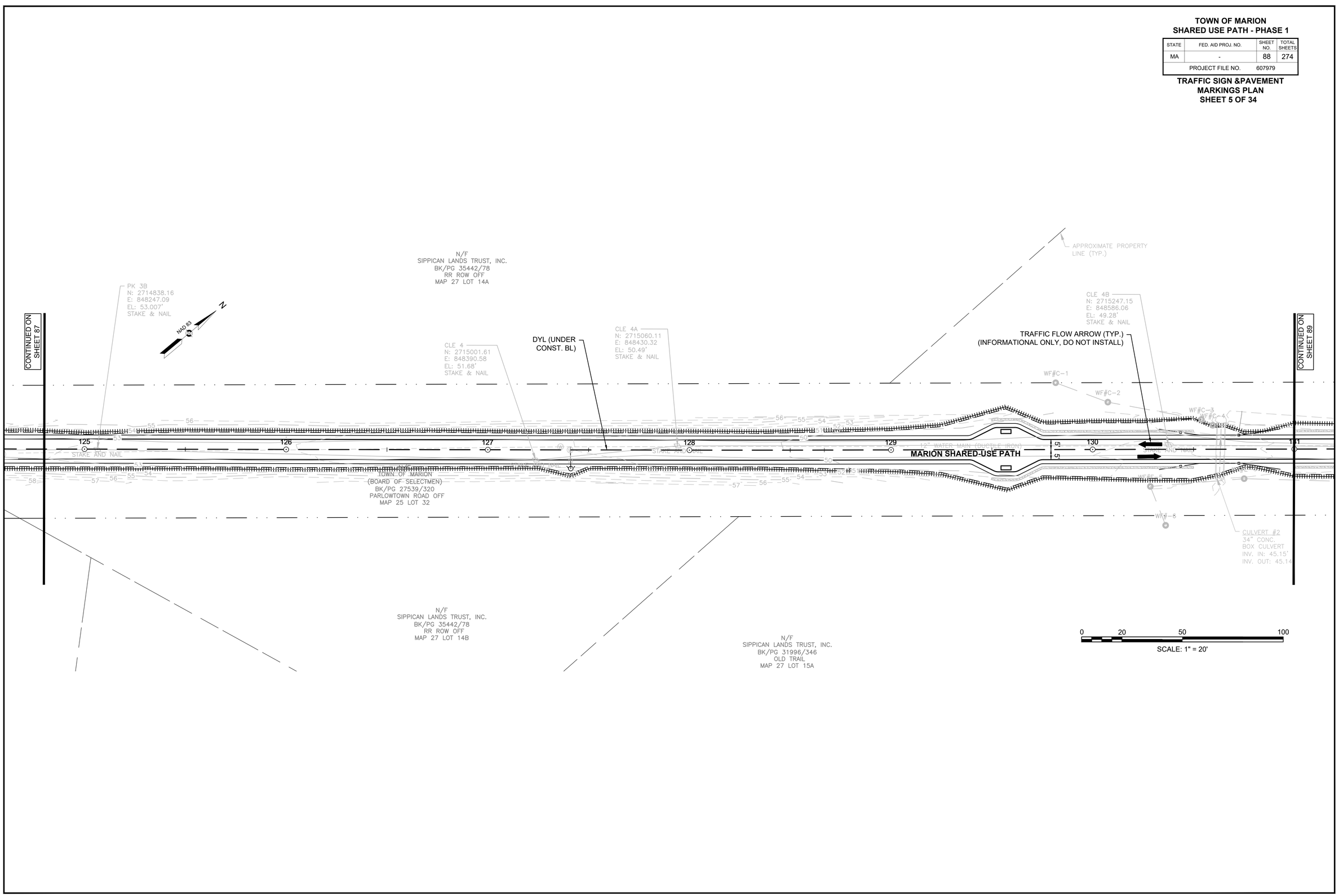
0 20 50 100
SCALE: 1" = 20'

TOWN OF MARION
SHARED USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	88	274
PROJECT FILE NO.	607979		

TRAFFIC SIGN &PAVEMENT MARKINGS PLAN
SHEET 5 OF 34

607979_SIGN & PM.DWG Plotted on 27-Oct-2023 2:44 PM

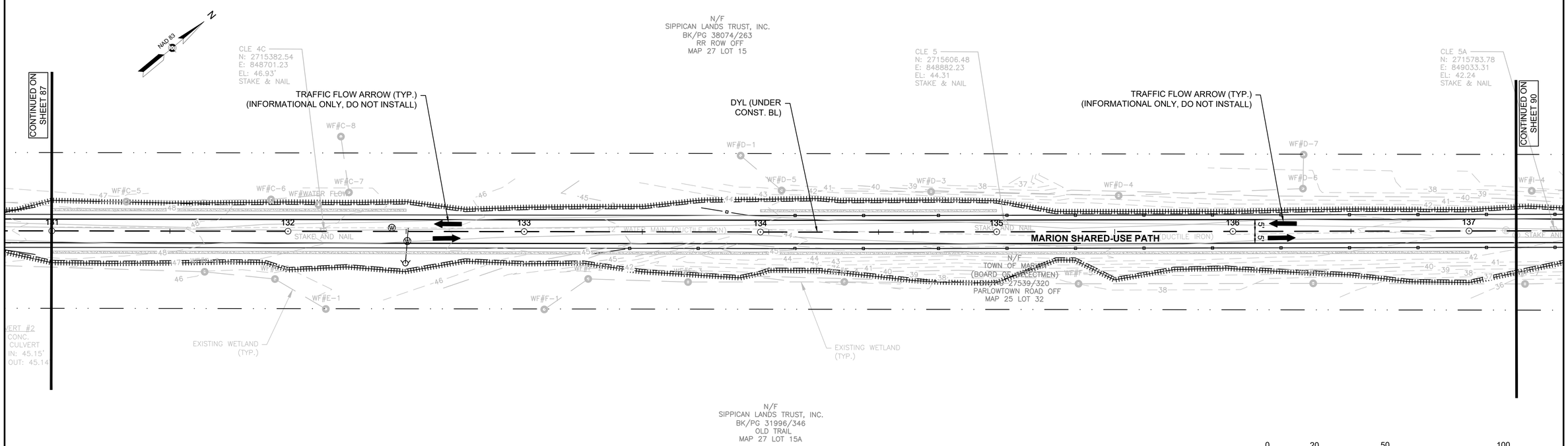


TOWN OF MARION
SHARED USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	89	274
PROJECT FILE NO.	607979		

TRAFFIC SIGN &PAVEMENT MARKINGS PLAN
SHEET 6 OF 34

607979_SIGN & PM.DWG Plotted on 27-Oct-2023 2:44 PM

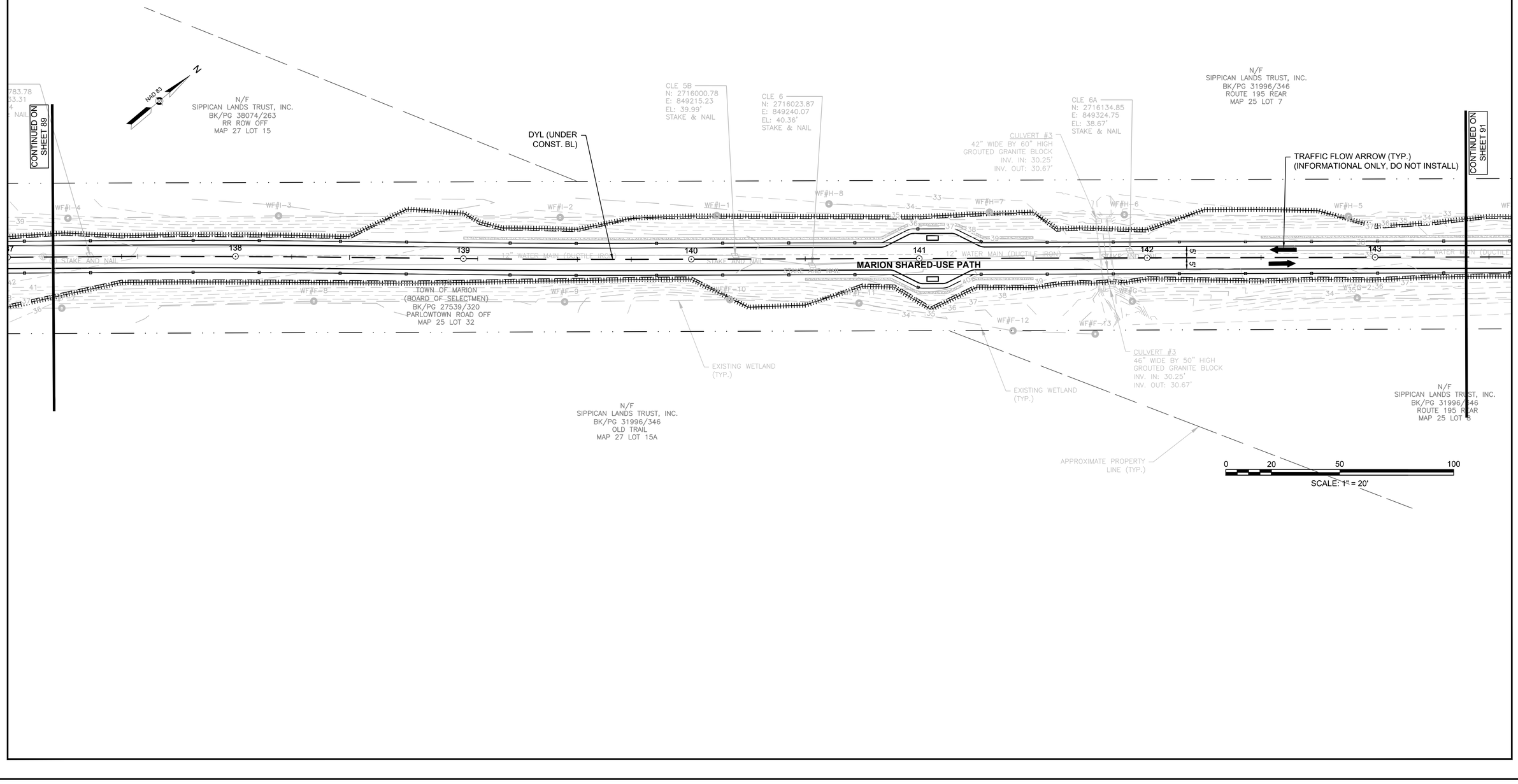


TOWN OF MARION
SHARED USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	90	274
PROJECT FILE NO.	607979		

TRAFFIC SIGN &PAVEMENT MARKINGS PLAN
SHEET 7 OF 34

607979_SIGN & PM.DWG Plotted on 27-Oct-2023 2:44 PM

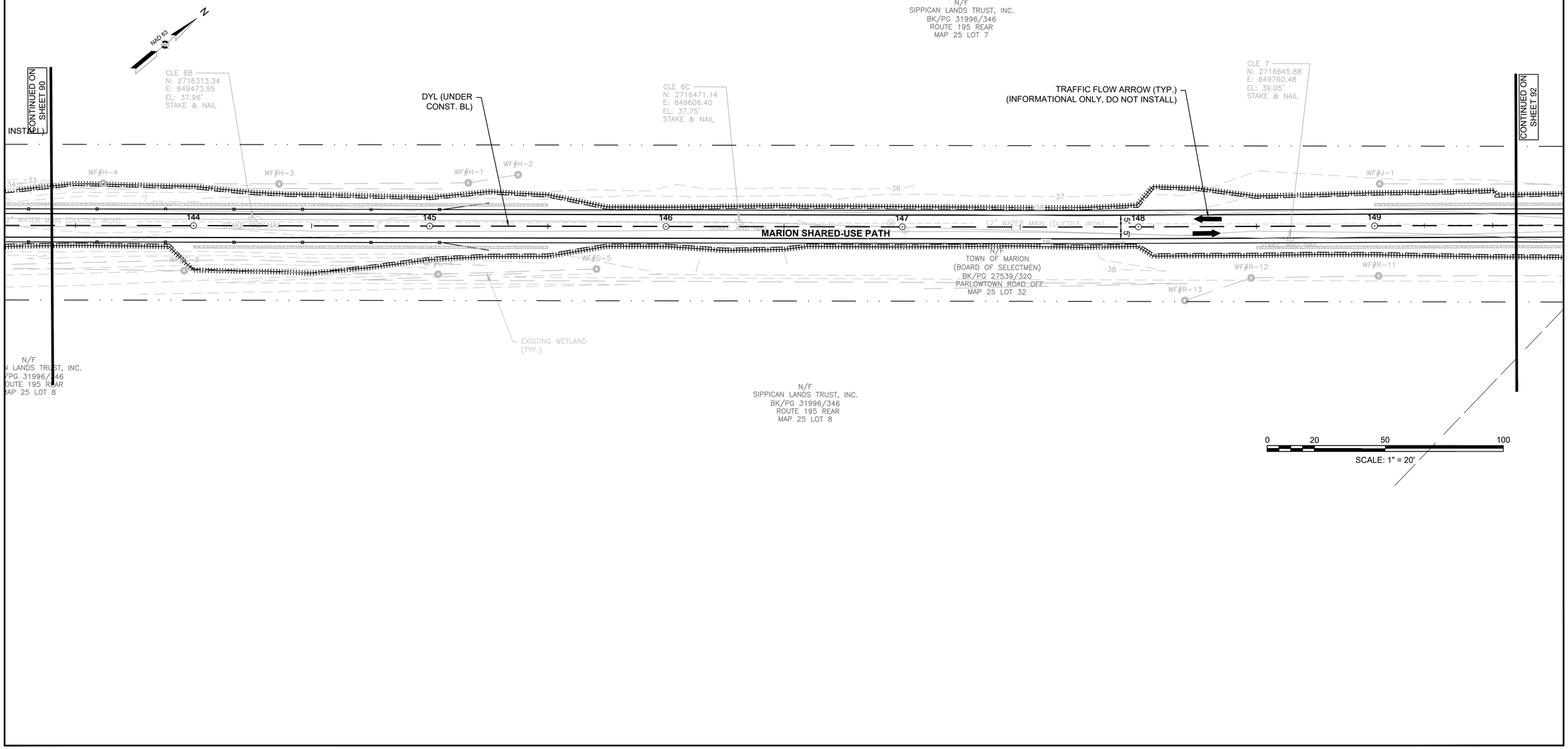


TOWN OF MARION
SHARED USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	91	274
PROJECT FILE NO.	607979		

TRAFFIC SIGN &PAVEMENT MARKINGS PLAN
SHEET 8 OF 34

607979_SIGN & PM.DWG Plotted on 27-Oct-2023 2:44 PM

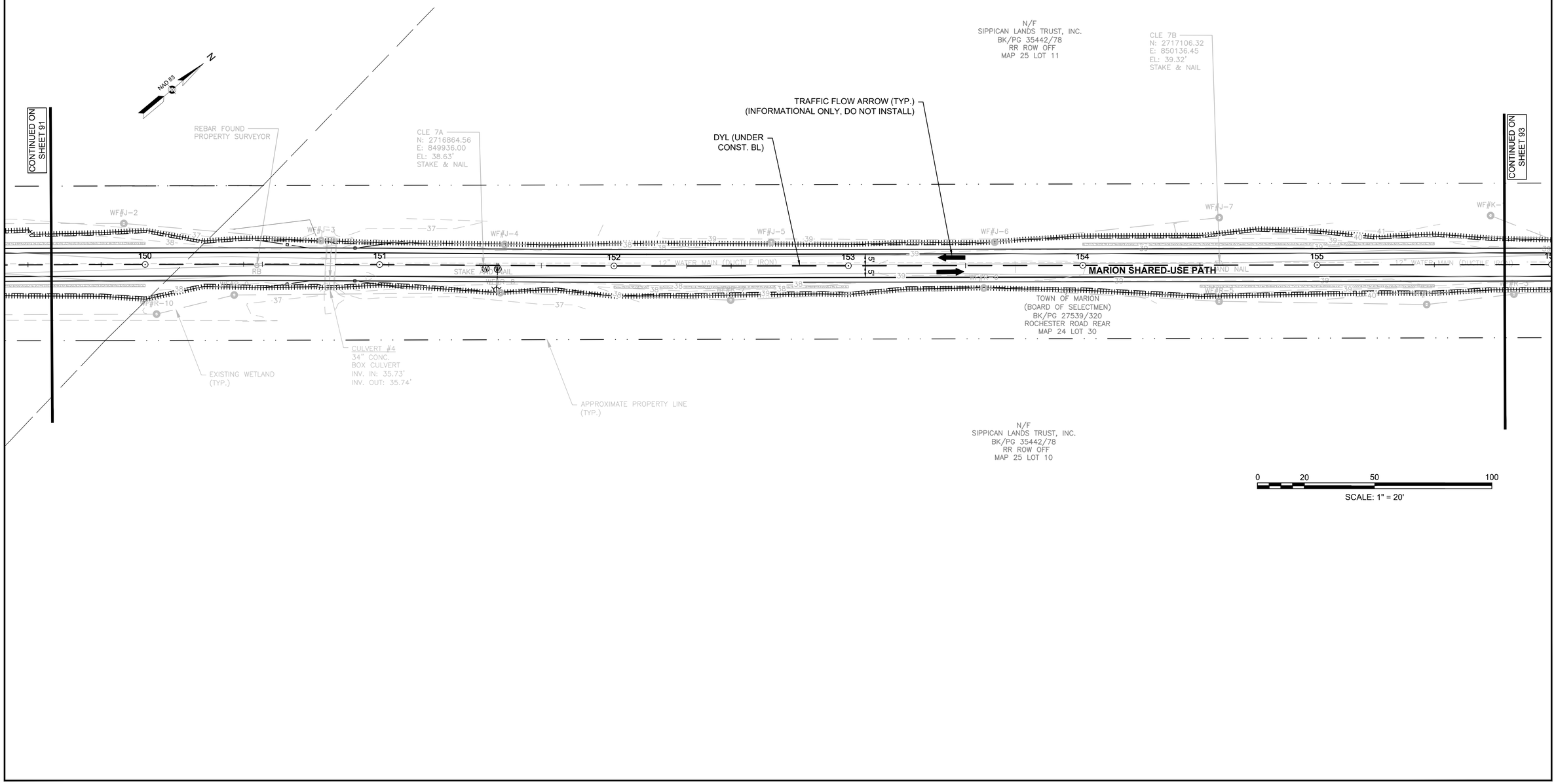


TOWN OF MARION
SHARED USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	92	274
PROJECT FILE NO.	607979		

TRAFFIC SIGN &PAVEMENT MARKINGS PLAN
SHEET 9 OF 34

607979_SIGN & PM.DWG Plotted on 27-Oct-2023 2:44 PM

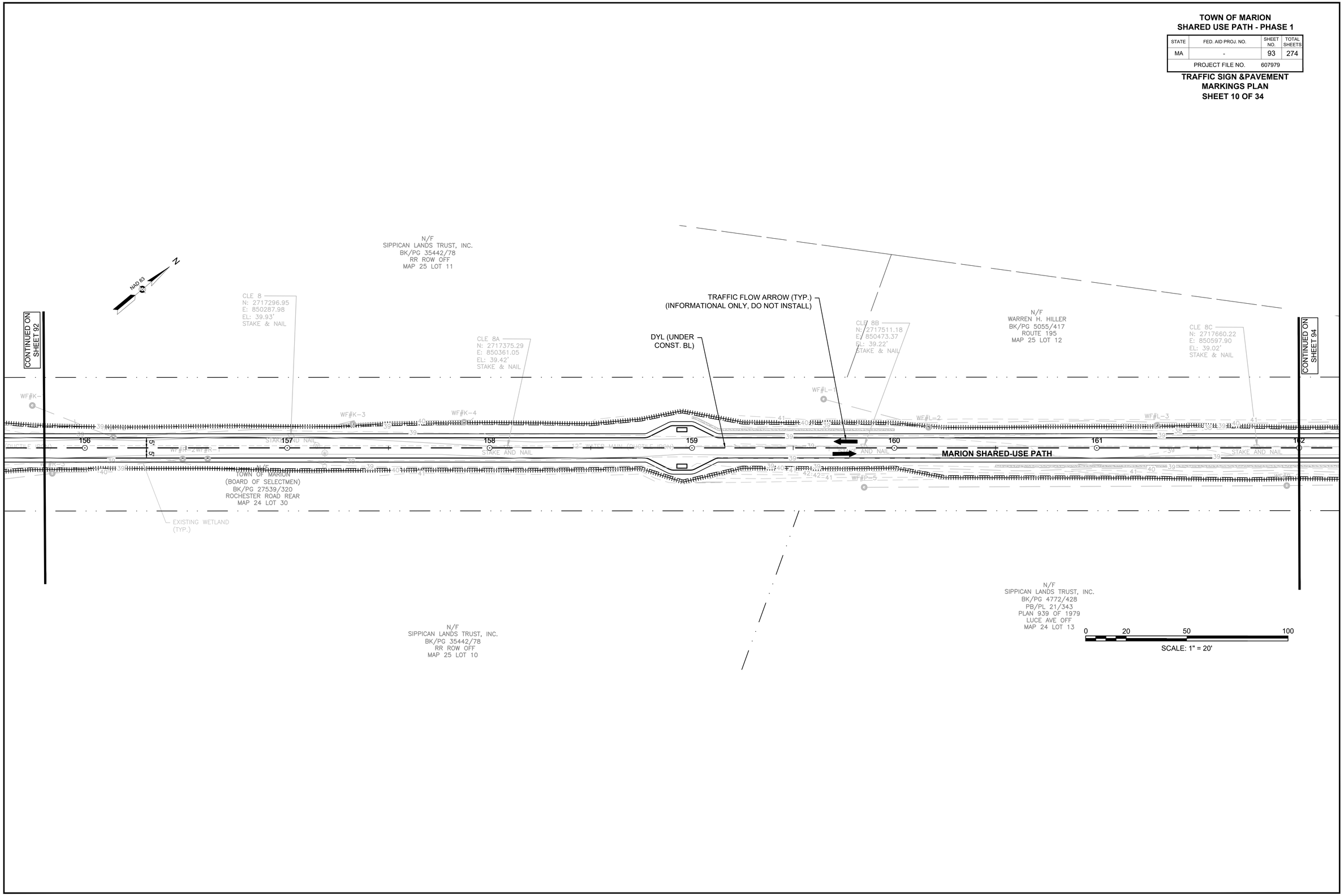


TOWN OF MARION
SHARED USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	93	274
PROJECT FILE NO.	607979		

TRAFFIC SIGN &PAVEMENT MARKINGS PLAN
SHEET 10 OF 34

607979_SIGN & PM.DWG Plotted on 27-Oct-2023 2:45 PM

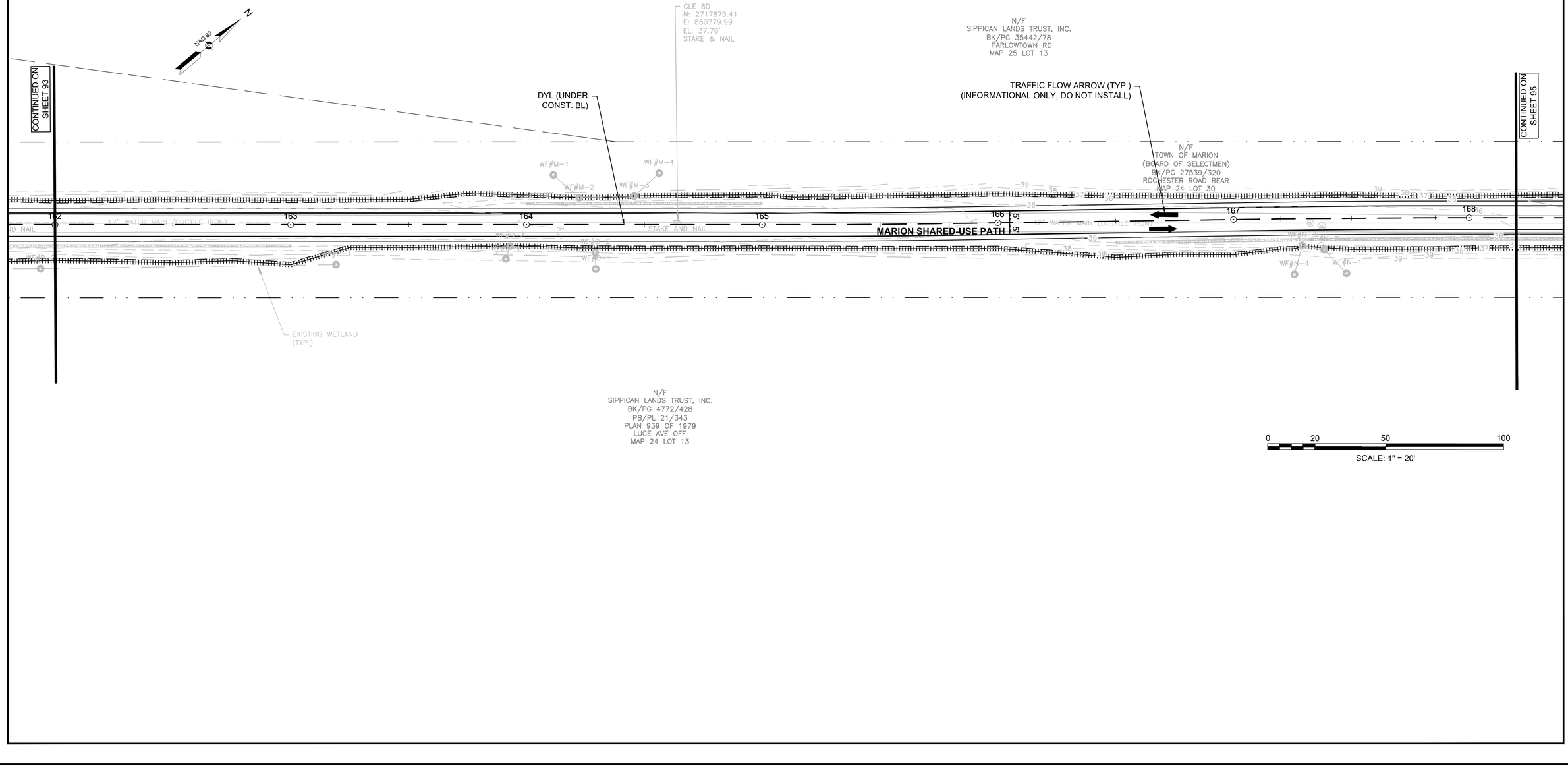


TOWN OF MARION
SHARED USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	94	274
PROJECT FILE NO.	607979		

TRAFFIC SIGN &PAVEMENT MARKINGS PLAN
SHEET 11 OF 34

607979_SIGN & PM.DWG Plotted on 27-Oct-2023 2:45 PM

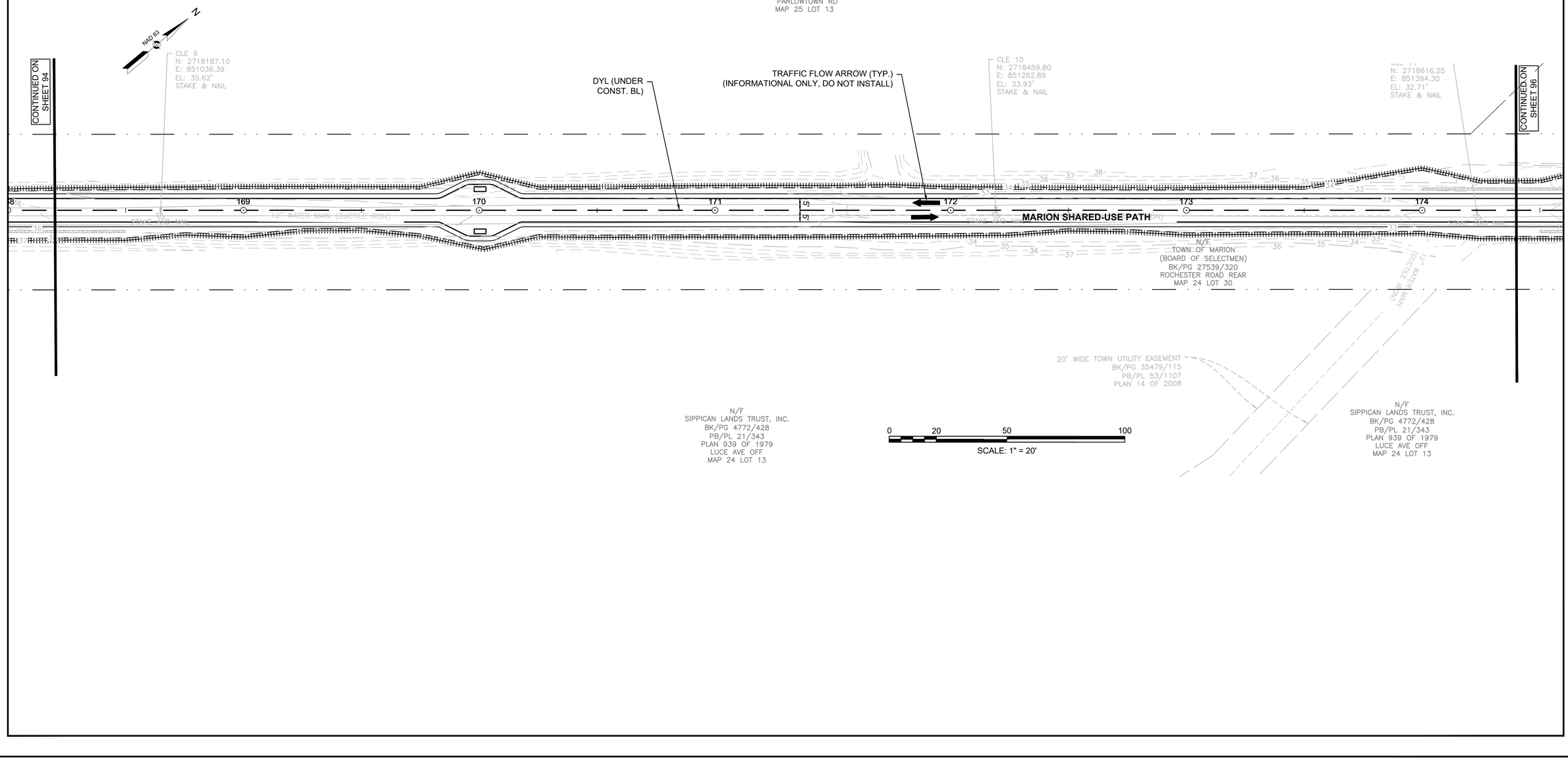


TOWN OF MARION
SHARED USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	95	274
PROJECT FILE NO.	607979		

TRAFFIC SIGN &PAVEMENT MARKINGS PLAN
SHEET 12 OF 34

607979_SIGN & PM.DWG Plotted on 27-Oct-2023 2:45 PM

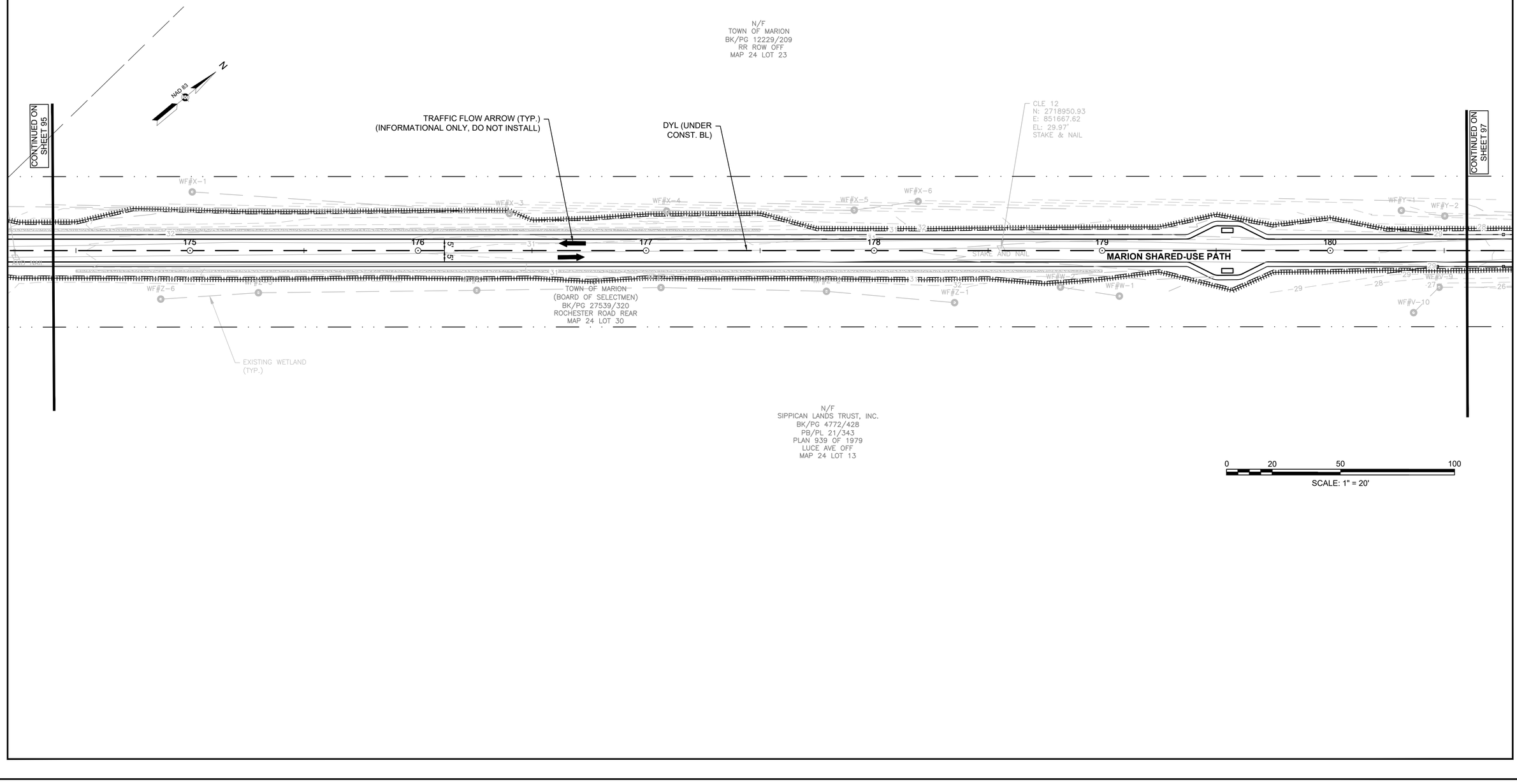


TOWN OF MARION
SHARED USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	96	274
PROJECT FILE NO.	607979		

TRAFFIC SIGN &PAVEMENT MARKINGS PLAN
SHEET 13 OF 34

607979_SIGN & PM.DWG Plotted on 27-Oct-2023 2:45 PM

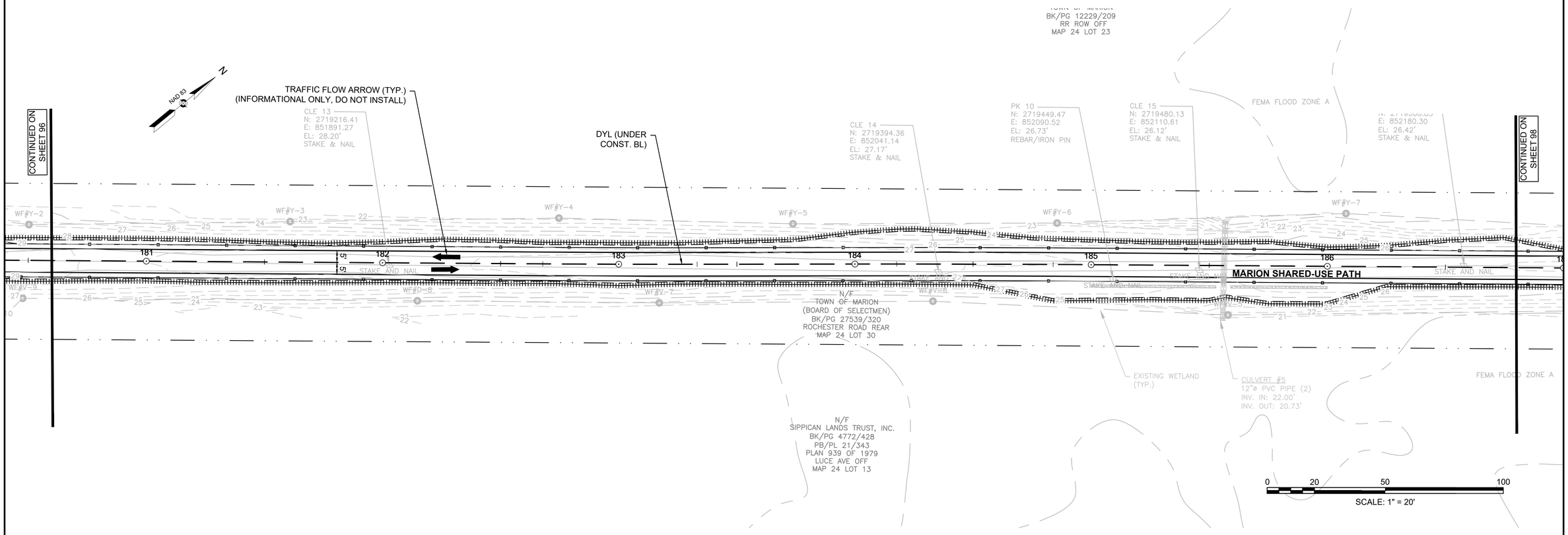


TOWN OF MARION
SHARED USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	97	274
PROJECT FILE NO.	607979		

TRAFFIC SIGN &PAVEMENT MARKINGS PLAN
SHEET 14 OF 34

607979_SIGN & PM.DWG Plotted on 27-Oct-2023 2:45 PM

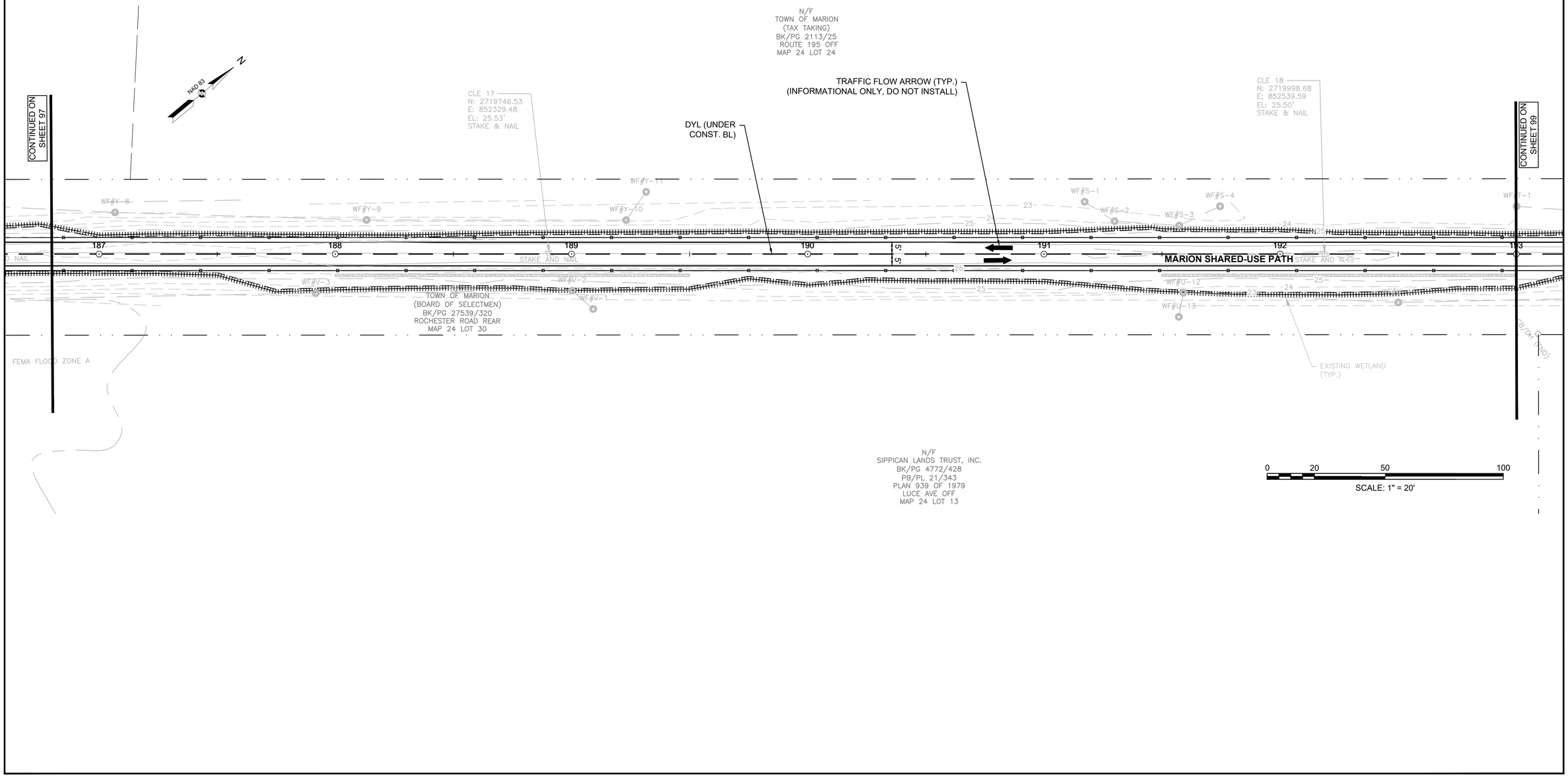


TOWN OF MARION
SHARED USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	98	274
PROJECT FILE NO.	607979		

TRAFFIC SIGN &PAVEMENT MARKINGS PLAN
SHEET 15 OF 34

607979_SIGN & PM.DWG Plotted on 27-Oct-2023 2:45 PM

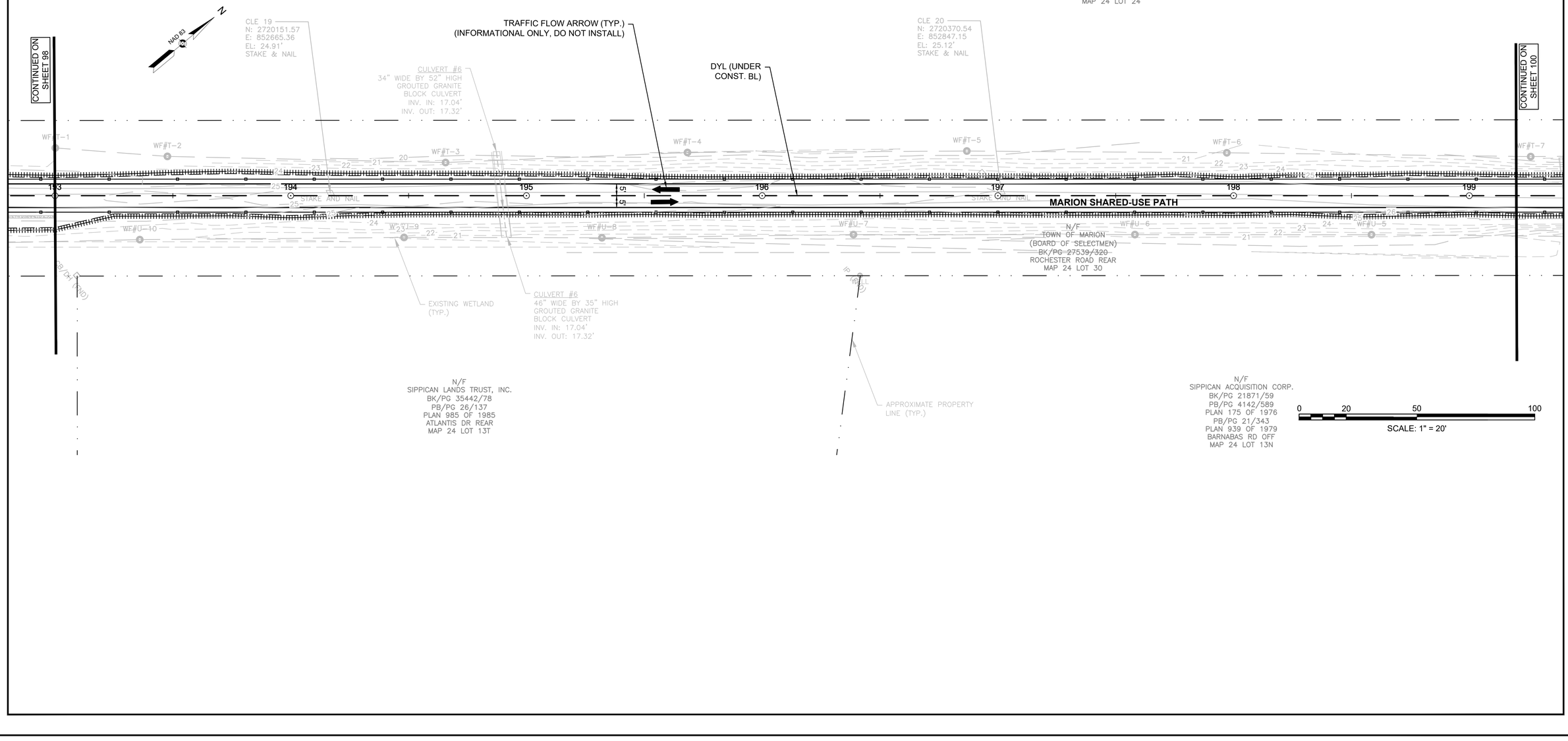


TOWN OF MARION
SHARED USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	99	274
PROJECT FILE NO.	607979		

TRAFFIC SIGN &PAVEMENT MARKINGS PLAN
SHEET 16 OF 34

607979_SIGN & PM.DWG Plotted on 27-Oct-2023 2:45 PM

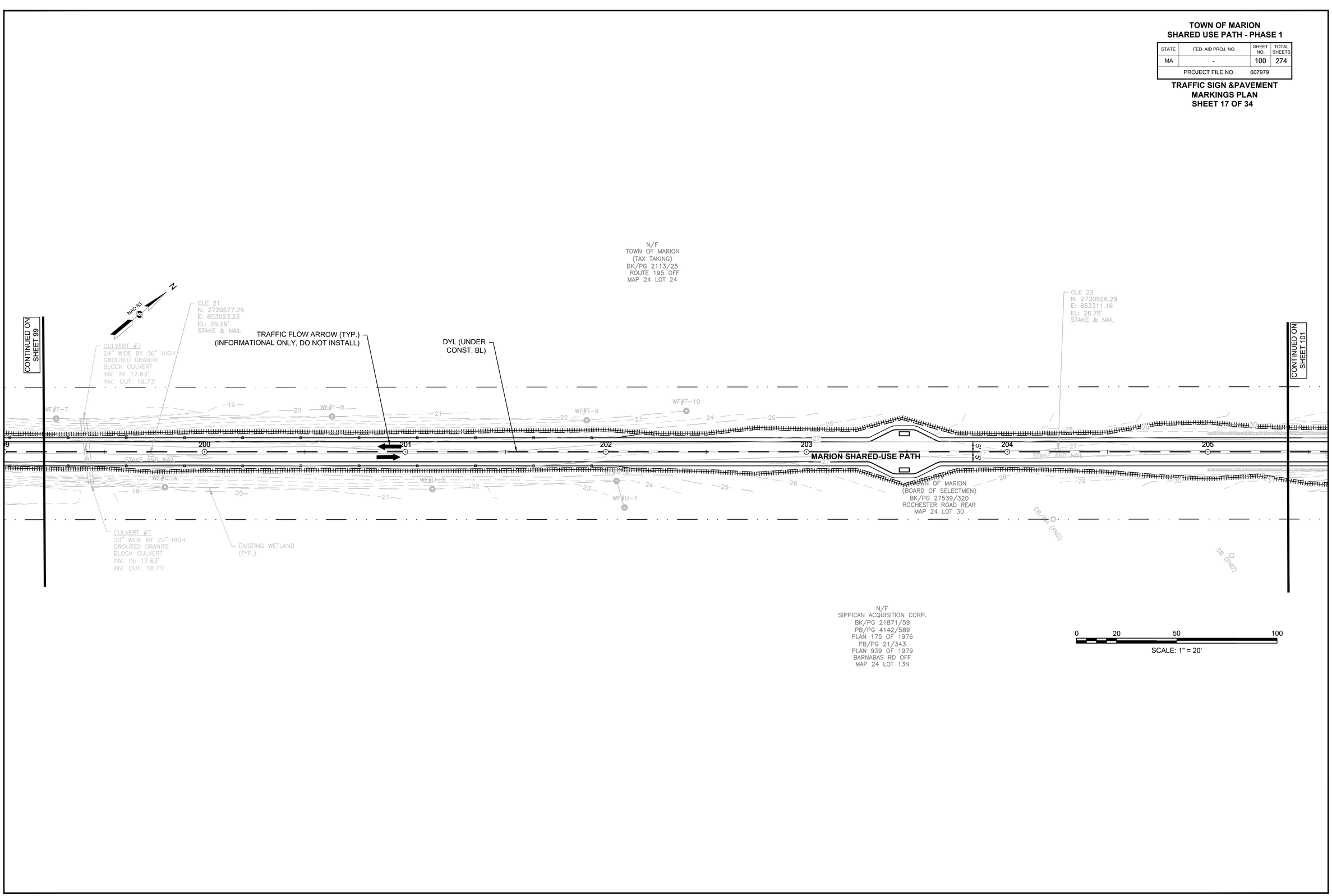


TOWN OF MARION
SHARED USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	100	274
PROJECT FILE NO.	607979		

TRAFFIC SIGN &PAVEMENT MARKINGS PLAN
SHEET 17 OF 34

607979_SIGN & PM.DWG Plotted on 27-Oct-2023 2:45 PM

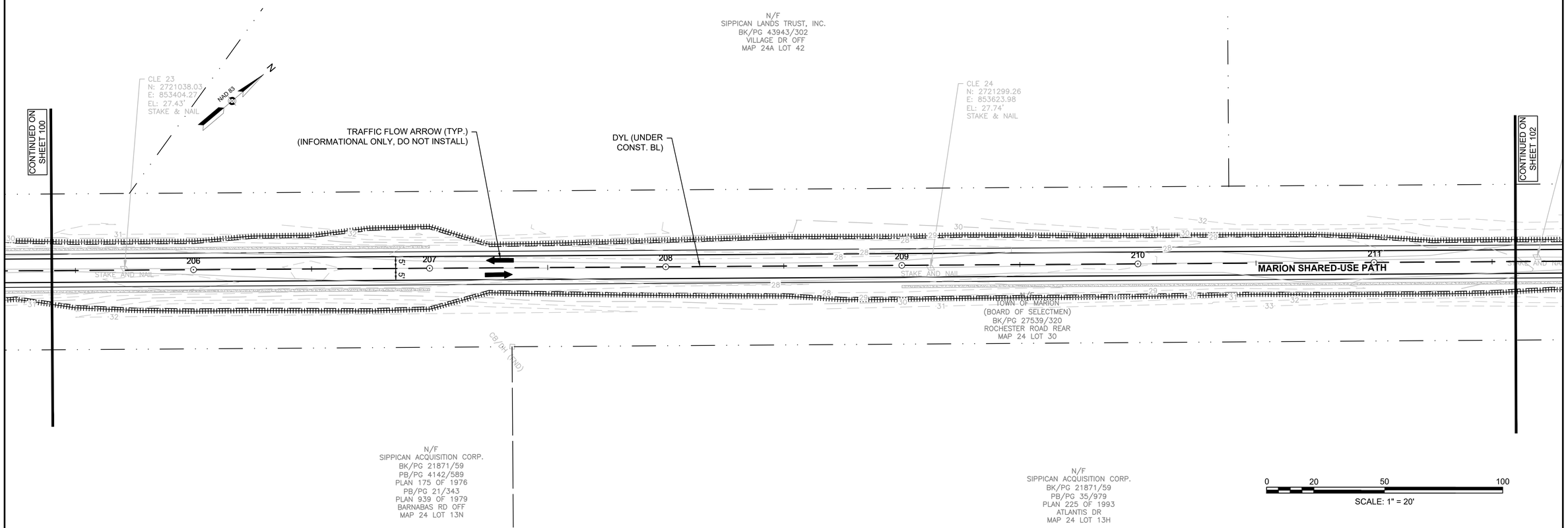


TOWN OF MARION
SHARED USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	101	274
PROJECT FILE NO.	607979		

TRAFFIC SIGN &PAVEMENT MARKINGS PLAN
SHEET 18 OF 34

607979_SIGN & PM.DWG Plotted on 27-Oct-2023 2:46 PM

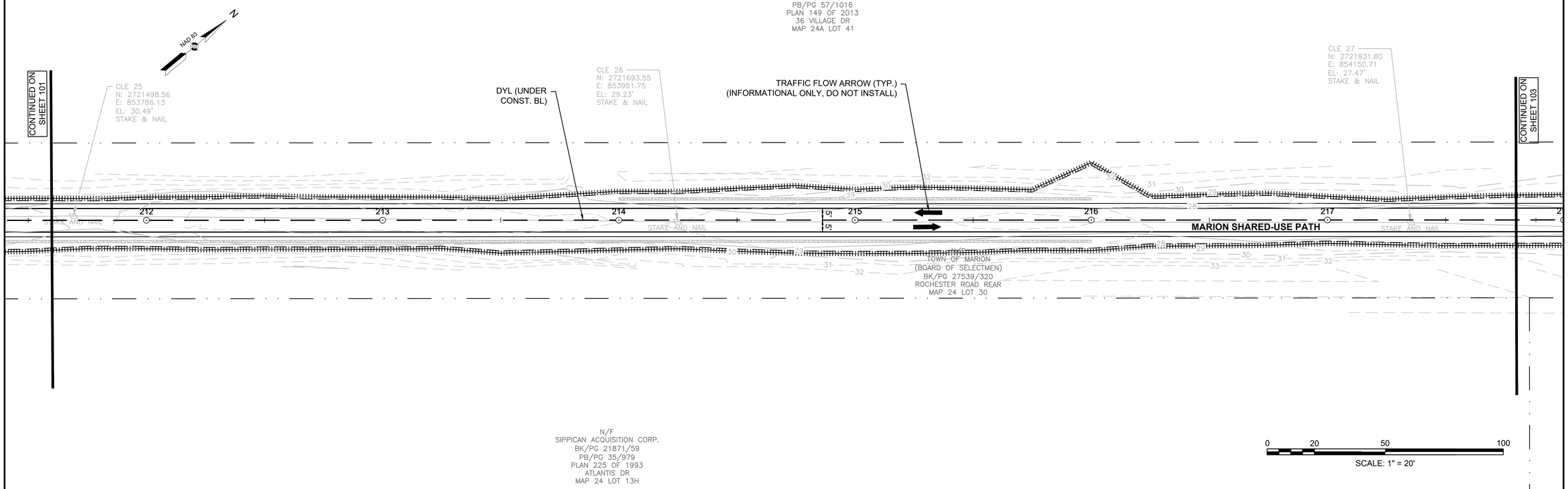


TOWN OF MARION
SHARED USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	102	274
PROJECT FILE NO.	607979		

TRAFFIC SIGN &PAVEMENT MARKINGS PLAN
SHEET 19 OF 34

607979_SIGN & PM.DWG Plotted on 27-Oct-2023 2:46 PM



TOWN OF MARION
SHARED USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	103	274
PROJECT FILE NO.	607979		

TRAFFIC SIGN &PAVEMENT MARKINGS PLAN
SHEET 20 OF 34

607979_SIGN & PM.DWG Plotted on 27-Oct-2023 2:46 PM

NAD 83

CONTINUED ON SHEET 102

CLE 27A
N: 2721992.97
E: 854204.34
EL: 27.08'
REBAR/IRON PIN

N/F
MARION VILLAGE ESTATES LLC
BK/PG 43959/256
PB/PG 57/1016
PLAN 149 OF 2013
36 VILLAGE DR
MAP 24A LOT 41

CLE 28
N: 2722147.09
E: 854324.40
EL: 27.07'
STAKE & NAIL

N/F
MARION VILLAGE ESTATES LLC
BK/PG 43959/256
PB/PG 57/1016
PLAN 149 OF 2013
36 VILLAGE DR
MAP 24A LOT 41

SDWK
LOAM & SEED SHLD
EOP

VILLAGE DR.
(APPROX. LOCATION BASED ON AERIAL IMAGERY)

EOP

CLE 29
N: 2722308.98
E: 854436.76
EL: 26.94'
STAKE & NAIL

CLE 30
N: 2722423.73
E: 854499.95
EL: 26.42'
STAKE & NAIL

DYL (UNDER CONST. BL)

N/F
TOWN OF MARION
(BOARD OF SELECTMEN)
BK/PG 27539/0400
MAP 24 LOT 30

MARION SHARED-USE PATH

218 219 220 221 222 223 224

CONTINUED ON SHEET 104

TRAFFIC FLOW ARROW (TYP.)
(INFORMATIONAL ONLY, DO Nnot INSTALL)

CB # 8 (FND)

N/F
SIPPICAN ASSOCIATES LIMITED PARTNERSHIP
BK/PG 17353/0266
PB/PG 32/324
PLAN 434 OF 1989
15 MILL ST
MAP 24 LOT 13G

N/F
SHERMAN E. BRIGGS, JR., ALICE M. BRIGGS AND ARNOLD BRIGGS
BK/PG 23330/298
PB/PG 53/834
PLAN 749 OF 2007
SPRING ST
MAP 24 LOT 36A

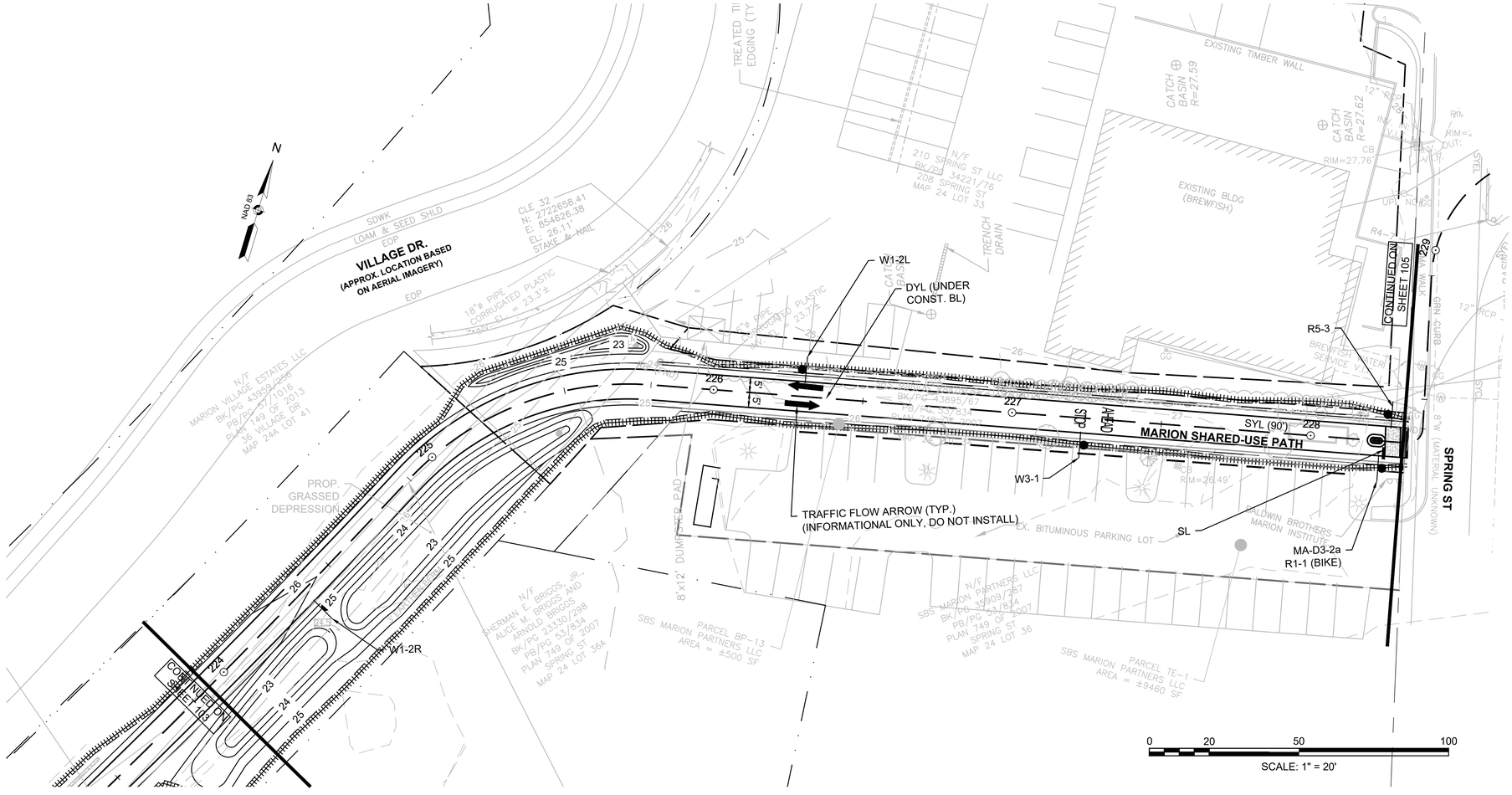
0 20 50 100
SCALE: 1" = 20'

TOWN OF MARION
SHARED USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	104	274
PROJECT FILE NO.	607979		

TRAFFIC SIGN &PAVEMENT MARKINGS PLAN
SHEET 21 OF 34

607979_SIGN & PM.DWG Plotted on 27-Oct-2023 2:46 PM



TOWN OF MARION
SHARED-USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	105	274
PROJECT FILE NO.	607979		

FRONT ST (RTE 105) AT SPRING ST
TRAFFIC SIGNS & PAVEMENT MARKING PLAN
SHEET 22 OF 34

Y16147.21 MARION PATHWAY (SIGN & PM).DWG Plotted on 20-Oct-2023 12:37 PM

CONTINUED ON SHEET NO. 106

N

1903 LAYOUT 842

MATCH EXIST PVMT MARKINGS

MATCH EXIST PVMT MARKINGS

LIMIT OF WORK
STA 103+00
N2722716.2592
E854957.3386

PROP W11-15 W16-9P

PROP RRFB (SEE DETAIL) WITH APS PUSHBUTTON

INSET 1

1903 LAYOUT 842 | 1903 LAYOUT 823

1903 BASELINE

100+00

101

102

103 RET

103+50

25±50

+34.13

160' DBYL

19' DBYL

+46.93

33' DBYL

10' CW

12' CW

15'

13'

12'

FRONT ST (RTE 105)

TABOR ACADEMY (AHEAD)

105 SOUTH MARION WAREHAM –> <–MATTAPOISETT

R&R

PROP MA-D3-1 (PBS)

PROP MA-D3-2 (PBS)

SL

PROP W11-15 W16-9P

LIMIT OF WORK
STA 100+52.91
N2722920.9447
E854820.1752

R&D OM1–1

R&D R5–1

R&R R1–1

LIMIT OF WORK
STA 201+19
N2722644.5810
E854910.7007

PROP RRFB (SEE DETAIL)

INSET 2

PROP 4' TRAFFIC SIGNAL PEDESTAL WITH APS PUSHBUTTON FOR RRFB

R&D R4–7

229

201

95' DBYL

201+46.39

SPRING ST

TOWN LAYOUT

MATCH EXIST PVMT MARKINGS

R&D <–SPRING ST FRONT ST–>

RET BALDWIN BROTHERS MARION INSTITUTE

228

PROP OM1-1

TOWN LAYOUT

EX. BITUMINOUS PARKING LOT

227

CONTINUED ON SHEET NO. 104

0 20 50 100
SCALE: 1" = 20'

INSET 1
SCALE: 1" = 2'

TRAFFIC SIGNAL BASE
4"
20"
TRAFFIC SIGNAL POST

TRAFFIC SIGNAL BASE
20"
4"
TRAFFIC SIGNAL POST

RRFB BUTTON BASE
RRFB BUTTON POST
20"
4"

HOR. SCALE IN FEET
2 0 2 4
VER. SCALE IN FEET
2 0 2 4

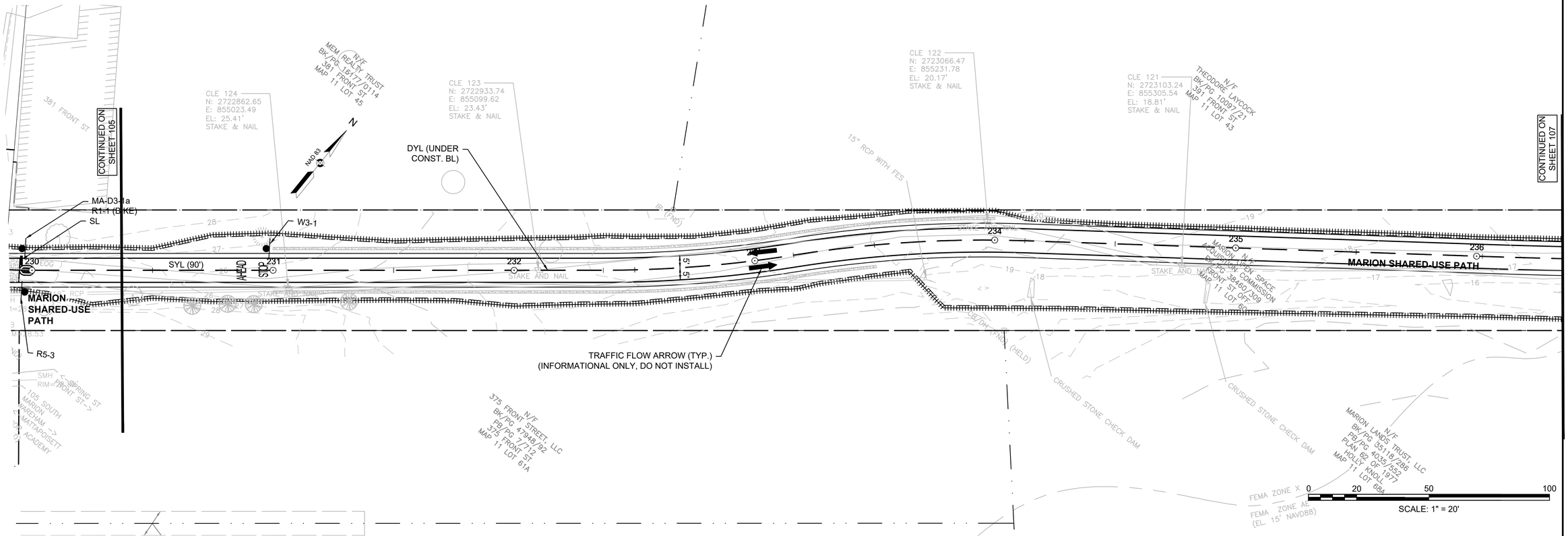
INSET 2
SCALE: 1" = 2'

TOWN OF MARION
SHARED USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	106	274
PROJECT FILE NO.		607979	

TRAFFIC SIGN &PAVEMENT MARKINGS PLAN
SHEET 23 OF 34

607979_SIGN & PM.DWG Plotted on 27-Oct-2023 2:46 PM

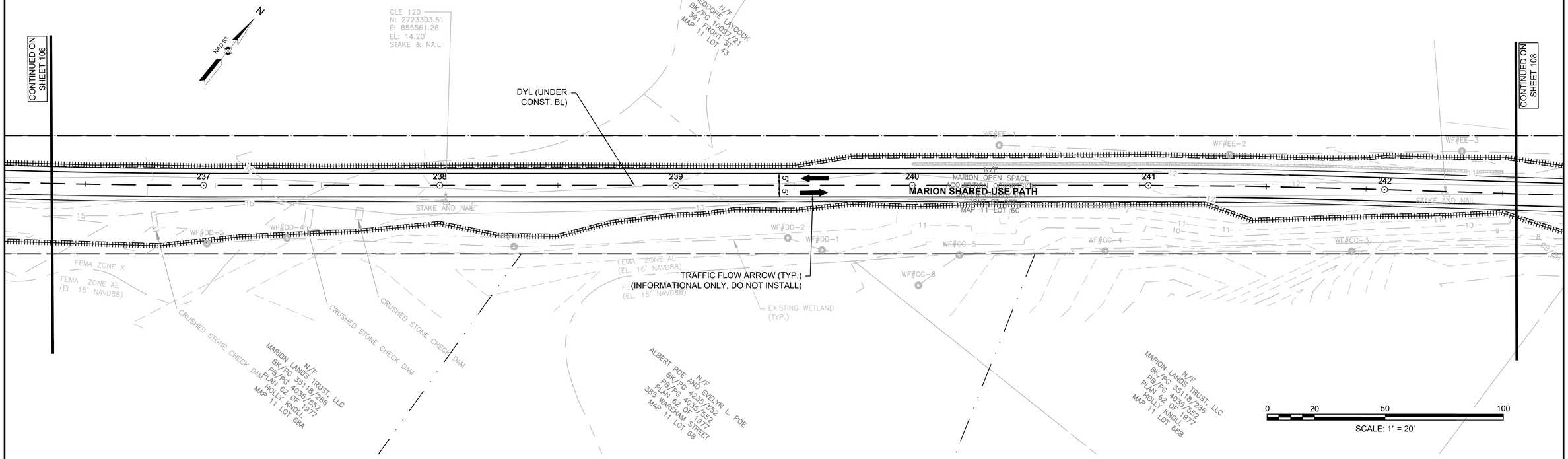


TOWN OF MARION
SHARED USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	107	274
PROJECT FILE NO.	607979		

TRAFFIC SIGN &PAVEMENT MARKINGS PLAN
SHEET 24 OF 34

607979_SIGN & PM.DWG Plotted on 27-Oct-2023 2:46 PM

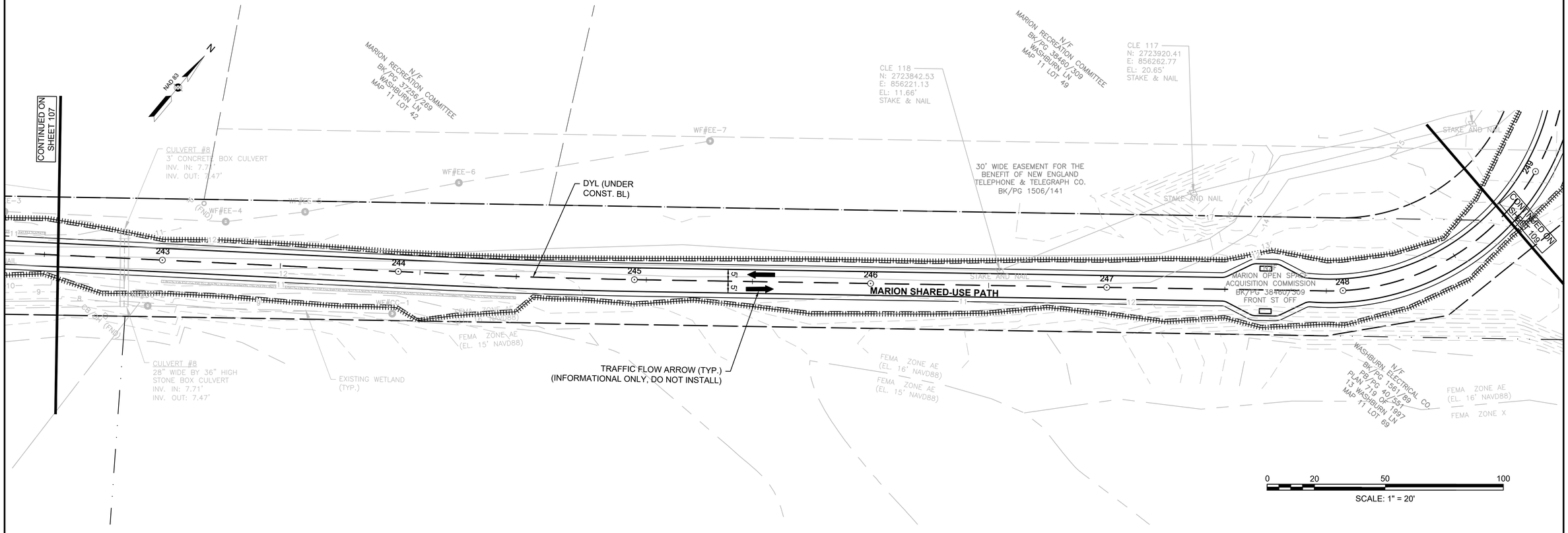


TOWN OF MARION
SHARED USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	108	274
PROJECT FILE NO.	607979		

TRAFFIC SIGN &PAVEMENT MARKINGS PLAN
SHEET 25 OF 34

607979_SIGN & PM.DWG Plotted on 27-Oct-2023 2:46 PM

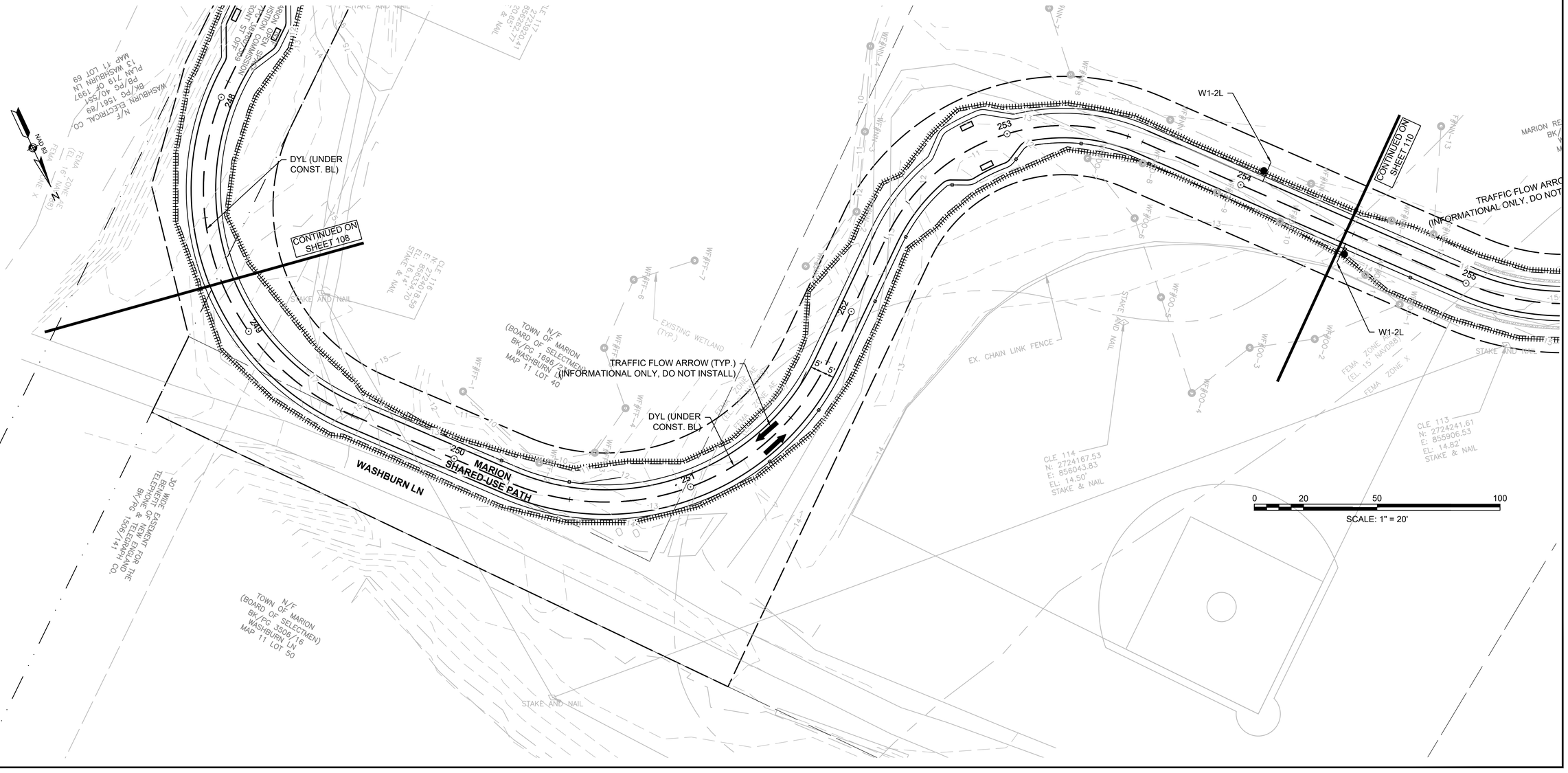


TOWN OF MARION
SHARED USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	109	274
PROJECT FILE NO.	607979		

TRAFFIC SIGN &PAVEMENT MARKINGS PLAN
SHEET 26 OF 34

607979_SIGN & PM.DWG Plotted on 27-Oct-2023 2:46 PM

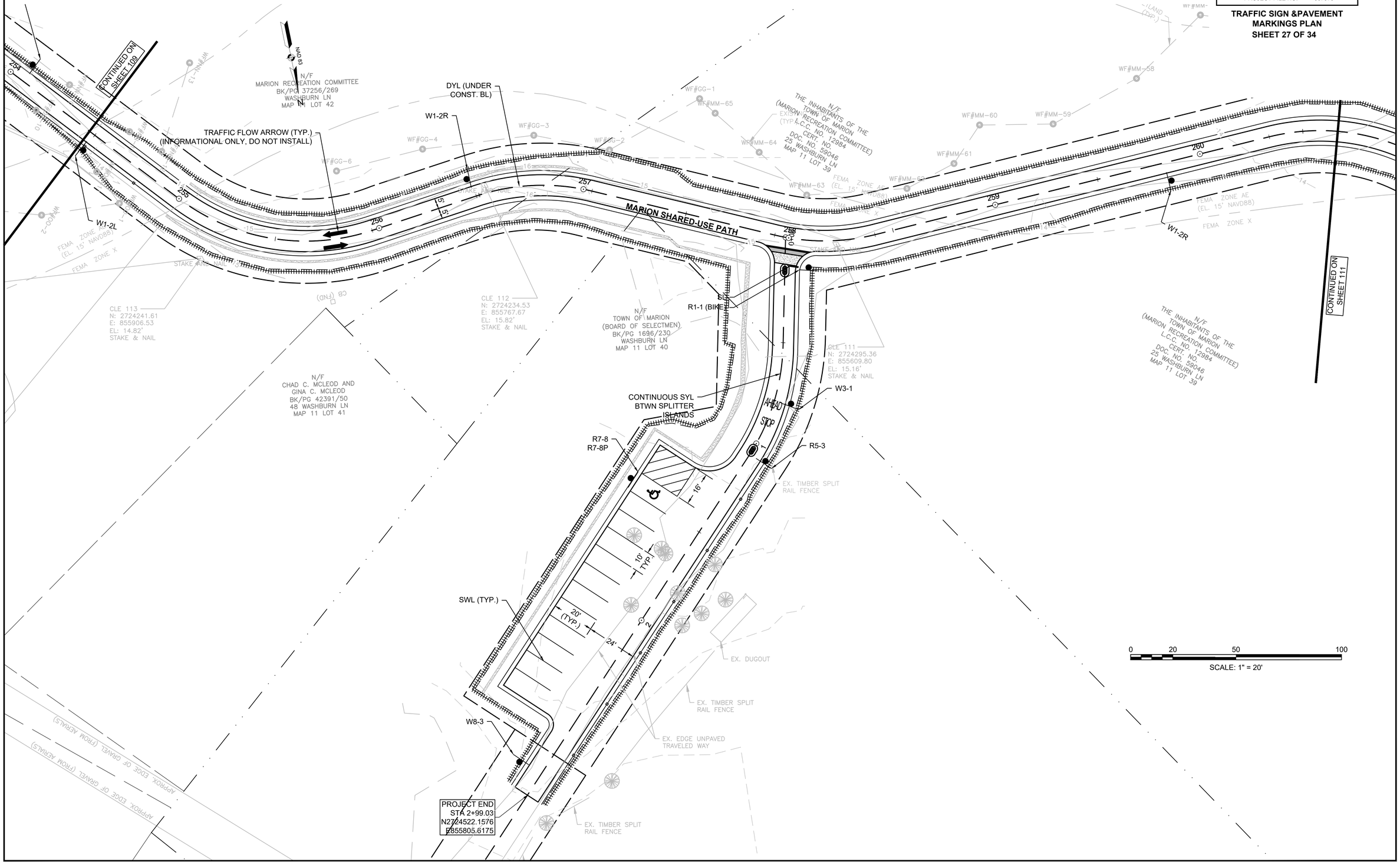


TOWN OF MARION
SHARED USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	110	274
PROJECT FILE NO.	607979		

TRAFFIC SIGN &PAVEMENT MARKINGS PLAN
SHEET 27 OF 34

607979_SIGN & PM.DWG Plotted on 27-Oct-2023 2:46 PM

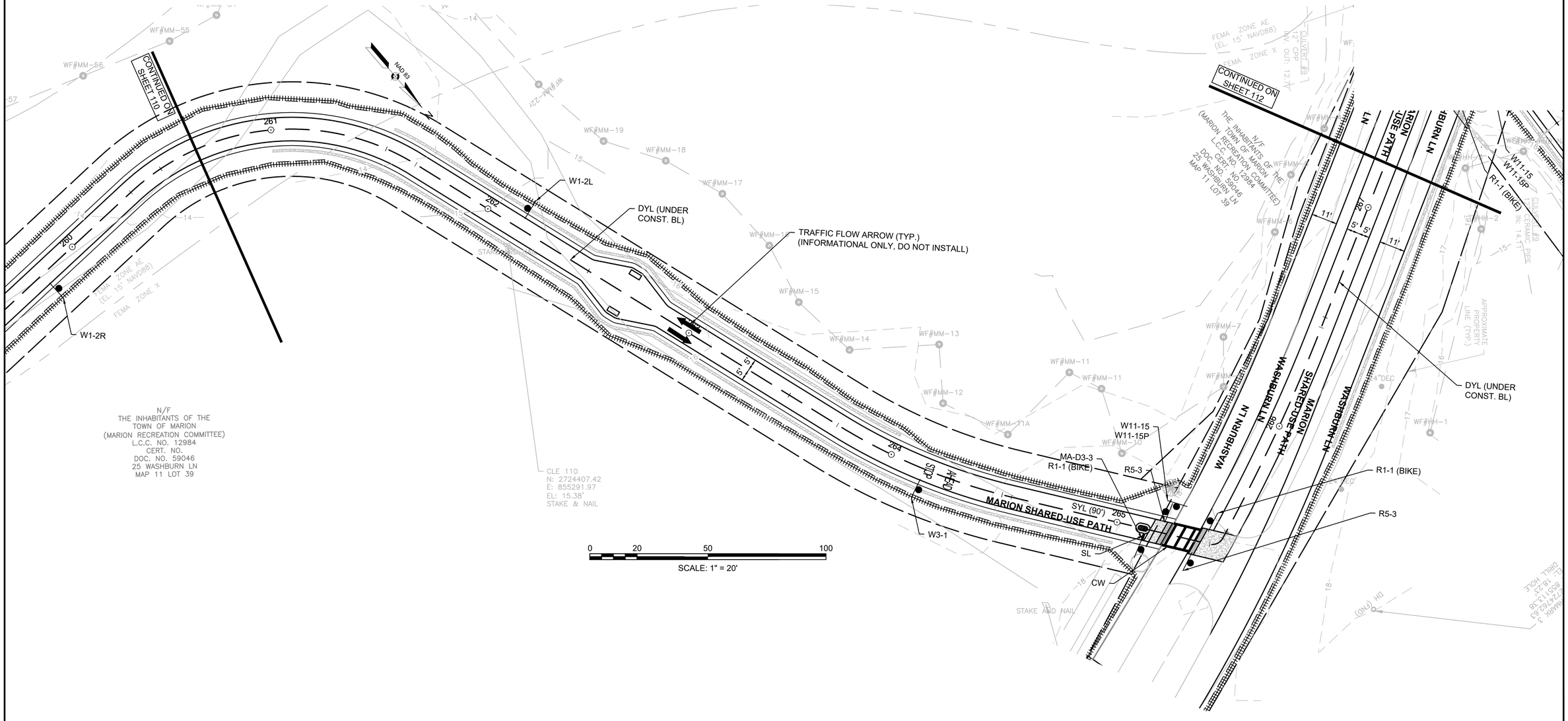


TOWN OF MARION
SHARED USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	111	274
PROJECT FILE NO.	607979		

TRAFFIC SIGNS & PAVEMENT MARKINGS PLAN
SHEET 28 OF 34

607979_SIGN & PM.DWG Plotted on 27-Oct-2023 2:46 PM



TOWN OF MARION
SHARED USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	112	274
PROJECT FILE NO.	607979		

TRAFFIC SIGN &PAVEMENT MARKINGS PLAN
SHEET 29 OF 34

607979_SIGN & PM.DWG Plotted on 27-Oct-2023 2:46 PM

1980 TOWN LAYOUT

R5-3

WASHBURN LN

R5-3

CW

MA-D3-3
R1-1 (BIKE)

SL

R4-7

SYL (90')

W3-1

TRAFFIC FLOW ARROW (TYP.)
(INFORMATIONAL ONLY, DO NOT INSTALL)

CLE 108
N: 2724656.45
E: 854928.59
EL: 18.82'
STAKE & NAIL

NAD 83

N

APPROXIMATE WETLAND LINE (TYP.)

WF#LL-6

WF#LL-5

WF#LL-4

WF#LL-3

WF#LL-2

WF#LL-1

WF#MM-1

WF#MM

WF#HH

WF#HH-2

WF#MM-5

WF#MM-4

WF#HH-1

EXISTING WETLAND (TYP.)

MARION SHARED-USE PATH

WASHBURN LN

W11-15
W11-15P

R1-1 (BIKE)

CULVERT #9
24" CERAMIC PIPE
IN: 14.1'

CULVERT #8
12" CPP
IN: OUT: 12.7'

FEMA ZONE X

APPROXIMATE PROPERTY LINE (TYP.)

267

270

271

272

273

5'

11'

DYL (UNDER CONST. BL)

TRAFFIC FLOW ARROW (TYP.)
(INFORMATIONAL ONLY, DO NOT INSTALL)

CLE 107
N: 2725021.50
E: 854943.89
EL: 19.09'
STAKE & NAIL

STAKE AND NAIL

CONTINUED ON SHEET 113

CONTINUED ON SHEET 111

N/F
BARBARA T. DECOSTA
BK/PG 43938/18
2 WASHBURN PARK RD
MAP 11 LOT 18

N/F
INHABITANTS OF THE TOWN OF MARION
(MARION RECREATION COMMITTEE)
L.C.C. NO. 12984
CERT. NO.
DOC. NO. 59046
25 WASHBURN LN
MAP 11 LOT 39

N/F
THE TRUSTEES OF THE CHARLES WASHBURN MEMORIAL TRUST
BK/PG 2544/430
WASHBURN LN OFF
MAP 11 LOT 36

N/F
SIDNEY J. PIRES, JR.
BK/PG 13696/246
RR ROW OFF
MAP 11 LOT 35

N/F
TOWN OF MARION
(BOARD OF SELECTMEN)
BK/PG 1696/230
WASHBURN LN

N/F
SIDNEY J. PIRES, JR.
BK/PG 13696/246
RR ROW OFF
MAP 11 LOT 34

BENCH
N: 27
E: 85
EL: 18
DRILL

24"DEC

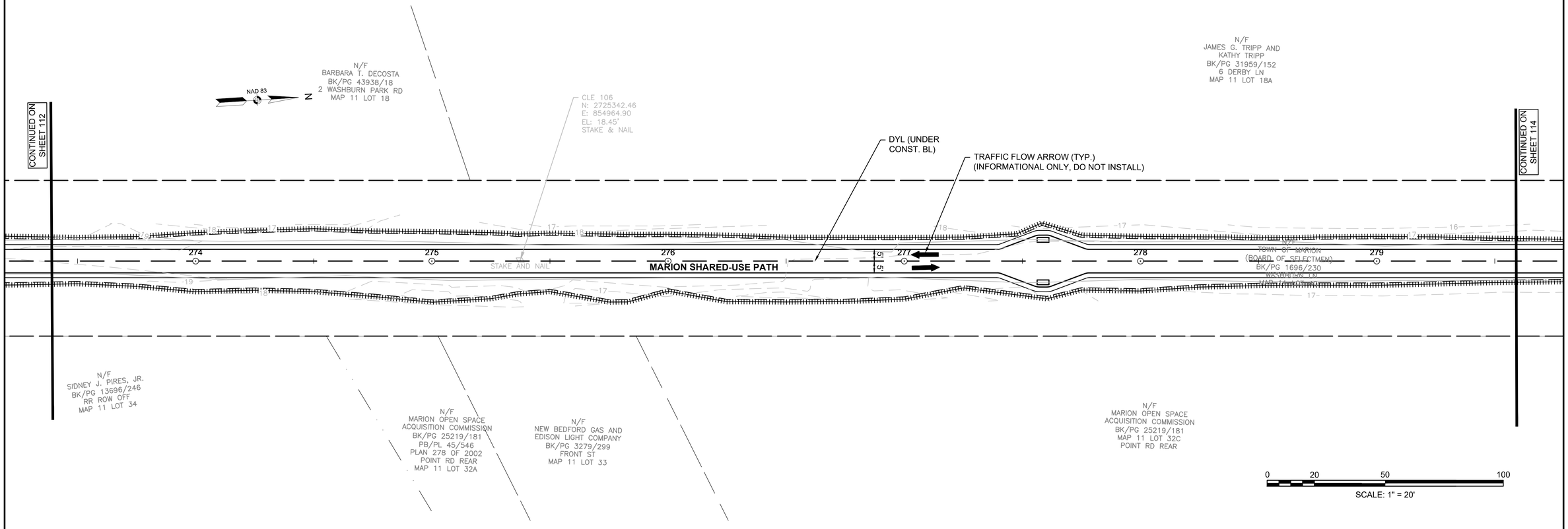
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SCALE: 1" = 20'

TOWN OF MARION
SHARED USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	113	274
PROJECT FILE NO.	607979		

TRAFFIC SIGN &PAVEMENT MARKINGS PLAN
SHEET 30 OF 34

607979_SIGN & PM.DWG Plotted on 27-Oct-2023 2:46 PM

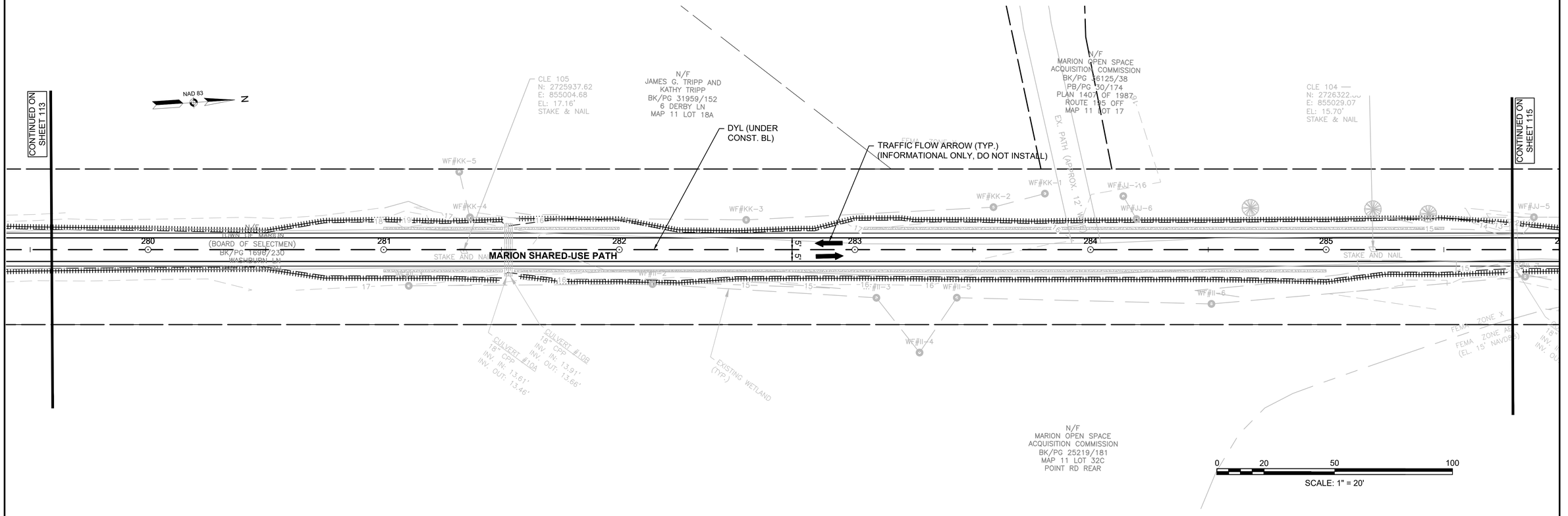


TOWN OF MARION
SHARED USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	114	274
PROJECT FILE NO.	607979		

TRAFFIC SIGN &PAVEMENT MARKINGS PLAN
SHEET 31 OF 34

607979_SIGN & PM.DWG Plotted on 27-Oct-2023 2:47 PM

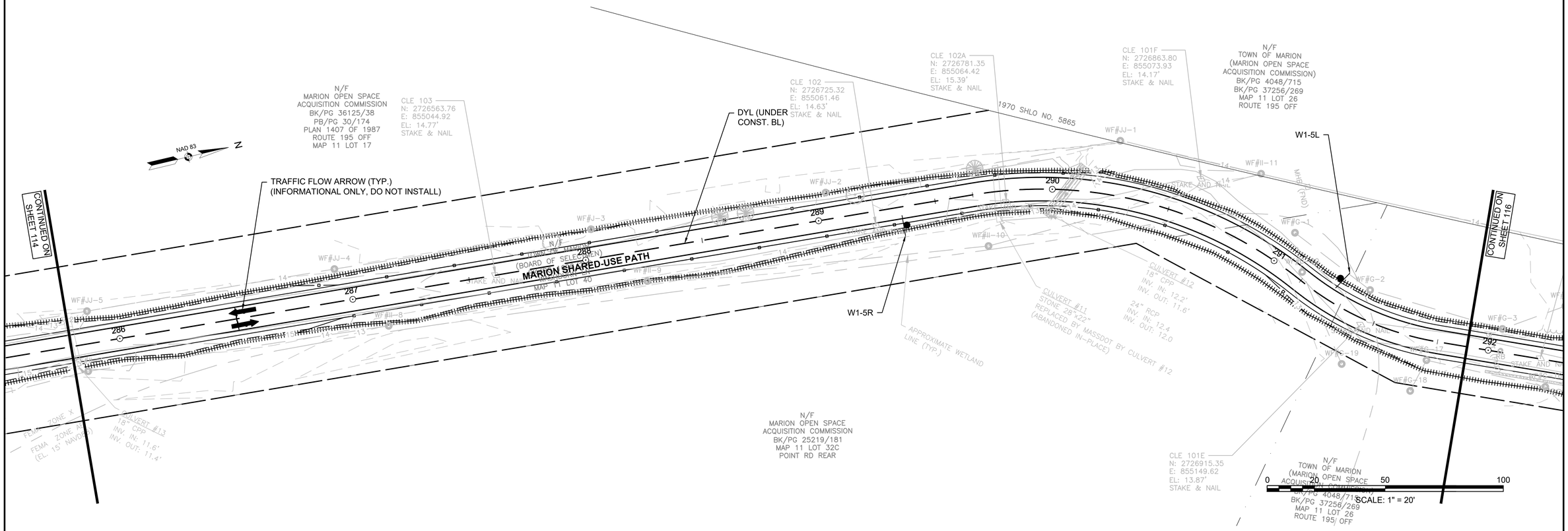


TOWN OF MARION
SHARED USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	115	274
PROJECT FILE NO.	607979		

TRAFFIC SIGN &PAVEMENT MARKINGS PLAN
SHEET 32 OF 34

607979_SIGN & PM.DWG Plotted on 27-Oct-2023 2:47 PM

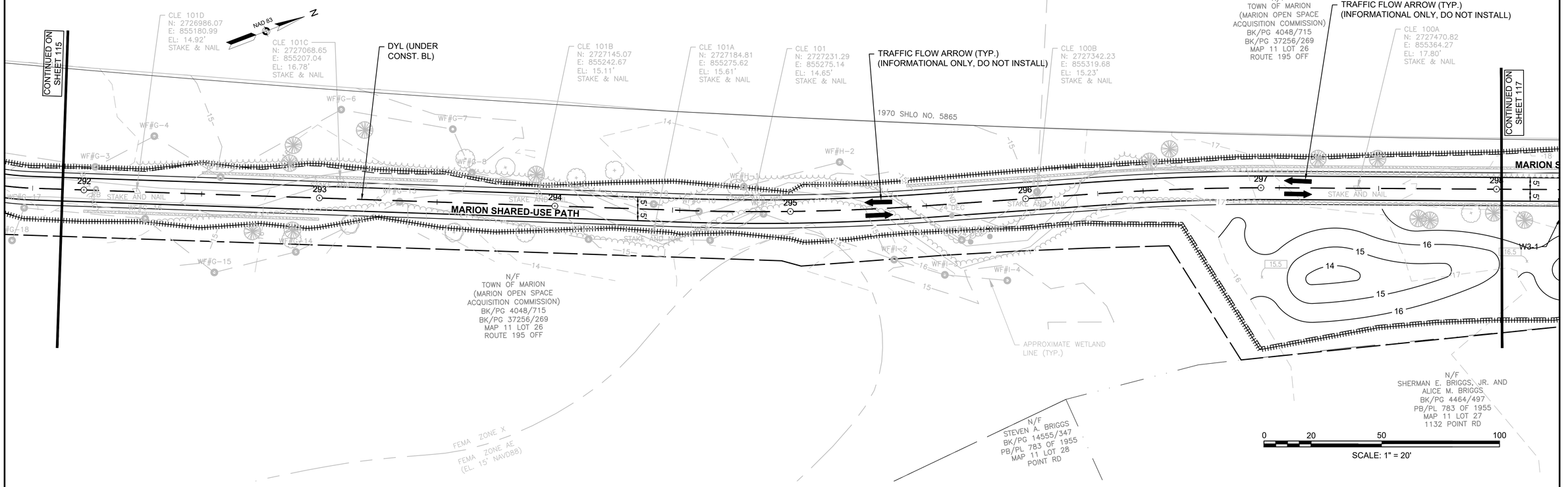


TOWN OF MARION
SHARED USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	116	274
PROJECT FILE NO.	607979		

TRAFFIC SIGNS & PAVEMENT MARKINGS PLAN
SHEET 33 OF 34

607979_SIGN & PM.DWG Plotted on 27-Oct-2023 2:47 PM

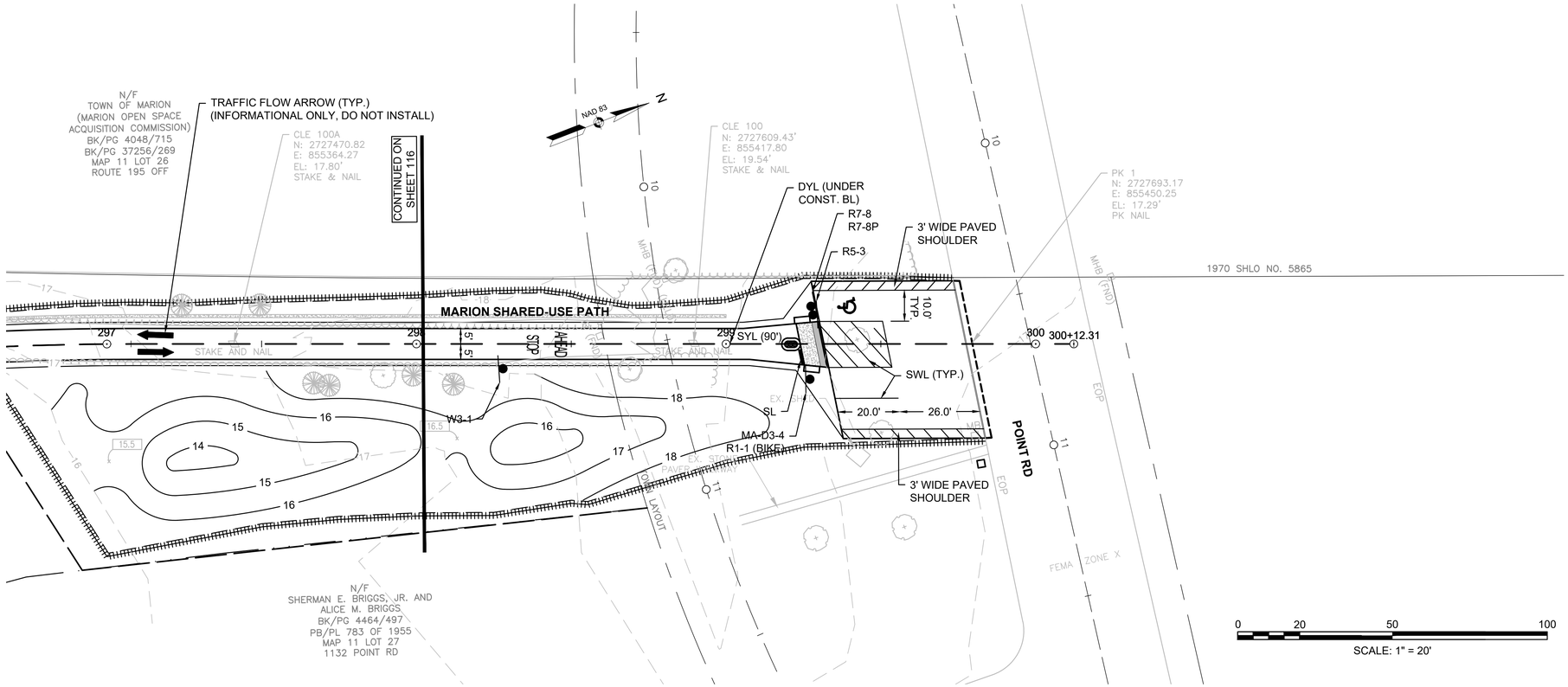


TOWN OF MARION
SHARED USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	117	274
PROJECT FILE NO.	607979		

TRAFFIC SIGNS & PAVEMENT MARKINGS PLAN
SHEET 34 OF 34

607979_SIGN & PM.DWG Plotted on 27-Oct-2023 2:47 PM



TOWN OF MARION
SHARED USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	118	274
PROJECT FILE NO.	607979		

TRAFFIC SIGN SUMMARY
SHEET 1 OF 1

607979_SIGN & PM.DWG Plotted on 27-Oct-2023 2:47 PM

TRAFFIC SIGN SUMMARY

IDENTIFICATION NUMBER	SIZE OF SIGN WIDTH	SIZE OF SIGN HEIGHT	TEXT	TEXT DIMENSIONS (INCHES) LETTER HEIGHT	TEXT DIMENSIONS (INCHES) VERTICAL SPACING	TEXT DIMENSIONS (INCHES) ARROW RTE. MKR.	NUMBER OF SIGNS REQUIRED	COLOR BACK-GROUND	COLOR LEGEND	COLOR BORDER	POST SIZE AND NUMBER REQUIRED	UNIT AREA (S.F.)	AREA IN SQUARE FEET
MA-D3-1 (PBS)	24"	12"	FRONT ST	SEE MASSDOT STANDARDS			2	SEE MASSDOT STANDARDS			P5-1 2-REQ	2.00	4.00
MA-D3-1A (PBS)	24"	8"	Front St	4"/3"	SEE 2009 MUTCD	N/A	1	GREEN	WHITE	WHITE	MOUNT W/ R1-1(BIKE) (1)	1.33	1.33
MA-D3-2 (PBS)	24"	12"	SPRING ST	SEE MASSDOT STANDARDS			2	SEE MASSDOT STANDARDS			MOUNT WITH MA-D3-1 (2)	2.00	4.00
MA-D3-2A (PBS)	24"	8"	Spring St	4"/3"	SEE 2009 MUTCD	N/A	1	GREEN	WHITE	WHITE	MOUNT W/ R1-1(BIKE) (1)	1.33	1.33
MA-D3-3	24"	8"	Washburn Ln	4"/3"	SEE 2009 MUTCD	N/A	2	GREEN	WHITE	WHITE	MOUNT W/ R1-1(BIKE) (2)	1.33	2.66
MA-D3-4	24"	8"	Point Rd	4"/3"	SEE 2009 MUTCD	N/A	1	GREEN	WHITE	WHITE	MOUNT W/ R1-1(BIKE) (1)	1.33	1.33
R1-1(BIKE)	18"	18"	STOP	SEE 2009 MUTCD			8	RED	WHITE	RED	P5-1 8-REQ'D	2.25	18.00
R4-7	18"	24"					1	WHITE	BLACK	WHITE	P5-1 1-REQ'D	3.00	3.00
R5-3	24"	24"	NO MOTOR VEHICLES				8	WHITE	BLACK	WHITE	P5-1 8-REQ'D	4.00	32.00
R7-8	12"	18"	RESERVED PARKING				2	WHITE	GREEN	GREEN	P5-1 2-REQ	1.50	3.00
R7-8P	12"	6"	VAN ACCESSIBLE	4"/3"	SEE 2009 MUTCD	N/A	2	WHITE	GREEN	GREEN	MOUNT W/ R7-8 (2)	1.00	2.00
R10-25	9"	12"	PUSH BUTTON TO TURN ON WARNING LIGHTS	SEE 2009 MUTCD			2	SEE 2009 MUTCD			MOUNT W/ RRFB	0.75	1.50

*PBS – PAINTED BOTH SIDES

IDENTIFICATION NUMBER	SIZE OF SIGN WIDTH	SIZE OF SIGN HEIGHT	TEXT	TEXT DIMENSIONS (INCHES) LETTER HEIGHT	TEXT DIMENSIONS (INCHES) VERTICAL SPACING	TEXT DIMENSIONS (INCHES) ARROW RTE. MKR.	NUMBER OF SIGNS REQUIRED	COLOR BACK-GROUND	COLOR LEGEND	COLOR BORDER	POST SIZE AND NUMBER REQUIRED	UNIT AREA (S.F.)	AREA IN SQUARE FEET
W1-2R	18"	18"		SEE 2009 MUTCD			3	YELLOW	BLACK	BLACK	P5-1 3-REQ'D	2.25	6.75
W1-2L	18"	18"					4	YELLOW	BLACK	BLACK	P5-1 4-REQ'D	2.25	9.00
W1-5L	18"	18"					1	YELLOW	BLACK	BLACK	P5-1 1-REQ'D	2.25	2.25
W1-5R	18"	18"					1	YELLOW	BLACK	BLACK	P5-1 1-REQ'D	2.25	2.25
W3-1	18"	18"					6	YELLOW	BLACK RED WHITE	BLACK	P5-1 6-REQ'D	2.25	13.50
W8-3	18"	18"	PAVEMENT ENDS				3	YELLOW	BLACK	BLACK	P5-1 3-REQ'D	2.25	6.75
W11-15	30"	30"					6	SEE 2009 MUTCD			MOUNT W/ RRFB 4-REQ P5-1 2-REQ	6.25	37.50
W11-15P	24"	18"	TRAIL XING				2				MOUNT W/ W11-15 (2)	3.00	6.00
W16-2AP	24"	12"	500 FT				1	YELLOW	BLACK	BLACK	MOUNT W/ R7-8 (1)	2.00	2.00
W16-7PL	24"	12"					4	SEE 2009 MUTCD			MOUNT W/ W11-15P (2) MOUNT W/ RRFB (2)	4.00	16.00
W16-7PR	24"	12"					4				MOUNT W/ W11-15P (2) MOUNT W/ RRFB (2)	4.00	16.00
W16-9P	24"	12"	AHEAD				2				MOUNT W/ W11-15 (2)	2.00	4.00
OM1-1	18"	18"					1				P5-1 1-REQ	2.25	2.25

TOTAL: 198.40 SF

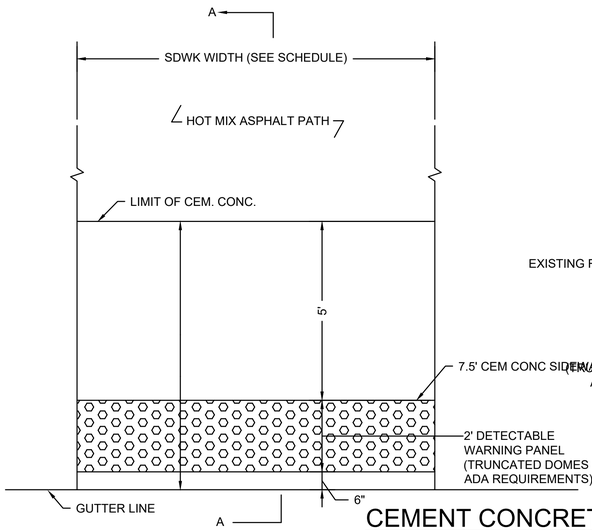
TOWN OF MARION
SHARED-USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	119	274
PROJECT FILE NO.	607979		

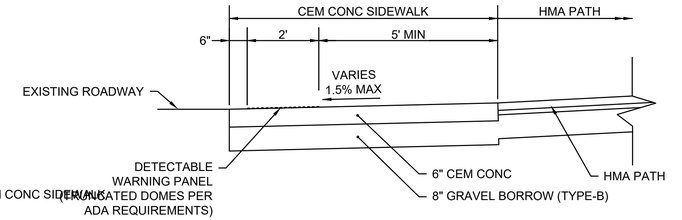
CONSTRUCTION DETAILS
SHEET 1 OF 5

PROPOSED CEMENT CONCRETE SIDEWALK/WARNING PANEL SCHEDULE

ID	GUTTER CL STATION	GUTTER LENGTH / SLOPE	SDWK LENGTH / SLOPE
A	228+32.54	10.0' / 1.5%	7.5' / 1.75%±
B	229+87.25	10.0' / 1.5%	7.5' / -3.1%±
C	0+5.43	10.0' / 1.5%	7.5' / -1.5%±
D	265+22.14	10.0' / 1.5%	7.5' / 1.5%±
E	265+33.67	12.0 / 1.5%	15.0' / 1.5%±
F	267+92.40	15.0 / 1.5%	15.0' / 0.4%±
G	268+03.78	10.0' / 1.5%	7.5' / 0.4%±
H	299+31.61	10.0' / 1.5%	7.5' / -4.0%±



PLAN

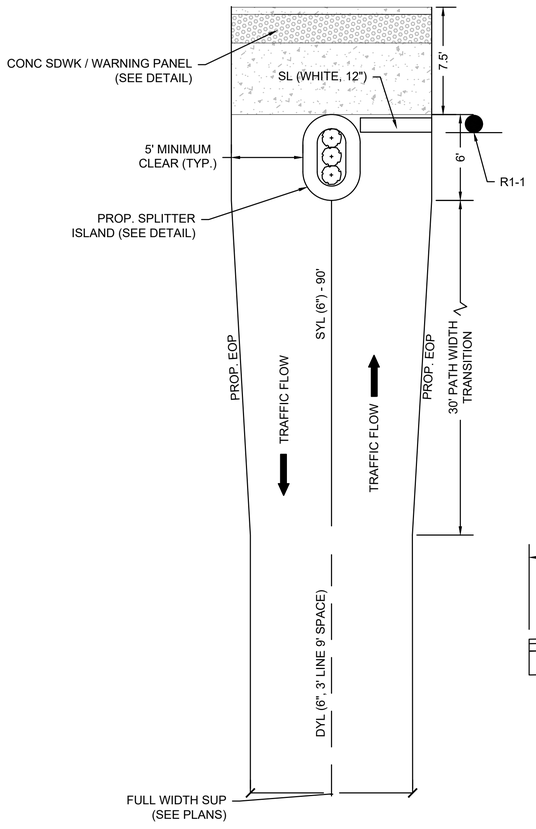


SECTION A-A

NOTE:
1. CONTRACTOR SHALL INSTALL DETECTABLE WARNING PANELS WITHIN 30 INCHES OF GUTTER IN CONFORMANCE WITH MASSDOT STANDARD DETAIL 107.6.5 AT ALL ROAD CROSSINGS.
2. SEE CONSTRUCTION SCHEDULES ABOVE FOR DETAILS.

CEMENT CONCRETE SIDEWALK/WARNING PANEL

GRAPHIC SCALE
0 1 2 4
(IN FEET)
1 INCH = 2 FEET



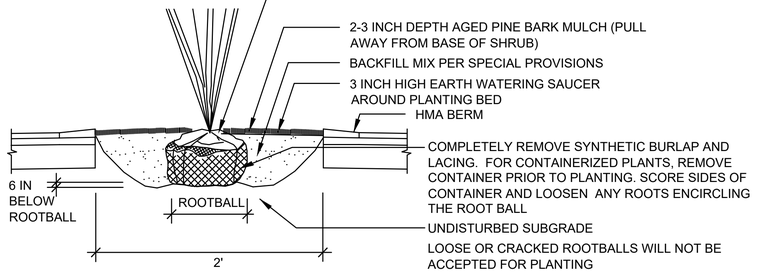
SPLITTER ISLAND TYPICAL PLAN VIEW

NOT TO SCALE

EXCAVATE TO REQUIRED DEPTH AND BACKFILL WITH PLANTING MIX

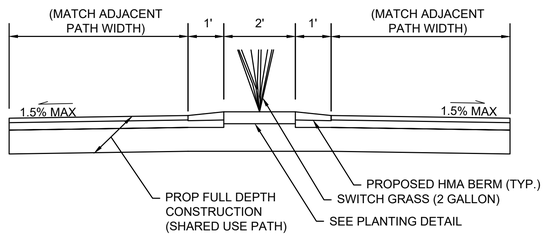
SHRUBS SHALL BE SET PLUMB

WATER BY FLOODING TWICE IN FIRST TWO HOURS AFTER PLANTING. WATER & MAINTAIN AS PER STANDARD SPECIFICATIONS



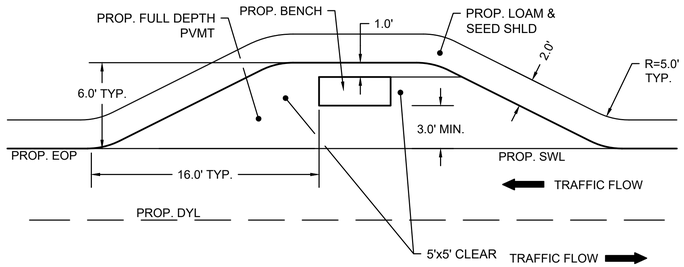
PLANTING DETAIL

NOT TO SCALE



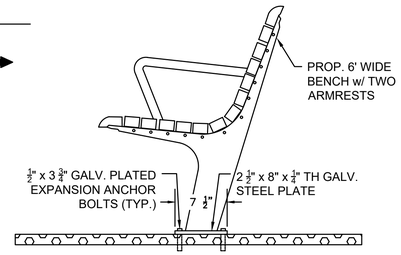
TYPICAL SPLITTER ISLAND SECTION

GRAPHIC SCALE
0 1 2 4
(IN FEET)
1 INCH = 2 FEET



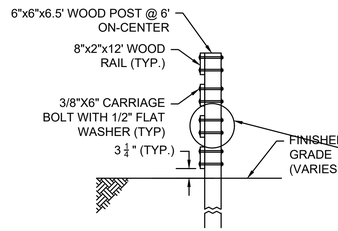
TYPICAL REST AREA DETAIL

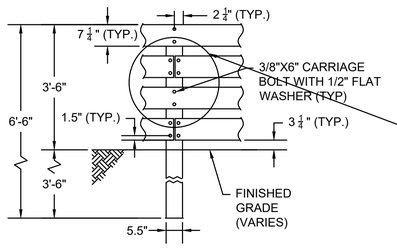
GRAPHIC SCALE
0 2.5 5 10
(IN FEET)
1 INCH = 5 FEET



WOOD AND STEEL BENCH

NOT TO SCALE





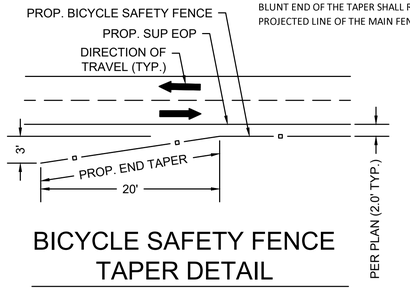
BICYCLE SAFETY FENCE

GRAPHIC SCALE
0 1 2 4
(IN FEET)
1 INCH = 2 FEET

PROPOSED BICYCLE SAFETY FENCE SCHEDULE

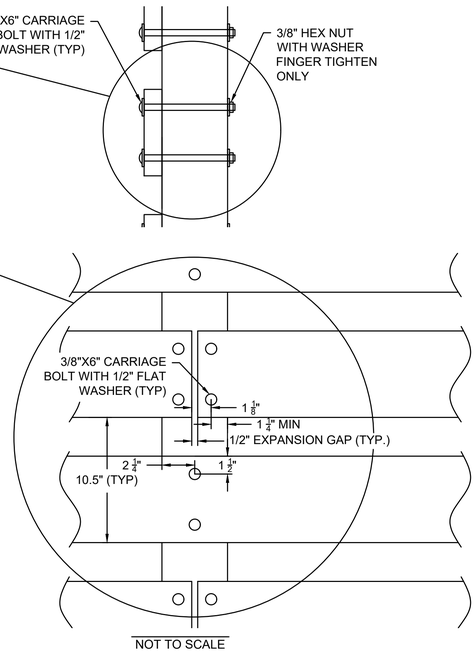
STATIONS		END TREATMENT*	
BEGIN	END	BEGIN	END
STA 130+33 L+R	STA 130+93 L+R	TAPER	TAPER
STA 133+25 R	STA 145+25 R	TAPER	TAPER
STA 133+75 L	STA 145+25 L	TAPER	TAPER
STA 150+50 L+R	STA 151+10 L+R	TAPER	TAPER
STA 180+25 L+R	STA 202+25 L+R	TAPER	TAPER
STA 249+75 L	STA 250+75 L	TAPER	TAPER
STA 286+75 L	STA 290+25 L	TAPER	TAPER
STA 286+75 R	STA 291+25 R	TAPER	TAPER

*END TREATMENT TAPERS SHALL ANGLE AWAY FROM THE SUP TRAVEL WAY FOR A DISTANCE OF 20 FEET MEASURED ALONG THE SUP CONSTRUCTION BASELINE. THE BLUNT END OF THE TAPER SHALL REFLECT A MINIMUM OFFSET OF 3 FEET FROM THE PROJECTED LINE OF THE MAIN FENCE SEGMENT.



BICYCLE SAFETY FENCE TAPER DETAIL

NOT TO SCALE



NOT TO SCALE

BICYCLE SAFETY FENCE NOTES:
1. WOOD POSTS, RAILS AND BLOCKS SHALL BE SOUTHERN YELLOW PINE CONFORMING TO MASSDOT MATERIAL SPECIFICATION M8.07.2.
2. ALL NUTS, BOLTS AND WASHERS SHALL CONFORM TO MASSDOT MATERIAL SPECIFICATION M8.07.0.
3. CONTRACTOR TO RESTORE WOOD TREATMENT AND FILL VOIDS WITH EPOXY AFTER DRILLING FOR COUNTER SUNK HARDWARE.
4. WOOD SIZES SHOWN ARE NOMINAL TO MATCH COMMON INDUSTRY SIZES.
5. SAFETY FENCE/HIGHWAY GUARD LOCATIONS AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER.
6. BOLTS SHALL HAVE A MINIMUM 2" THREAD, WASHERS SHALL BE 1" DIAMETER CUT STEEL.

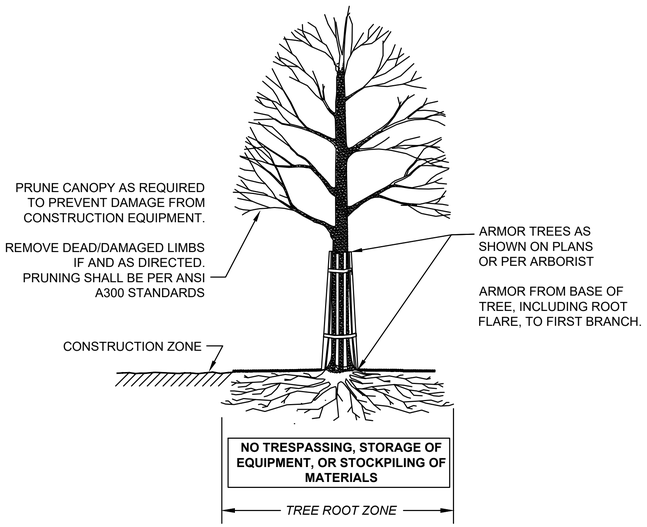
TOWN OF MARION
SHARED-USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	120	274
PROJECT FILE NO.	607979		

CONSTRUCTION DETAILS
SHEET 2 OF 5

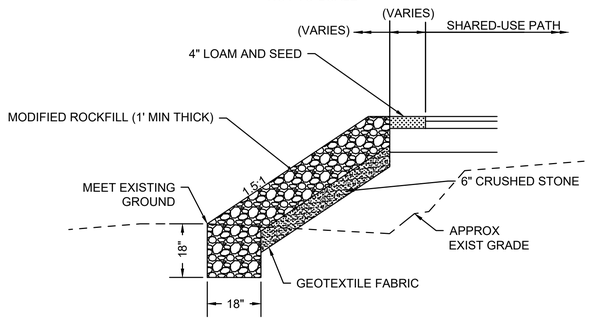
Existing Tree Locations to be Protected

STA	L/R	Offset	Diameter	Type	Condition/ Notes
226+73	L	7'		INK	To be removed
226+75	R	9'		OAK	To be protected and trimmed
226+96	L	10'		RBIRCH	To be protected
227+12	R	7'	3"	RM	To be protected and trimmed
227+19	L	10'		RBIRCH	To be removed
227+39	L	10'		BIRCH	To be protected and trimmed over SUP
227+47	R	11'		OCONIF	To be protected and trimmed over SUP
227+89	R	4'		JMAPLE	To be removed
227+93	L	8'		DOG (4)	To be removed & reset to Brewfish lot
228+02	L	9'	6"	ARBOR	To be removed
228+15	L	9'	12"	SPRUCE	To be removed
230+05	R	14.5'	18"	OAK	To be protected
230+10	L	14'	18"	CHERRY	To be protected
230+42	R	10.5'	20"	RM	To be protected
230+66	R	14.5'	24"	WP	To be removed
230+72	R	14'	15"	WP	To be removed
230+90	R	14'	24"	WP	To be protected
230+94	L	14'	22"	SMAPLE	To be protected and pruned to 10' above SUP
231+31	R	13'	24"	WP	Dead to be removed
1+58	L	15'		WP	To be protected
1+66	R	11'		WP	To be removed
1+67	R	8'		WP	To be removed
1+68	R	25'		WP	To be protected
1+70	L	28'		WP	To be protected
1+80	L	8'		WP	To be removed
1+81	L	22'		WP	To be protected
1+91	L	17'		WP	To be protected
1+97	R	8'		WP	To be removed
2+71	L	30'		WP	To be protected
265+64	L	19.5'		WP	Dead to be removed
265+59	R	14.5'	24"	BOAK	To be removed
267+99	R	21'	19"	WP	To be removed
284+12	L	17'	19"	WP	To be removed
284+64	L	17'	19"	WP	To be removed
284+88	L	15'	18"	WP	To be removed
287+41	L	10'	12"	BOAK	To be protected
288+03	L	8.5'	15"	WP	To be removed
288+14	L	8.5'	15"	WP	To be removed
288+61	L	8'	12"	BOAK	To be removed
289+13	L	11'		WP	Dead WP to be removed
292+26	R	15'		WP	To be protected
292+41	R	17.5'		RM	Diseased to be removed
292+41	R	14'		WP	To be protected
292+34	L	14'	10"	WP	To be protected
292+41	L	21'	16"	WP	To be protected
292+66	R	11'	20"	WOAK	Twin trunk to be protected
292+71	L	30'	15"	WP	To be protected
293+11	R	12.5'		WOAK	To be protected
293+13	L	18.5'	16"	RM	Diseased to be removed
293+31	L	21'		TUPELO	To be protected
293+41	R	12'	12"	RM	Stump sprout to be removed
293+44	L	13'		WP	To be removed
293+61	L	12'		RM	Twin trunk to be removed
293+76	L	16'		WOAK	Twin trunk to be protected
294+30	L	10'	22"	WOAK	To be protected
296+11	R	21'		WP	To be protected
296+18	R	22.5'		WP	To be protected
296+77	R	17.5'		WP	To be protected
297+02	L	12'		WP	To be protected
297+17	L	13'		WP	To be protected
297+27	R	13'		WP	To be protected
297+45	R	10'		ASPEN	To be protected
297+52	R	10'		WP	To be protected
297+64	R	13'		WP	To be removed
298+22	R	8'	30"	BOAK	To be protected
298+36	L	23'	12"	BOAK	To be trimmed for overhead clearance
298+27	R	60'	10"	WOAK	To be protected
298+52	R	60'	12"	WOAK	To be protected



TREE PROTECTION - TRUNK

NOT TO SCALE



MODIFIED ROCKFILL SLOPE TREATMENT

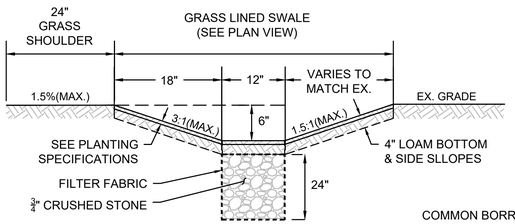
GRAPHIC SCALE
0 1 2 4
(IN FEET)
1 INCH = 2 FEET



GRASSED DEPRESSION DETAIL

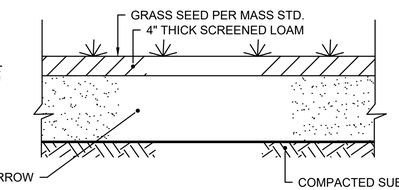
NOT TO SCALE

NOTE:
GRASSED DEPRESSION BOTTOM AREA AND SIDE SLOPES TO BE SEEDED WITH NEW ENGLAND CONSERVATION/WILDLIFE MIX AS SUPPLIED BY NEW ENGLAND WETLAND PLANTS, INC. (OR APPROVED EQUAL)



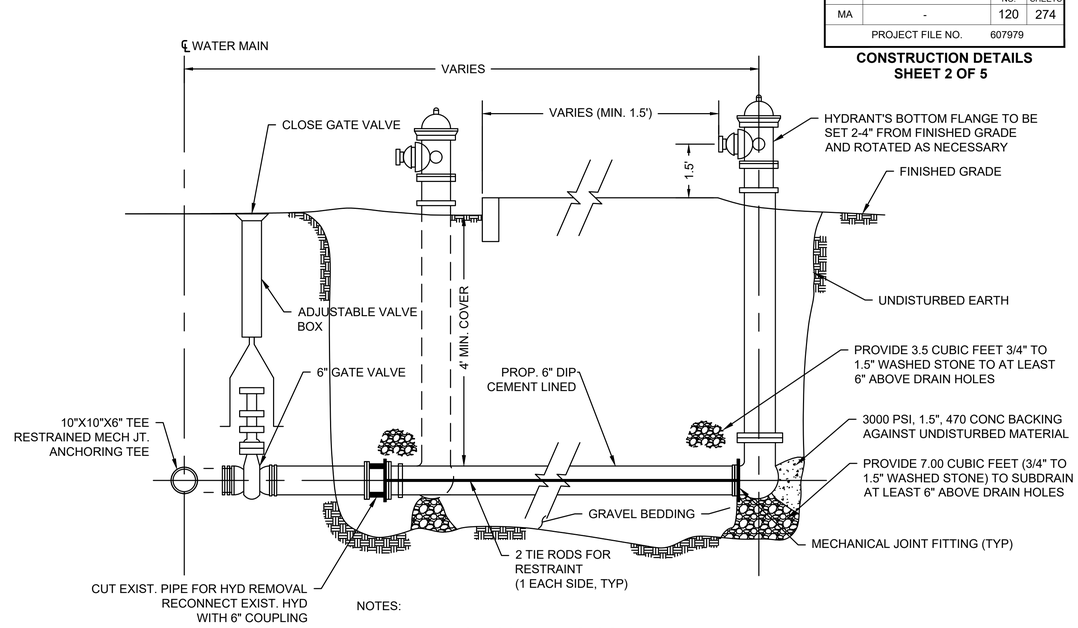
EDGE DRAIN / SWALE DETAIL

NOT TO SCALE



LOAM & SEED DETAIL

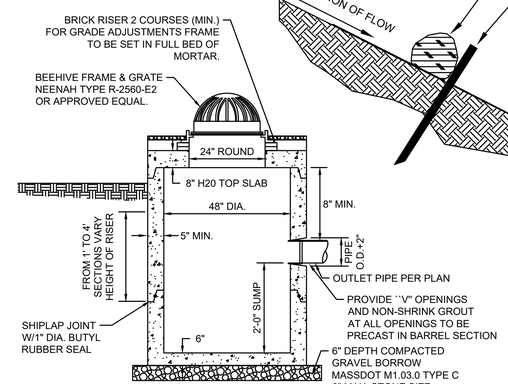
NOT TO SCALE



NOTES:
1. ALL WATER GATES & HYDRANTS TO OPEN LEFT
2. ALL MECHANICAL RESTRAINT DEVICES, STONE, GRAVEL, ETC. NECESSARY TO INSTALL OR REMOVE AND RESET HYDRANTS ARE INCIDENTAL TO ITEM 376.2

HYDRANT REMOVE AND RESET DETAIL

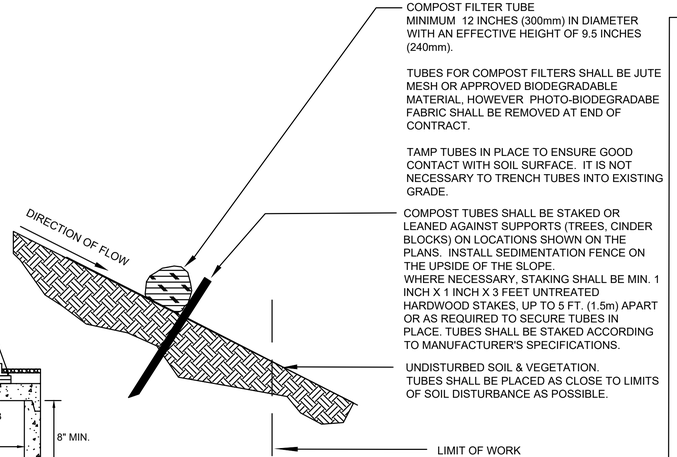
NOT TO SCALE



PROPOSED EQUALIZING STRUCTURE

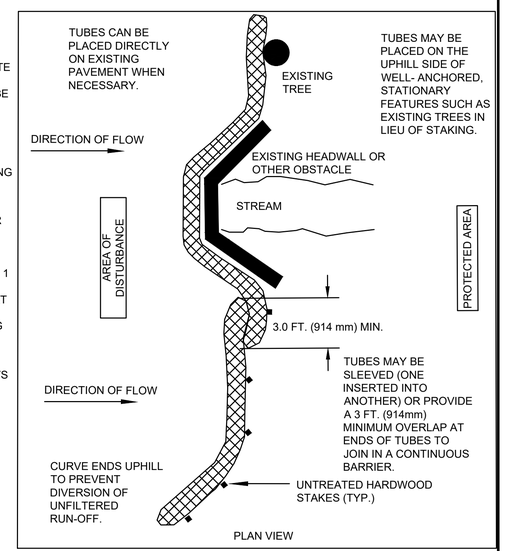
NOTES:
NOT TO SCALE

1. CATCH DESIGN TO CONFORM TO ASTM C478 LATEST REVISION.
2. CONCRETE SHALL BE WET CAST 4000 P.S.I. @ 28 DAYS.
3. USE FLAT TOP H20 LOAD SLAB WHEN HEIGHT OF CONE SECTION IS LESS.
4. FILL OUTSIDE FACE OF ALL MANHOLE JOINTS WITH NON-SHRINK MORTAR.
5. BASE SECTION TO BE MONOLITHIC.



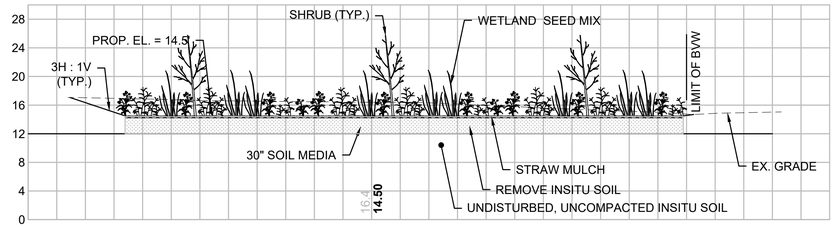
COMPOST FILTER TUBE DETAIL

NOT TO SCALE

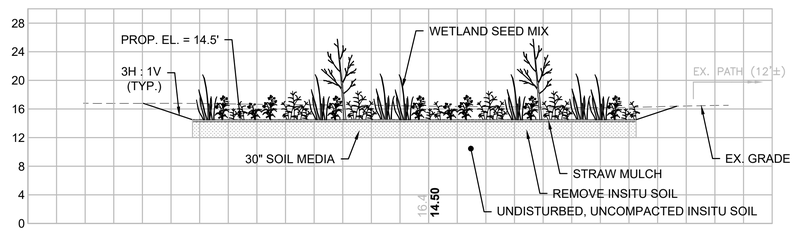


NOTES:
1. PROVIDE A MINIMUM TUBE DIAMETER OF 12 INCHES (300mm) FOR SLOPES UP TO 50 FEET (15.24m) IN LENGTH WITH A SLOPE RATIO OF 3H:1V OR STEEPER. LONGER SLOPES OF 3H:1V MAY REQUIRE LARGER TUBE DIAMETER OR ADDITIONAL COURSING OF FILTER TUBES TO CREATE A FILTER BERM. REFER TO MANUFACTURER'S RECOMMENDATIONS FOR SITUATIONS WITH LONGER OR STEEPER SLOPES.
2. INSTALL TUBES/SILT FENCE ALONG CONTOURS AND PERPENDICULAR TO SHEET OR CONCENTRATED FLOW.
3. TUBE LOCATION MAY BE SHIFTED TO ADJUST TO LANDSCAPE FEATURES, BUT SHALL PROTECT UNDISTURBED AREA AND VEGETATION TO MAXIMUM EXTENT POSSIBLE.
4. FASTEN SEDIMENTATION FENCE FABRIC AND SUPPORT WIRE SECURELY TO THE UPSLOPE SIDE OF THE FENCE POST WITH WIRE TIES OR STAPLES. EXTEND WIRE 6 INCHES INTO THE TRENCH.
5. DO NOT INSTALL IN PERENNIAL, EPHEMERAL OR INTERMITTENT STREAMS.
6. ADDITIONAL TUBES SHALL BE USED AT THE DIRECTION OF THE ENGINEER.
7. ADDITIONAL STAKING SHALL BE USED AT THE DIRECTION OF THE ENGINEER.

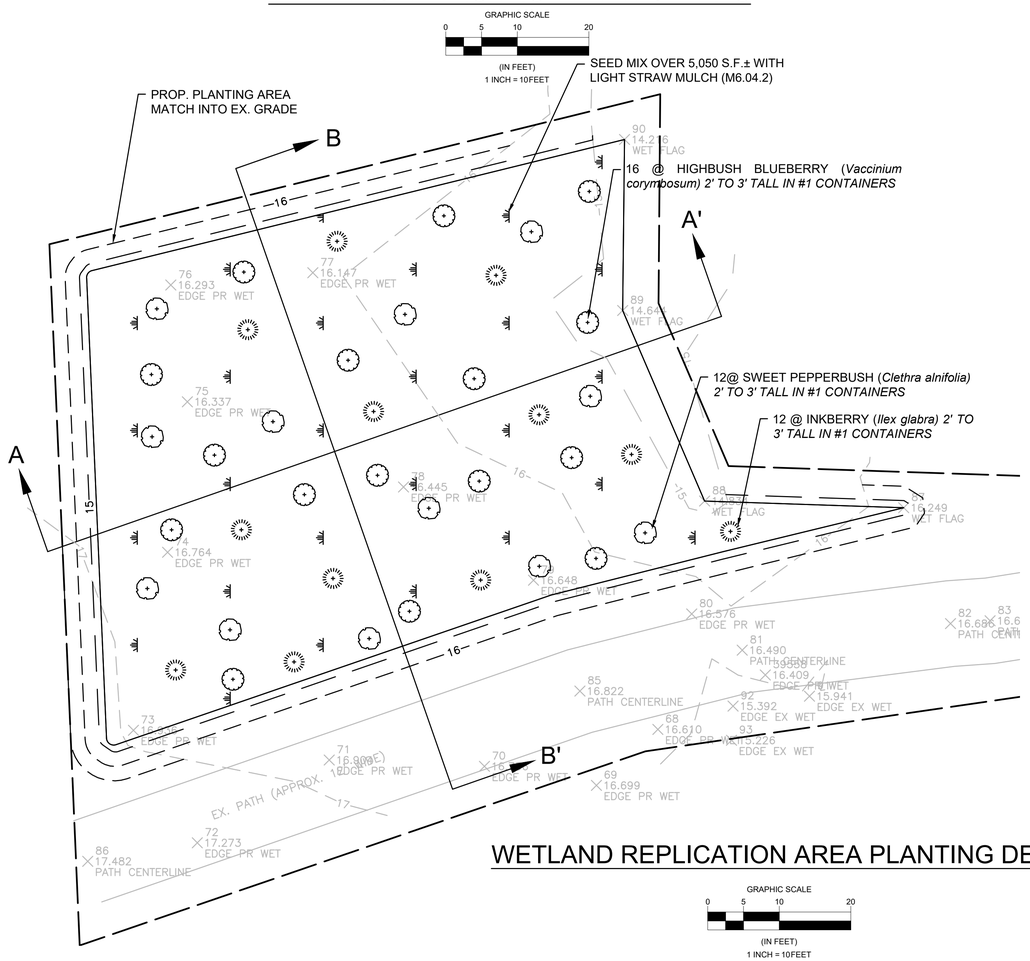
WETLAND REPLICATION SECTION A-A'



WETLAND REPLICATION SECTION B-B'



WETLAND REPLICATION AREA DETAILS



WETLAND REPLICATION AREA PLANTING DETAIL

GRAPHIC SCALE
0 5 10 20
(IN FEET)
1 INCH = 10FEET

CONSTRUCTION SEQUENCING

1. INSTALL SILT FENCE AND/OR OR OTHER APPROPRIATE TEMPORARY EROSION CONTROL DEVICES TO PREVENT SEDIMENT FROM LEAVING OR ENTERING THE WETLAND REPLICATION AREA DURING CONSTRUCTION.
2. ALL DOWN-GRADIENT PERIMETER SEDIMENT CONTROL MUST BE IN PLACE BEFORE ANY UP GRADIENT LAND DISTURBING ACTIVITY BEGINS.
3. PERFORM CONTINUOUS INSPECTIONS OF EROSION CONTROL PRACTICES.
4. ROUGH GRADE THE SITE. LEAVE A MINIMUM OF 3 FEET OF COVER OVER THE WETLAND REPLICATION AREA TO PROTECT THE UNDERLYING SOILS FROM CLOGGING.
5. SEED AND MULCH ALL AREAS AFTER DISTURBANCE.
6. CONSTRUCT WETLAND REPLICATION UPON STABILIZATION OF CONTRIBUTING DRAINAGE AREA.
7. REMOVE TEMPORARY EROSION CONTROL DEVICES AFTER THE CONTRIBUTING DRAINAGE AREA IS ADEQUATELY VEGETATED.

GENERAL NOTES

1. IN THE EVENT THAT SEDIMENT IS INTRODUCED INTO THE WETLAND REPLICATION AREA DURING OR IMMEDIATELY FOLLOWING EXCAVATION, THIS MATERIAL SHALL BE REMOVED FROM THE WETLAND REPLICATION AREA PRIOR TO CONTINUING CONSTRUCTION.
2. GRADING OF WETLAND REPLICATION AREA SHALL BE ACCOMPLISHED USING LOW-COMPACTION EARTH-MOVING EQUIPMENT TO PREVENT COMPACTION OF UNDERLYING SOILS.
3. ALL SUB MATERIALS BELOW THE SPECIFIED WETLAND DEPTH (ELEVATION) SHALL BE UNDISTURBED, UNLESS OTHERWISE NOTED.

PLANTING LIST FOR WETLAND REPLICATION AREA (±5,050 SF)

EROSION CONTROL/RESTORATION SEED MIX (2 POUND MINIMUM SEED SUITED FOR MOIST DISTURBED GROUND INCLUDING WATER-TOLERANT GRASSES)

12 @ SWEET PEPPERBUSH (*Clethra alnifolia) 2' TO 3' TALL IN #1 CONTAINERS*

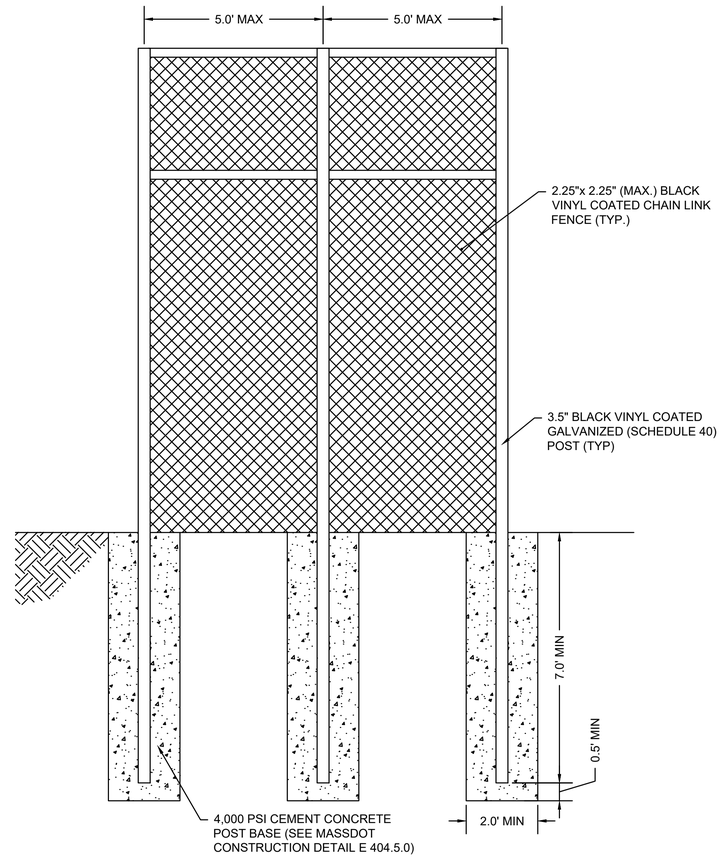
12 @ INKBERRY (*Ilex glabra) 2' TO 3' TALL IN #1 CONTAINERS*

16 @ HIGHBUSH BLUEBERRY (*Vaccinium corymbosum) 2' TO 3' TALL IN #1 CONTAINERS*

TOWN OF MARION
SHARED-USE PATH - PHASE 1

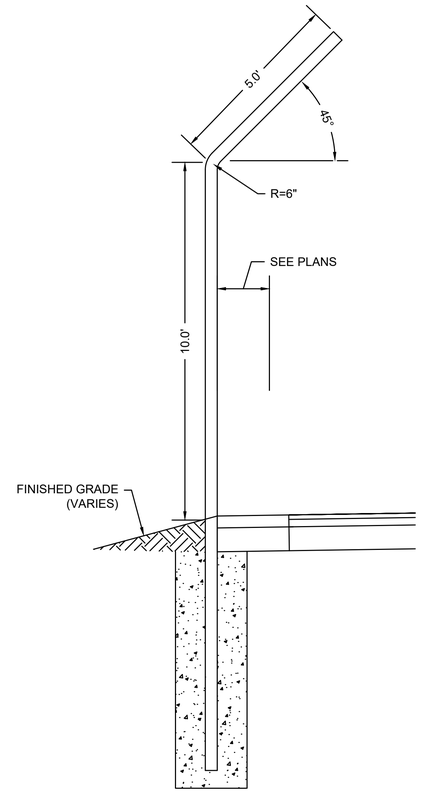
STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	121	274
PROJECT FILE NO.	607979		

CONSTRUCTION DETAILS
SHEET 3 OF 5



BASEBALL BARRIER FENCE DETAIL

GRAPHIC SCALE
0 1 2 4
(IN FEET)
1 INCH = 2 FEET

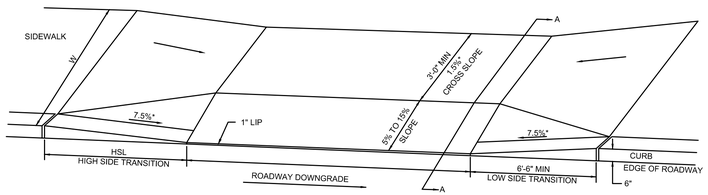


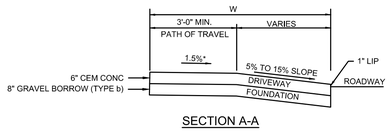
NOTE:
1. BASEBALL BARRIER FENCE & POSTS TO BE INSTALLED IN ACCORDANCE WITH MASSDOT CHAIN LINK FENCE CONSTRUCTION DETAILS.
2. FENCE POSTS TO BE A SINGLE PIECE OF GALVANIZED STEEL, NO BENDING ON SITE IS PERMITTED.

TOWN OF MARION
SHARED-USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	122	274
PROJECT FILE NO.	607979		

FRONT ST (RTE 105) AT SPRING ST
CONSTRUCTION DETAILS
SHEET 4 OF 5





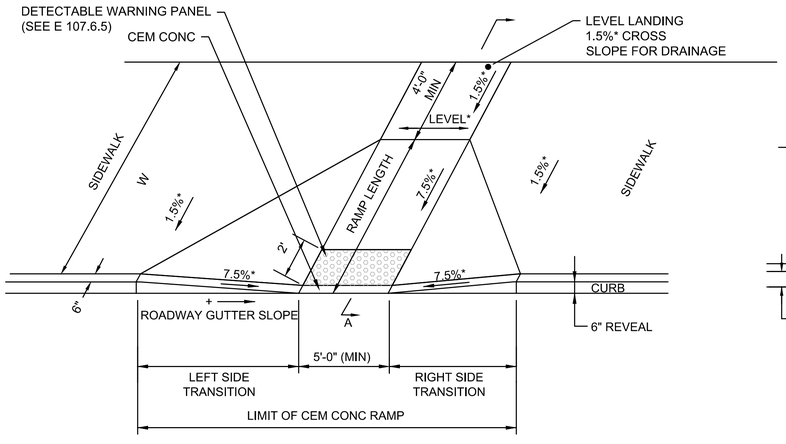
SECTION A-A

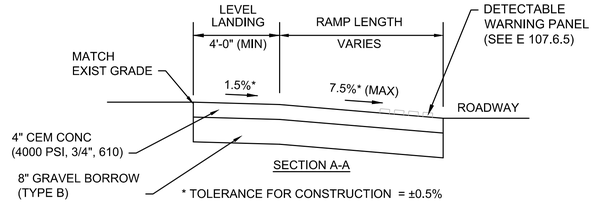
* TOLERANCE FOR CONSTRUCTION = ±0.5%

DRIVEWAY SCHEDULE									
DWY #	LOCATION			ROADWAY GUTTER SLOPE	SIDEWALK WIDTH (W)	LEFT SIDE TRANSITION		RIGHT SIDE TRANSITION	
	STREET	STATION	OFFSET			REVEAL	LENGTH	REVEAL	LENGTH
1	FRONT ST	101+50	14' RT	-0.20%	5'-0"	6"	6'-6"	6"	6'-6"

DRIVEWAY

MASSDOT STANDARD E107.7.0
NOT TO SCALE

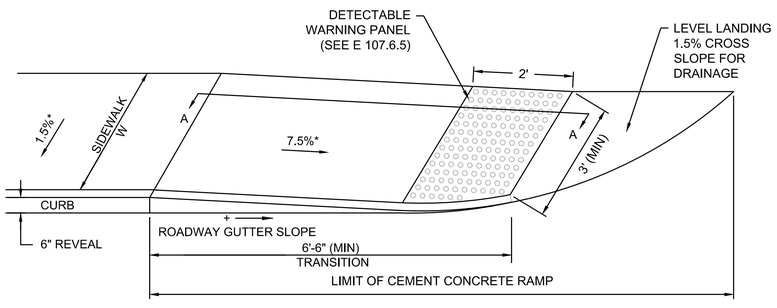


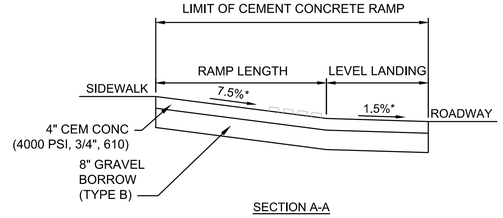


* TOLERANCE FOR CONSTRUCTION = ±0.5%

CURB RAMP - TYPE A

MASSDOT STANDARD E107.3.0
NOT TO SCALE





* TOLERANCE FOR CONSTRUCTION = ±0.5%

CURB RAMP - TYPE B

MASSDOT STANDARD E107.6.0
NOT TO SCALE

NOTES:

1. DRAINAGE ELEVATIONS ARE PROVIDED FOR DESIGN PURPOSES ONLY. THE CONTRACTOR SHALL VERIFY BY TEST PIT, THE LOCATIONS OF EXISTING UTILITIES WHICH MAY CONFLICT WITH THE PROPOSED DRAINAGE DESIGN. ANY FIELD ADJUSTMENTS REQUIRED WILL BE MADE AS APPROVED OR DIRECTED BY THE ENGINEER. ONLY AFTER THE CONTRACTOR VERIFIES ELEVATIONS FOR THE CONSTRUCTABILITY OF THE DRAINAGE SYSTEM SHALL ANY STRUCTURES BE ORDERED. ANY FIELD ADJUSTMENTS TO LINE AND GRADE SHALL BE INCLUDED IN THE COST OF THE PIPE.
2. THE CONTRACTOR SHALL VERIFY, PRIOR TO CONSTRUCTION, THE EXISTING CONDITIONS WITHIN THE PROJECT AREA AND IMMEDIATELY NOTIFY THE ENGINEER OF DISCREPANCIES WHICH ARE FOUND.
3. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY "DIG-SAFE" AT LEAST SEVENTY-TWO (72) HOURS PRIOR TO ANY EXCAVATION WITHIN THE PROJECT AREA.
4. ALL SITE FEATURES WHICH ARE TO BE DISPOSED OF, INCLUDING EXISTING PAVEMENT, SHALL BE DISPOSED OF IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS.
5. ALL AREAS DISTURBED BY CONSTRUCTION SHALL BE RESTORED TO THEIR ORIGINAL CONDITION, UNLESS OTHERWISE SPECIFIED IN THE CONTRACT DOCUMENTS. EXISTING AND NEWLY CONSTRUCTED DRAINAGE SYSTEMS IN THE PROXIMITY OF THE CONSTRUCTION SHALL BE LEFT CLEAN AND IN GOOD OPERABLE CONDITION.
6. NO EXCAVATIONS SHALL BE LEFT UNPROTECTED AT THE END OF ANY WORK PERIOD. A STEEL PLATE OR DECKING SHALL BE TEMPORARILY PLACED OVER ALL EXCAVATIONS WHEN NOT ACTIVELY IN USE.
7. ALL EXISTING FEATURES WHICH ARE "TO REMAIN" AND WHICH ARE DISTURBED BY THE CONTRACTOR SHALL BE RESTORED TO THEIR ORIGINAL CONDITION AT THE CONTRACTOR'S EXPENSE.
8. THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR ITS REPRESENTATIVE. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK, AND SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.
9. WHERE AN EXISTING UTILITY IS FOUND TO CONFLICT WITH THE PROPOSED WORK, THE LOCATION, ELEVATION AND SIZE OF THE UTILITY SHALL BE ACCURATELY DETERMINED WITHOUT DELAY BY THE CONTRACTOR, AND THE INFORMATION FURNISHED TO THE ENGINEER FOR RESOLUTION OF THE CONFLICT.
10. THE CONTRACTOR SHALL ALTER THE MASONRY OF THE TOP SECTION OF ALL EXISTING DRAINAGE AND SANITARY SEWER STRUCTURES AS NECESSARY FOR CHANGES IN GRADE, AND ADJUST ALL WATER AND DRAINAGE FRAMES, GRATES AND BOXES TO THE PROPOSED FINISH SURFACE GRADE. REQUIRED NEW MASONRY SHALL BE CLAY BRICK CONFORMING TO M4.05.2.
11. THE CONTRACTOR SHALL MAKE ALL ARRANGEMENTS FOR THE ALTERATION AND ADJUSTMENT OF GAS, ELECTRIC, TELEPHONE AND ANY OTHER PRIVATE UTILITIES BY THE UTILITY COMPANIES.
12. AREAS OUTSIDE THE LIMITS OF PROPOSED WORK DISTURBED BY THE CONTRACTOR'S OPERATIONS SHALL BE RESTORED BY THE CONTRACTOR TO THEIR ORIGINAL CONDITION AT NO EXPENSE TO THE OWNER.
13. THE TERM "PROPOSED" (PROP) MEANS WORK TO BE CONSTRUCTED USING NEW MATERIALS OR, WHERE APPLICABLE, RE-USING EXISTING MATERIALS IDENTIFIED AS "REMOVE AND RESET" (R&R).
14. JOINTS BETWEEN NEW HOT MIX ASPHALT ROADWAY PAVEMENT AND SAWCUT EXISTING PAVEMENT SHALL BE SEALED WITH BITUMEN AND BACKSANDED.
15. ALL EXISTING SIGNS WITHIN THE PROJECT LIMITS SHALL BE RETAINED UNLESS INDICATED OTHERWISE ON THE DRAWINGS.
16. THE CONTRACTOR SHALL MAINTAIN ALL EXISTING ROADWAY LIGHTING WITHIN THE PROJECT LIMITS UNTIL OTHERWISE DIRECTED IN WRITING BY THE ENGINEER.
17. ALL EXISTING STATE, COUNTY, CITY, AND TOWN LOCATION LINES AND PRIVATE PROPERTY LINES HAVE BEEN ESTABLISHED FROM AVAILABLE INFORMATION AND THEIR EXACT LOCATION ARE NOT GUARANTEED.
18. ALL TREE PROTECTION IS TO BE LOCATED WITHIN THE EXISTING STATE AND/OR TOWN LAYOUTS.

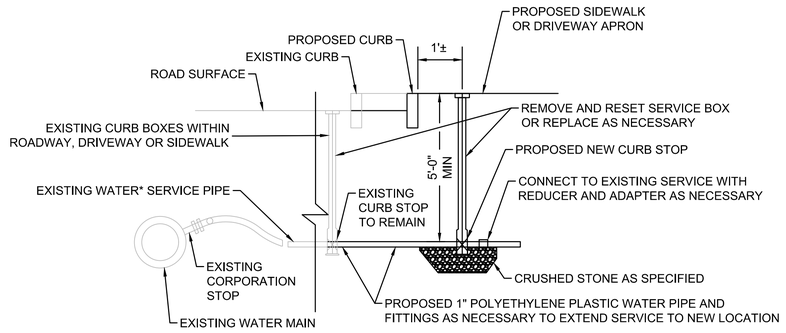
CURB RAMP SCHEDULE												
CR #	TYPE	LOCATION			ROADWAY GUTTER SLOPE	SIDEWALK WIDTH (W)	WIDTH OF RAMP ENTRANCE	DEPTH OF LEVEL LANDING	RAMP LENGTH	LEFT SIDE TRANSITION		RIGHT SIDE TRANSITION	
		STREET	STATION	OFFSET						REVEAL	LENGTH	REVEAL	LENGTH
1	A	FRONT ST	102+19	14' LT	-0.16%	12'-0"	12'-0"	5'-0"	5'-6"	-	-	-	-
2	A	FRONT ST	102+19	13' RT	-0.12%	12'-0"	12'-0"	7'-0"	6'-0"	-	-	6"	6'-6" LS
PED-8143	A	FRONT ST	102+35	20' RT	0.47%	5'-0"	5'-0"	18'-9"	7'-0"	6"	6'-6" LS	-	-
PED-20949	B	FRONT ST	102+77	16' RT	-1.13%	5'-0"	4'-0"	5'-0"	7'-3"	6"	7'-3" LS	-	-

CURB RAMP NOTES:

1. ALL CURB RAMP CONSTRUCTION SHALL CONFORM TO MASSDOT ENGINEERING DIRECTIVE E-12-005.
2. DETECTABLE WARNING PANELS ARE REQUIRED ON ALL PROPOSED CURB RAMPS AND SHALL CONFORM TO THE DIMENSIONS SHOWN IN MASSDOT CONSTRUCTION STANDARD E 107.6.5R. REFER TO THE SPECIAL PROVISIONS.
3. A POSITIVE ROADWAY GUTTER SLOPE INDICATES THE ROADWAY GRADE IS INCREASING RELATIVE TO THE BASELINE. A NEGATIVE ROADWAY GUTTER SLOPE INDICATES THE ROADWAY GRADE IS DECREASING RELATIVE TO THE BASELINE.
4. "LS" REPRESENTS LOW SIDE AND "HS" REPRESENTS HIGH SIDE.

Y:\16147.21 MARION PATHWAY (CONSTRUCTION DETAILS).DWG Plotted on 20-Oct-2023 12:38 PM

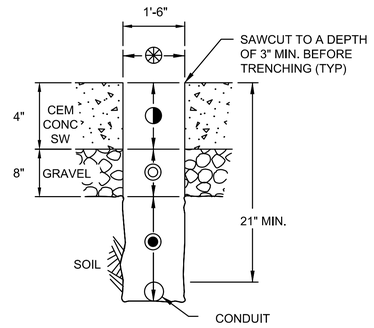
Plotted on 20-Oct-2023 4:36 PM
Y:\16147.21 MARION PATHWAY (CONSTRUCTION DETAILS).DWG



NOTES:
1. IF EXISTING WATER SERVICE LINE IS NOT PLASTIC, CONTRACTOR SHALL INFORM MARION WATER & SEWER DIVISION. NO CONNECTION SHALL BE MADE UNTIL THE MARSHFIELD WATER DEPARTMENT DETERMINES IF THE EXISTING LINE IS SUITABLE TO BE EXTENDED OR MUST BE REPLACED TO THE MAIN.

CURB STOP RELOCATION DETAIL

NOT TO SCALE



⊛ WIDTH OF TRENCH AS REQUIRED TO PROPERLY INSTALL CONDUIT AND BACKFILL. (ONE FULL PANEL WIDTH ON CONC. SIDEWALKS).

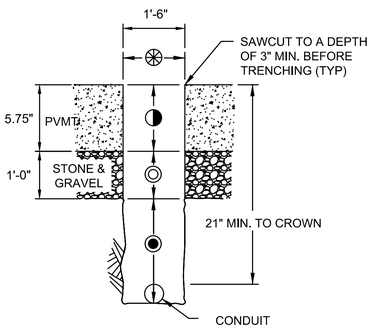
◑ RESTORE SIDEWALK.

◉ BACKFILL WITH EXISTING MATERIAL OBTAINED FROM EXCAVATION THAT IS DETERMINED TO BE SUITABLE AND APPROVED BY THE ENGINEER.

◎ REPLACE SUBBASE IN KIND.

CONDUIT TRENCH IN CEM CONC SIDEWALK DETAIL

NOT TO SCALE



⊛ WIDTH OF TRENCH AS REQUIRED TO PROPERLY INSTALL CONDUIT AND BACKFILL. (ONE FULL PANEL WIDTH ON CONC. SIDEWALKS).

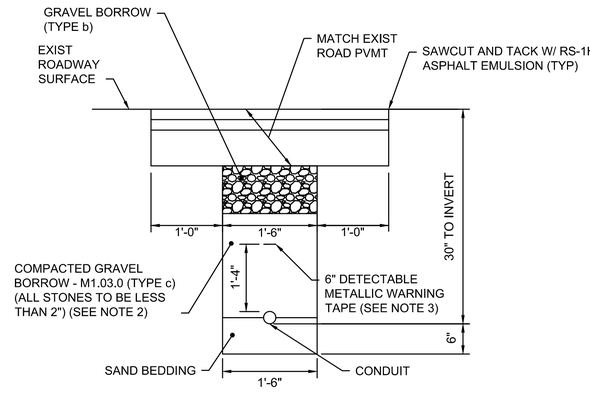
◑ RESTORE PLATFORM PAVEMENT OR ROADWAY.

◉ BACKFILL WITH EXISTING MATERIAL OBTAINED FROM EXCAVATION THAT IS DETERMINED TO BE SUITABLE AND APPROVED BY THE ENGINEER.

◎ REPLACE SUBBASE IN KIND.

CONDUIT TRENCH IN PAVEMENT DETAIL

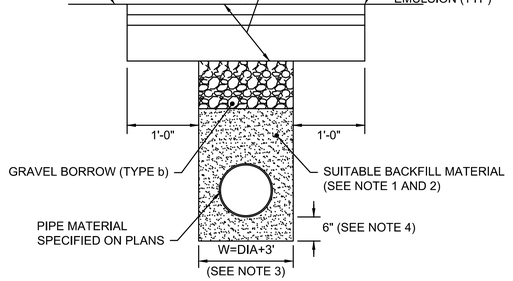
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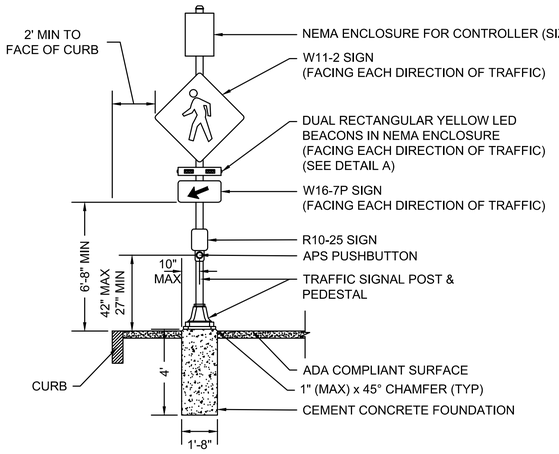
NOTES:
1. SCHEDULE 80 ELECTRICAL CONDUIT TYPE NM-PLASTIC (UL), WITH PULL ROPE, UNLESS OTHERWISE APPROVED BY MASSDOT.
2. CONTROL DENSITY FILL SHALL BE USED AS DETERMINED BY THE ENGINEER AND MEET THE REQUIREMENTS OF SUBSECTION M4.08.0
3. WARNING TAPE SHALL BE PER CURRENT APWA STANDARDS.

CONDUIT CROSSING ROADWAY

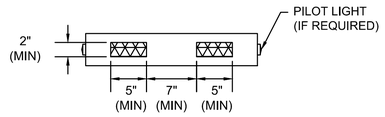
NOT TO SCALE



NOTES:
1. BACKFILL MATERIAL SHALL BE EXISTING MATERIAL OBTAINED FROM EXCAVATION THAT IS DETERMINED TO BE SUITABLE AND APPROVED BY THE ENGINEER. BACKFILL SHALL BE PLACED IN LAYERS NO MORE THAN 6 INCHES IN DEPTH AND THOROUGHLY COMPACTED. BACKFILLING TO A POINT 12 INCHES OVER THE PIPE SHALL CONTAIN NO STONES LARGER THAN 3 INCHES.
2. IN CASE WHERE FILLING MATERIAL CAN NOT BE THOROUGHLY COMPACTED DUE TO OTHER UTILITY CONDUIT OR PIPES IN THE TRENCH, OR OTHER REASONS AS DETERMINED BY THE ENGINEER, CONTROLLED DENSITY FILL MAY BE USED.
3. TRENCHES FOR PIPES SHALL BE EXCAVATED TO THE SUFFICIENT WIDTH TO PERMIT THOROUGH TAMPING OF BACKFILL MATERIAL UNDER THE HAUNCHES.
4. SOFT OR UNSUITABLE MATERIAL EXISTING BELOW THE REQUIRED BEDDING GRADE SHALL BE REMOVED AS DIRECTED AND REPLACED WITH SAND, GRAVEL, OR OTHER SUITABLE MATERIAL THOROUGHLY COMPACTED.



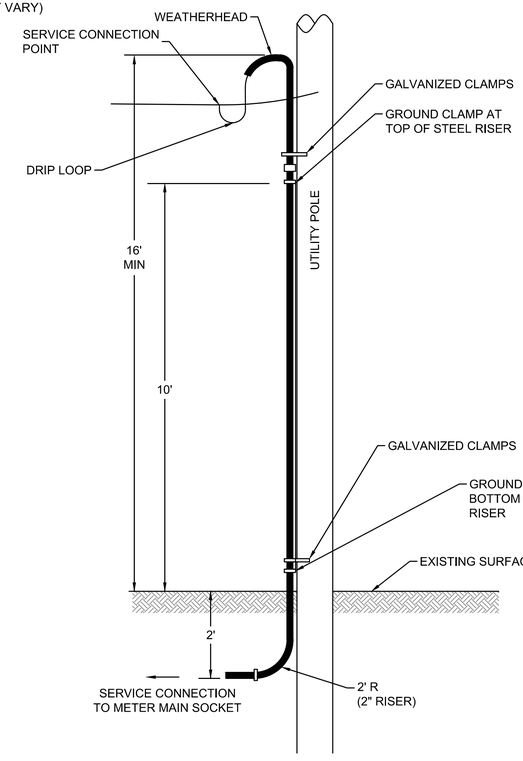
NOTES:
1. CROSSWALK AND ADA COMPLIANT RAMPS NOT SHOWN. SEE PLANS FOR LOCATIONS.
2. REFER TO SPECIAL PROVISIONS FOR SIGN DIMENSIONS.
3. ALL CONDUIT, PULL BOXES, SERVICE CONNECTIONS, AND EQUIPMENT GROUNDING REQUIRED FOR AC POWER IS NOT SHOWN IN THIS DETAIL AND SHALL BE PAID FOR SEPARATELY UNDER THEIR RESPECTIVE PAY ITEMS
4. ACCESS TO ALL PEDESTRIAN ACTUATED CONTROLS SHALL BE ADA/AAB COMPLIANT.
5. *0.5% CONSTRUCTION TOLERANCE FOR CROSS SLOPE.
6. FLASH PERIOD TO BE TIMED PER GUIDANCE FOR PEDESTRIAN CLEARANCE INTERVAL IN SECTION 4E.06 OF THE MUTCD, BASED ON 3 FT/SEC WALKING SPEED.
7. ASSEMBLIES UTILIZING AC POWER WILL REQUIRE THE ADDITIONAL INSTALLATION OF A METER SOCKET.



DETAIL A: DUAL YELLOW BEACON

RECTANGULAR RAPID FLASHING BEACON (RRFB)

NOT TO SCALE



SERVICE CONNECTION

NOT TO SCALE



⊛ WIDTH OF TRENCH AS REQUIRED TO PROPERLY INSTALL CONDUIT AND BACKFILL.

◉ BACKFILL WITH EXISTING MATERIAL OBTAINED FROM EXCAVATION THAT IS DETERMINED TO BE SUITABLE AND APPROVED BY THE ENGINEER.

CONDUIT TRENCH IN PAVEMENT DETAIL

NOT TO SCALE

NOTES:
1. INSTALLATION REQUIREMENTS MAY VARY BY UTILITY COMPANY. COORDINATE WITH UTILITY FOR INSTALLATION REQUIREMENTS.
2. TRANSITION FROM GRS TO PVC CONDUIT WITHIN 6" OF THE GROUND ON SERVICE POLE.
3. TRANSITION CONDUIT FROM 2'-0" (MIN) DEPTH AT THE POLE TO 3'-0" (MIN) DEPTH BASED ON THE CABLE BENDING RADIUS FOR ALL CONDUIT RUNS.

DRAINAGE TRENCH DETAIL

NOT TO SCALE

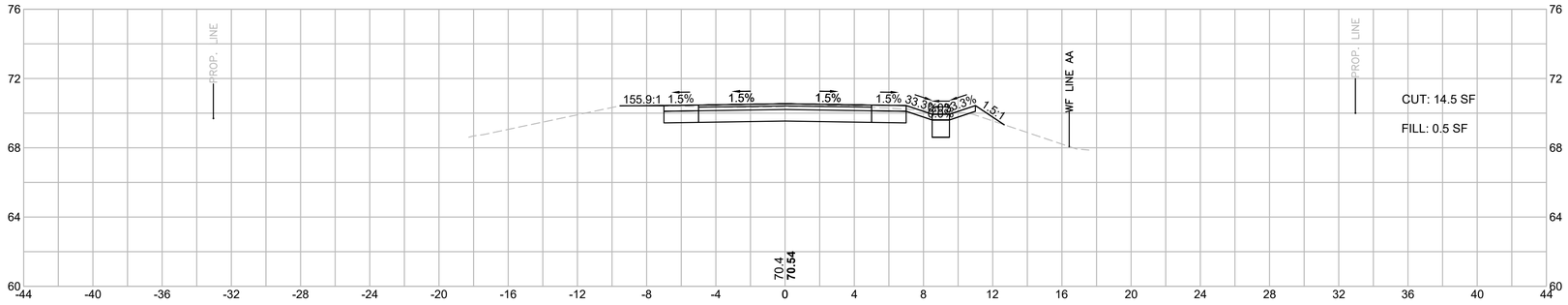
TOWN OF MARION
SHARED-USE PATH - PHASE 1

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MA	-	124	274
PROJECT FILE NO.	607979		

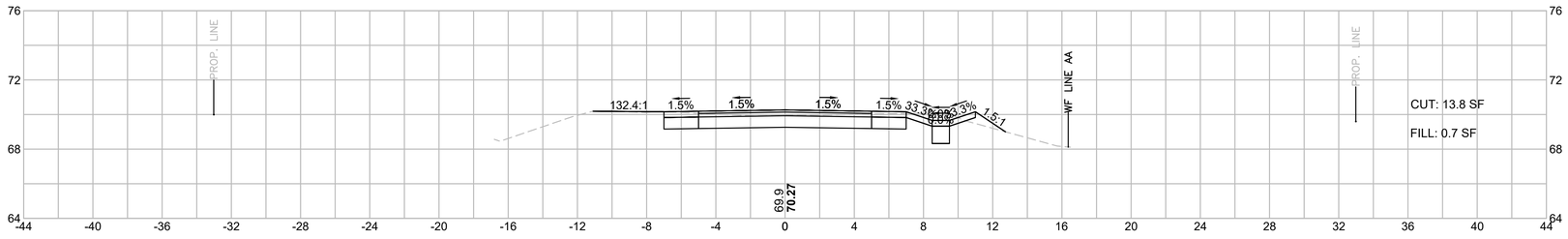
CROSS SECTIONS
SHEET 1 OF 151

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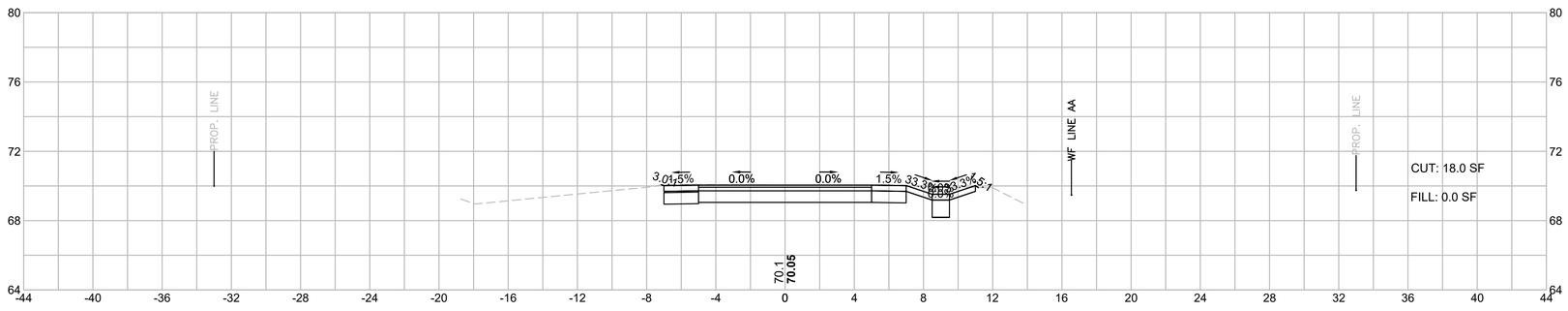
102+00

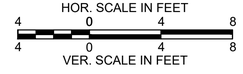


101+50



101+11





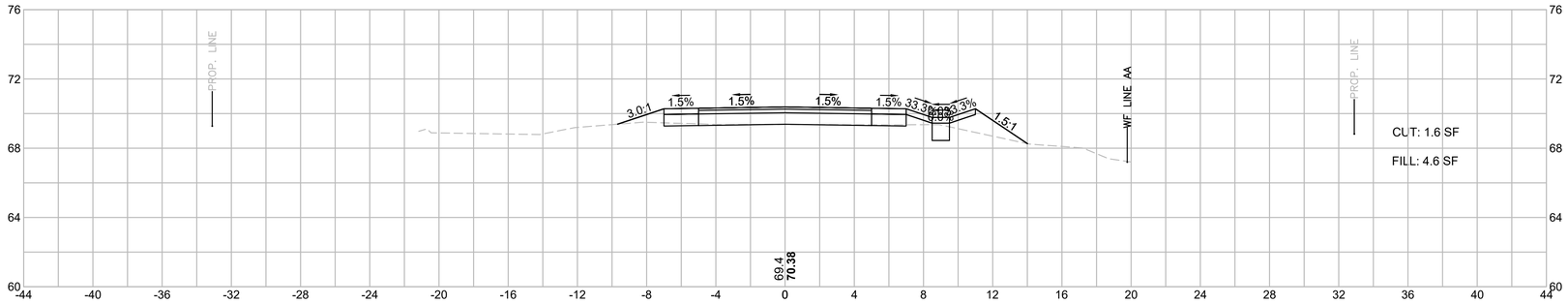
TOWN OF MARION
SHARED-USE PATH - PHASE 1

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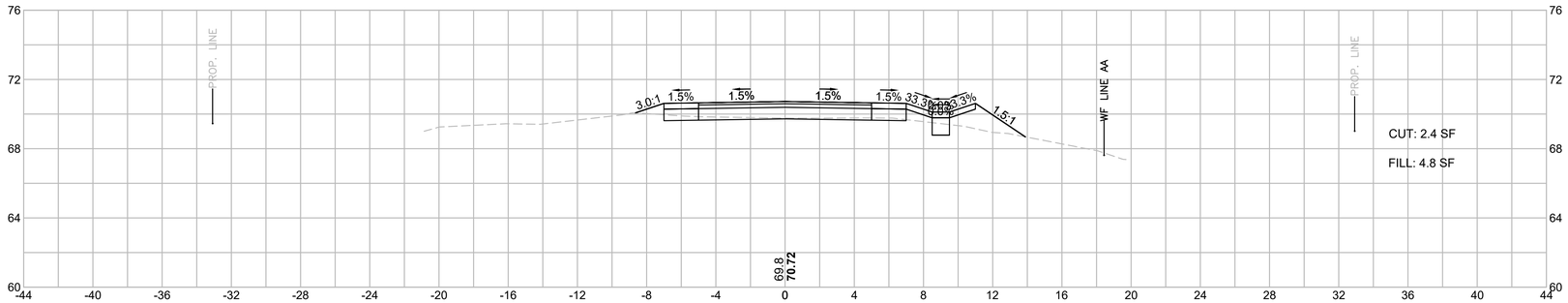
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SHEET 2 OF 151

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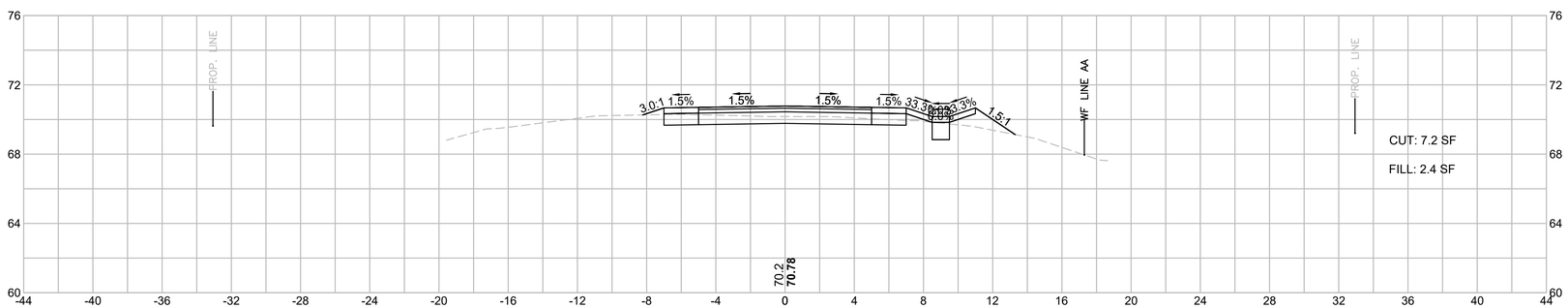
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103+00



102+50



HOR. SCALE IN FEET
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4 0 4 8
VER. SCALE IN FEET

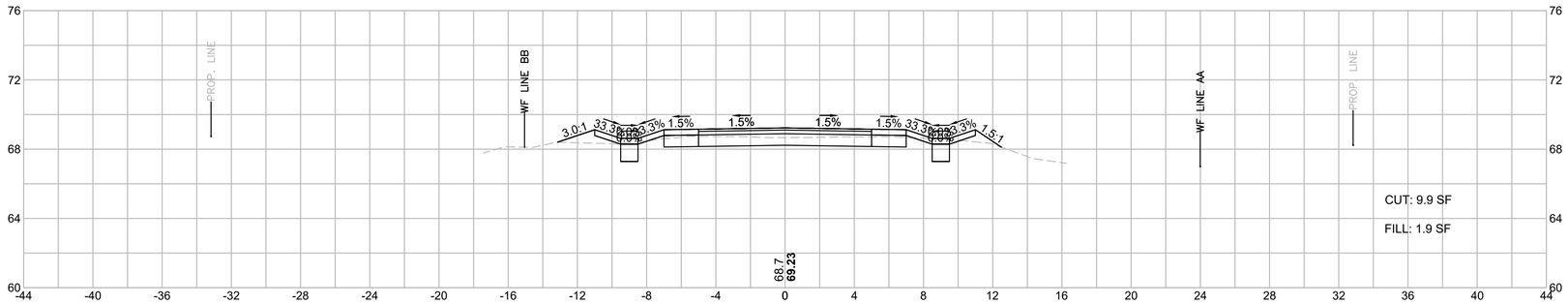
TOWN OF MARION
SHARED-USE PATH - PHASE 1

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PROJECT FILE NO.	607979		

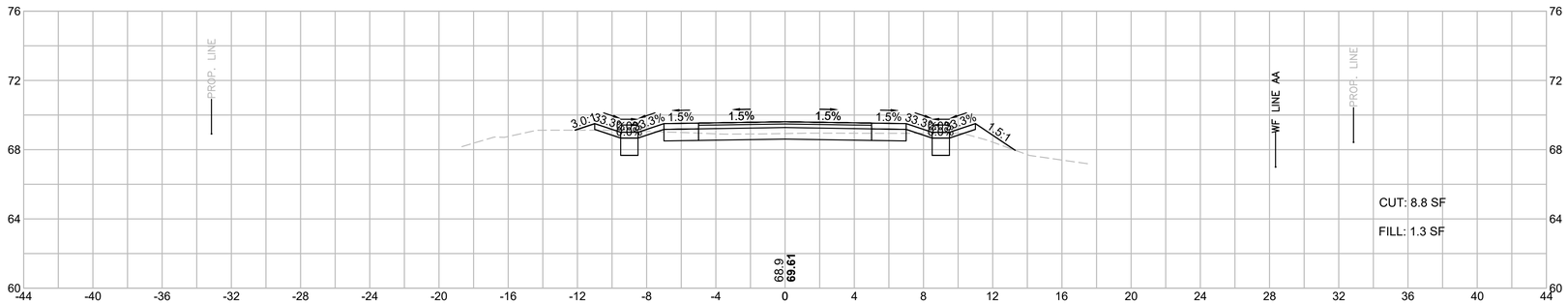
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SHEET 3 OF 151

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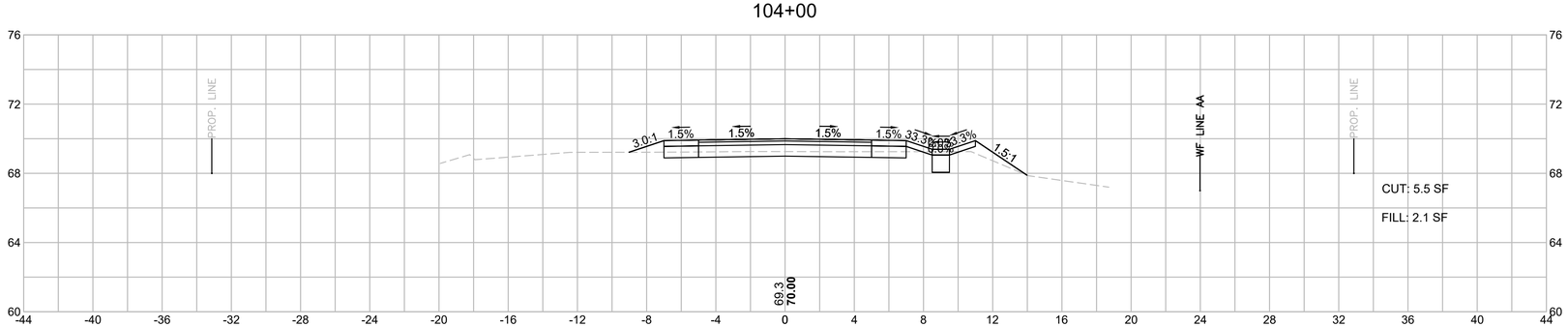
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104+50



104+00



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VER. SCALE IN FEET
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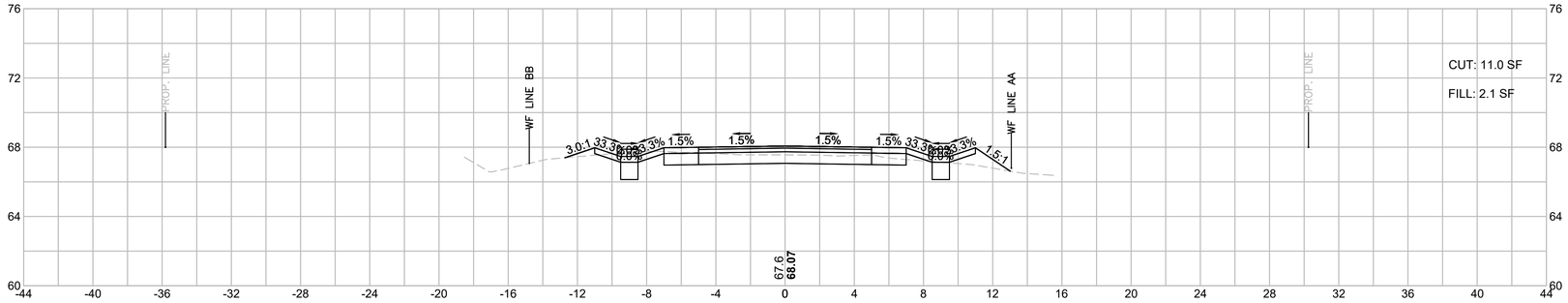
TOWN OF MARION
SHARED-USE PATH - PHASE 1

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PROJECT FILE NO.	607979		

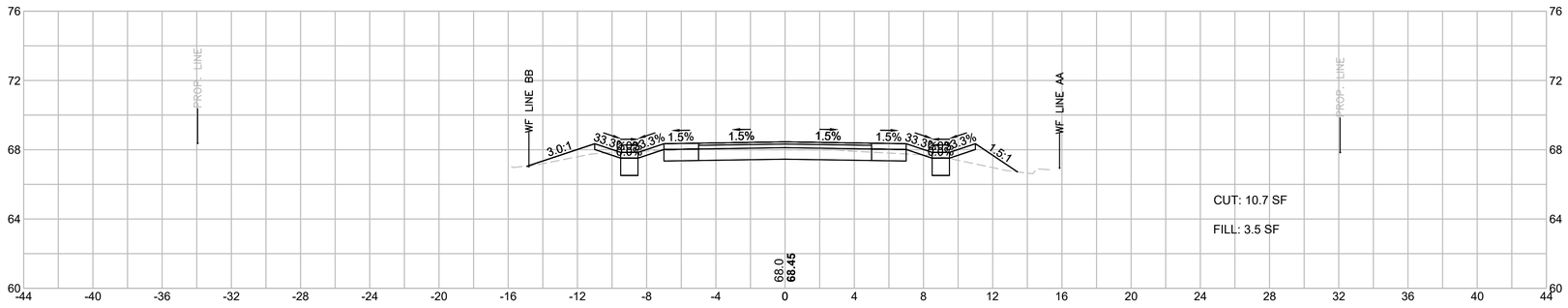
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SHEET 4 OF 151

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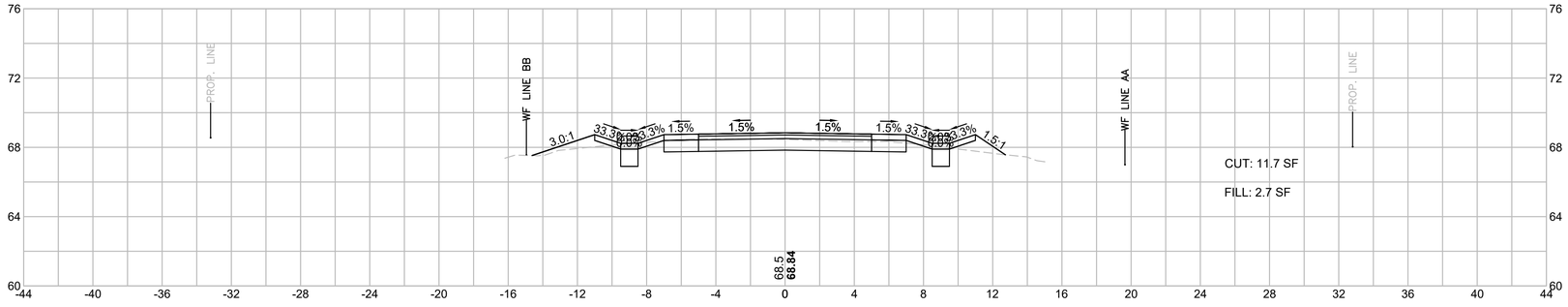
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106+00



105+50



HOR. SCALE IN FEET
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VER. SCALE IN FEET
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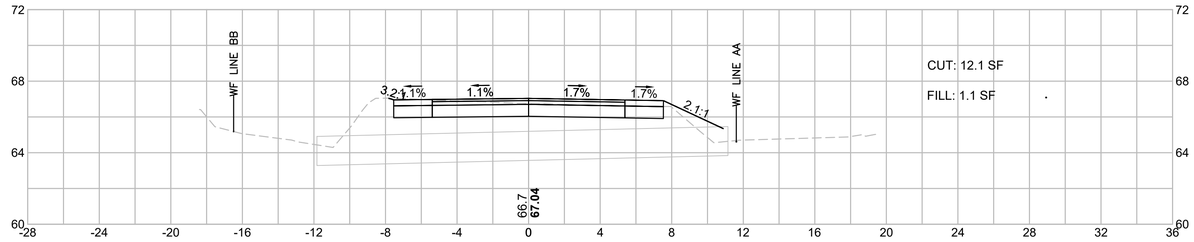
TOWN OF MARION
SHARED-USE PATH - PHASE 1

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PROJECT FILE NO.	607979		

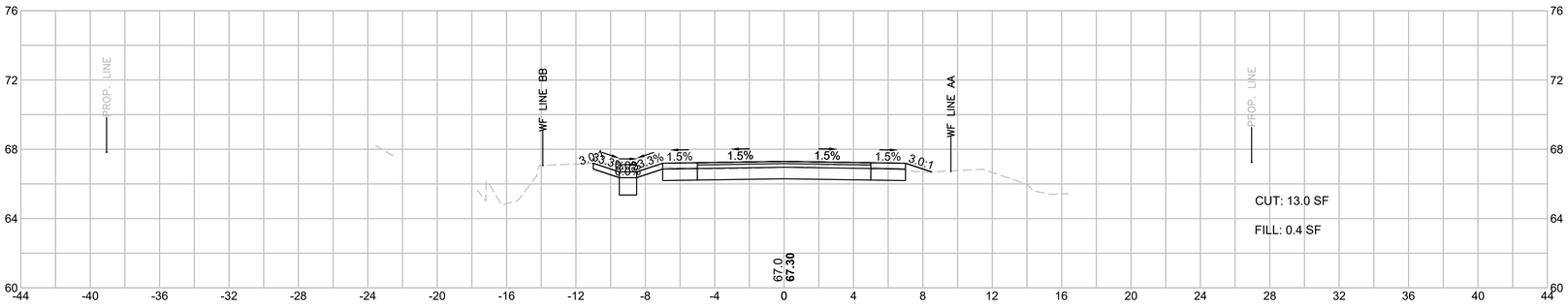
CROSS SECTIONS
SHEET 5 OF 151

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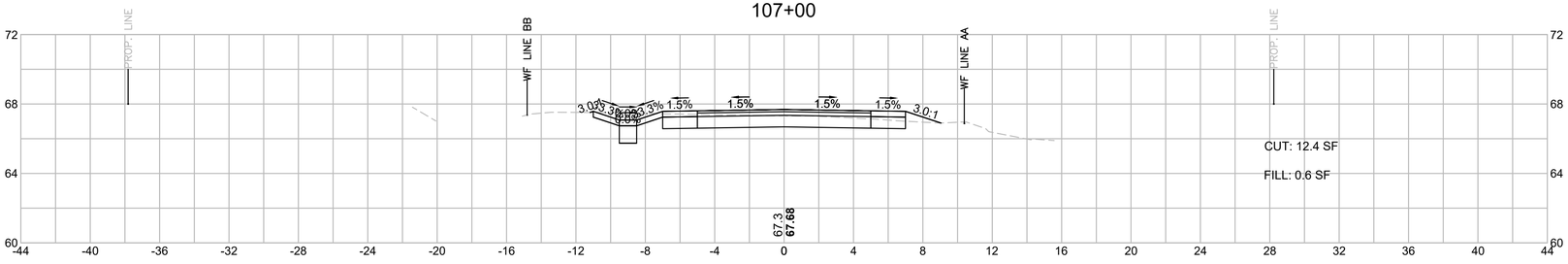
107+84.15



107+50



107+00



HOR. SCALE IN FEET
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VER. SCALE IN FEET

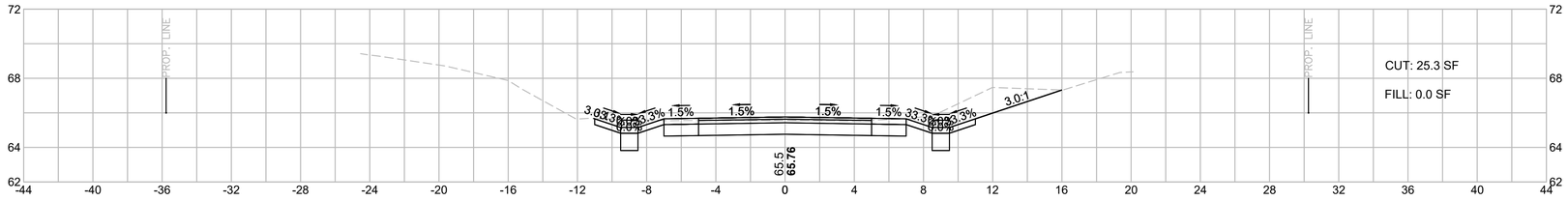
TOWN OF MARION
SHARED-USE PATH - PHASE 1

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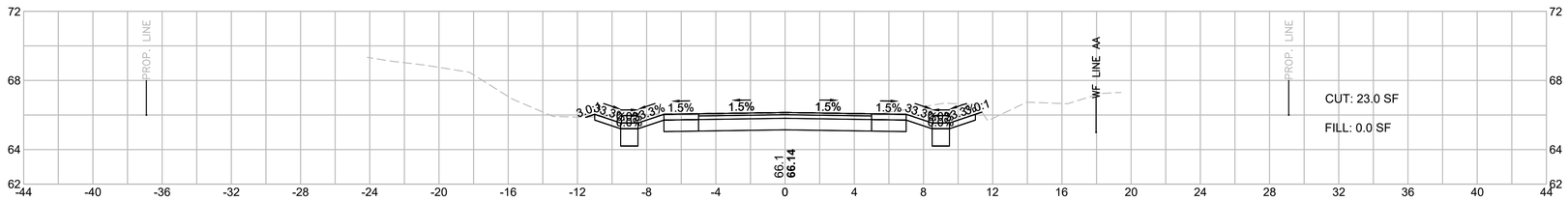
CROSS SECTIONS
SHEET 6 OF 151

607979_XSECT.DWG Plotted on 28-Sep-2017 3:43 PM

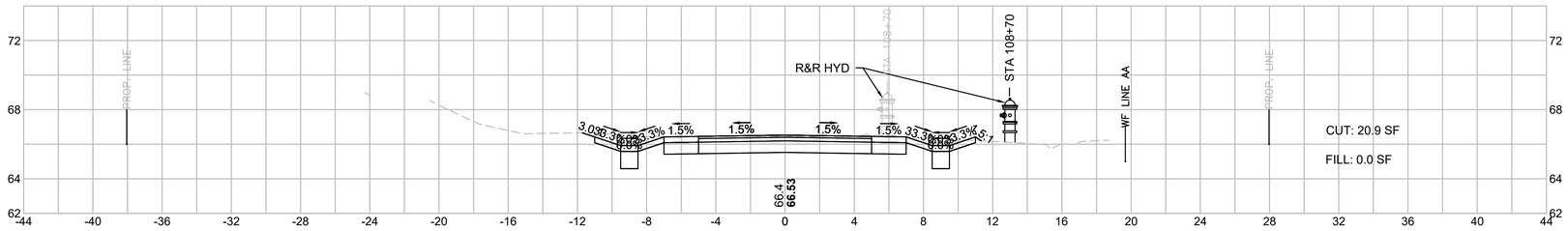
109+50



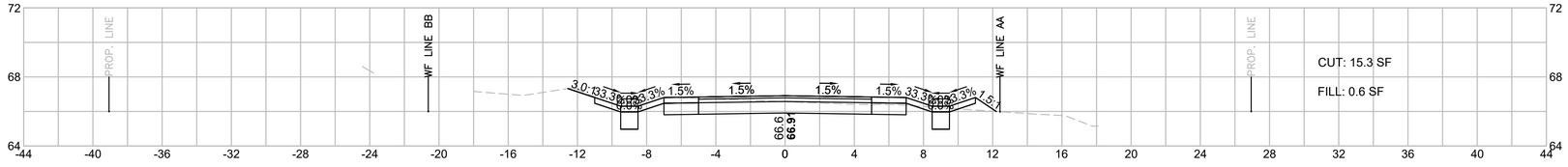
109+00



108+50



108+00



HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

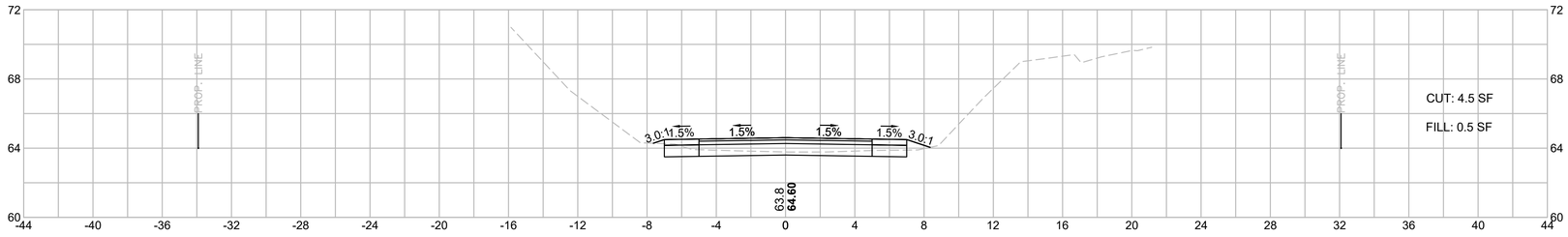
TOWN OF MARION
SHARED-USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	130	274
PROJECT FILE NO.	607979		

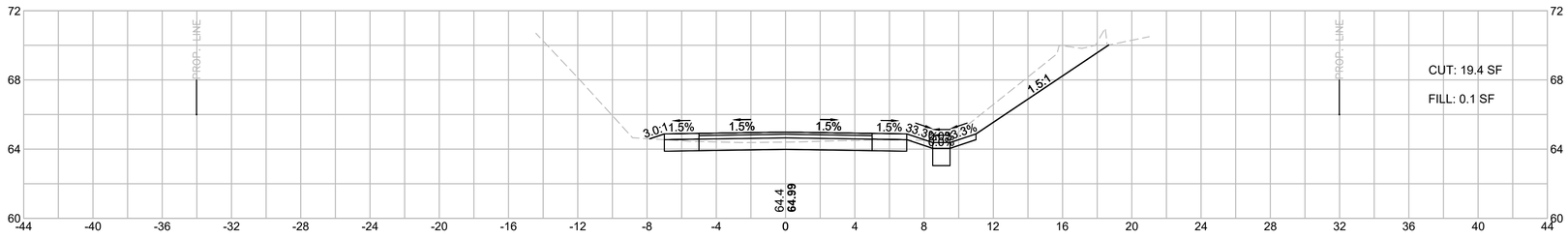
CROSS SECTIONS
SHEET 7 OF 151

607979_XSECT.DWG Plotted on 28-Sep-2017 3:43 PM

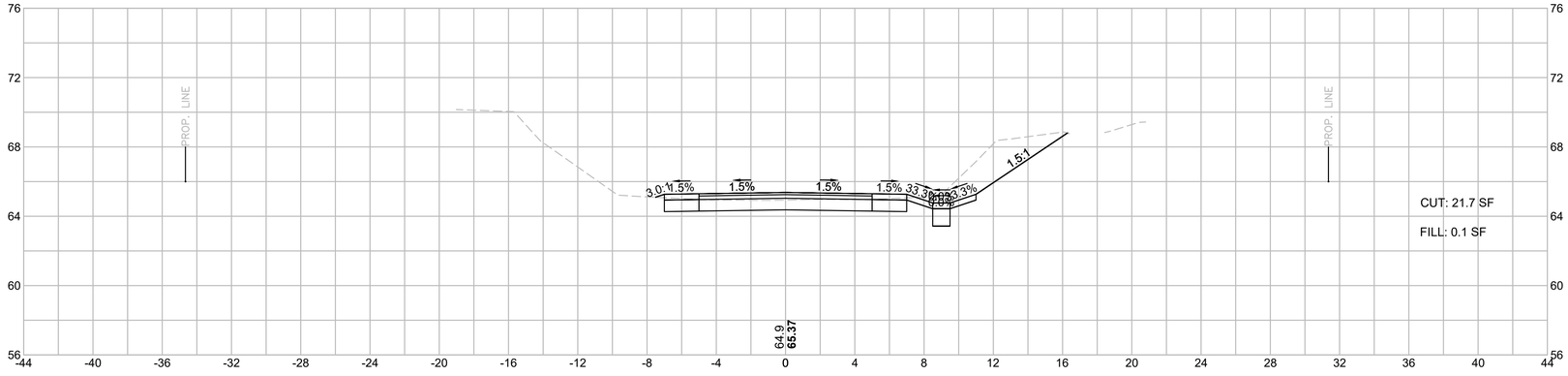
111+00



110+50



110+00



HOR. SCALE IN FEET
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4 0 4 8
VER. SCALE IN FEET

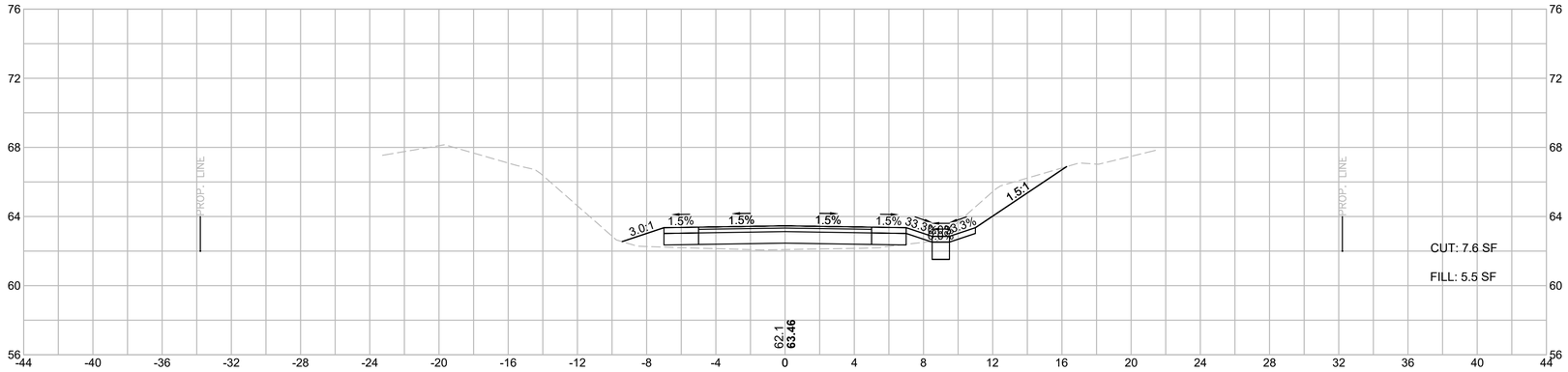
TOWN OF MARION
SHARED-USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	131	274
PROJECT FILE NO.	607979		

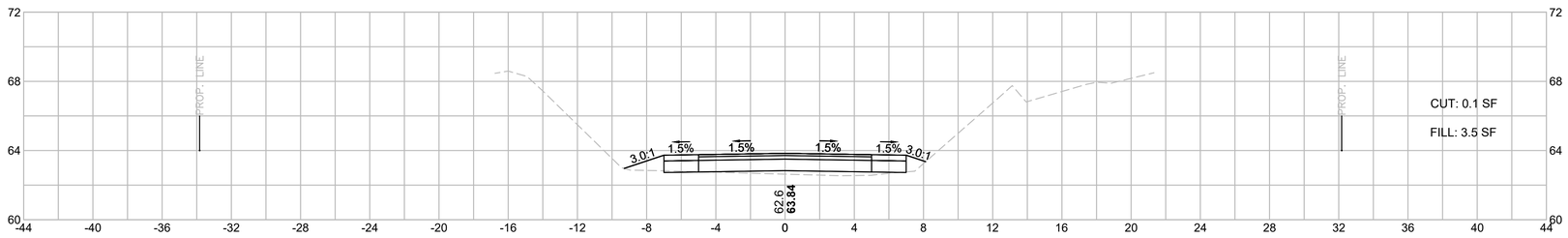
CROSS SECTIONS
SHEET 8 OF 151

607979_XSECT.DWG Plotted on 28-Sep-2017 3:43 PM

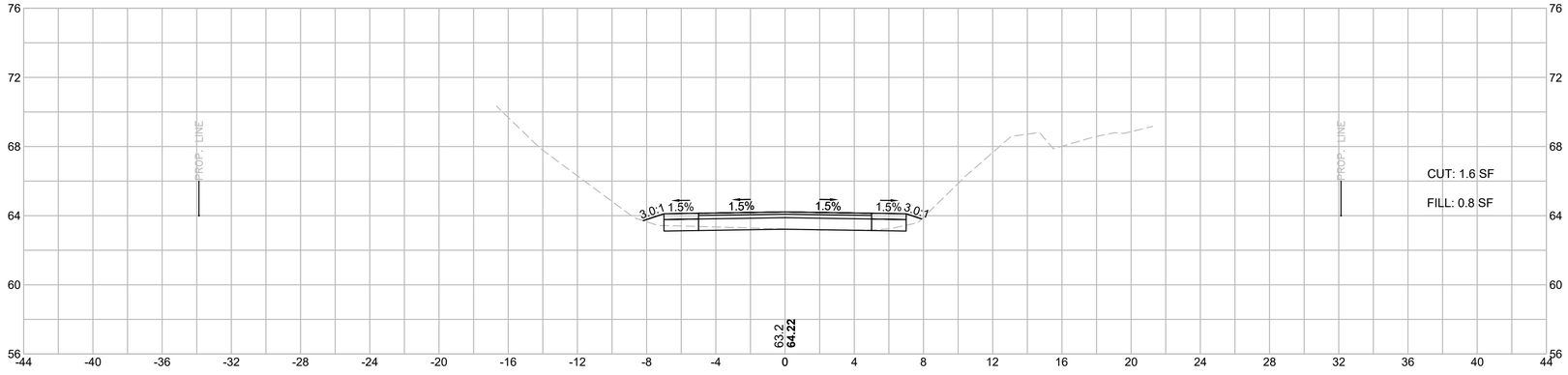
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112+00



111+50



HOR. SCALE IN FEET
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4 0 4 8
VER. SCALE IN FEET

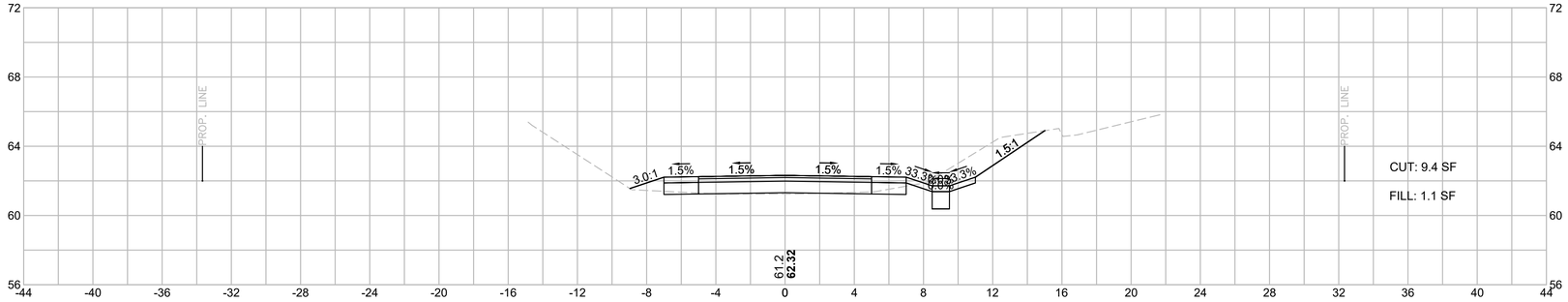
TOWN OF MARION
SHARED-USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	132	274
PROJECT FILE NO.	607979		

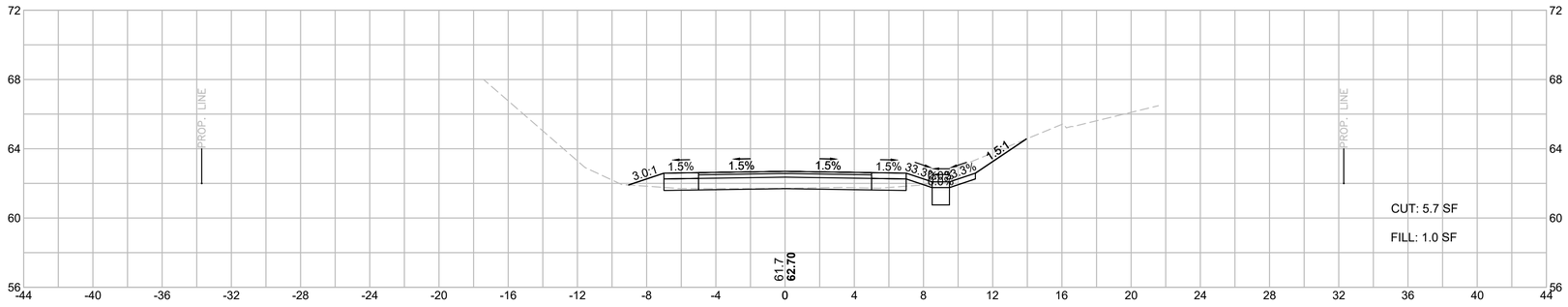
CROSS SECTIONS
SHEET 9 OF 151

607979_XSECT.DWG Plotted on 28-Sep-2017 3:43 PM

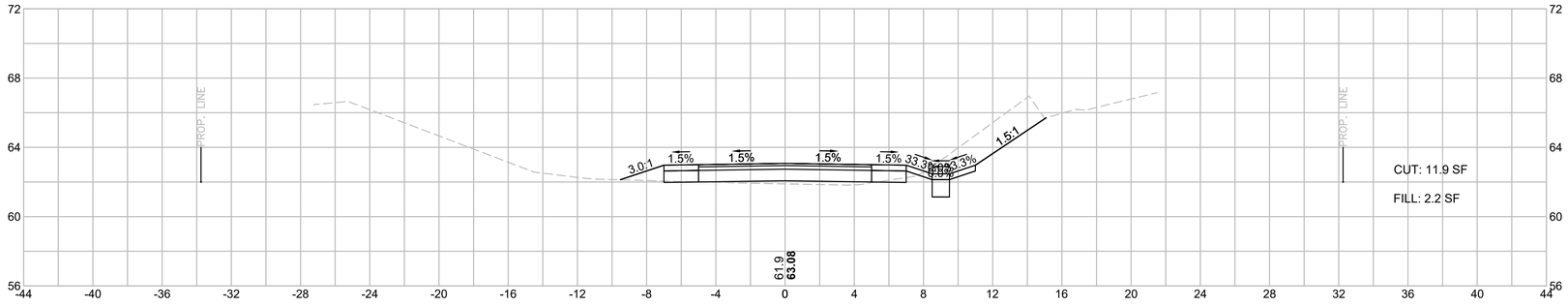
114+00



113+50



113+00



HOR. SCALE IN FEET
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VER. SCALE IN FEET
4 0 4 8

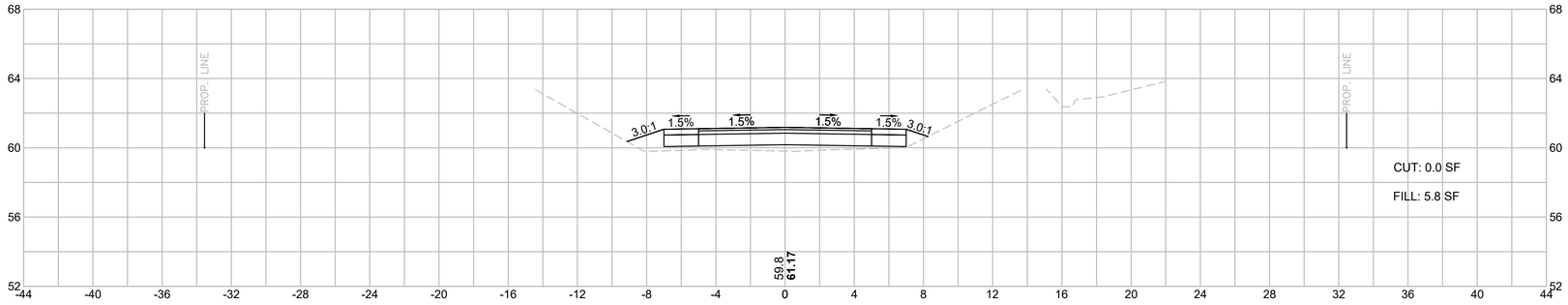
TOWN OF MARION
SHARED-USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	133	274
PROJECT FILE NO.	607979		

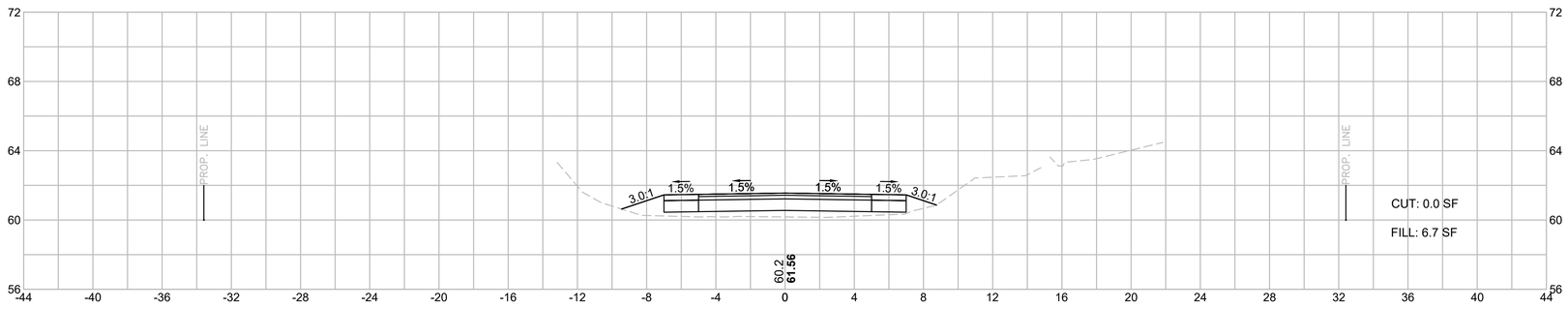
CROSS SECTIONS
SHEET 10 OF 151

607979_XSECT.DWG Plotted on 28-Sep-2017 3:43 PM

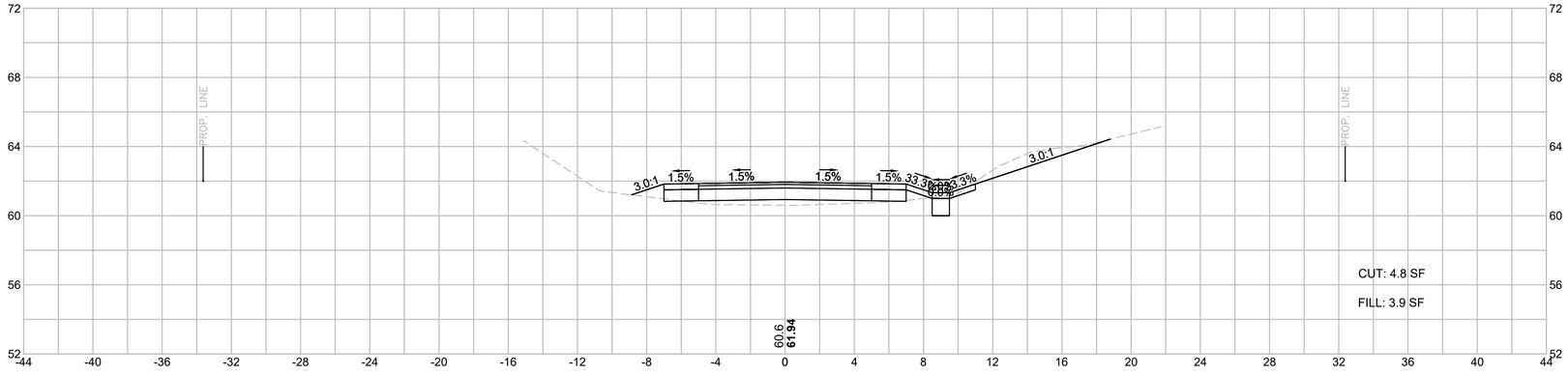
115+50



115+00



114+50



HOR. SCALE IN FEET
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4 0 4 8
VER. SCALE IN FEET

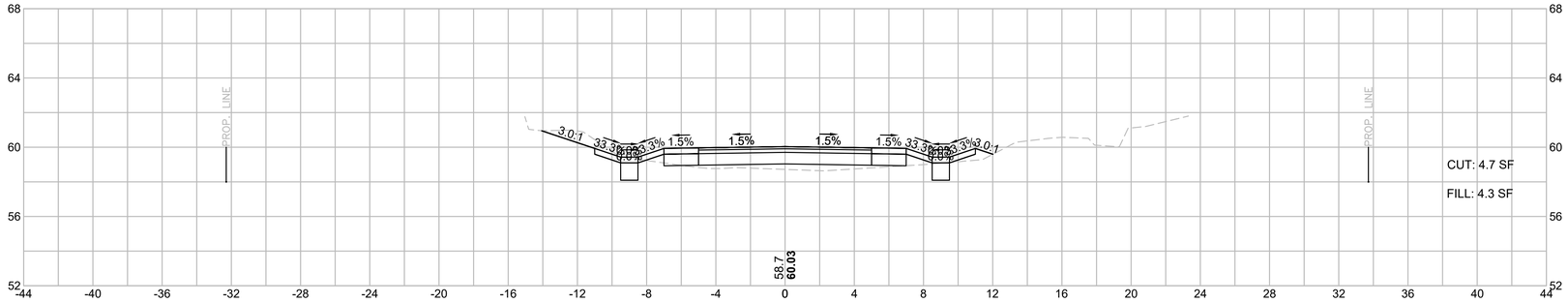
TOWN OF MARION
SHARED-USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	134	274
PROJECT FILE NO.	607979		

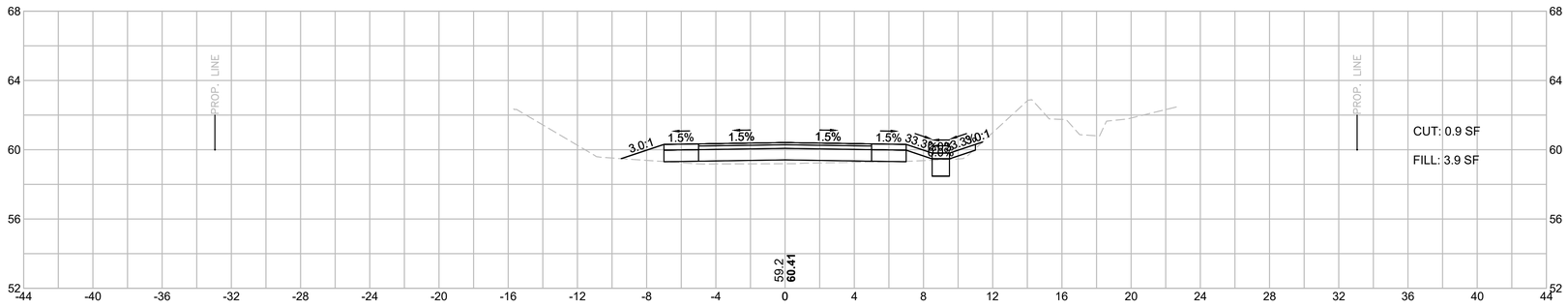
CROSS SECTIONS
SHEET 11 OF 151

607979_XSECT.DWG Plotted on 28-Sep-2017 3:43 PM

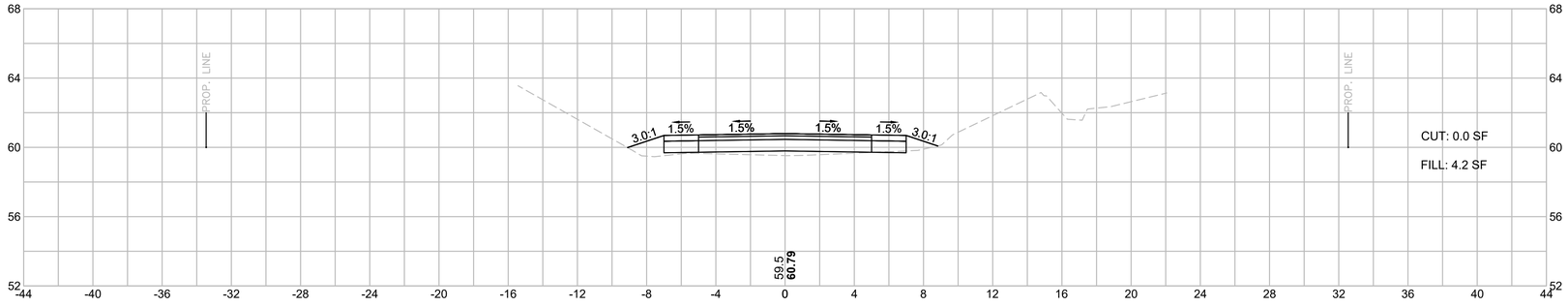
117+00



116+50



116+00



HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

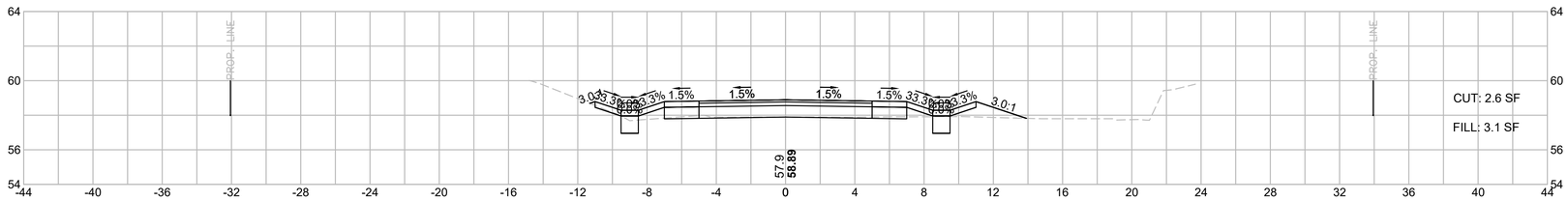
TOWN OF MARION
SHARED-USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	135	274
PROJECT FILE NO.	607979		

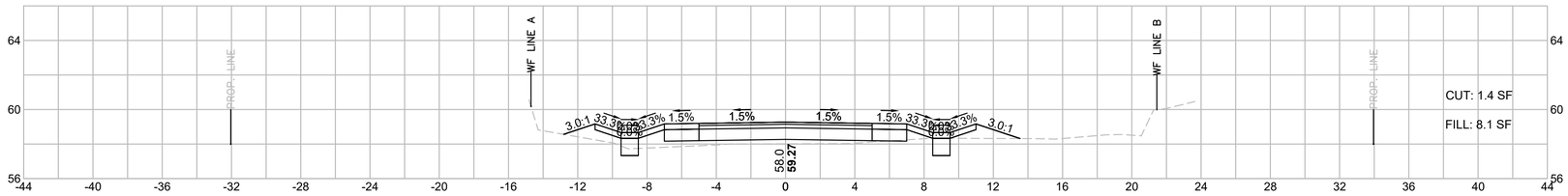
CROSS SECTIONS
SHEET 12 OF 151

607979_XSECT.DWG Plotted on 28-Sep-2017 3:43 PM

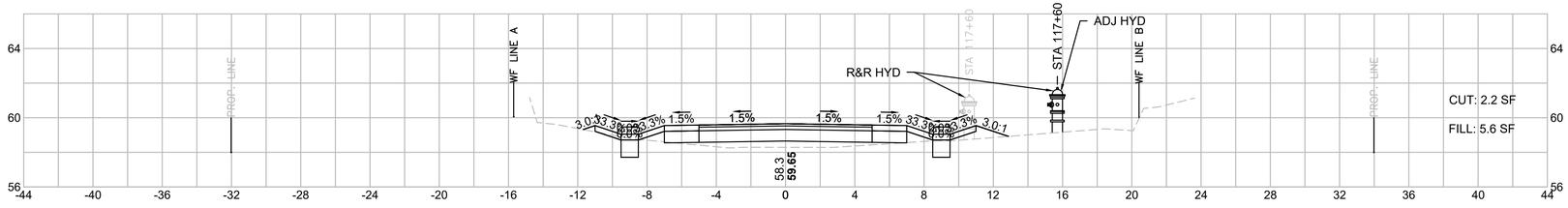
118+50



118+00



117+50



HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

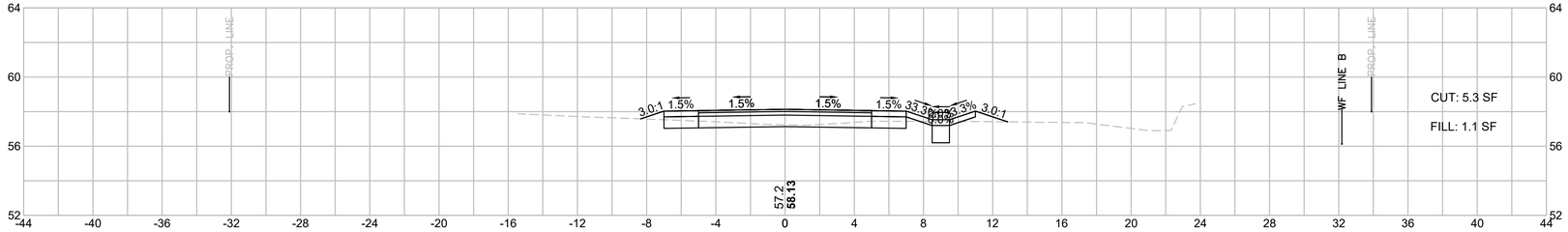
TOWN OF MARION
SHARED-USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	136	274
PROJECT FILE NO.	607979		

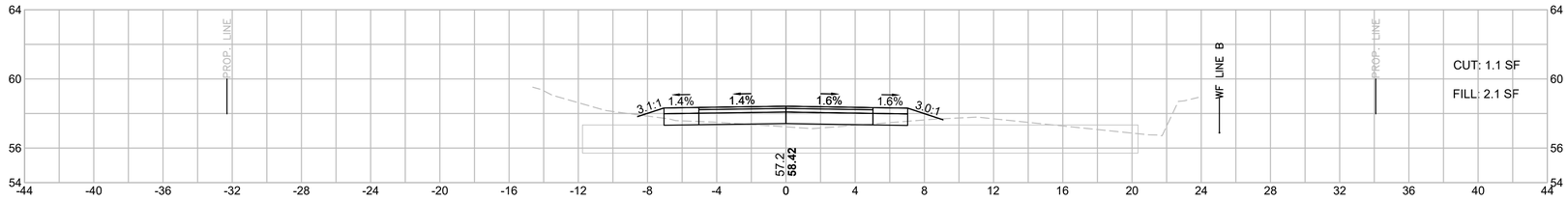
CROSS SECTIONS
SHEET 13 OF 151

607979_XSECT.DWG Plotted on 28-Sep-2017 3:43 PM

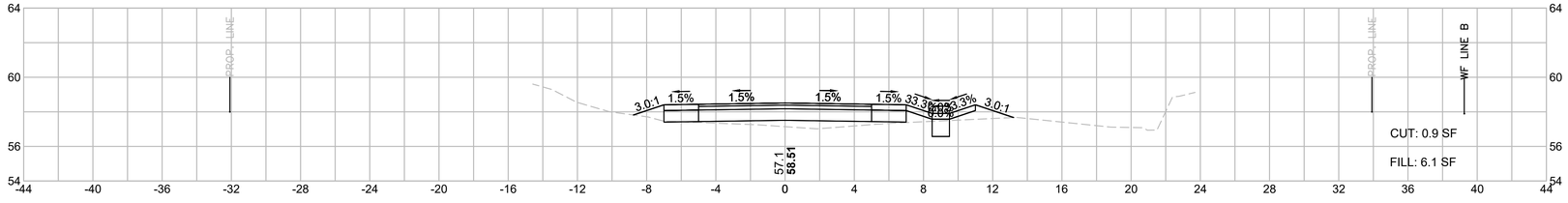
119+50



119+12



119+00



HOR. SCALE IN FEET
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4 0 4 8
VER. SCALE IN FEET

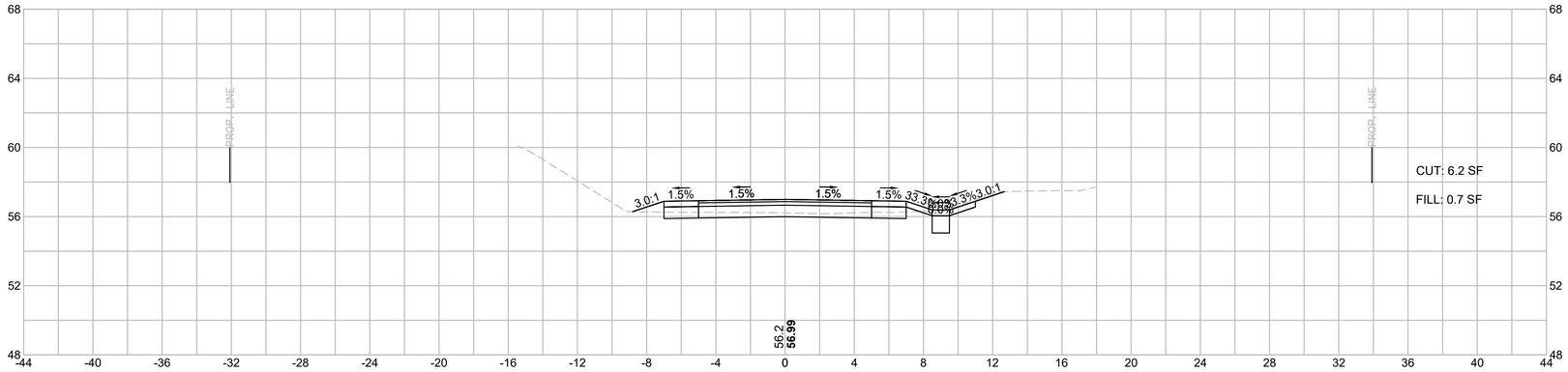
TOWN OF MARION
SHARED-USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	137	274
PROJECT FILE NO.	607979		

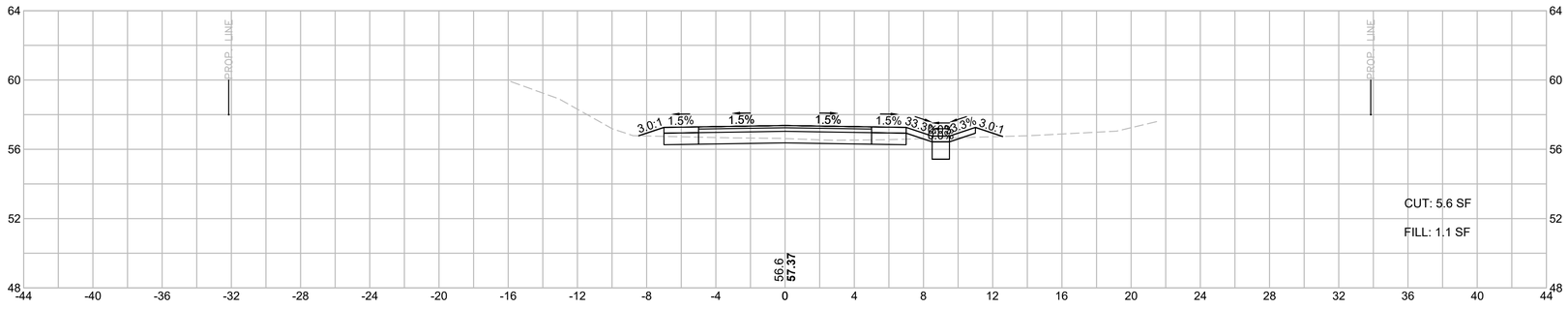
CROSS SECTIONS
SHEET 14 OF 151

607979_XSECT.DWG Plotted on 28-Sep-2017 3:43 PM

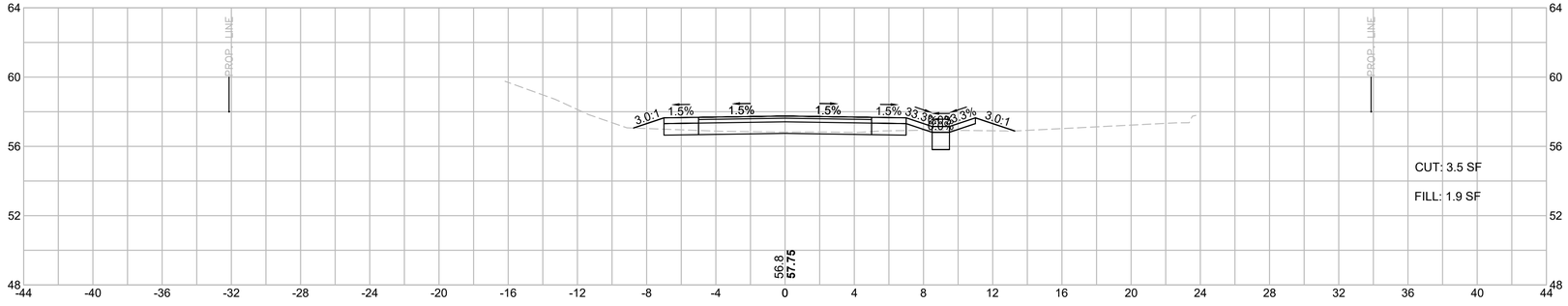
121+00



120+50



120+00



HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

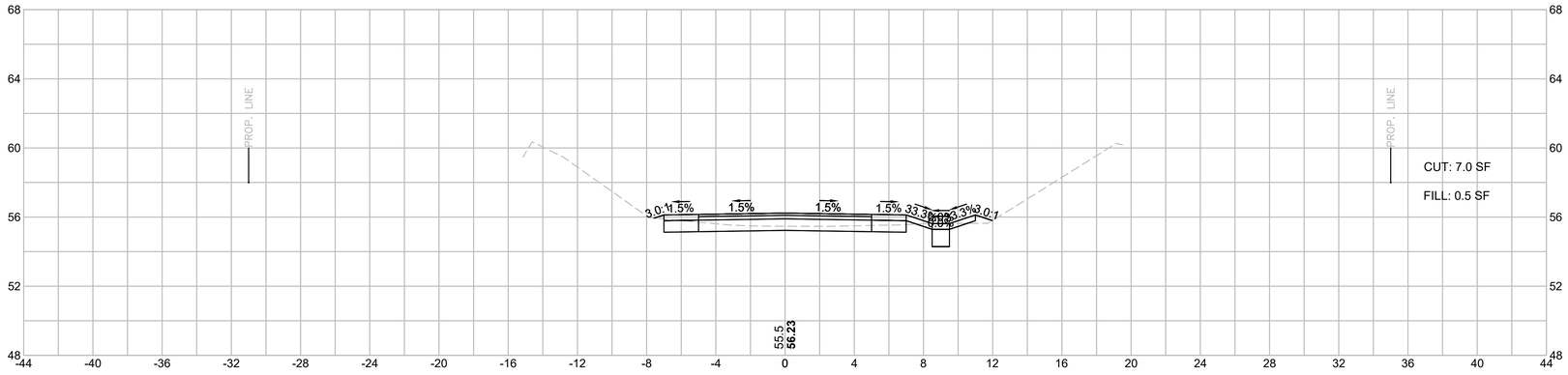
TOWN OF MARION
SHARED-USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	138	274
PROJECT FILE NO.	607979		

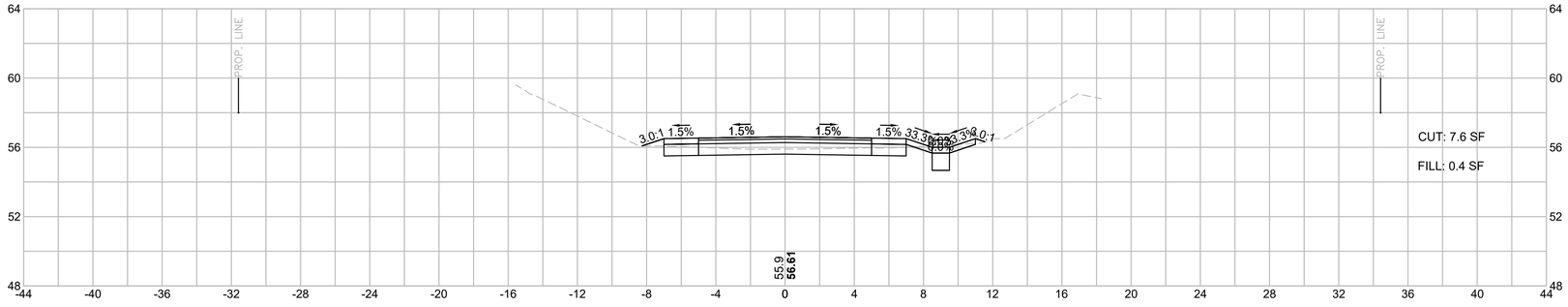
CROSS SECTIONS
SHEET 15 OF 151

607979_XSECT.DWG Plotted on 28-Sep-2017 3:43 PM

122+00



121+50



HOR. SCALE IN FEET
4 0 4 8
VER. SCALE IN FEET
4 0 4 8

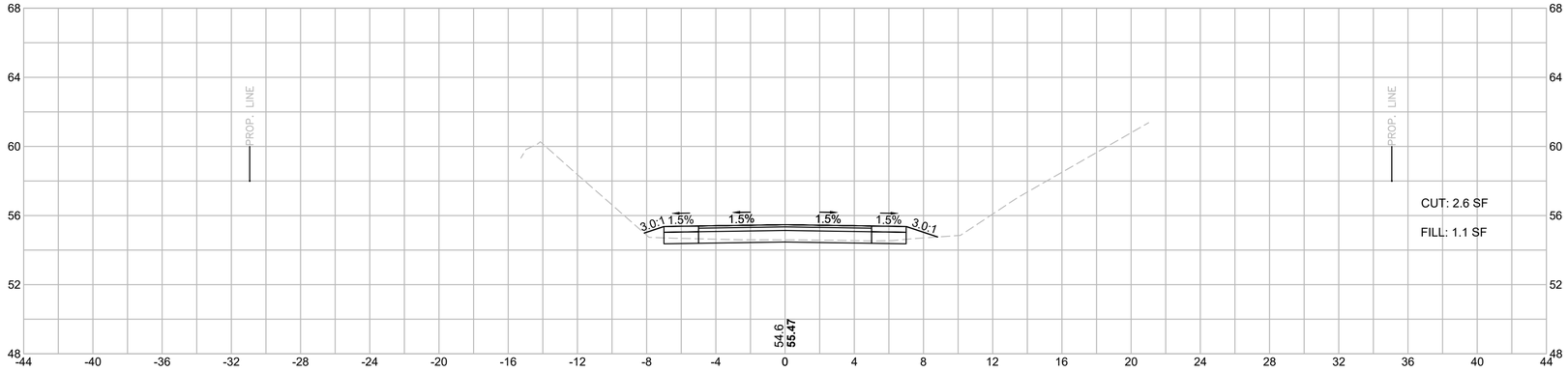
TOWN OF MARION
SHARED-USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	139	274
PROJECT FILE NO.	607979		

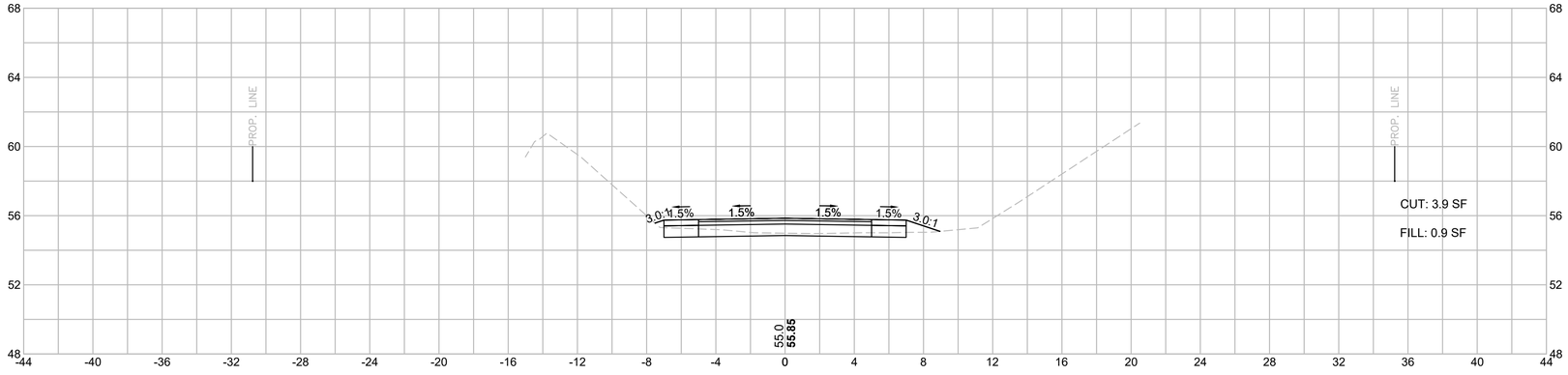
CROSS SECTIONS
SHEET 16 OF 151

607979_XSECT.DWG Plotted on 28-Sep-2017 3:43 PM

123+00



122+50



HOR. SCALE IN FEET
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4 0 4 8
VER. SCALE IN FEET

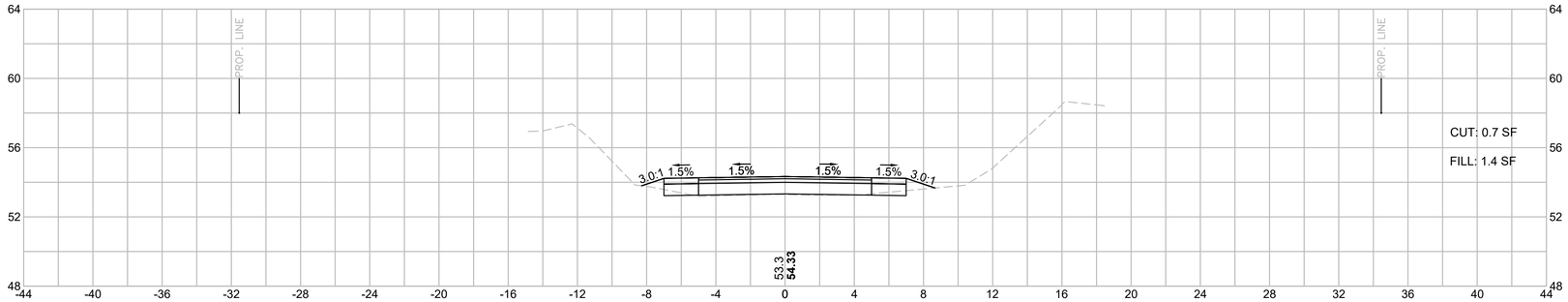
TOWN OF MARION
SHARED-USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	140	274
PROJECT FILE NO.	607979		

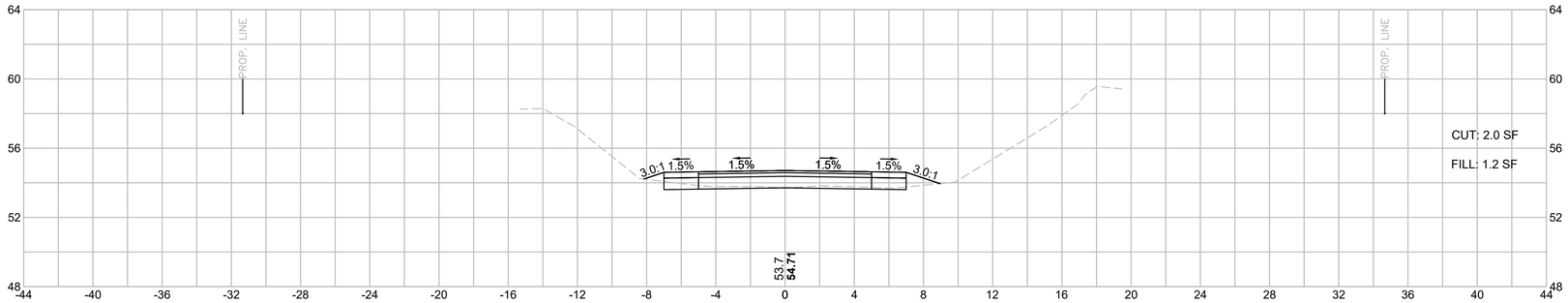
CROSS SECTIONS
SHEET 17 OF 151

607979_XSECT.DWG Plotted on 28-Sep-2017 3:43 PM

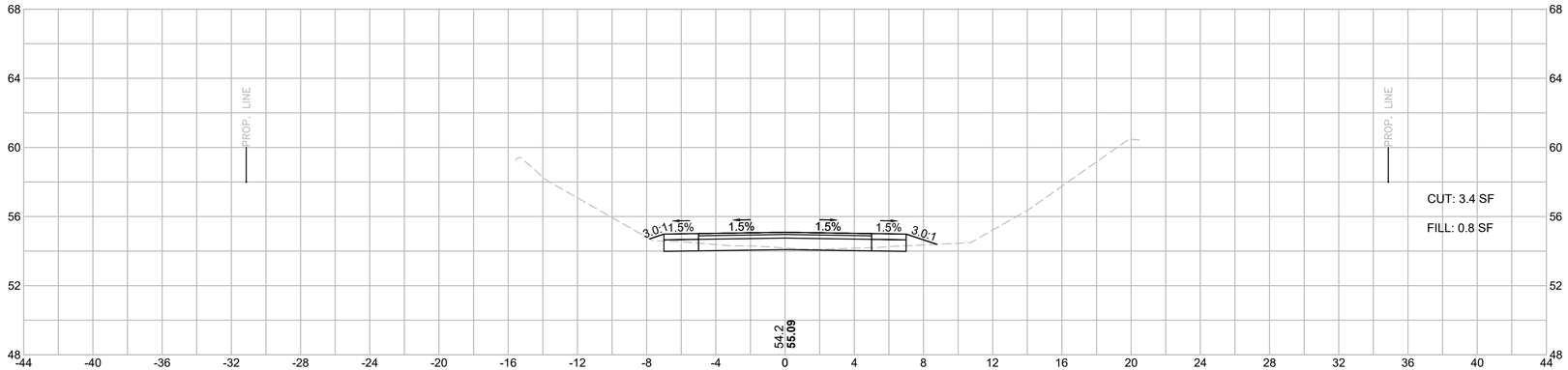
124+50



124+00



123+50



HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

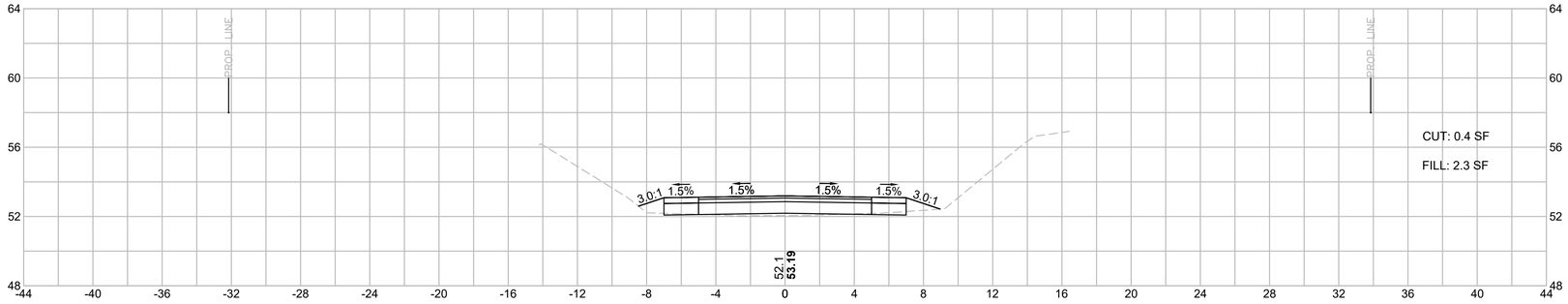
TOWN OF MARION
SHARED-USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	141	274
PROJECT FILE NO.	607979		

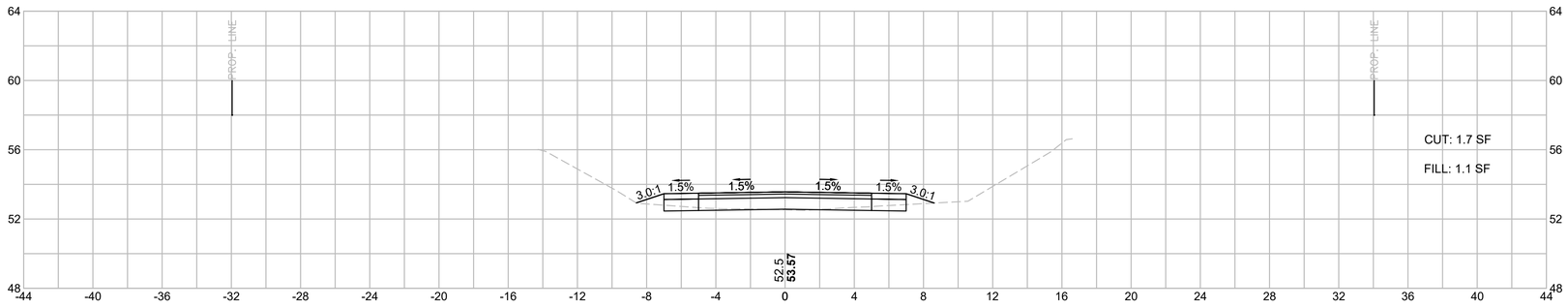
CROSS SECTIONS
SHEET 18 OF 151

607979_XSECT.DWG Plotted on 28-Sep-2017 3:43 PM

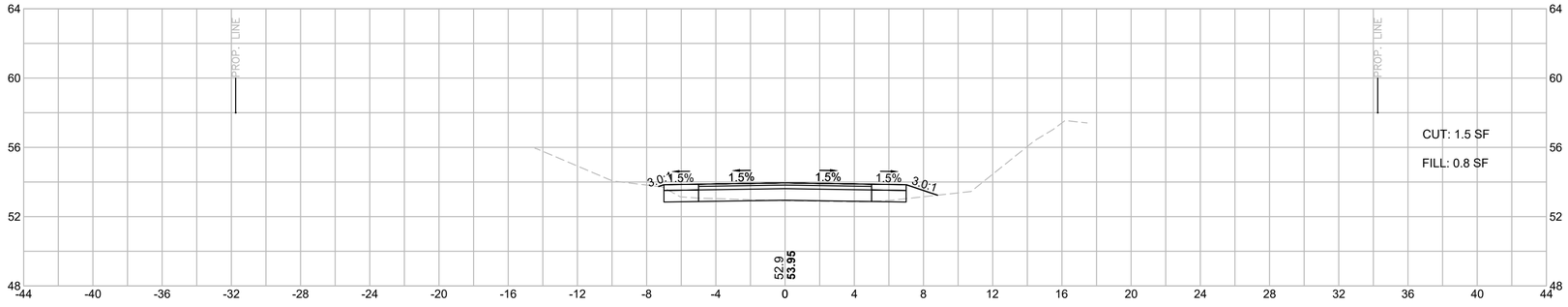
126+00



125+50



125+00



HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

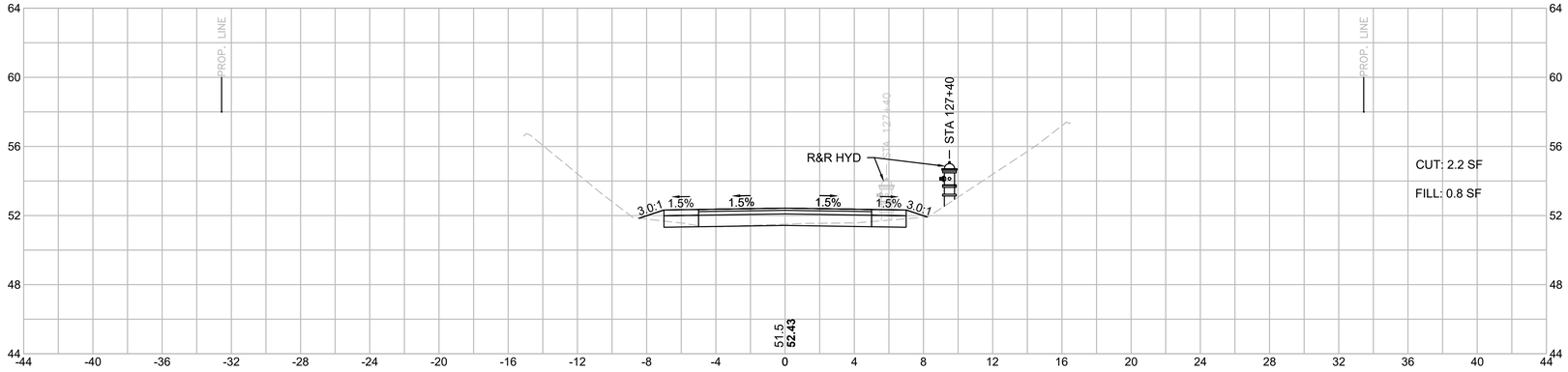
TOWN OF MARION
SHARED-USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	142	274
PROJECT FILE NO.	607979		

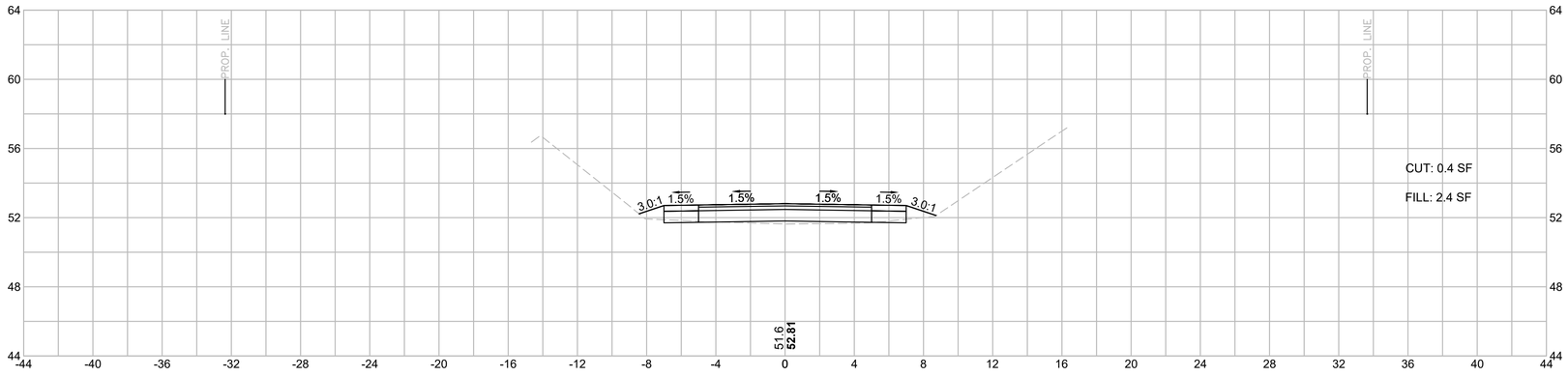
CROSS SECTIONS
SHEET 19 OF 151

607979_XSECT.DWG Plotted on 28-Sep-2017 3:43 PM

127+00



126+50



HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

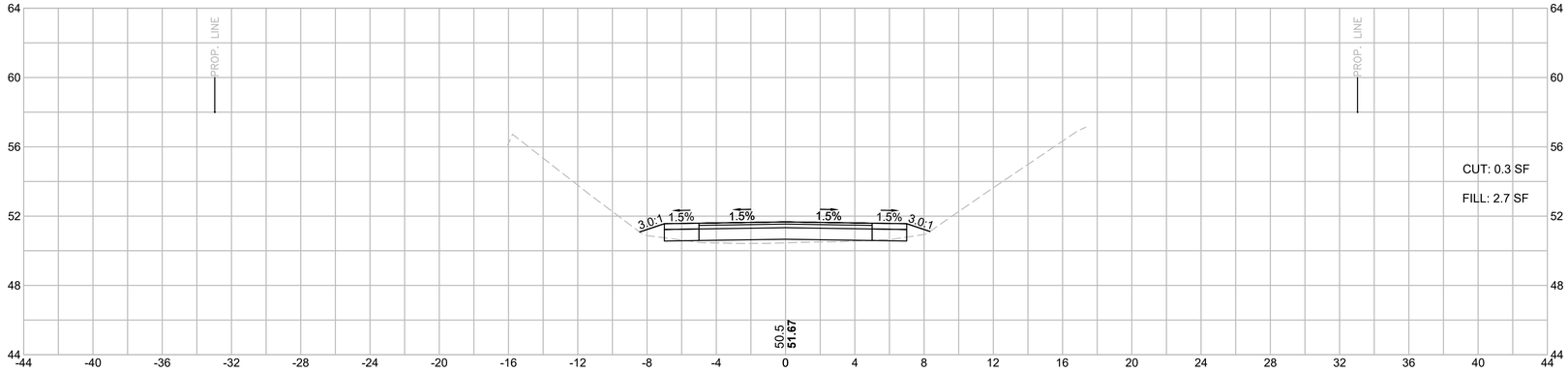
TOWN OF MARION
SHARED-USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	143	274
PROJECT FILE NO.	607979		

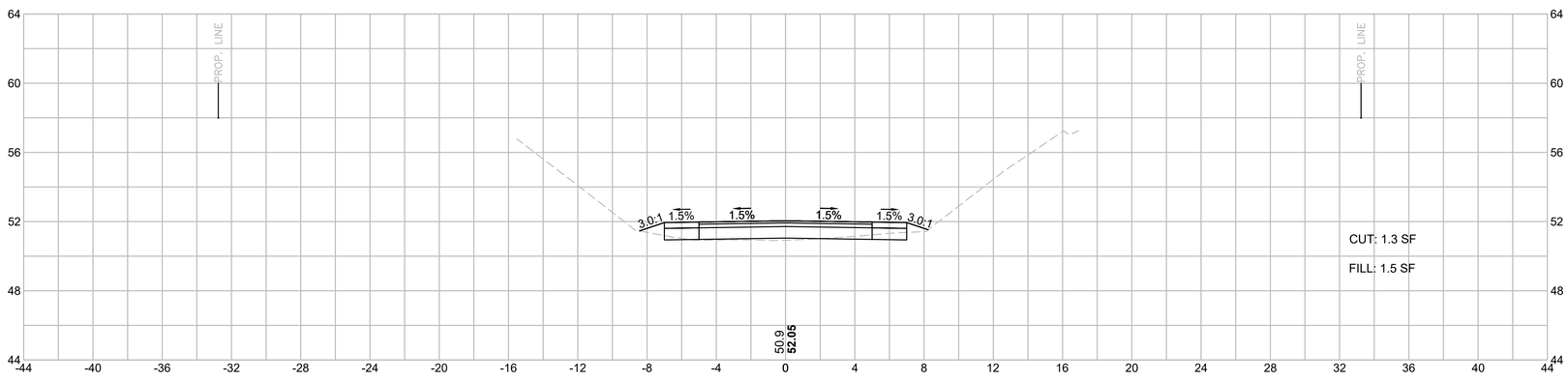
CROSS SECTIONS
SHEET 20 OF 151

607979_XSECT.DWG Plotted on 28-Sep-2017 3:43 PM

128+00



127+50



HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

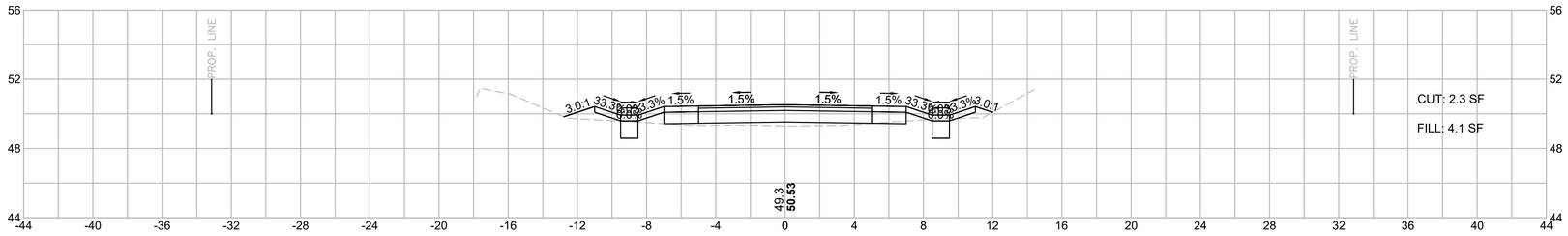
TOWN OF MARION
SHARED-USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	144	274
PROJECT FILE NO.	607979		

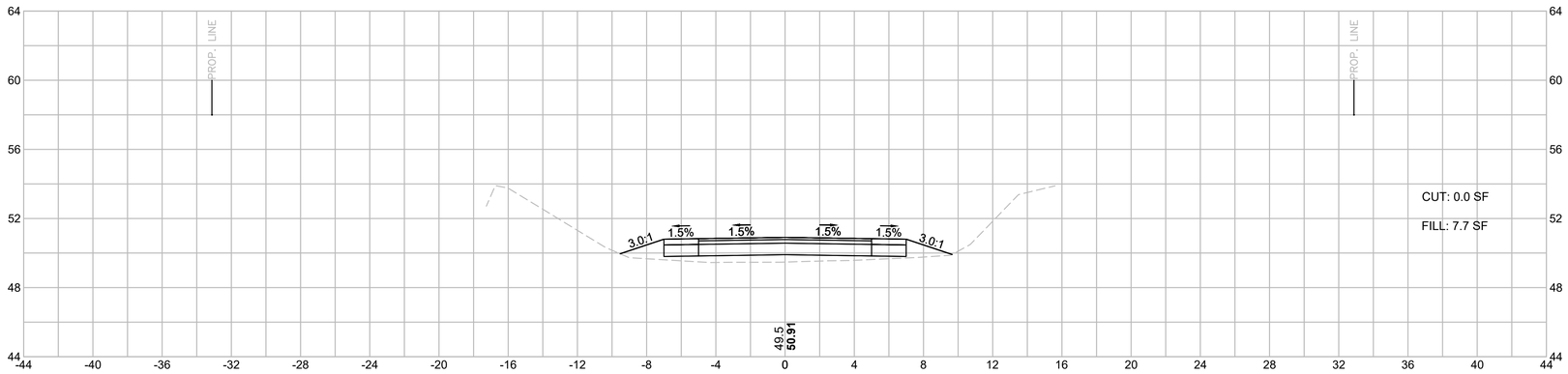
CROSS SECTIONS
SHEET 21 OF 151

607979_XSECT.DWG Plotted on 28-Sep-2017 3:43 PM

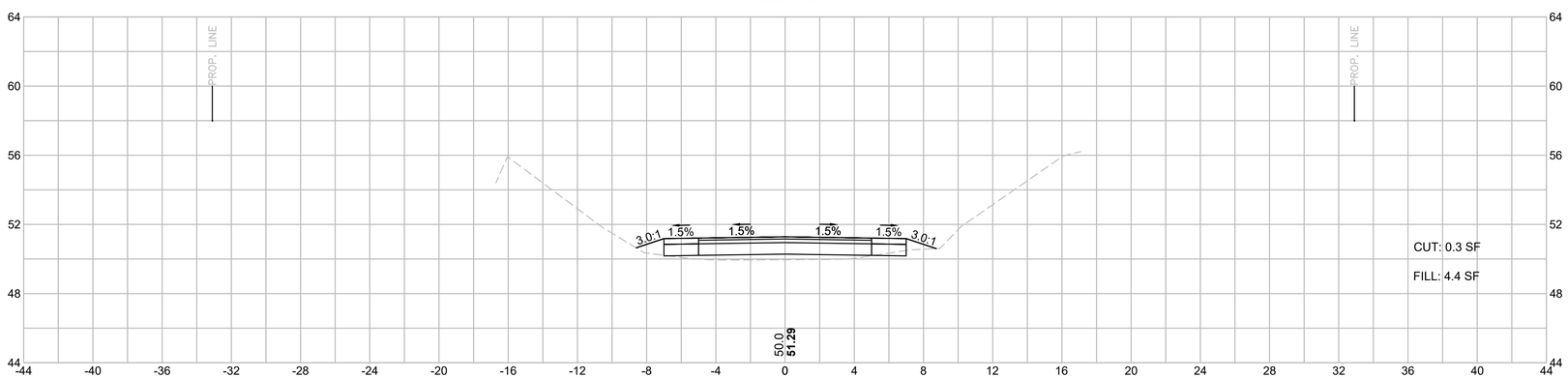
129+50



129+00



128+50



HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

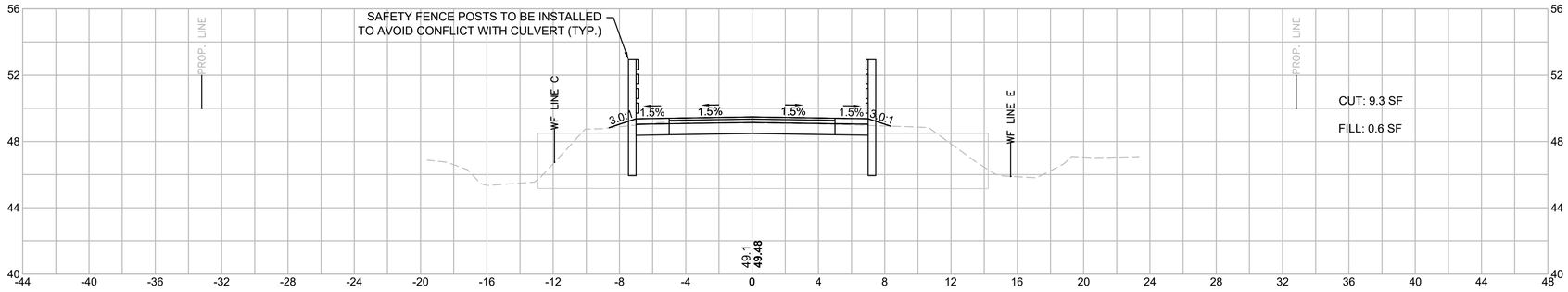
TOWN OF MARION
SHARED-USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	145	274
PROJECT FILE NO.	607979		

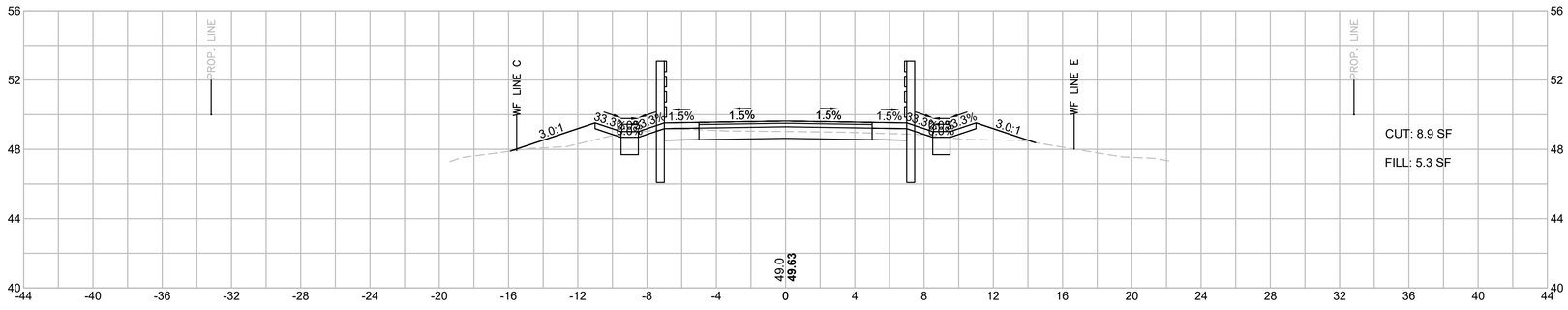
CROSS SECTIONS
SHEET 22 OF 151

607979_XSECT.DWG Plotted on 28-Sep-2017 3:43 PM

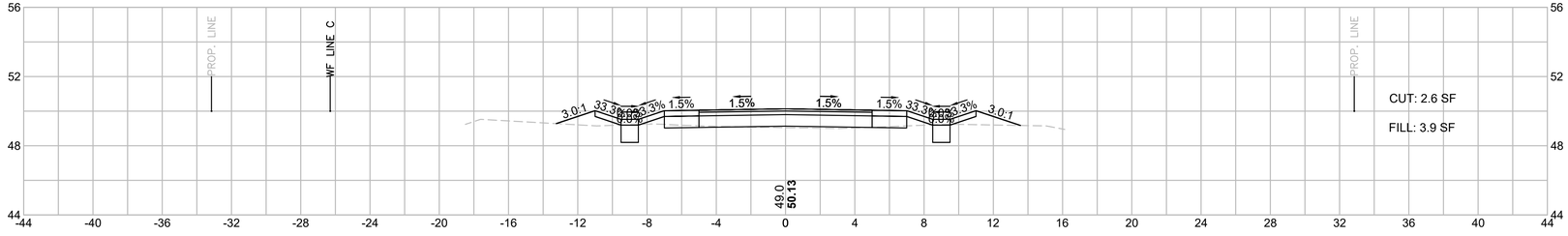
130+63.35



130+50



130+00



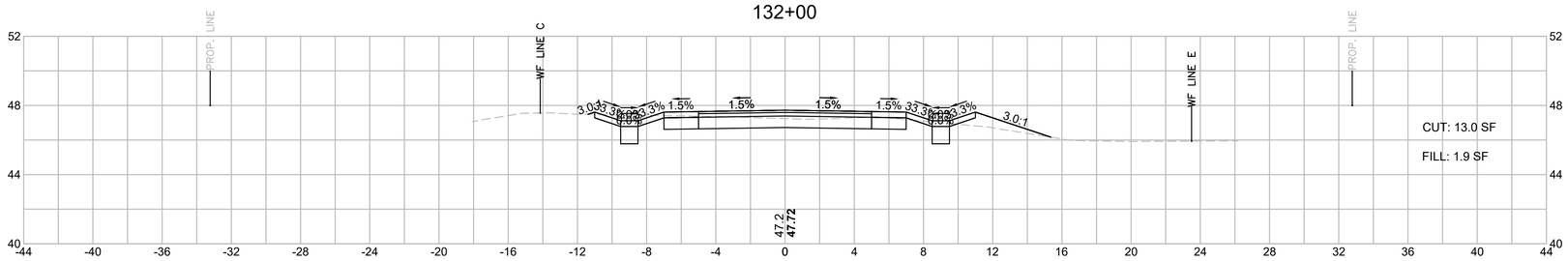
HOR. SCALE IN FEET
4 0 4 8
VER. SCALE IN FEET
4 0 4 8

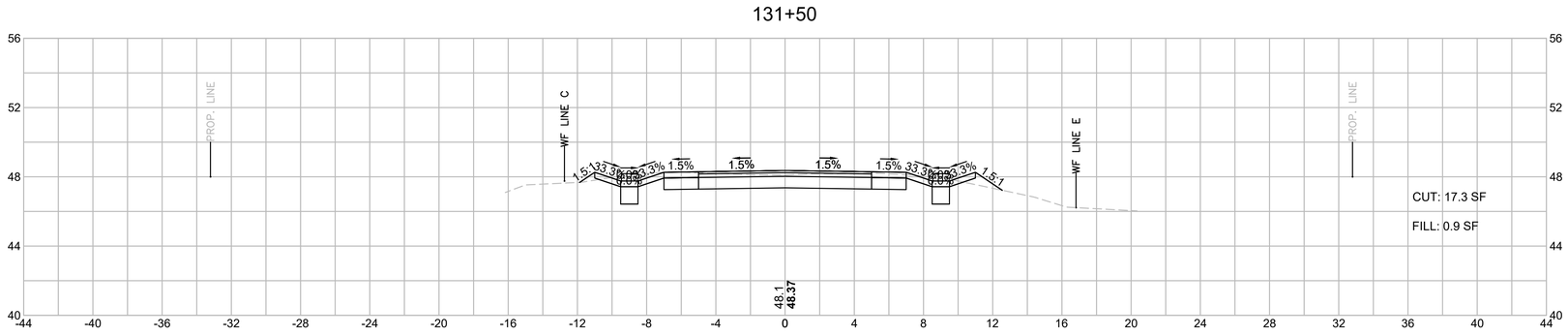
TOWN OF MARION
SHARED-USE PATH - PHASE 1

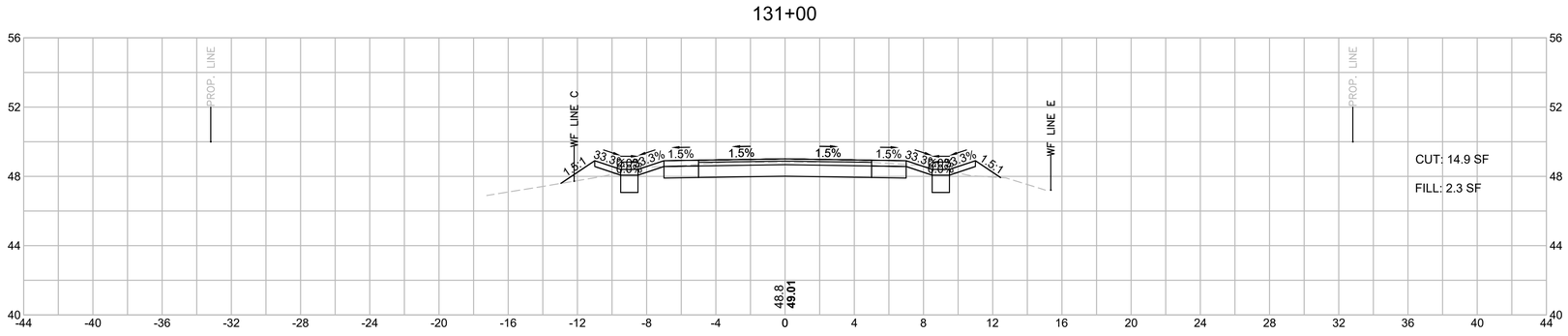
STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	146	274
PROJECT FILE NO.	607979		

CROSS SECTIONS
SHEET 23 OF 151

607979_XSECT.DWG Plotted on 28-Sep-2017 3:43 PM







HOR. SCALE IN FEET
4 0 4 8
VER. SCALE IN FEET
4 0 4 8

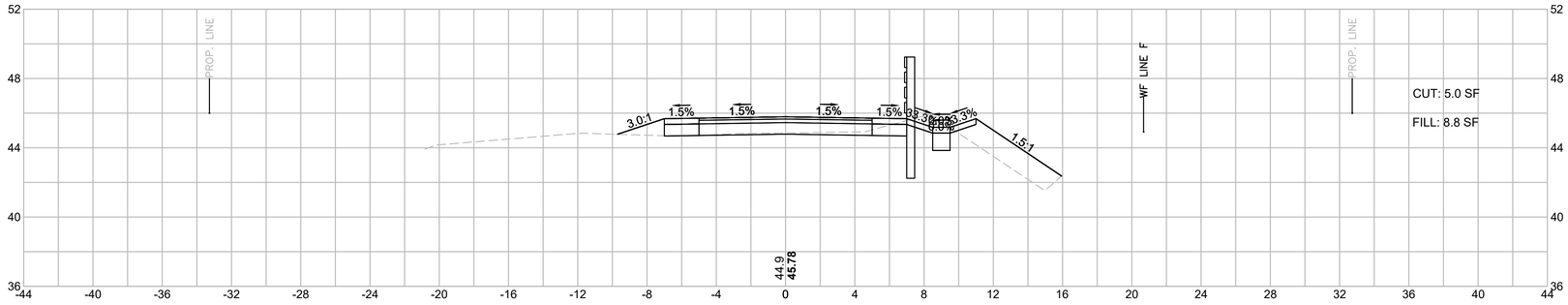
TOWN OF MARION
SHARED-USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	147	274
PROJECT FILE NO.	607979		

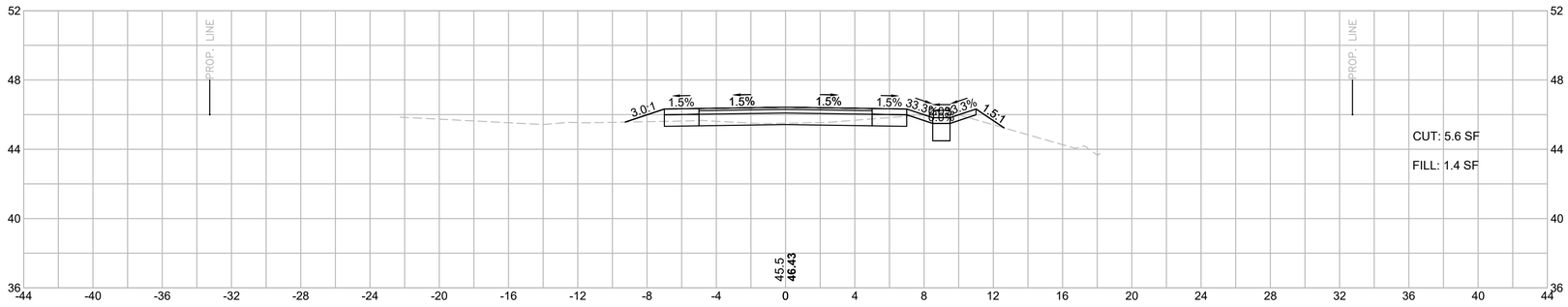
CROSS SECTIONS
SHEET 24 OF 151

607979_XSECT.DWG Plotted on 28-Sep-2017 3:43 PM

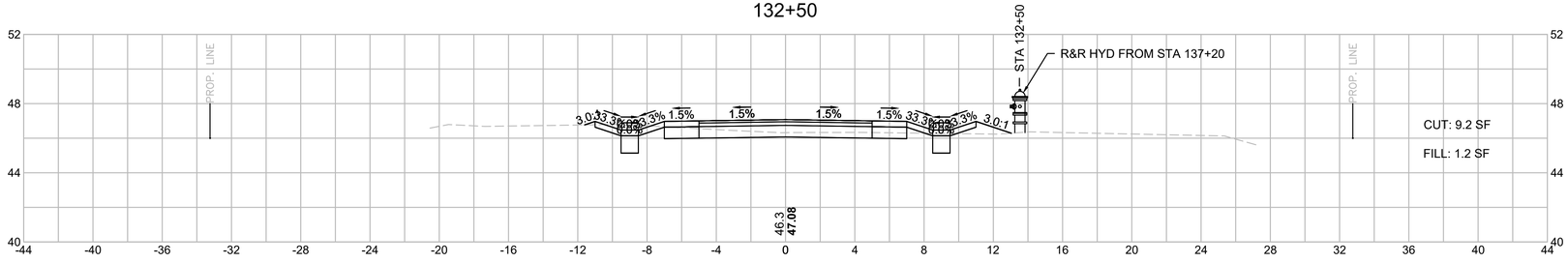
133+50



133+00



132+50



HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

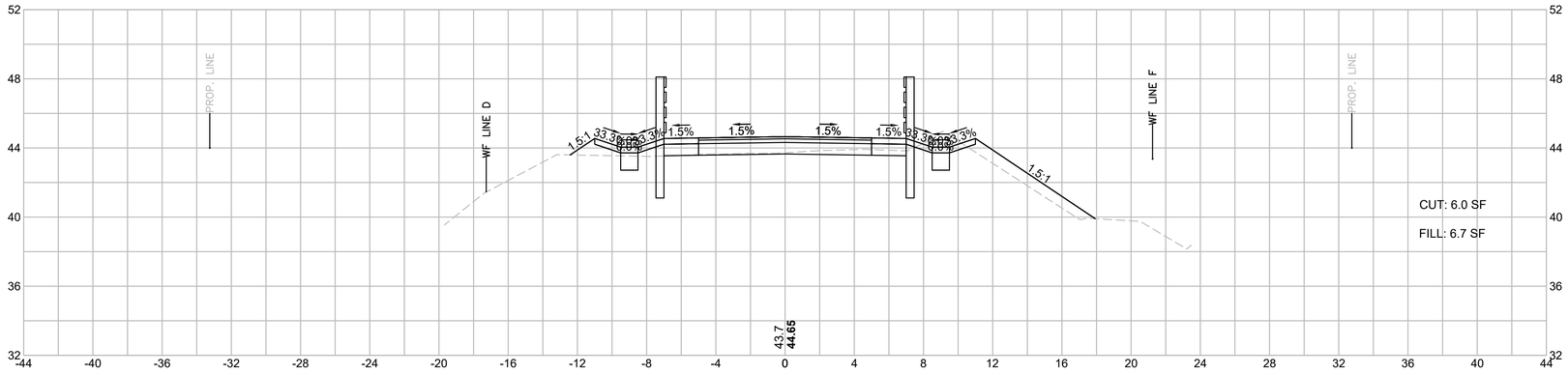
TOWN OF MARION
SHARED-USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	148	274
PROJECT FILE NO.	607979		

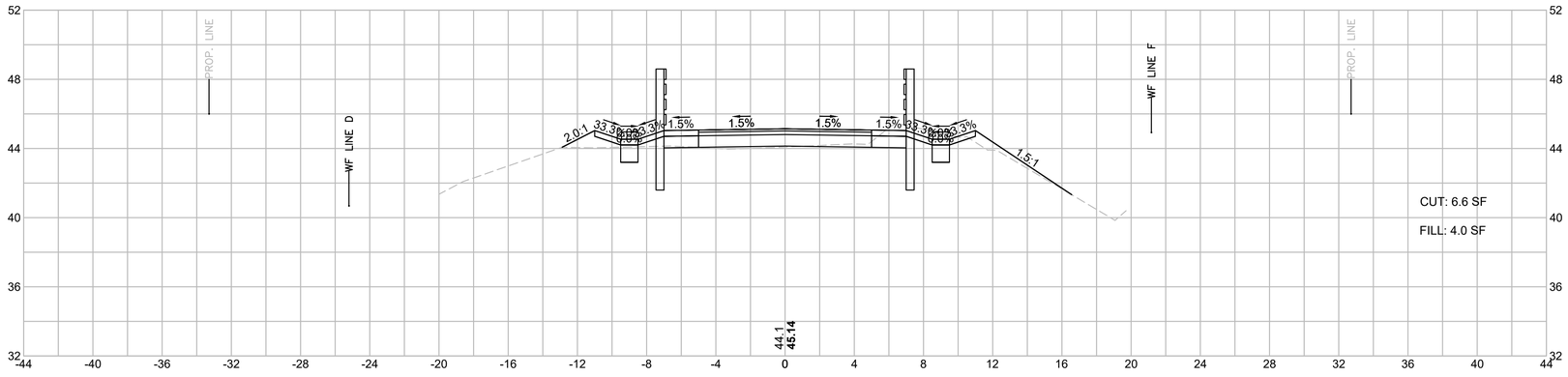
CROSS SECTIONS
SHEET 25 OF 151

607979_XSECT.DWG Plotted on 28-Sep-2017 3:43 PM

134+50



134+00



HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

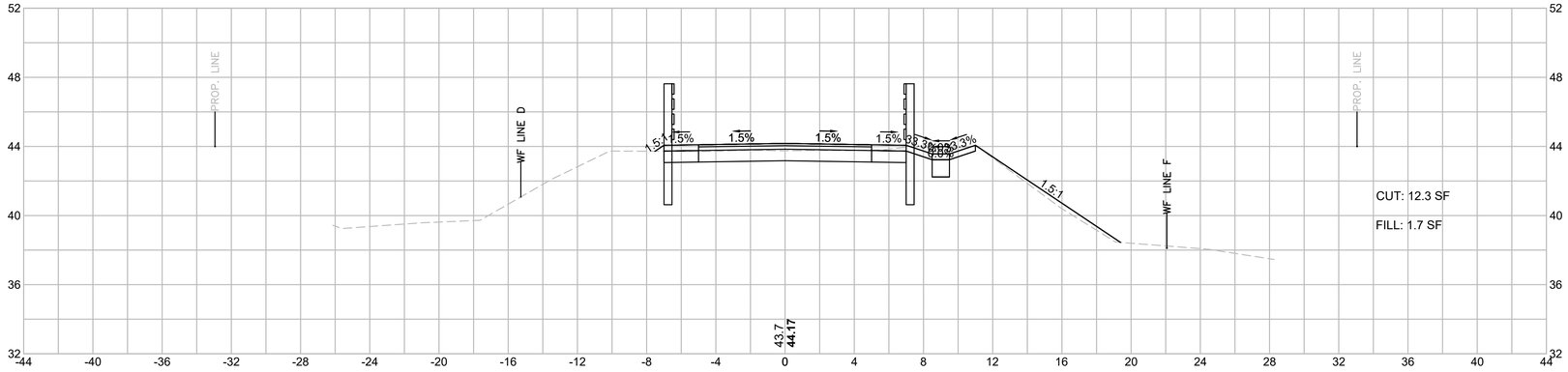
TOWN OF MARION
SHARED-USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	149	274
PROJECT FILE NO.	607979		

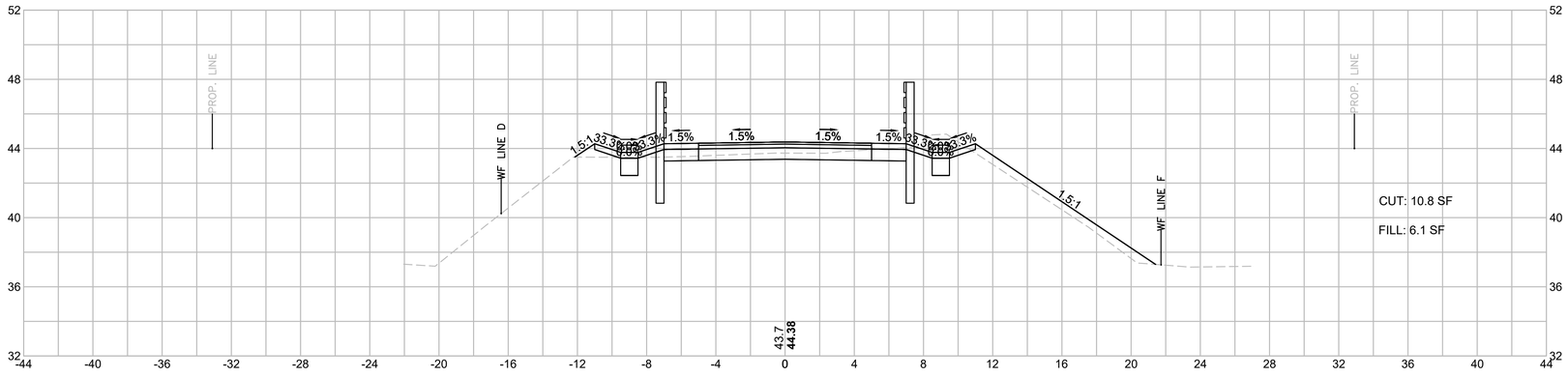
CROSS SECTIONS
SHEET 26 OF 151

607979_XSECT.DWG Plotted on 28-Sep-2017 3:43 PM

135+50



135+00



HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

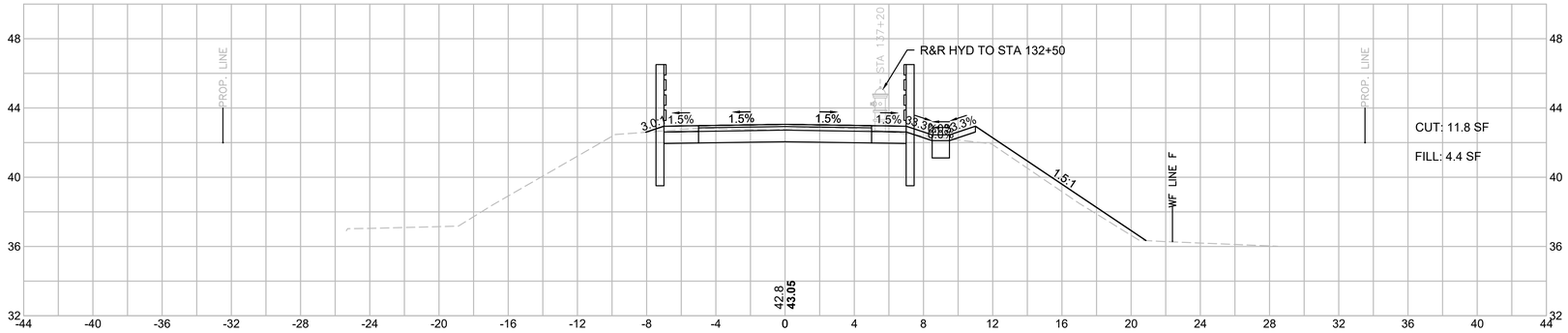
TOWN OF MARION
SHARED-USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	150	274
PROJECT FILE NO.	607979		

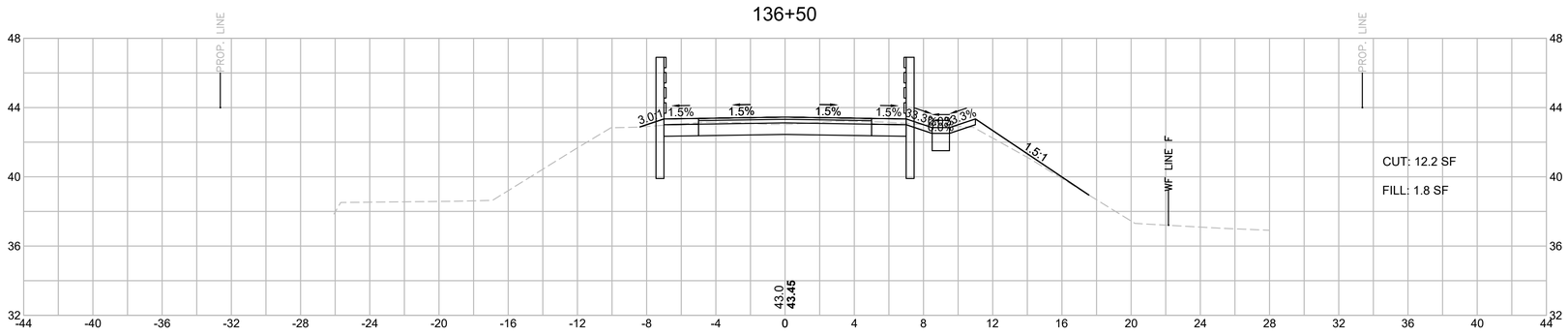
CROSS SECTIONS
SHEET 27 OF 151

607979_XSECT.DWG Plotted on 28-Sep-2017 3:43 PM

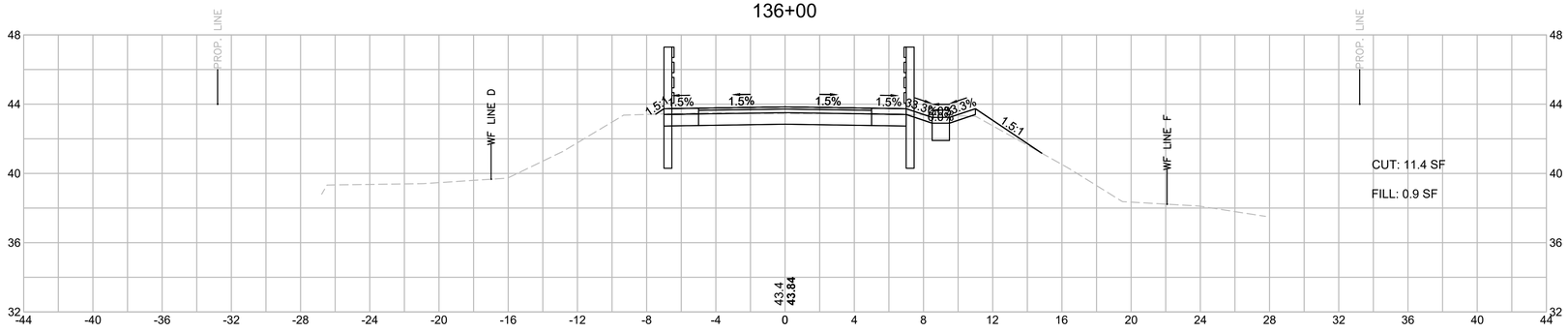
137+00



136+50



136+00



HOR. SCALE IN FEET
4 0 4 8
VER. SCALE IN FEET
4 0 4 8

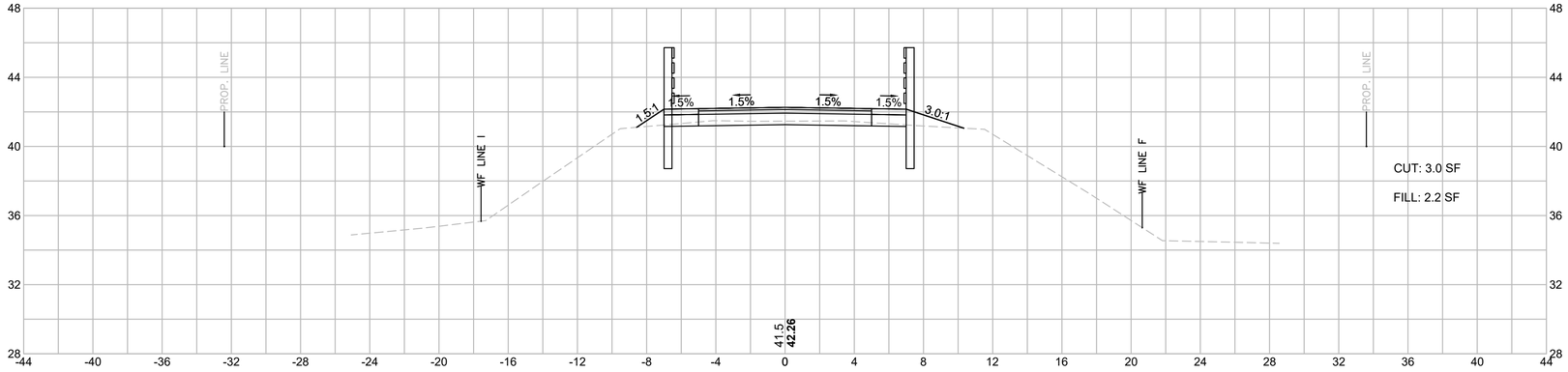
TOWN OF MARION
SHARED-USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	151	274
PROJECT FILE NO.	607979		

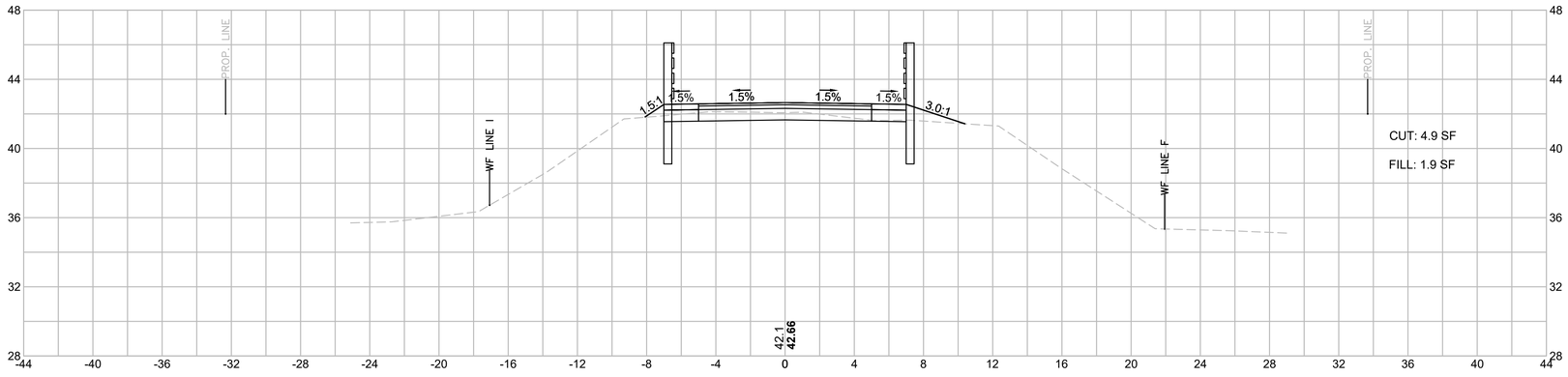
CROSS SECTIONS
SHEET 28 OF 151

607979_XSECT.DWG Plotted on 28-Sep-2017 3:43 PM

138+00



137+50



HOR. SCALE IN FEET
4 0 4 8
VER. SCALE IN FEET
4 0 4 8

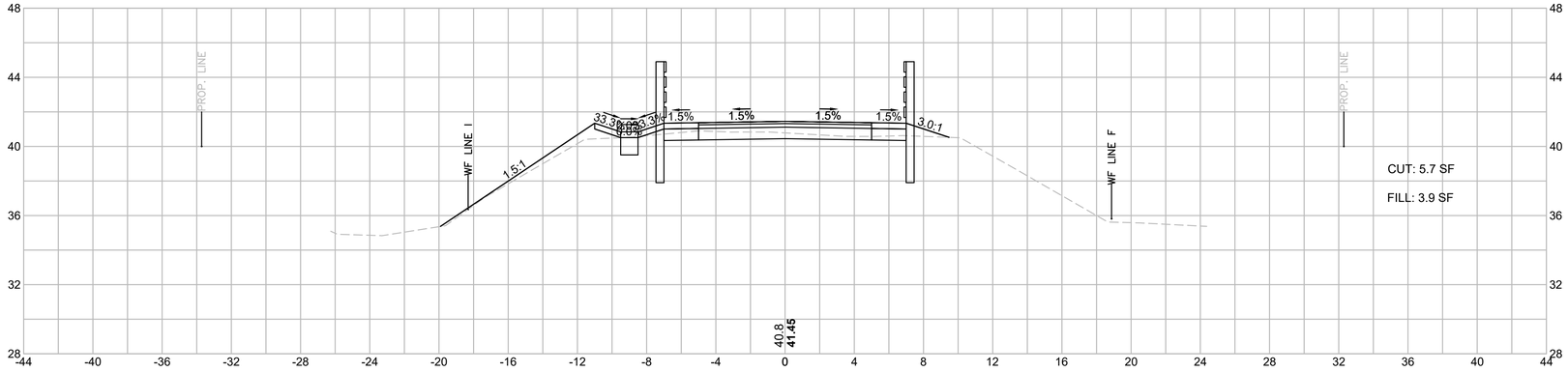
TOWN OF MARION
SHARED-USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	152	274
PROJECT FILE NO.	607979		

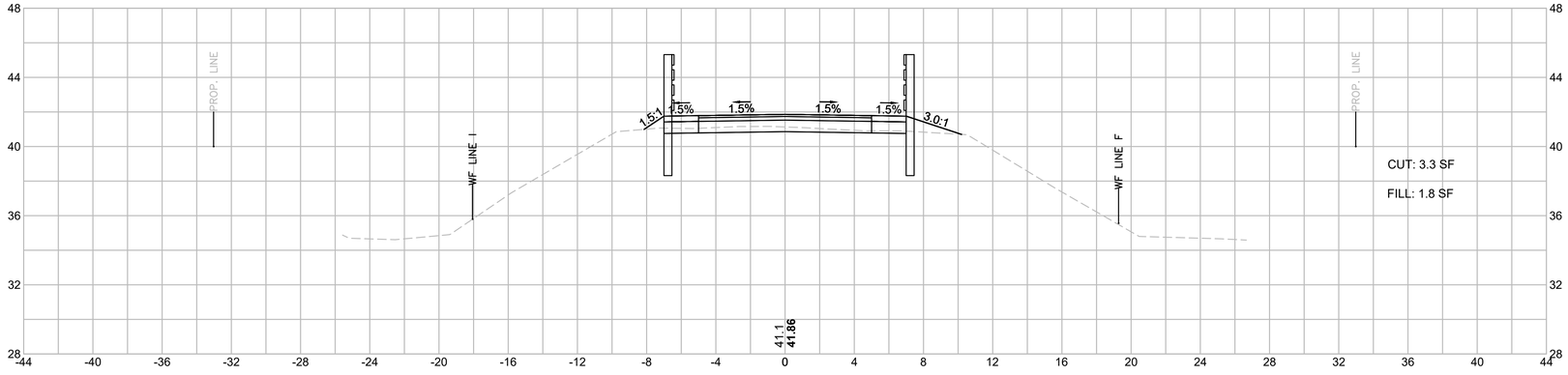
CROSS SECTIONS
SHEET 29 OF 151

607979_XSECT.DWG Plotted on 28-Sep-2017 3:43 PM

139+00



138+50



HOR. SCALE IN FEET
4 0 4 8
VER. SCALE IN FEET
4 0 4 8

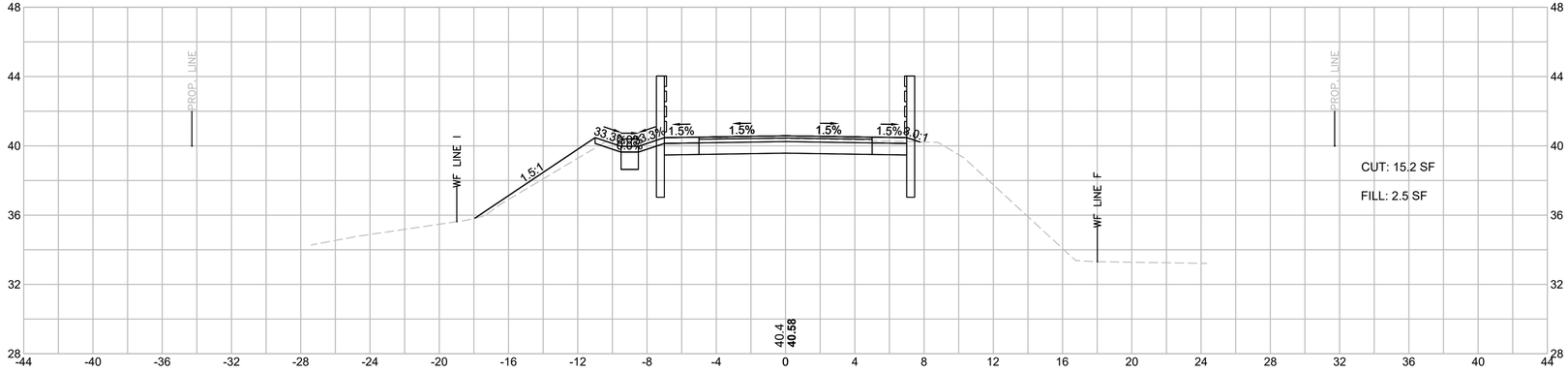
TOWN OF MARION
SHARED-USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	153	274
PROJECT FILE NO.	607979		

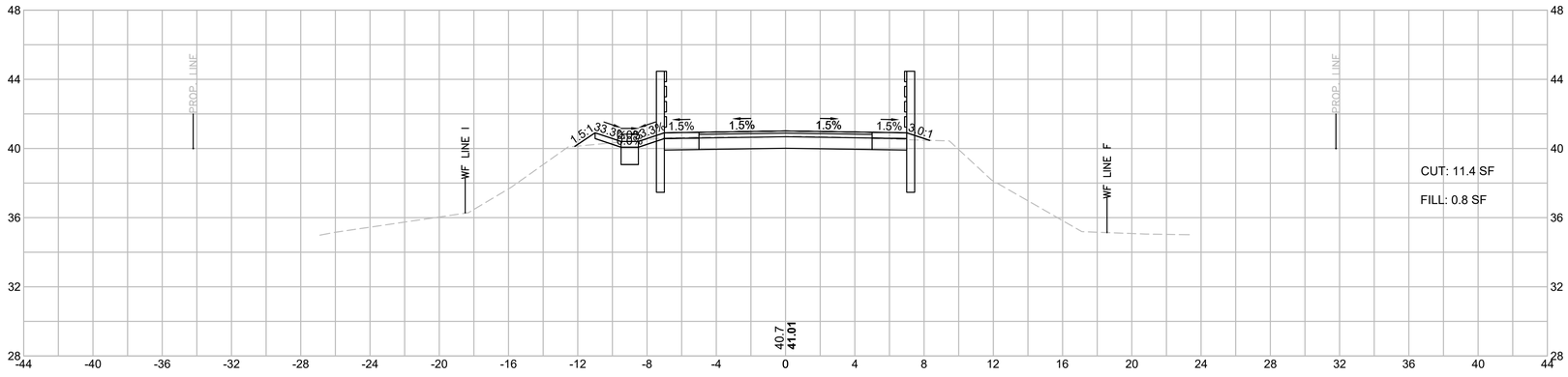
CROSS SECTIONS
SHEET 30 OF 151

607979_XSECT.DWG Plotted on 28-Sep-2017 3:43 PM

140+00



139+50



HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

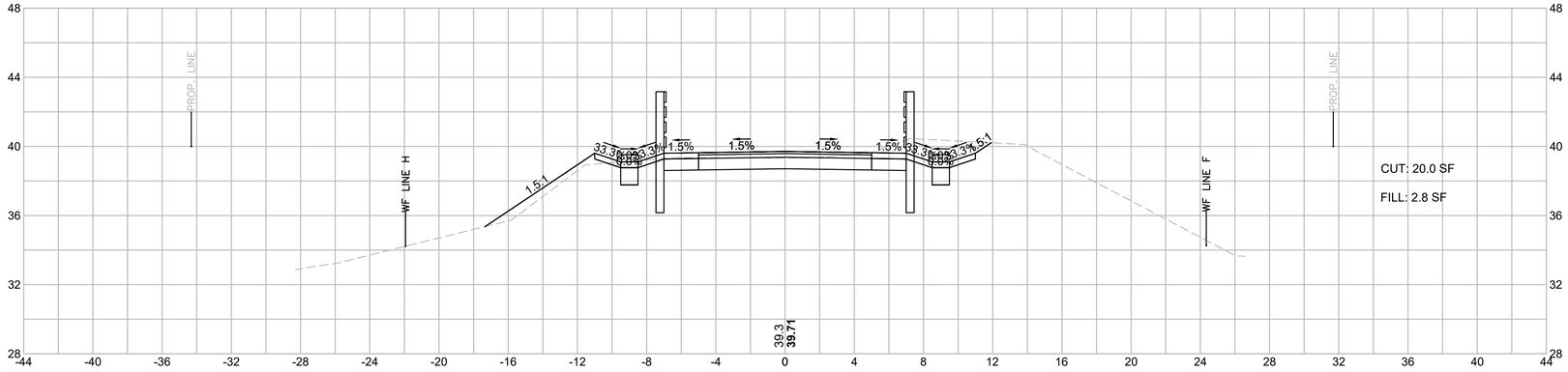
TOWN OF MARION
SHARED-USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	154	274
PROJECT FILE NO.	607979		

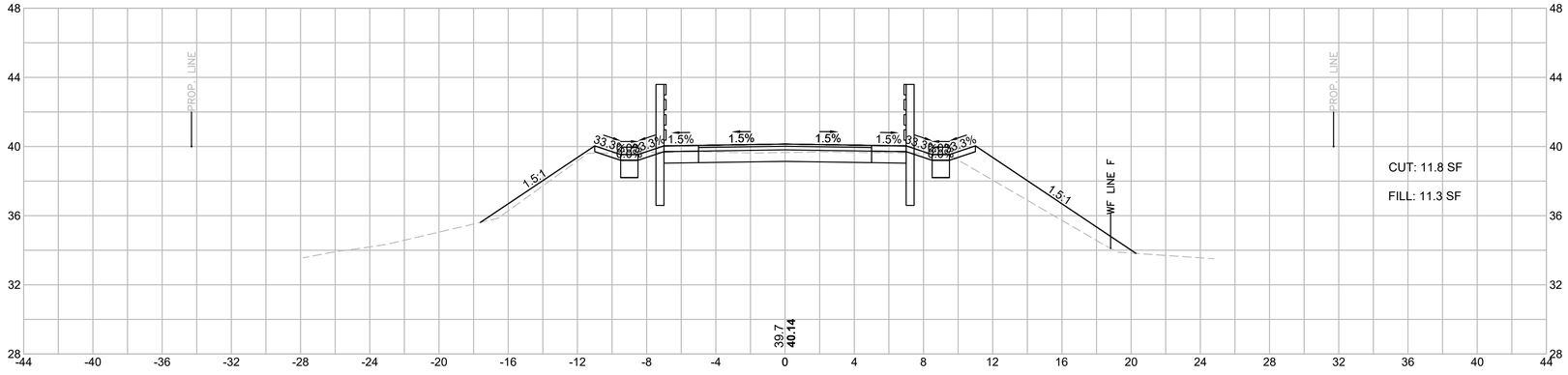
CROSS SECTIONS
SHEET 31 OF 151

607979_XSECT.DWG Plotted on 28-Sep-2017 3:43 PM

141+00



140+50



HOR. SCALE IN FEET
4 0 4 8
VER. SCALE IN FEET
4 0 4 8

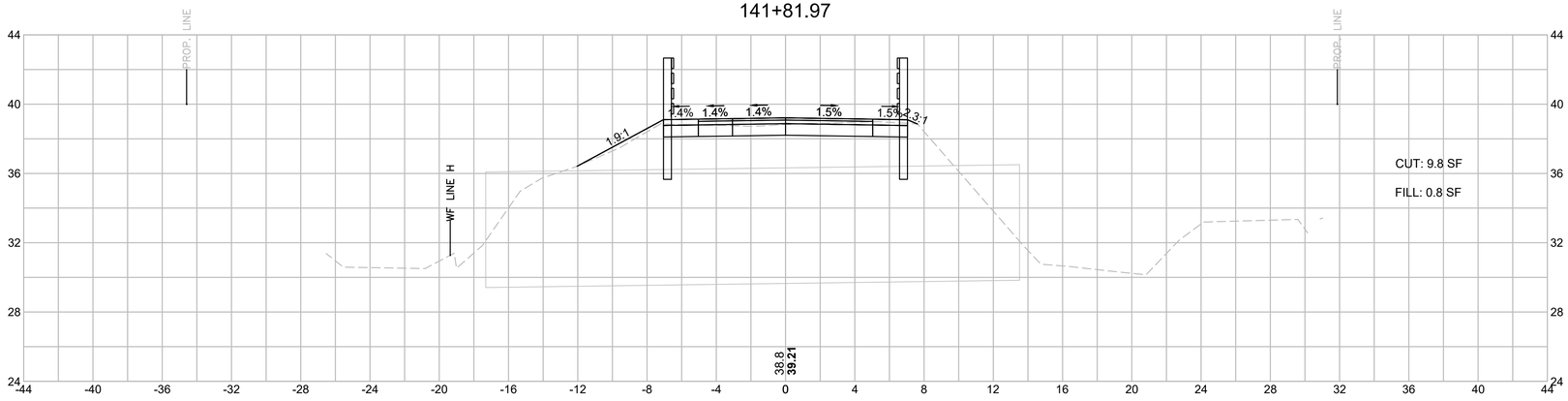
TOWN OF MARION
SHARED-USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	155	274
PROJECT FILE NO.	607979		

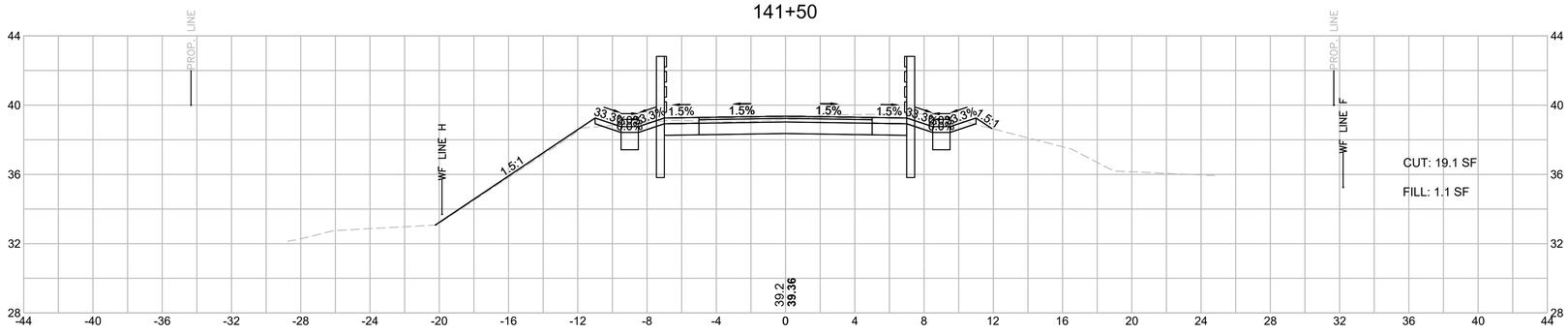
CROSS SECTIONS
SHEET 32 OF 151

607979_XSECT.DWG Plotted on 28-Sep-2017 3:43 PM

141+81.97



141+50



HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

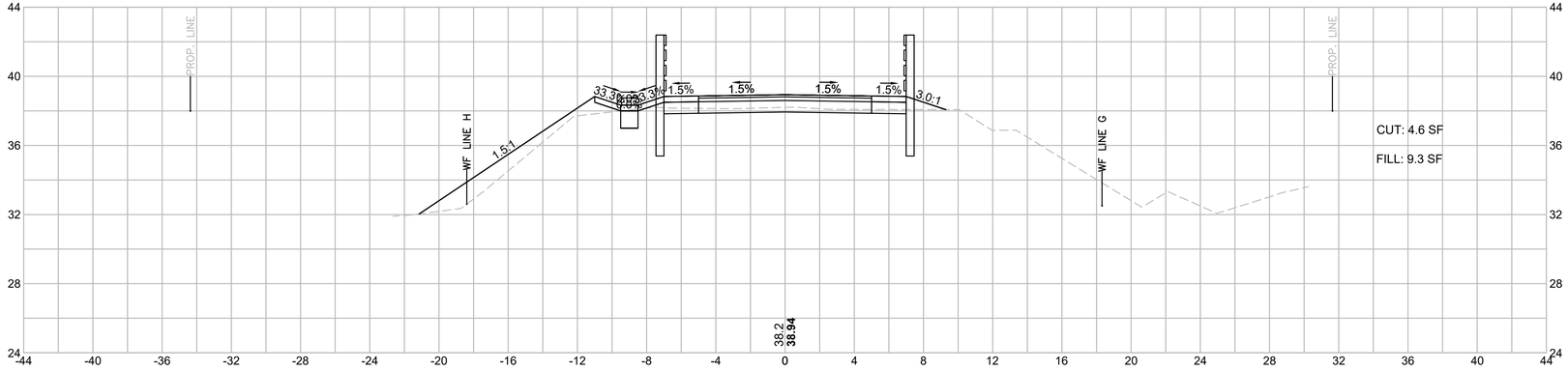
TOWN OF MARION
SHARED-USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	156	274
PROJECT FILE NO.	607979		

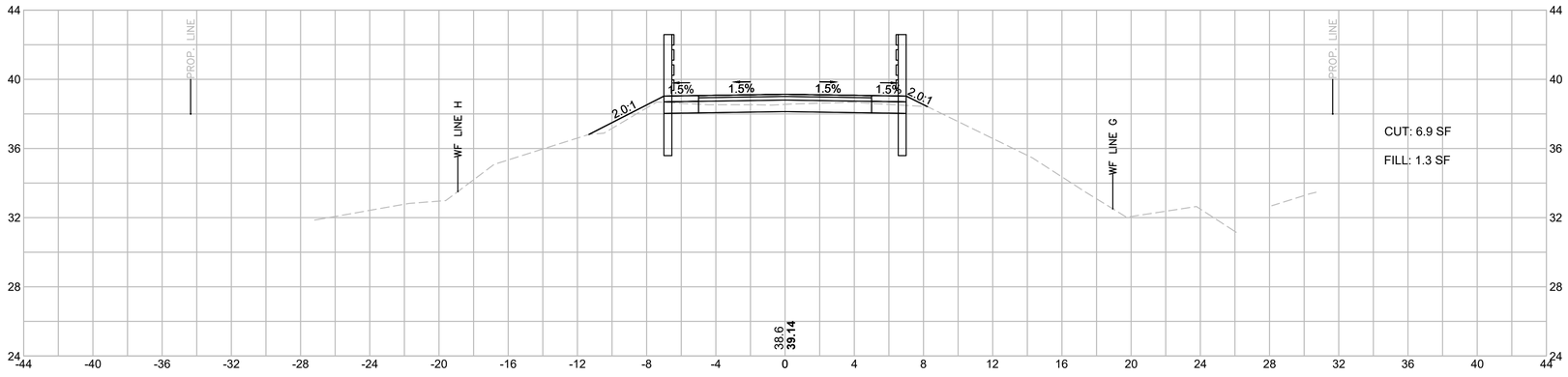
CROSS SECTIONS
SHEET 33 OF 151

607979_XSECT.DWG Plotted on 28-Sep-2017 3:43 PM

142+50



142+00



HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

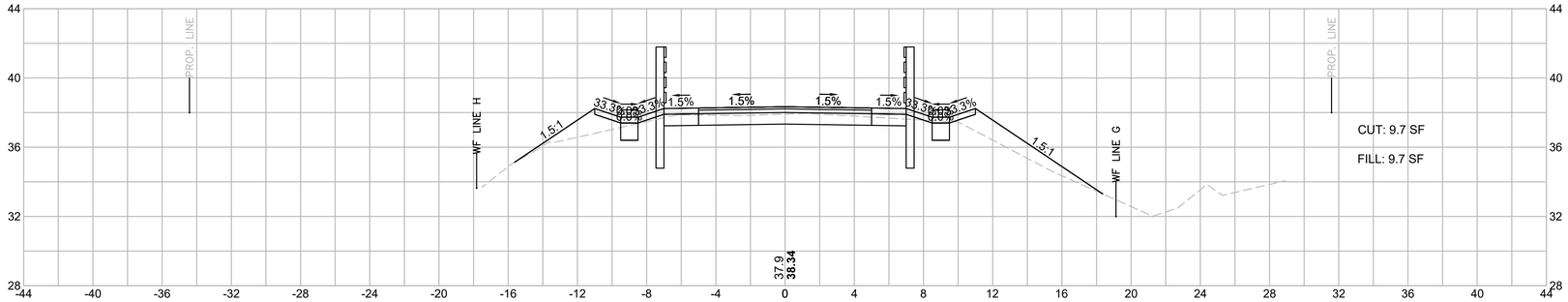
TOWN OF MARION
SHARED-USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	157	274
PROJECT FILE NO.	607979		

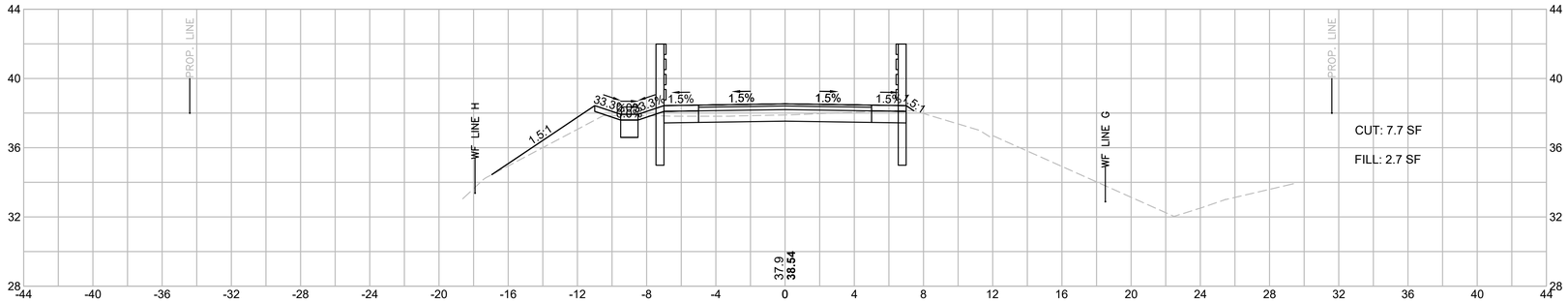
CROSS SECTIONS
SHEET 34 OF 151

607979_XSECT.DWG Plotted on 28-Sep-2017 3:43 PM

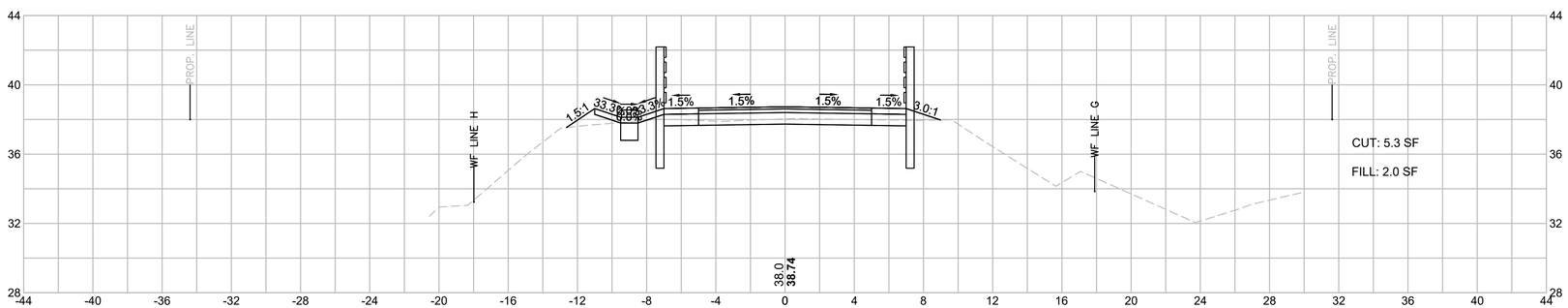
144+00



143+50



143+00



HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

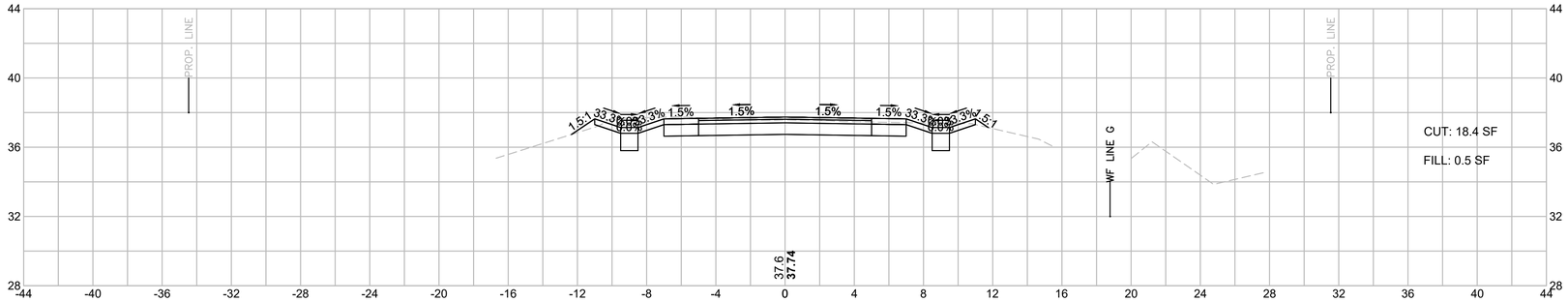
TOWN OF MARION
SHARED-USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	158	274
PROJECT FILE NO.	607979		

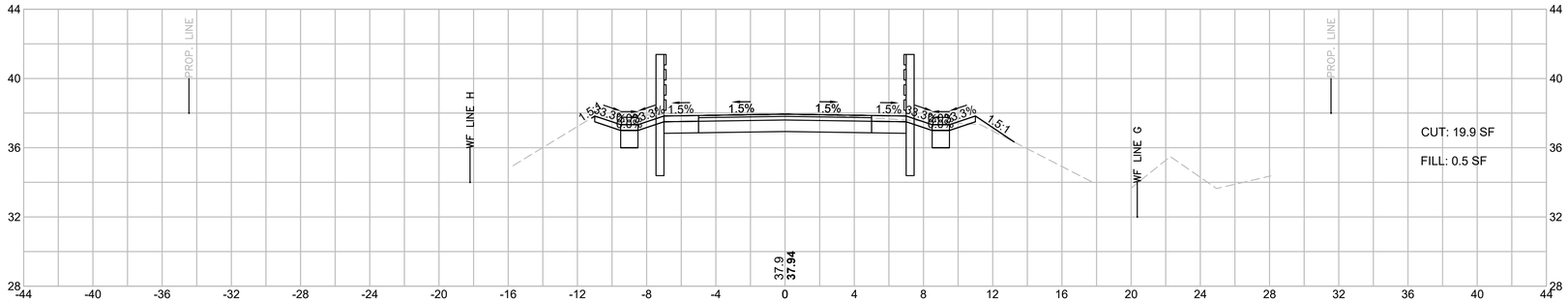
CROSS SECTIONS
SHEET 35 OF 151

607979_XSECT.DWG Plotted on 28-Sep-2017 3:43 PM

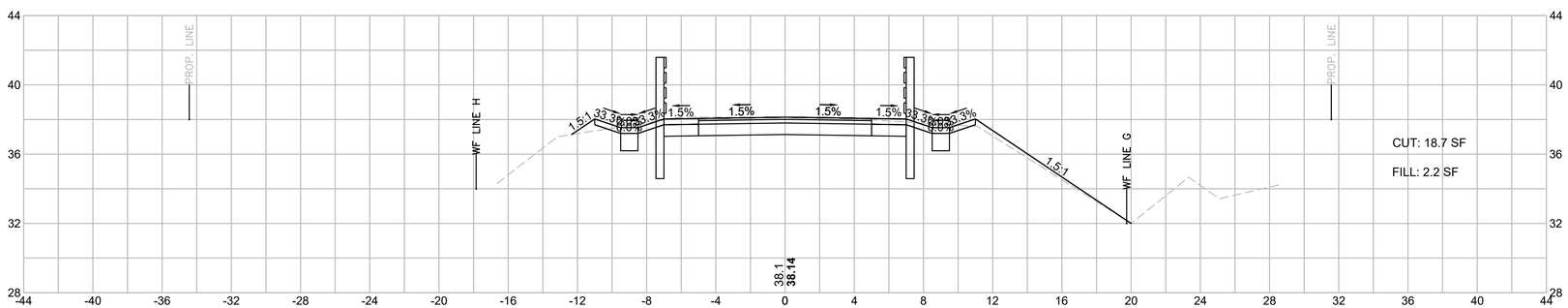
145+50



145+00



144+50



HOR. SCALE IN FEET
4 0 4 8
VER. SCALE IN FEET
4 0 4 8

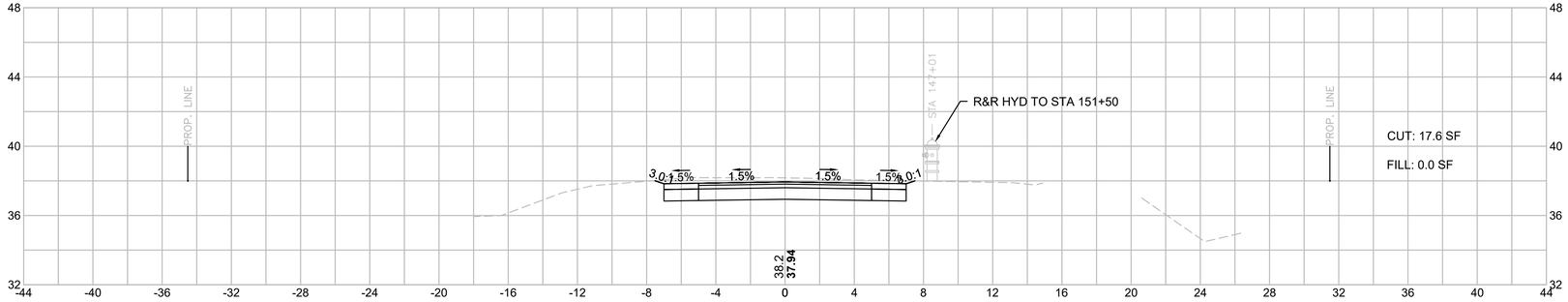
TOWN OF MARION
SHARED-USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	159	274
PROJECT FILE NO.	607979		

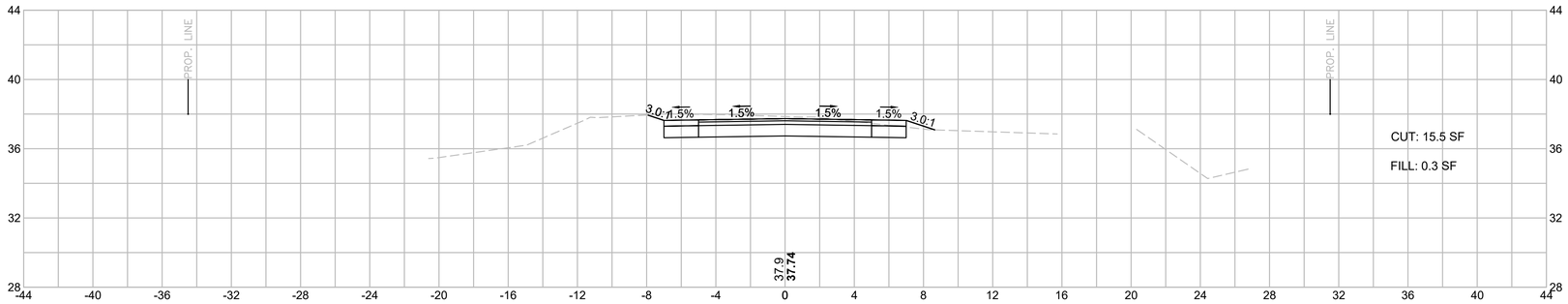
CROSS SECTIONS
SHEET 36 OF 151

607979_XSECT.DWG Plotted on 28-Sep-2017 3:43 PM

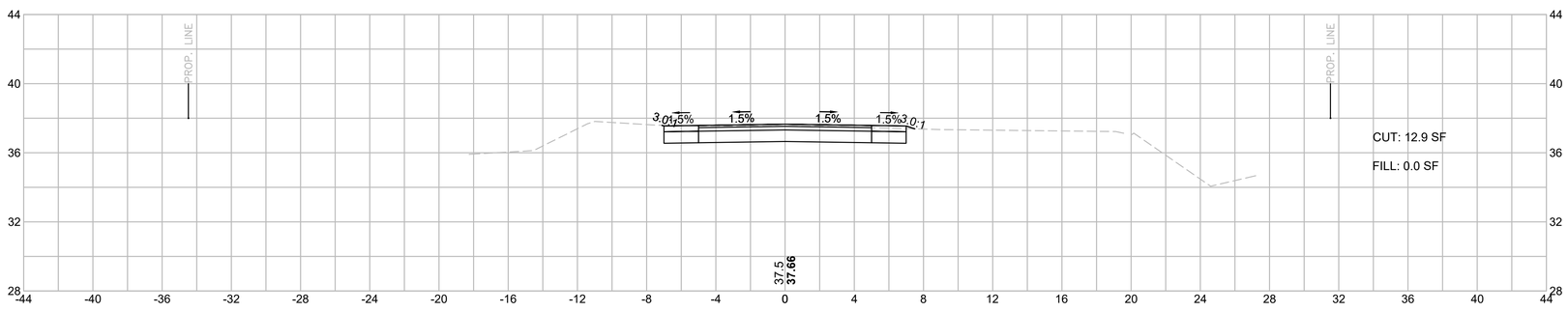
147+00



146+50



146+00



HOR. SCALE IN FEET
4 0 4 8
VER. SCALE IN FEET
4 0 4 8

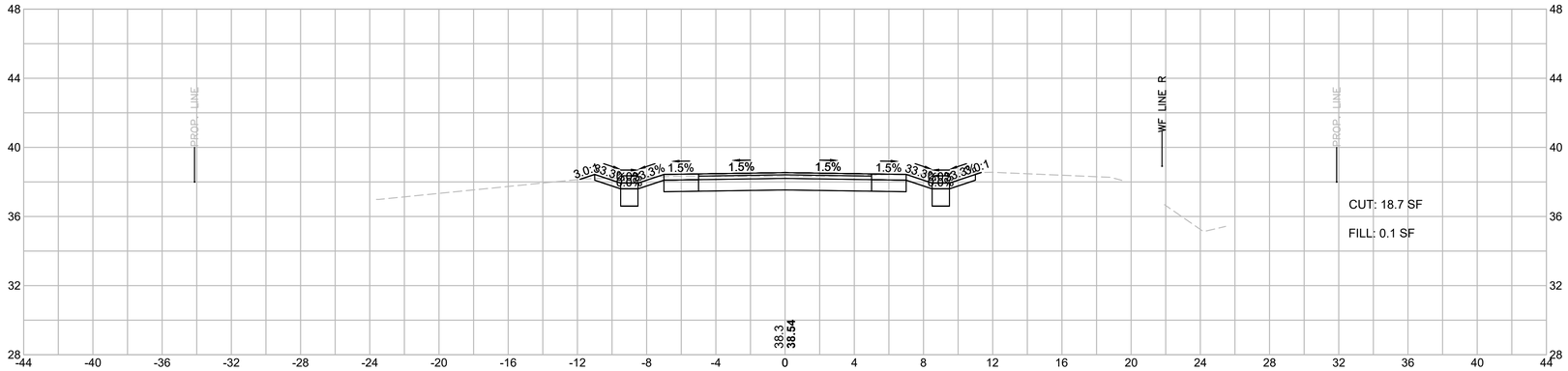
TOWN OF MARION
SHARED-USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	160	274
PROJECT FILE NO.	607979		

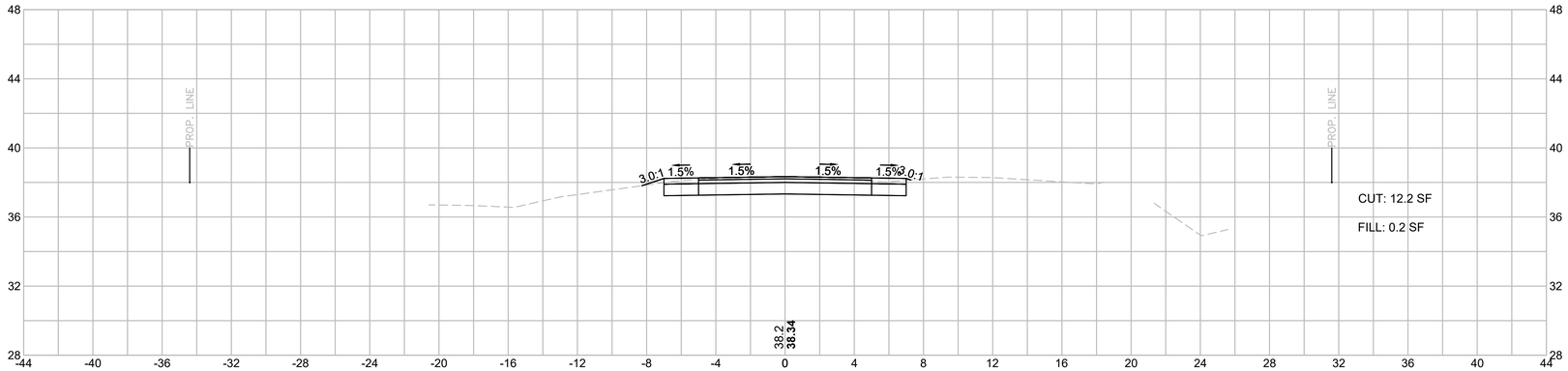
CROSS SECTIONS
SHEET 37 OF 151

607979_XSECT.DWG Plotted on 28-Sep-2017 3:43 PM

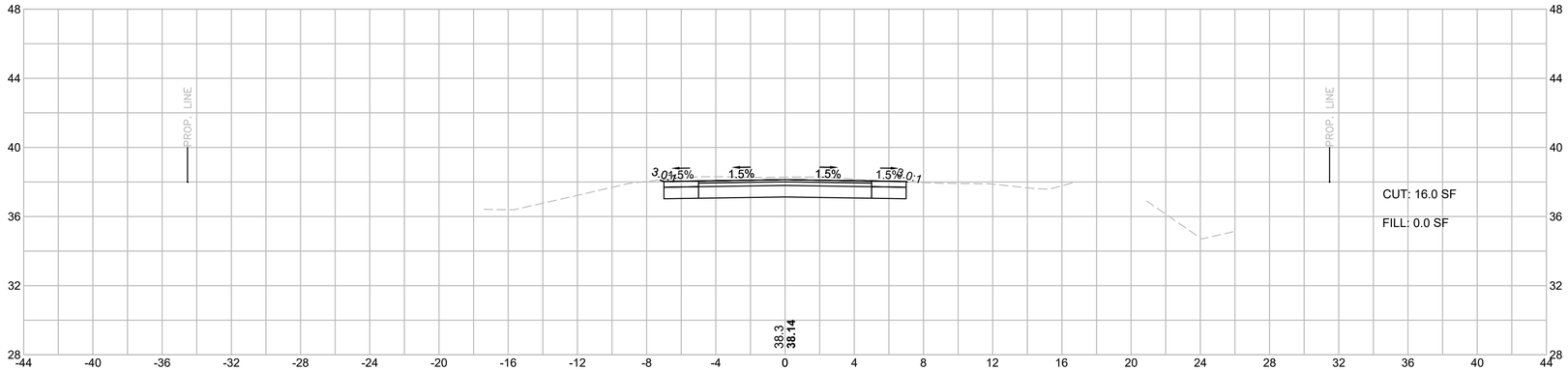
148+50



148+00



147+50



HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

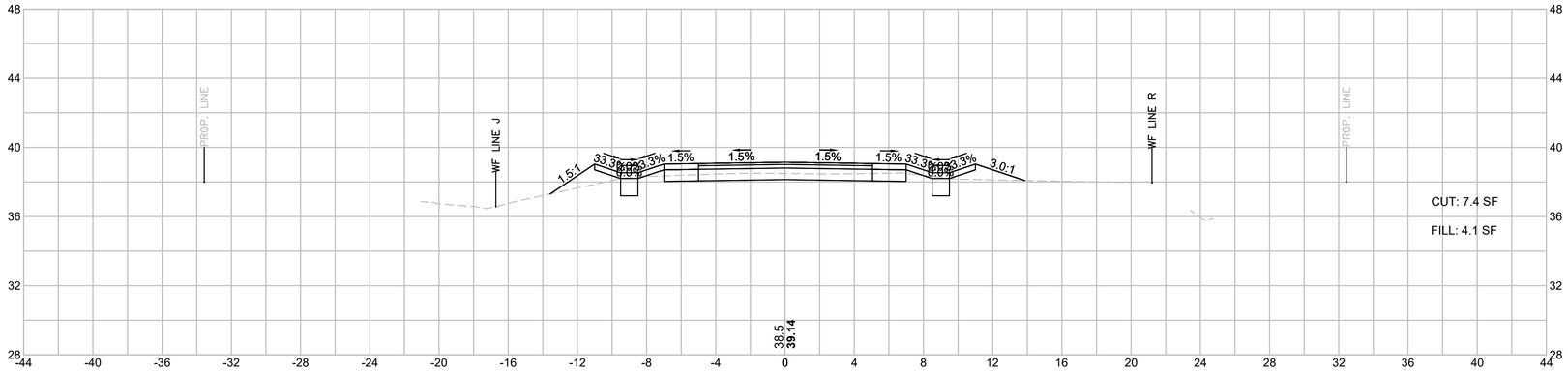
TOWN OF MARION
SHARED-USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	161	274
PROJECT FILE NO.	607979		

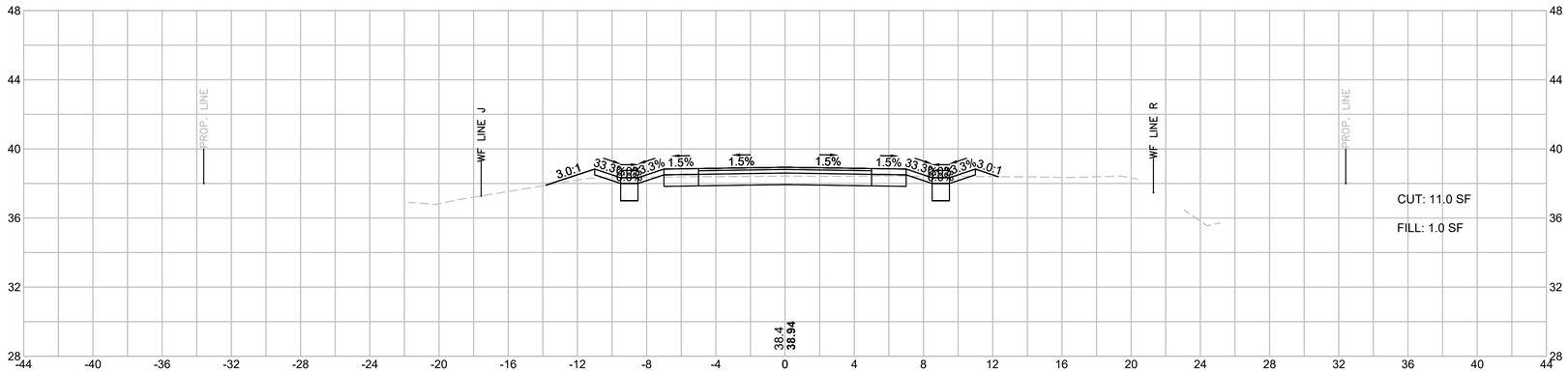
CROSS SECTIONS
SHEET 38 OF 151

607979_XSECT.DWG Plotted on 28-Sep-2017 3:43 PM

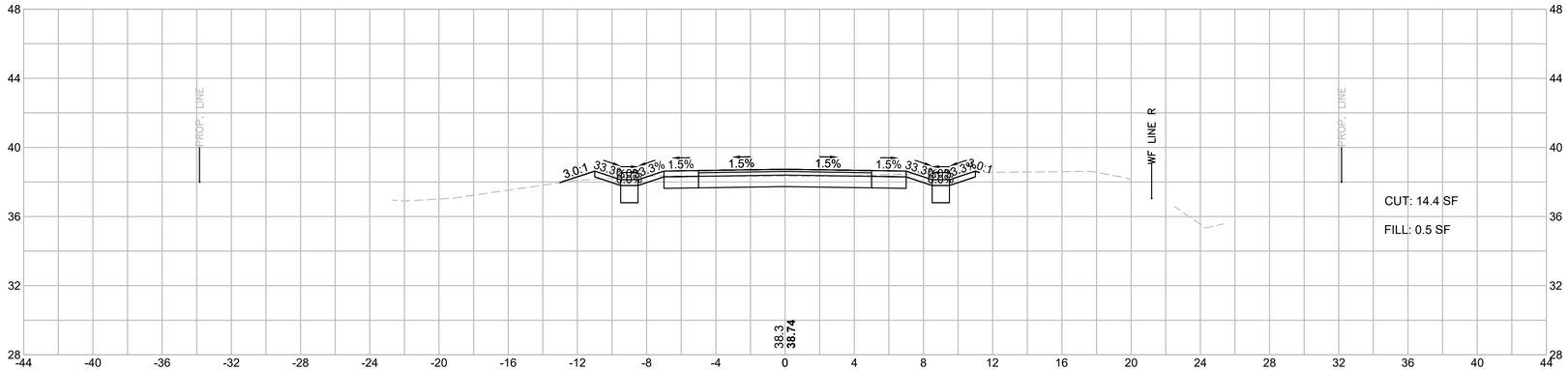
150+00



149+50



149+00



HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

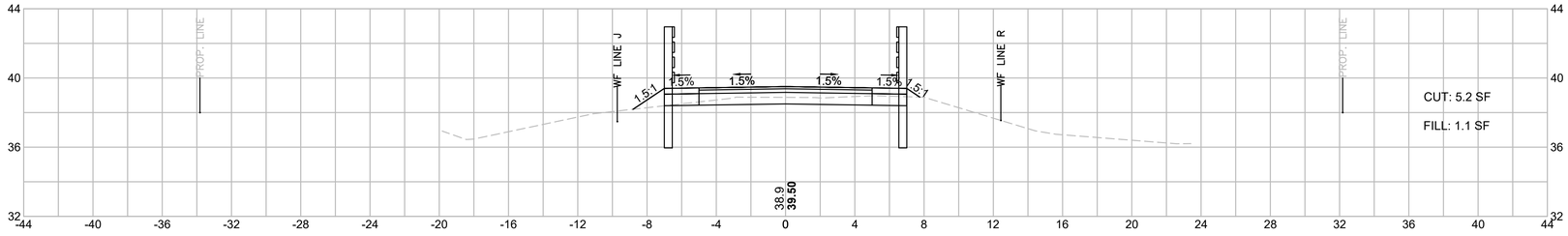
TOWN OF MARION
SHARED-USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	162	274
PROJECT FILE NO.	607979		

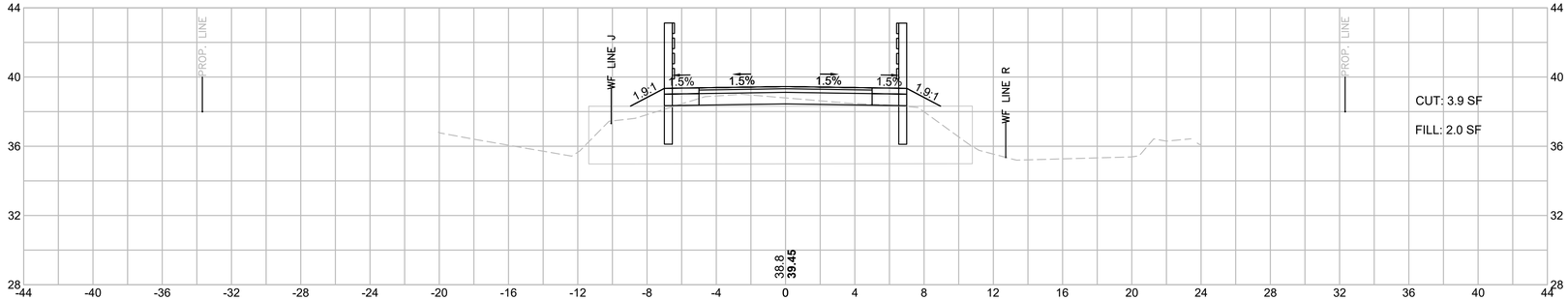
CROSS SECTIONS
SHEET 39 OF 151

607979_XSECT.DWG Plotted on 28-Sep-2017 3:43 PM

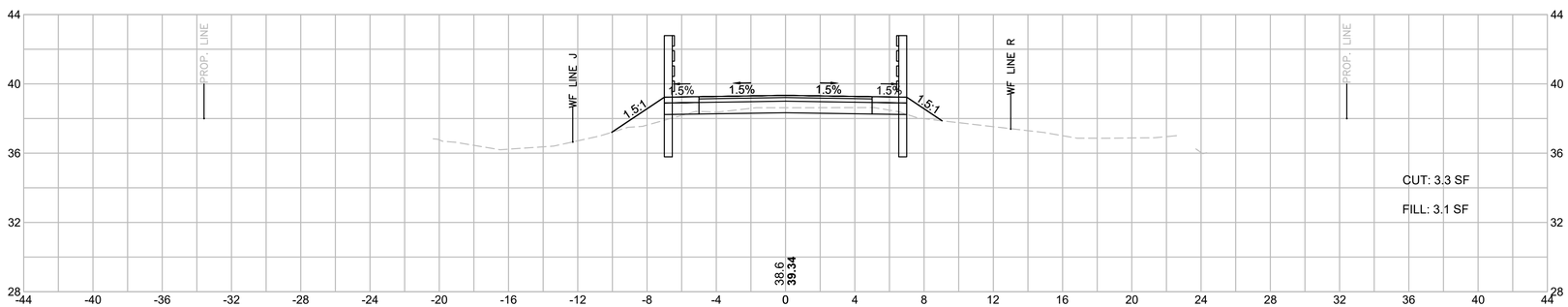
151+00



150+78.96



150+50



HOR. SCALE IN FEET
4 0 4 8
VER. SCALE IN FEET
4 0 4 8

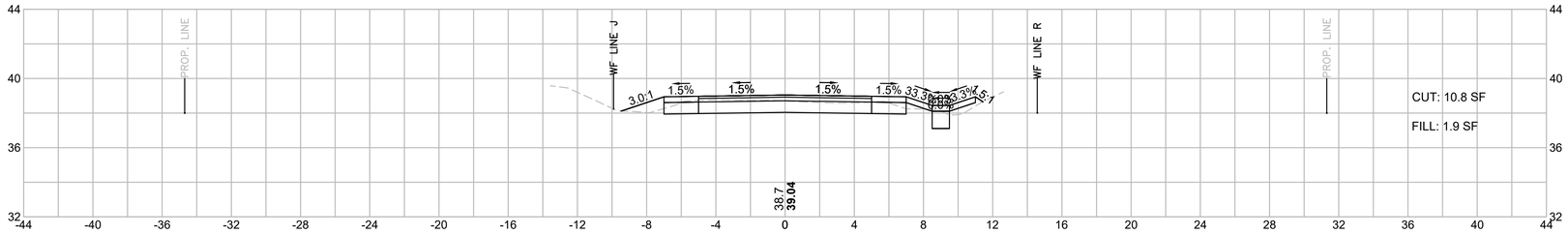
TOWN OF MARION
SHARED-USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	163	274
PROJECT FILE NO.	607979		

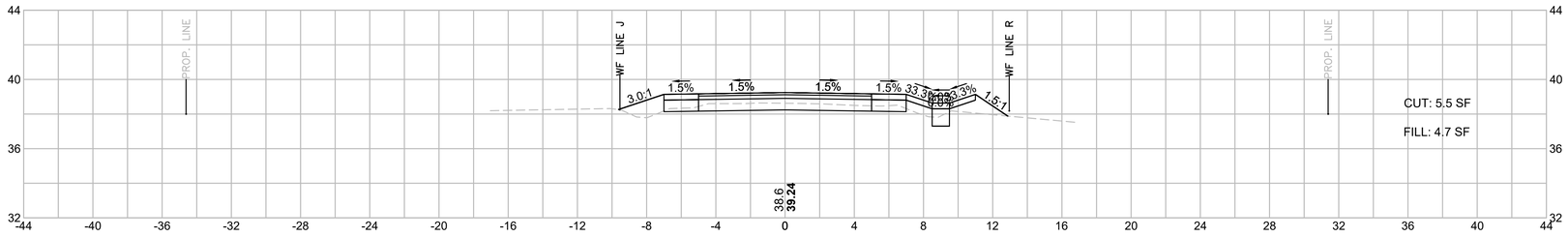
CROSS SECTIONS
SHEET 40 OF 151

607979_XSECT.DWG Plotted on 28-Sep-2017 3:43 PM

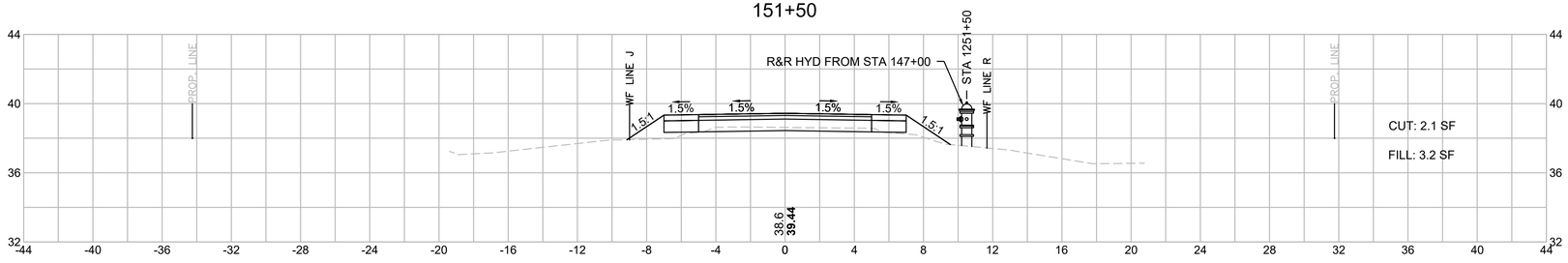
152+50



152+00



151+50



HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

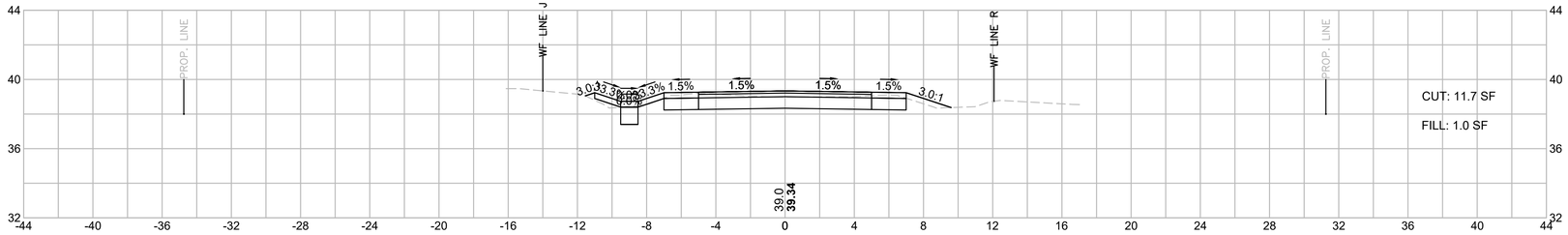
TOWN OF MARION
SHARED-USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	164	274
PROJECT FILE NO.	607979		

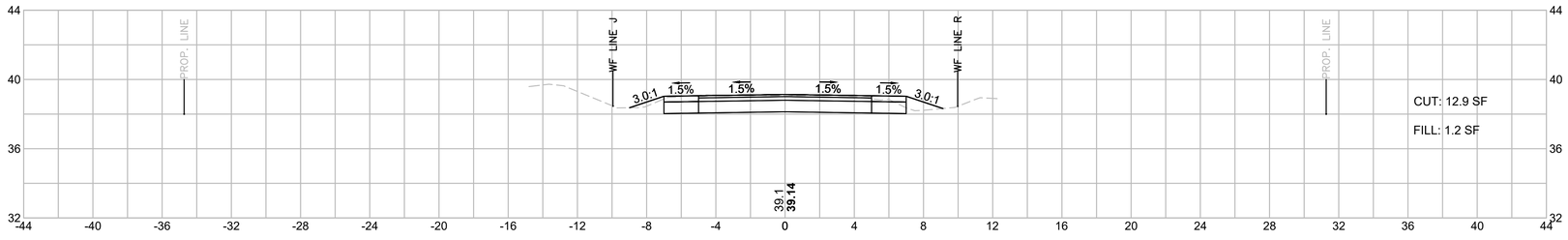
CROSS SECTIONS
SHEET 41 OF 151

607979_XSECT.DWG Plotted on 28-Sep-2017 3:43 PM

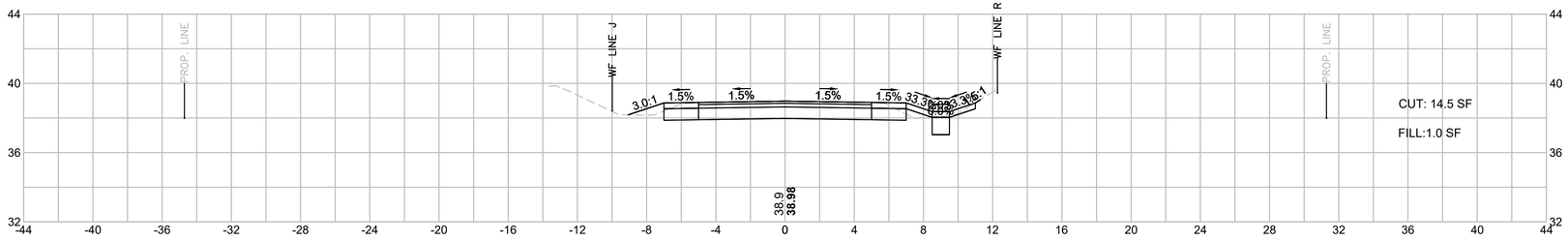
154+00



153+50



153+00



HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

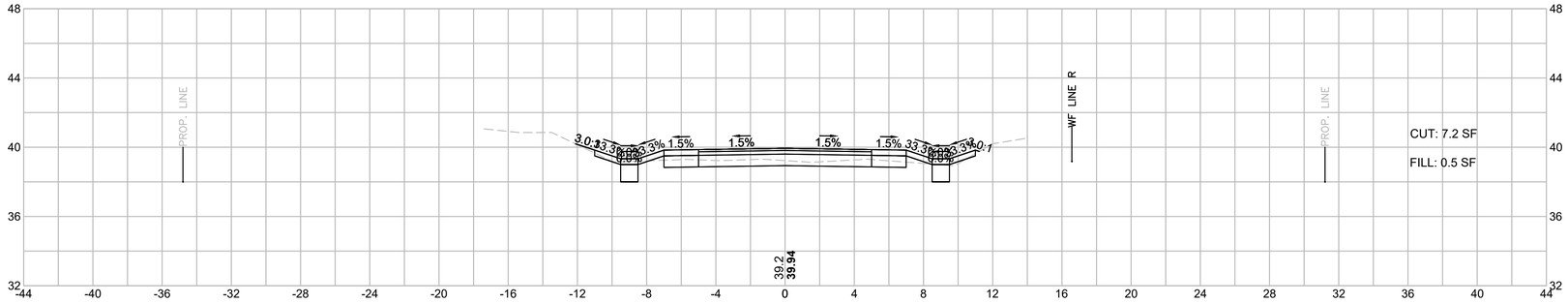
TOWN OF MARION
SHARED-USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	165	274
PROJECT FILE NO.	607979		

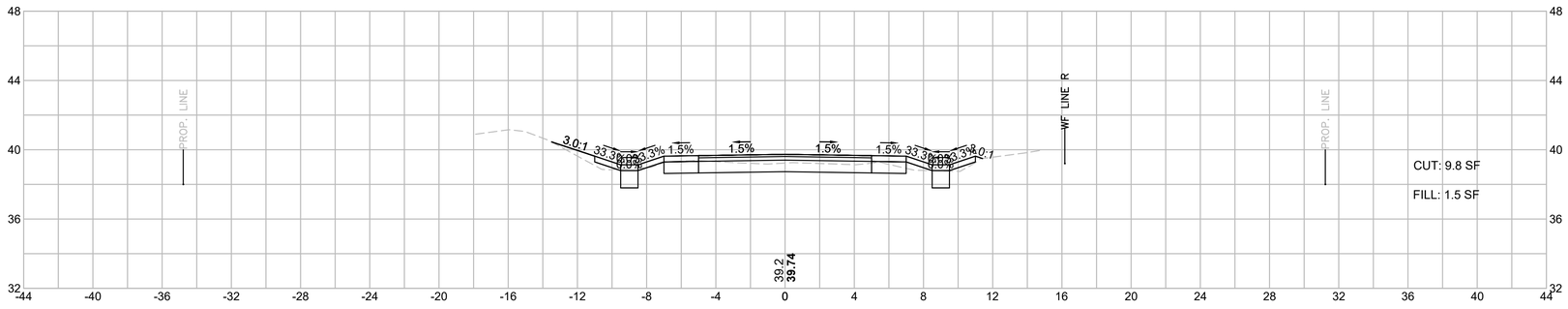
CROSS SECTIONS
SHEET 42 OF 151

607979_XSECT.DWG Plotted on 28-Sep-2017 3:43 PM

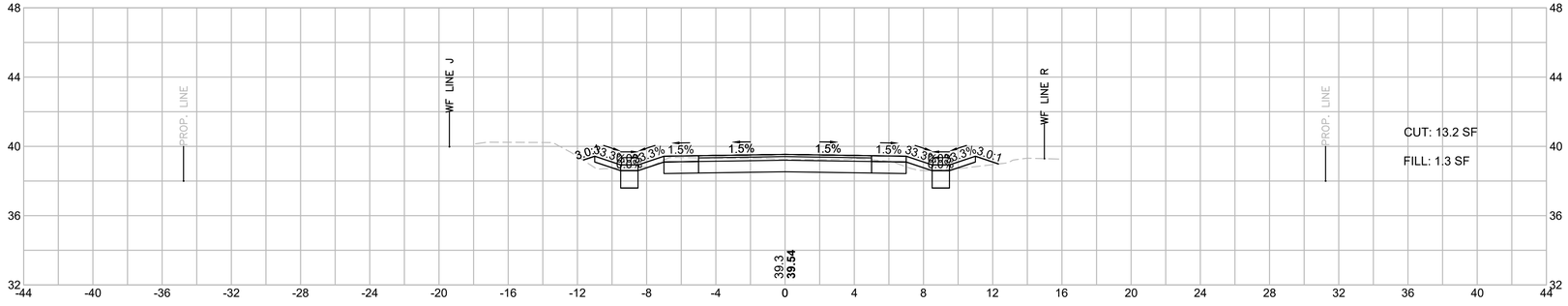
155+50



155+00



154+50



HOR. SCALE IN FEET
4 0 4 8
VER. SCALE IN FEET
4 0 4 8

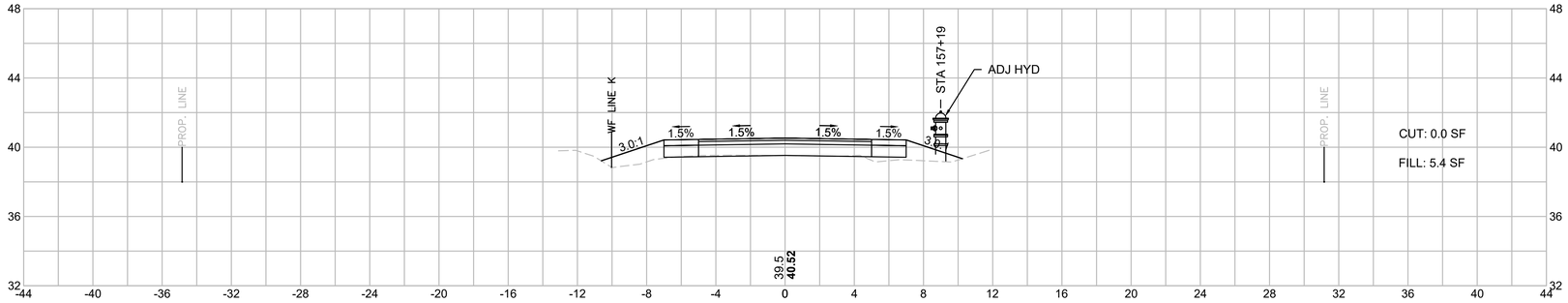
TOWN OF MARION
SHARED-USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	166	274
PROJECT FILE NO.	607979		

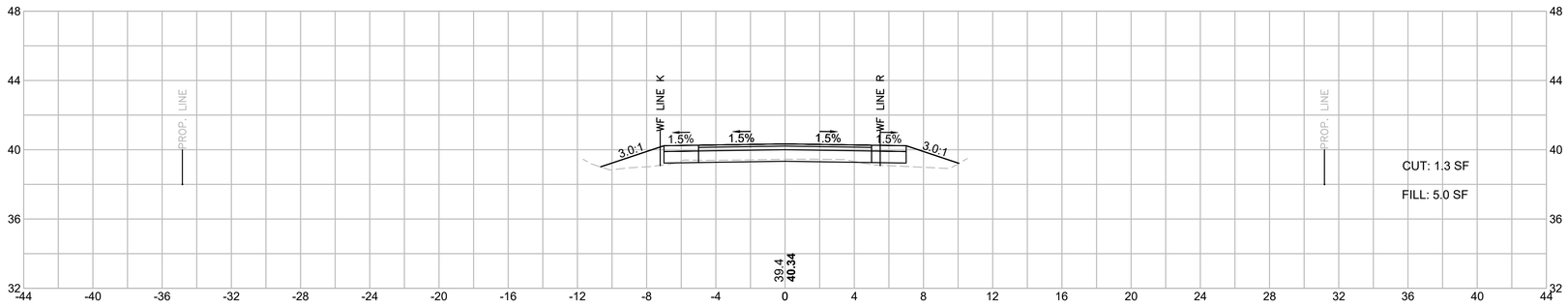
CROSS SECTIONS
SHEET 43 OF 151

607979_XSECT.DWG Plotted on 28-Sep-2017 3:43 PM

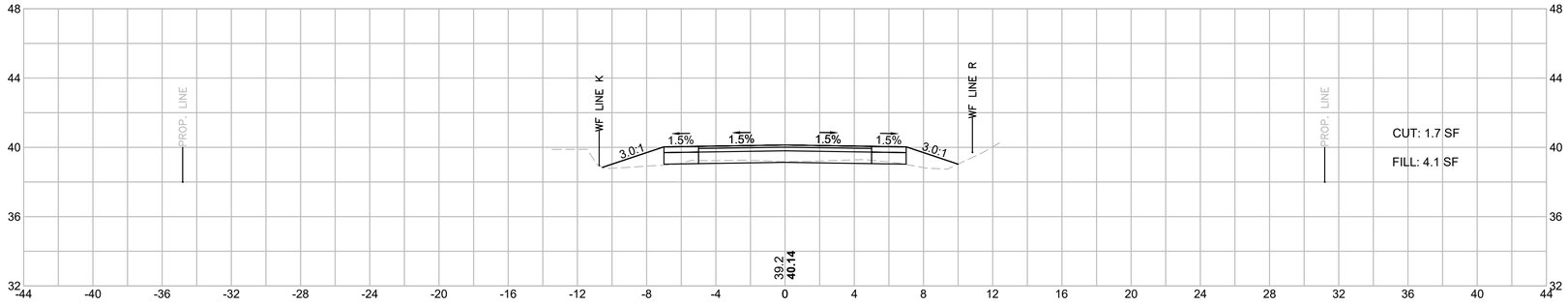
157+00



156+50



156+00



HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

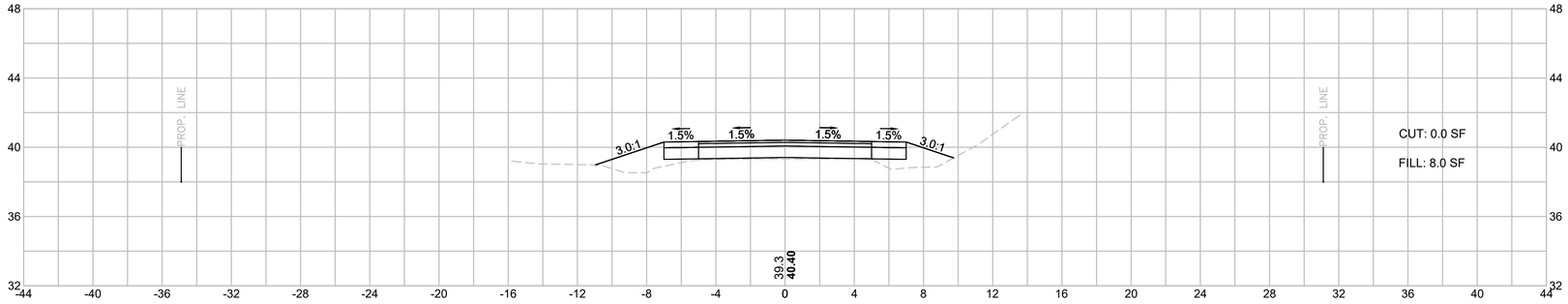
TOWN OF MARION
SHARED-USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	167	274
PROJECT FILE NO.	607979		

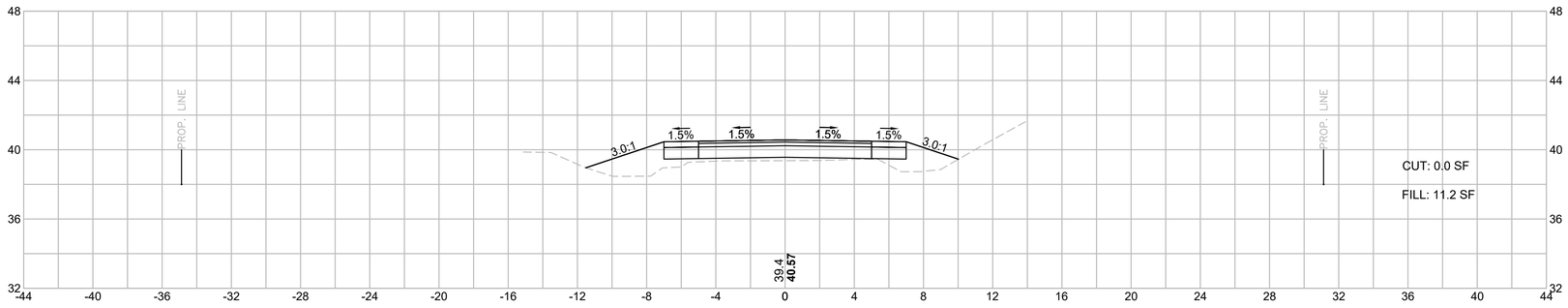
CROSS SECTIONS
SHEET 44 OF 151

607979_XSECT.DWG Plotted on 28-Sep-2017 3:43 PM

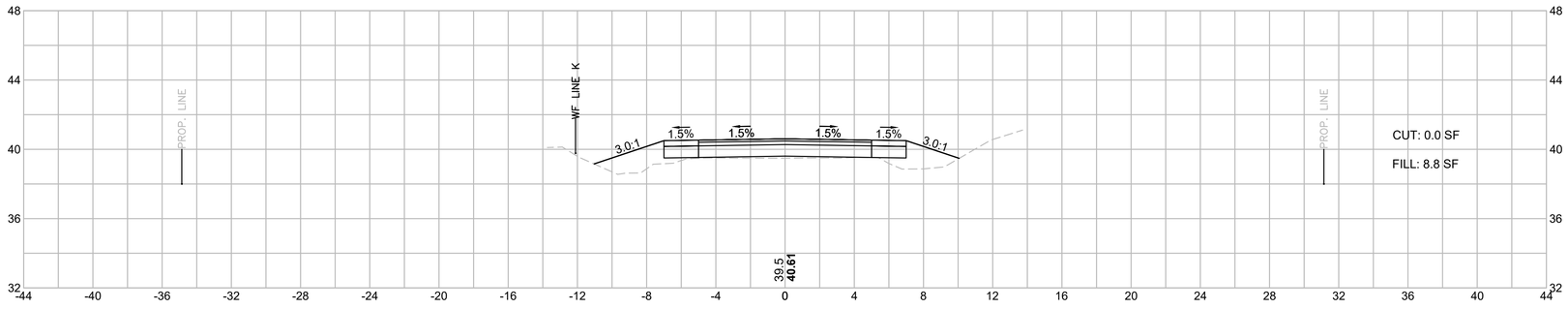
158+50



158+00



157+50



HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

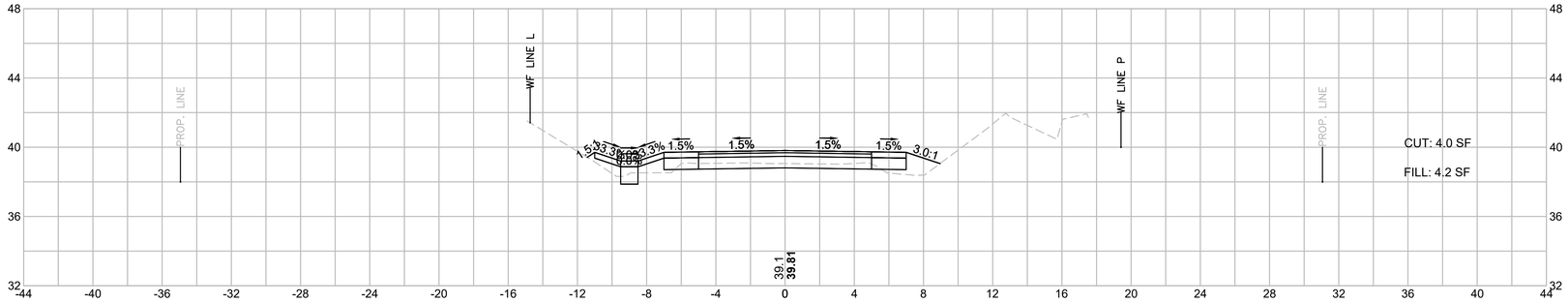
TOWN OF MARION
SHARED-USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	168	274
PROJECT FILE NO.	607979		

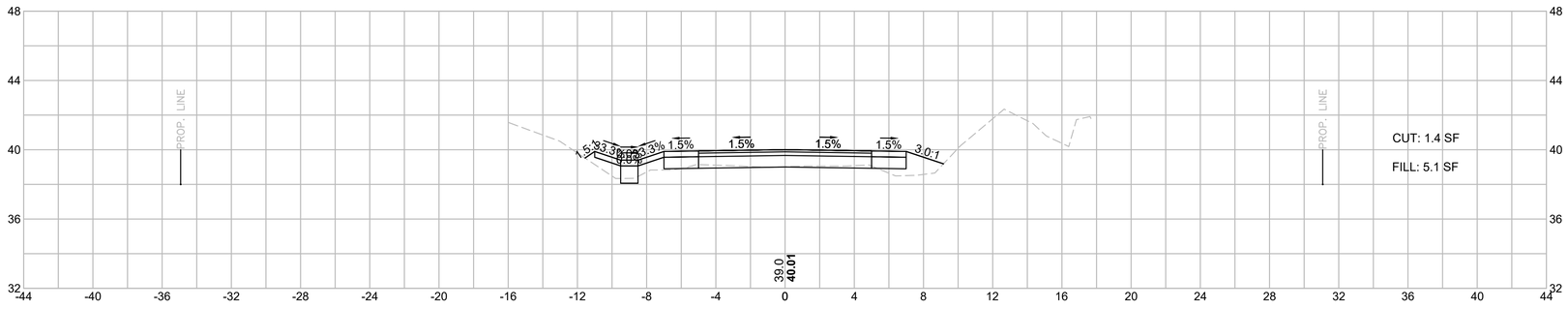
CROSS SECTIONS
SHEET 45 OF 151

607979_XSECT.DWG Plotted on 28-Sep-2017 3:43 PM

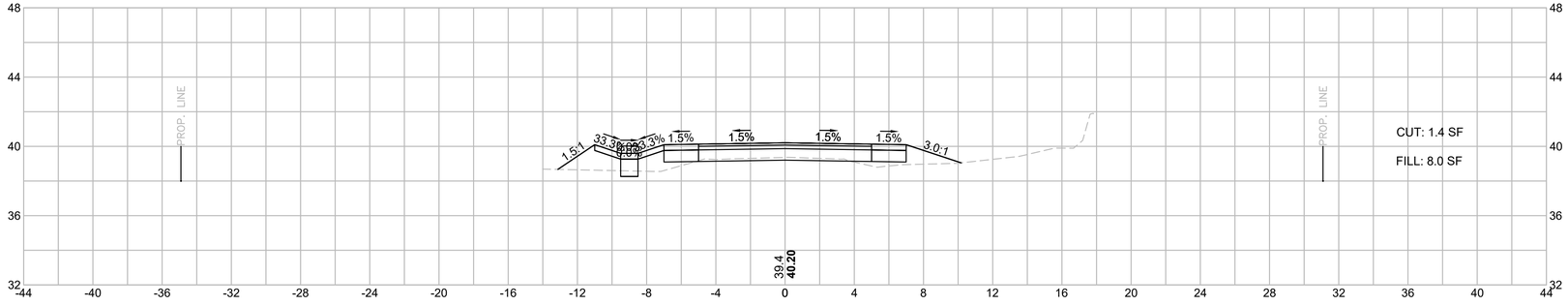
160+00



159+50



159+00



HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

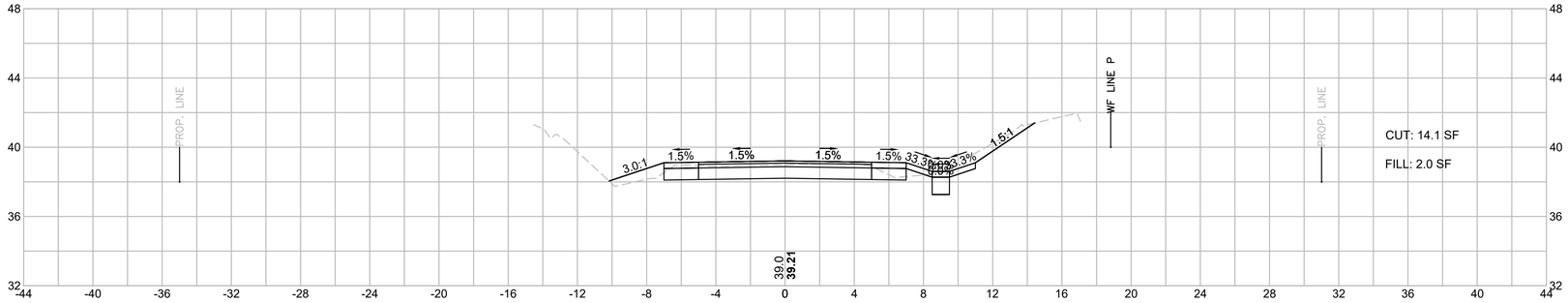
TOWN OF MARION
SHARED-USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	169	274
PROJECT FILE NO.	607979		

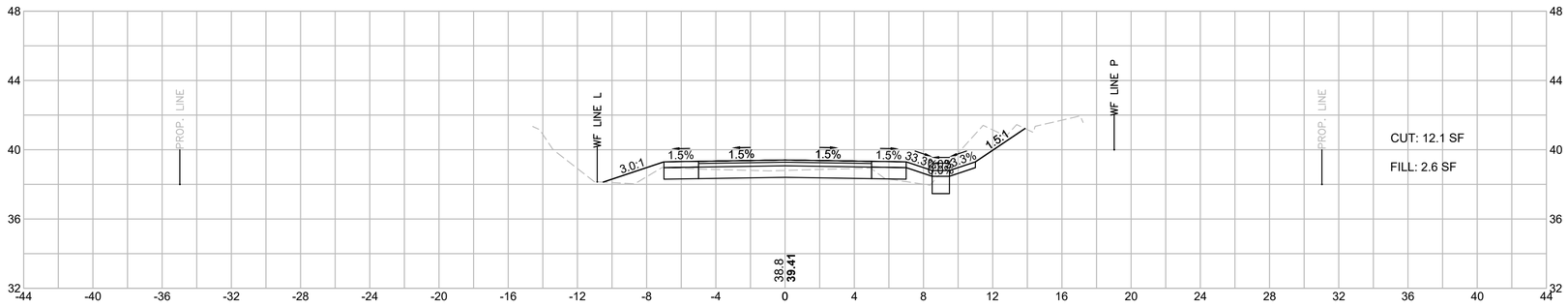
CROSS SECTIONS
SHEET 46 OF 151

607979_XSECT.DWG Plotted on 28-Sep-2017 3:43 PM

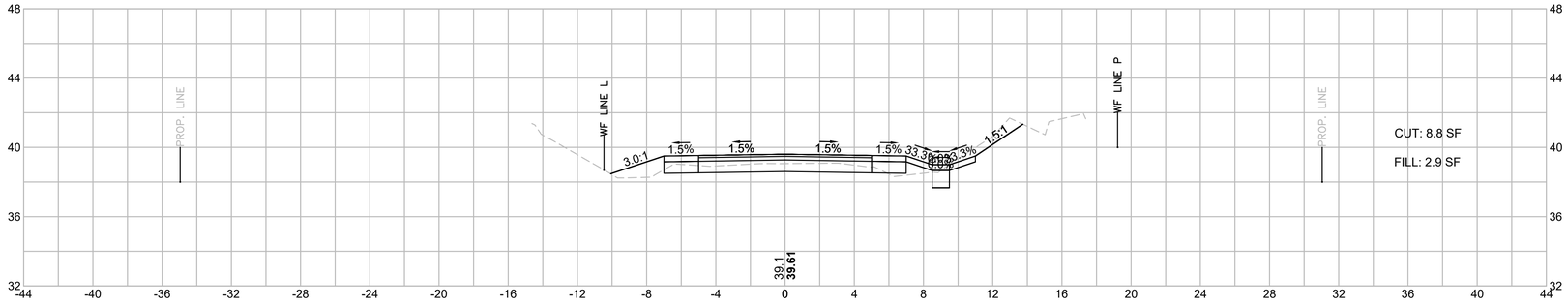
161+50



161+00



160+50



HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

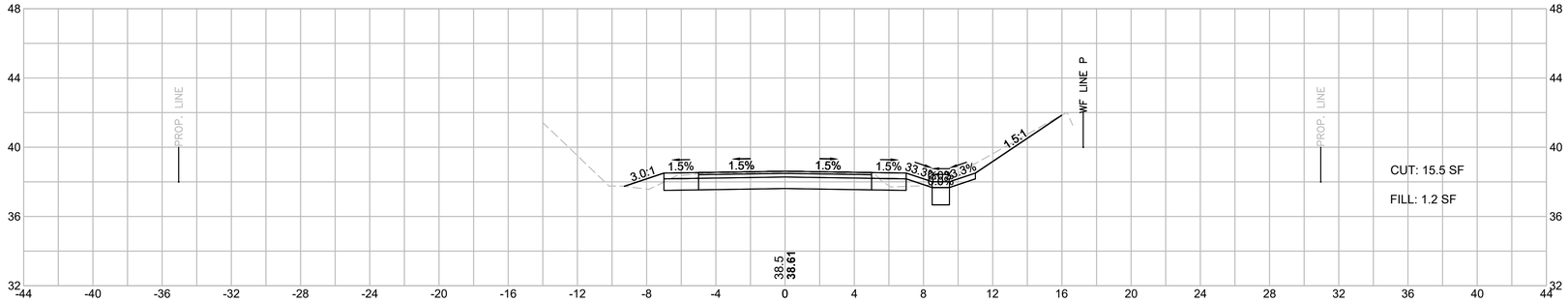
TOWN OF MARION
SHARED-USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	170	274
PROJECT FILE NO.	607979		

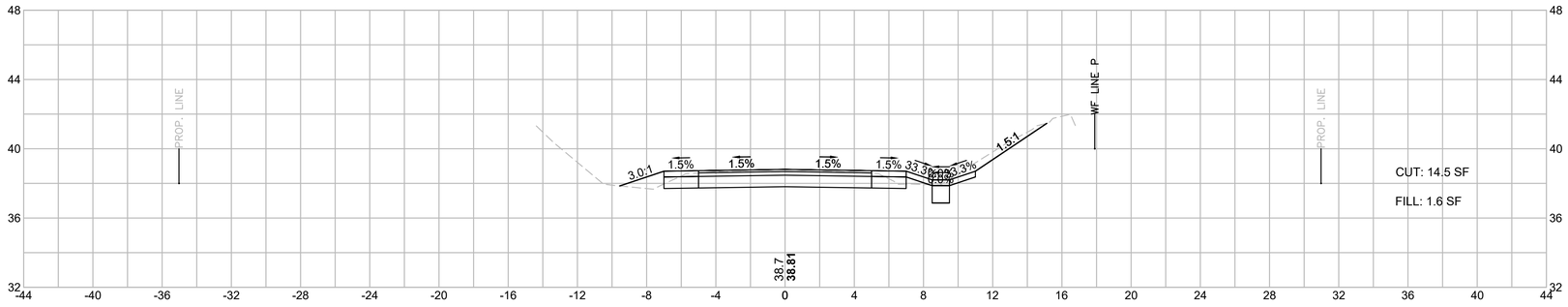
CROSS SECTIONS
SHEET 47 OF 151

607979_XSECT.DWG Plotted on 28-Sep-2017 3:43 PM

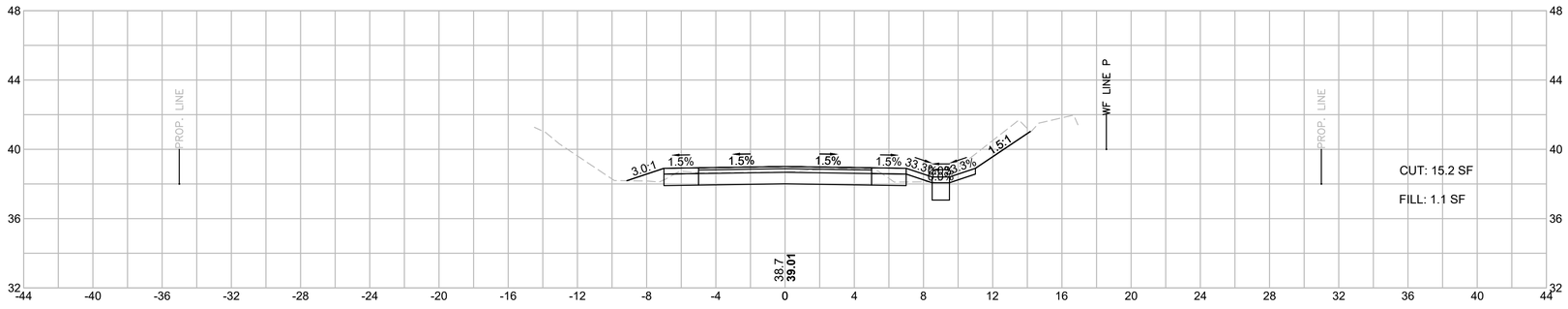
163+00



162+50



162+00



HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

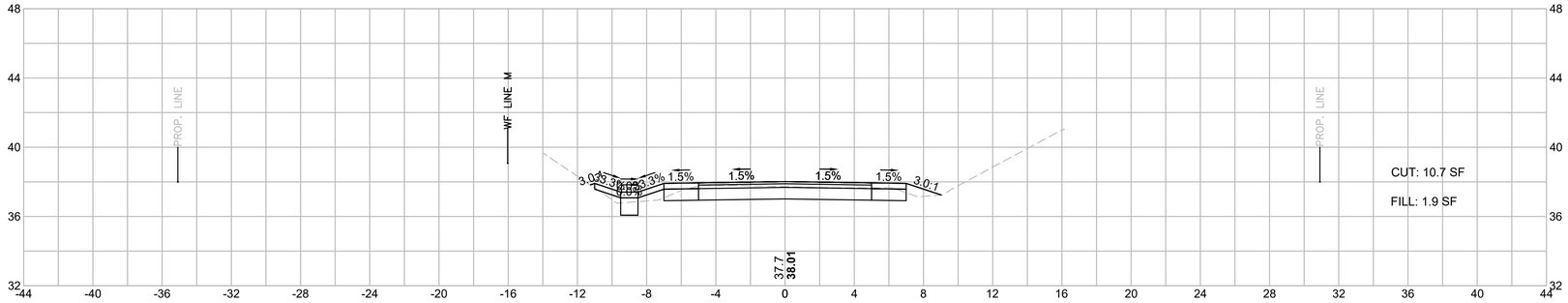
TOWN OF MARION
SHARED-USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	171	274
PROJECT FILE NO.	607979		

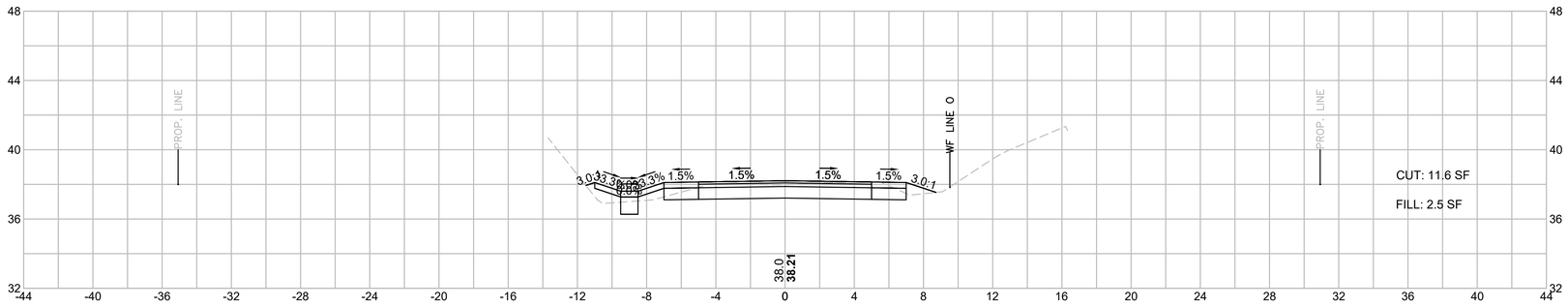
CROSS SECTIONS
SHEET 48 OF 151

607979_XSECT.DWG Plotted on 28-Sep-2017 3:43 PM

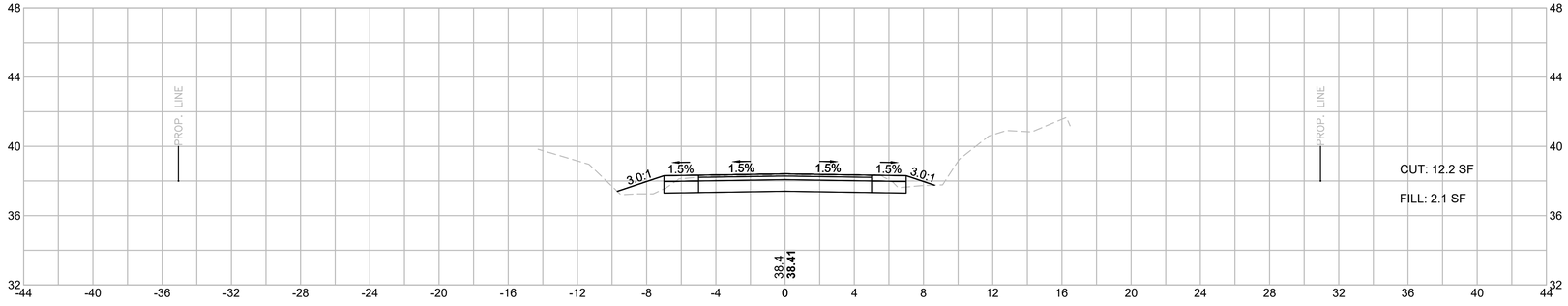
164+50



164+00



163+50



HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

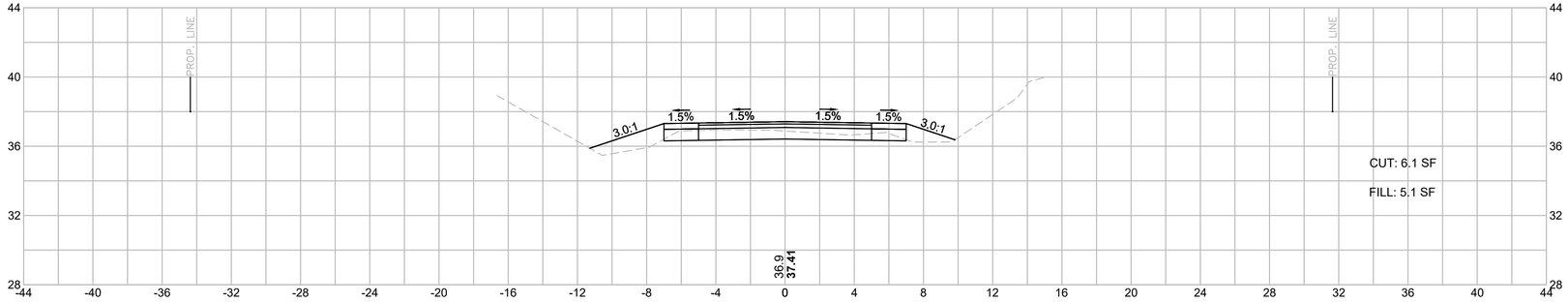
TOWN OF MARION
SHARED-USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	172	274
PROJECT FILE NO.	607979		

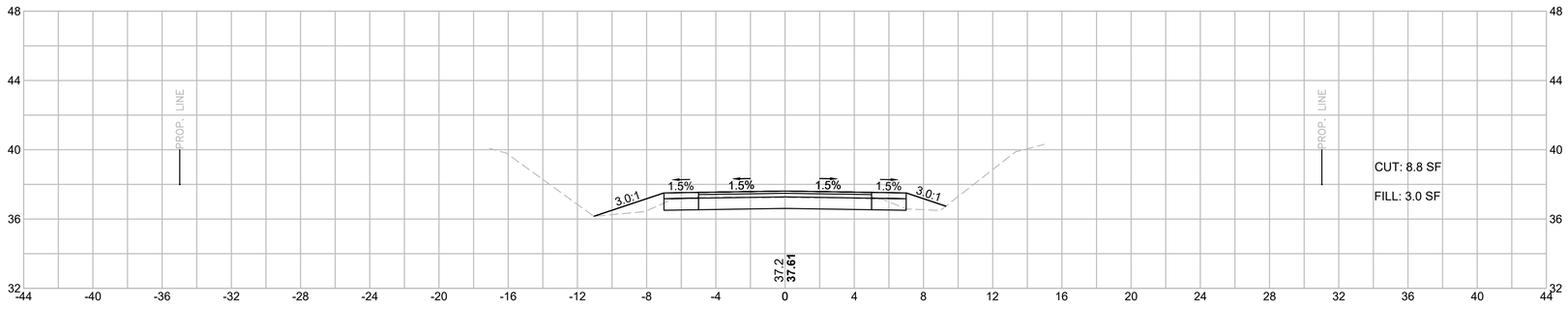
CROSS SECTIONS
SHEET 49 OF 151

607979_XSECT.DWG Plotted on 28-Sep-2017 3:43 PM

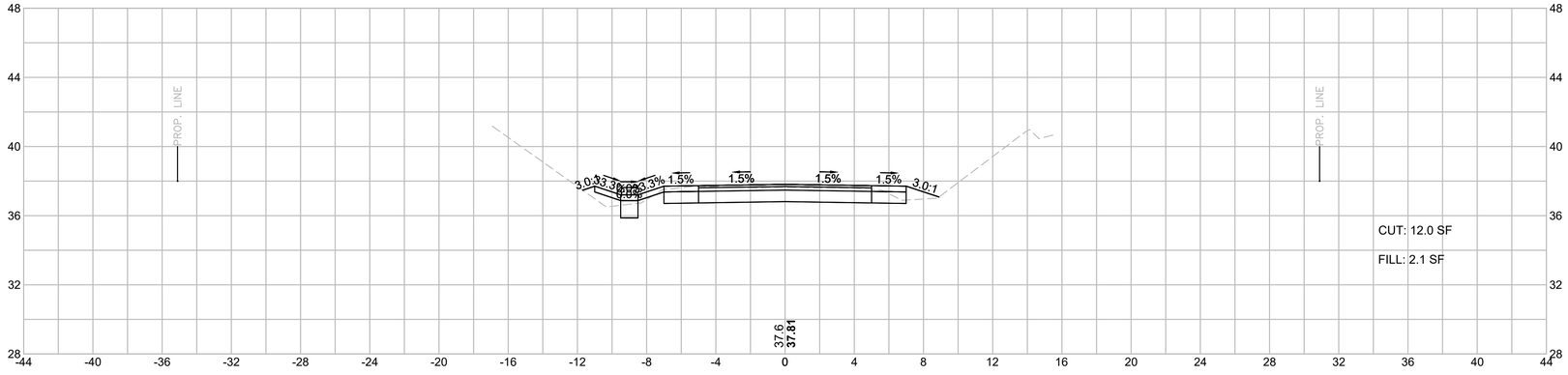
166+00



165+50



165+00



HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

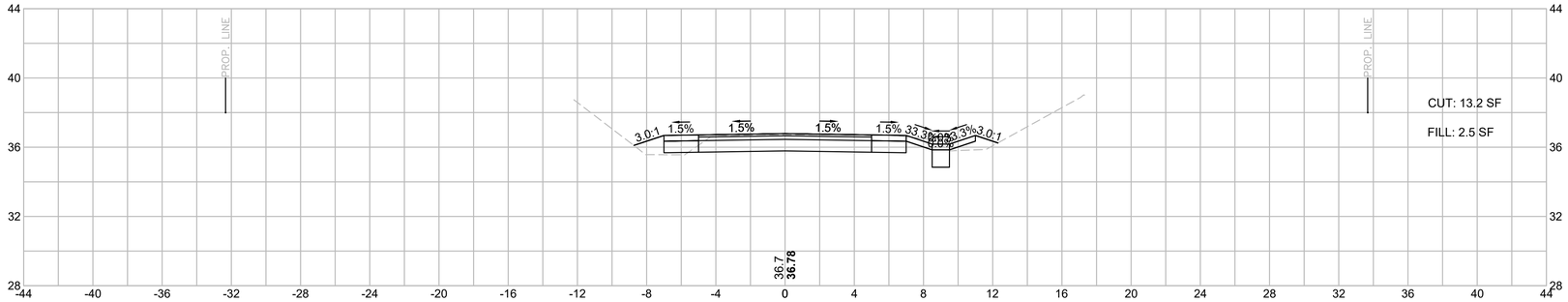
TOWN OF MARION
SHARED-USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	173	274
PROJECT FILE NO.	607979		

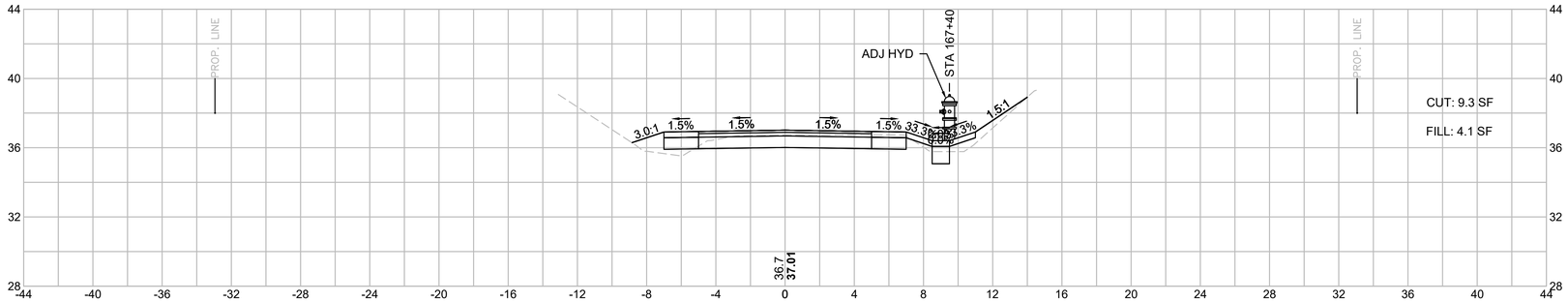
CROSS SECTIONS
SHEET 50 OF 151

607979_XSECT.DWG Plotted on 28-Sep-2017 3:43 PM

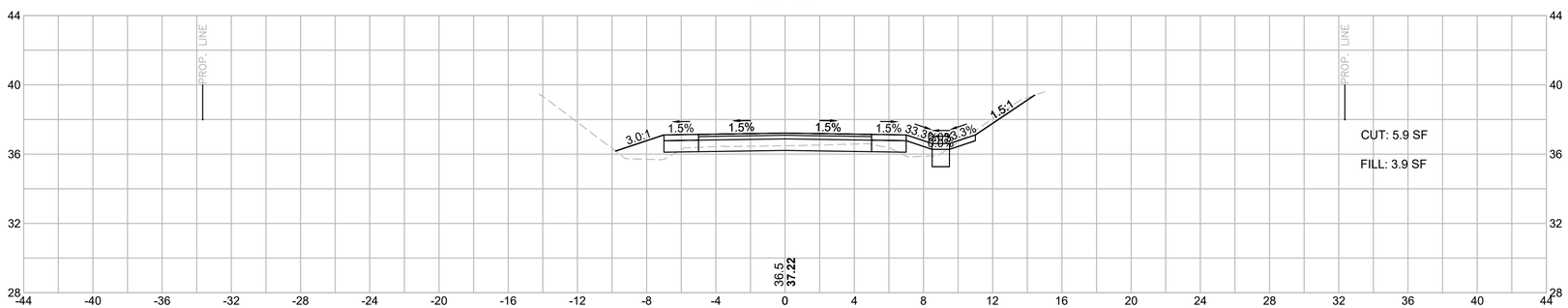
167+50



167+00



166+50



HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

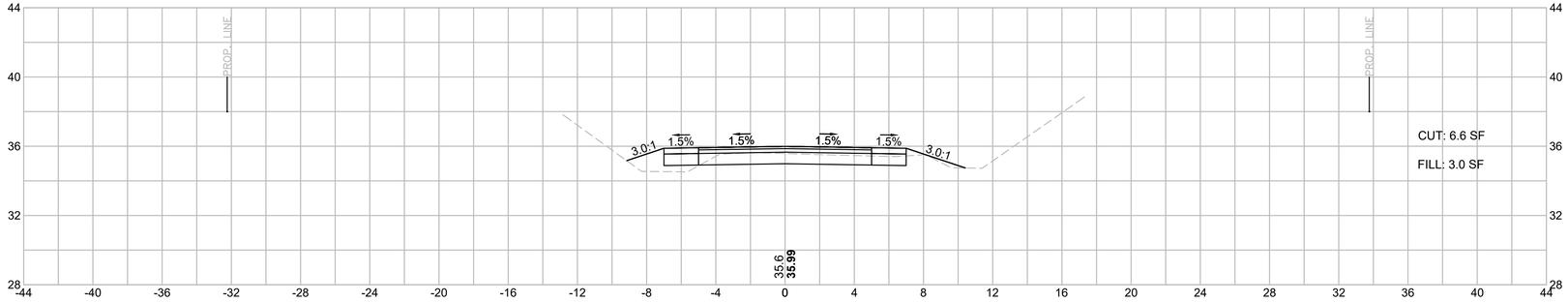
TOWN OF MARION
SHARED-USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	174	274
PROJECT FILE NO.	607979		

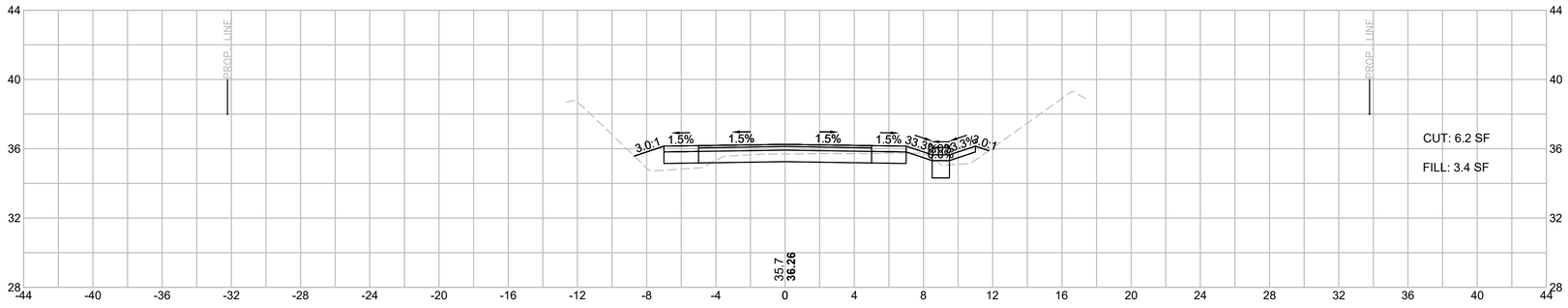
CROSS SECTIONS
SHEET 51 OF 151

607979_XSECT.DWG Plotted on 28-Sep-2017 3:43 PM

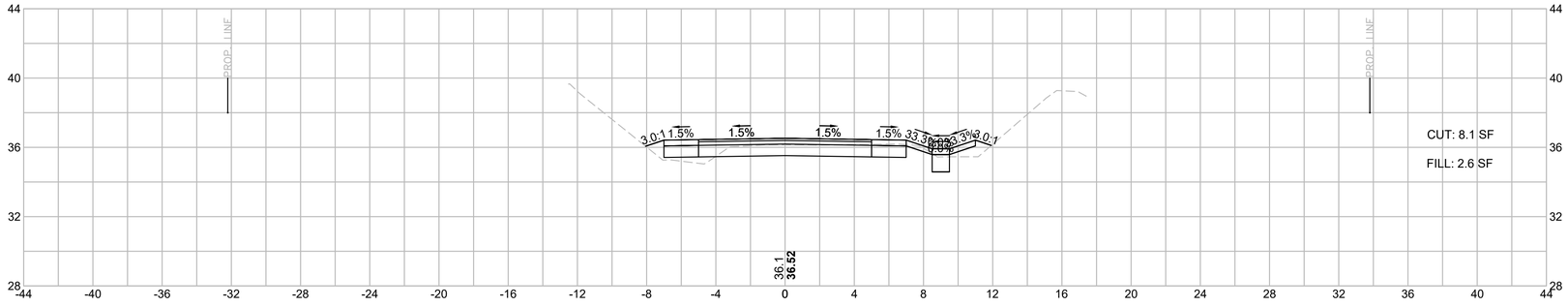
169+00



168+50



168+00



HOR. SCALE IN FEET
4 0 4 8
VER. SCALE IN FEET
4 0 4 8

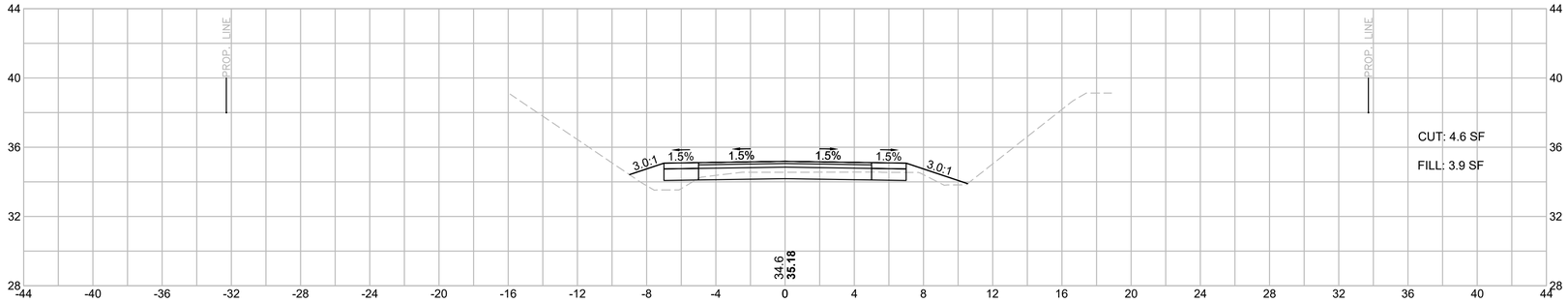
TOWN OF MARION
SHARED-USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	175	274
PROJECT FILE NO.	607979		

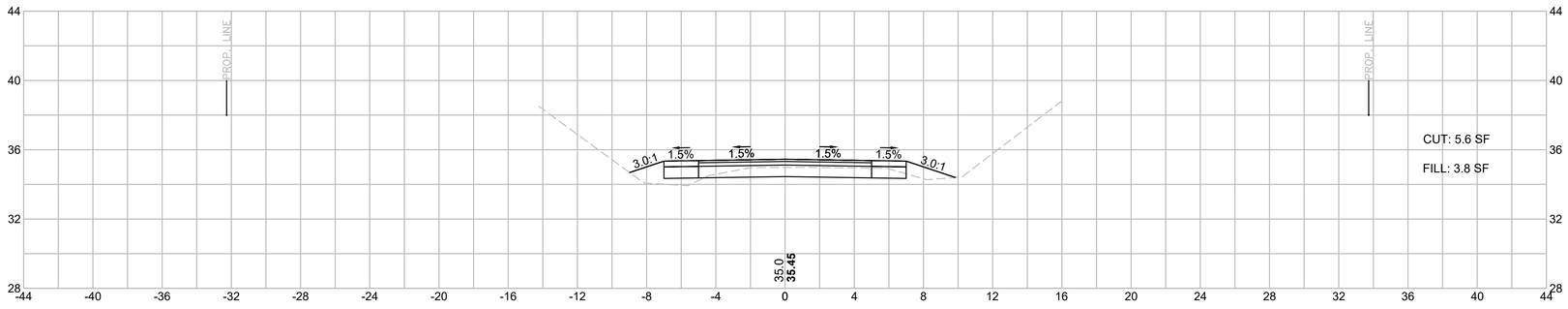
CROSS SECTIONS
SHEET 52 OF 151

607979_XSECT.DWG Plotted on 28-Sep-2017 3:43 PM

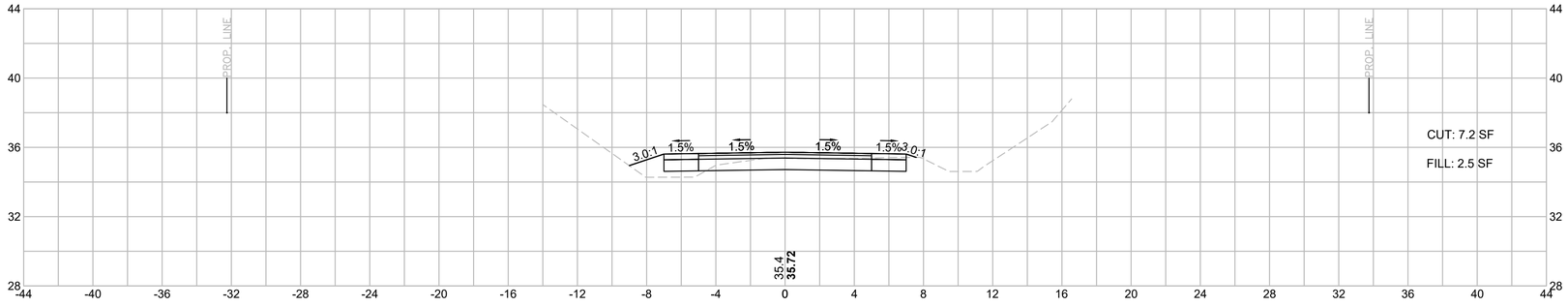
170+50



170+00



169+50



HOR. SCALE IN FEET
4 0 4 8
VER. SCALE IN FEET
4 0 4 8

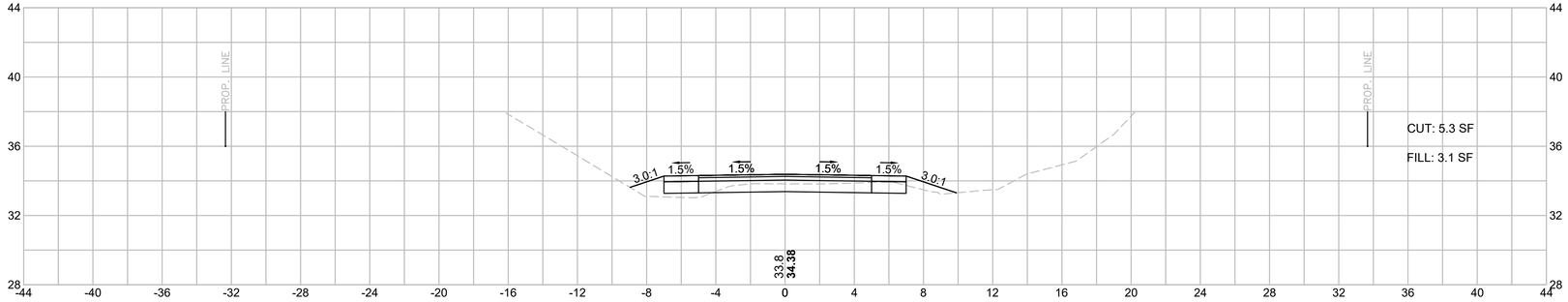
TOWN OF MARION
SHARED-USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	176	274
PROJECT FILE NO.	607979		

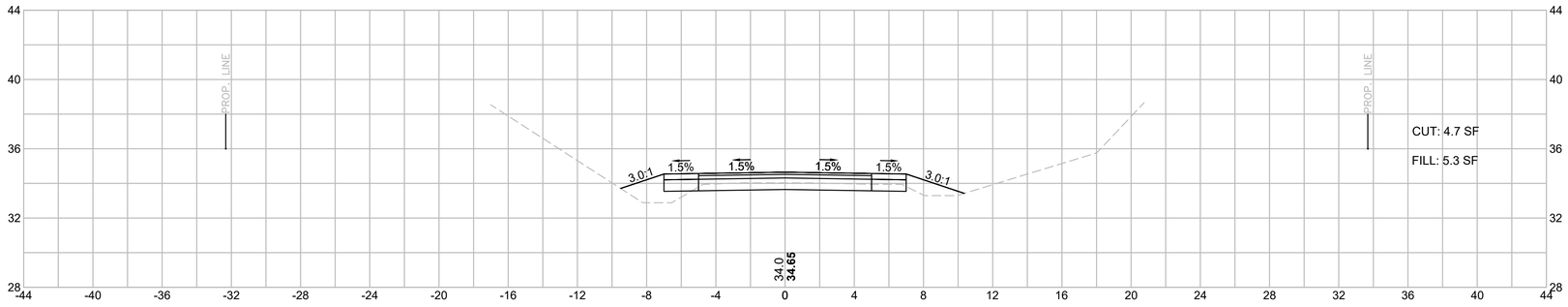
CROSS SECTIONS
SHEET 53 OF 151

607979_XSECT.DWG Plotted on 28-Sep-2017 3:43 PM

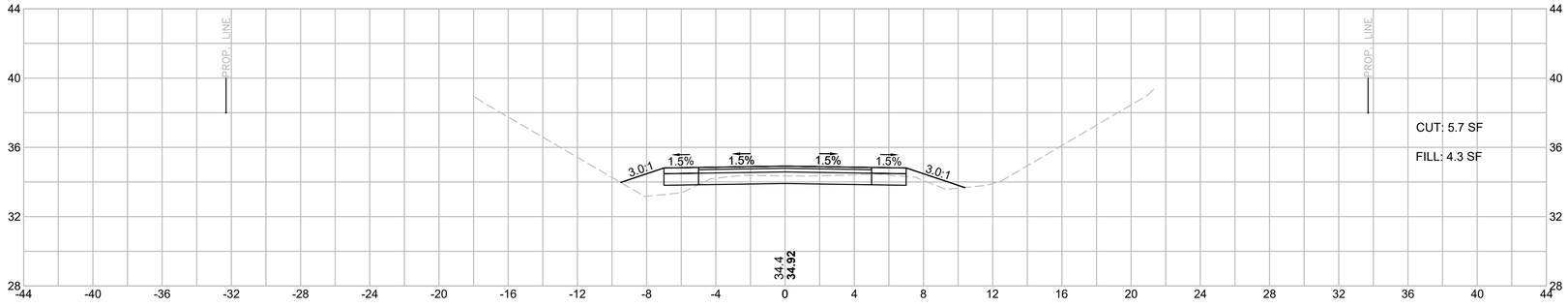
172+00



171+50



171+00



HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

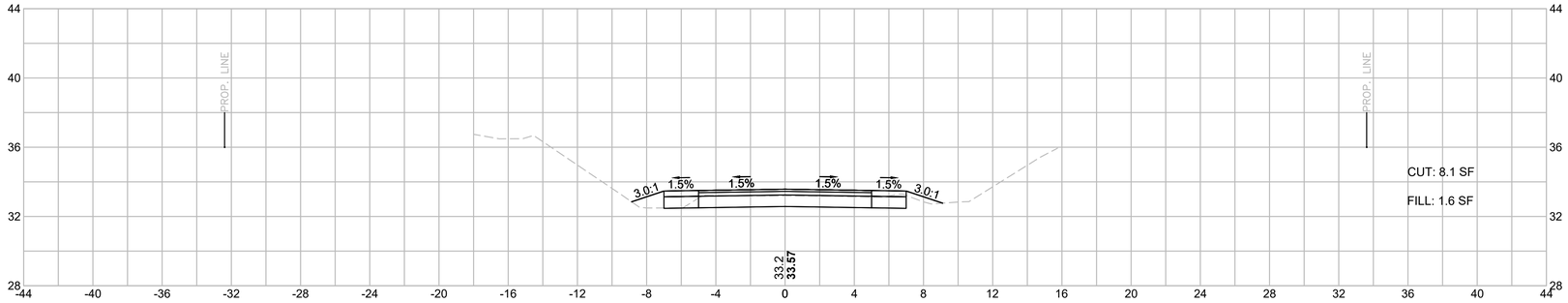
TOWN OF MARION
SHARED-USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	176	274
PROJECT FILE NO.	607979		

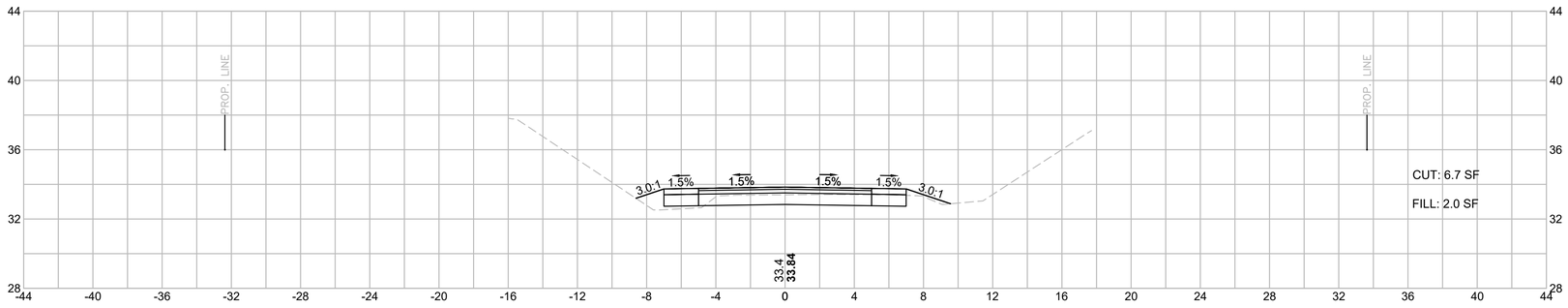
CROSS SECTIONS
SHEET 54 OF 151

607979_XSECT.DWG Plotted on 28-Sep-2017 3:43 PM

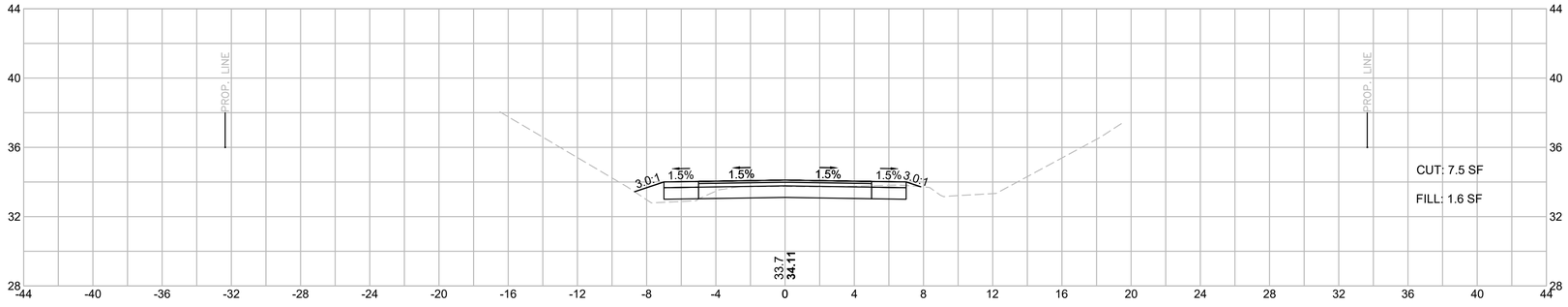
173+50



173+00



172+50



HOR. SCALE IN FEET
4 0 4 8
VER. SCALE IN FEET
4 0 4 8

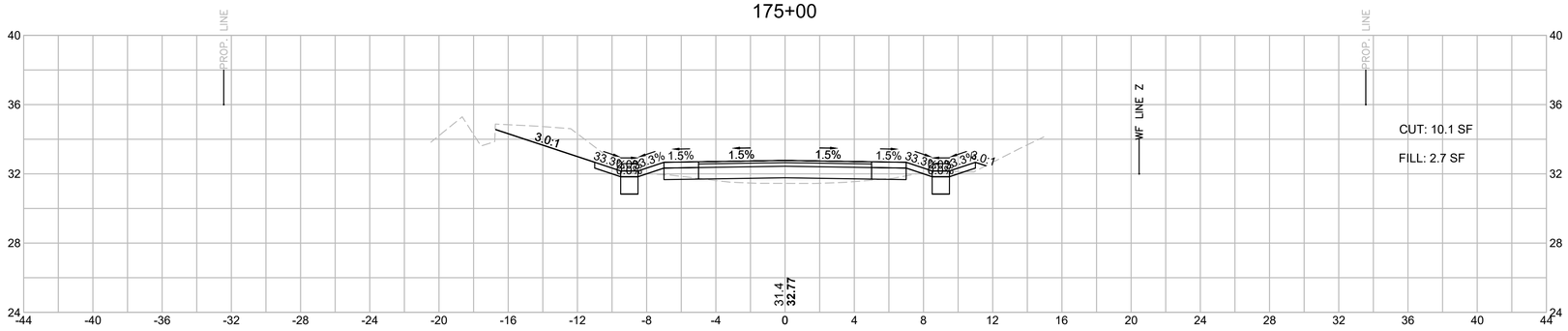
TOWN OF MARION
SHARED-USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	178	274
PROJECT FILE NO.	607979		

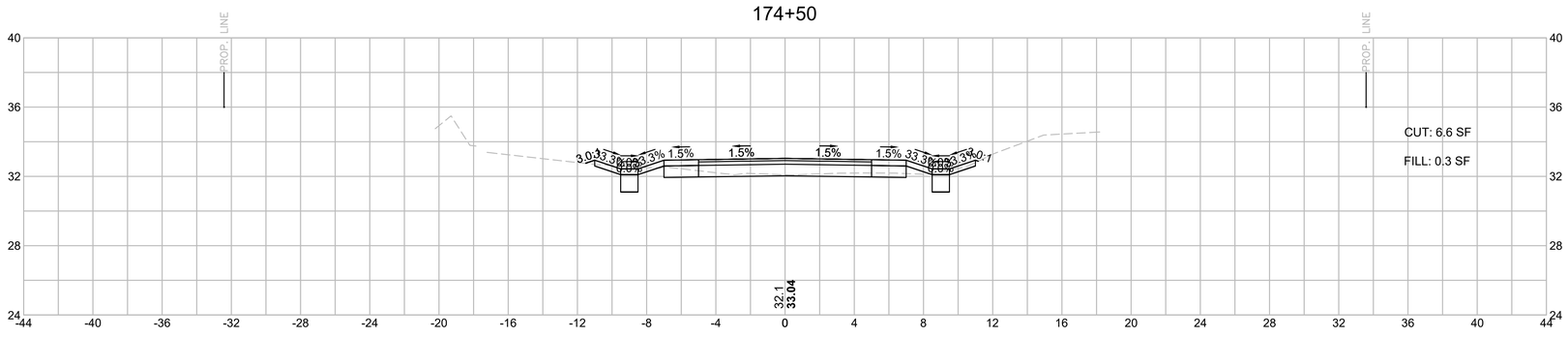
CROSS SECTIONS
SHEET 55 OF 151

607979_XSECT.DWG Plotted on 28-Sep-2017 3:43 PM

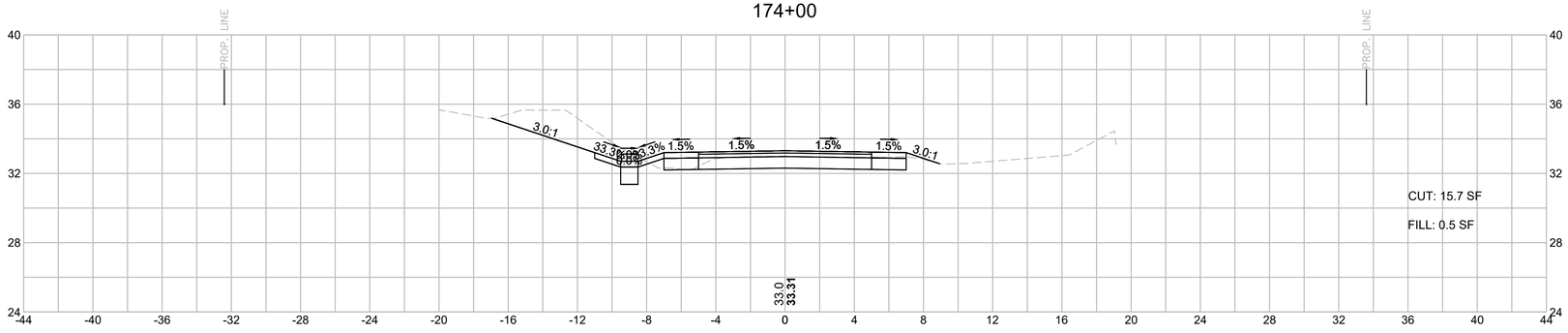
175+00



174+50



174+00



HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

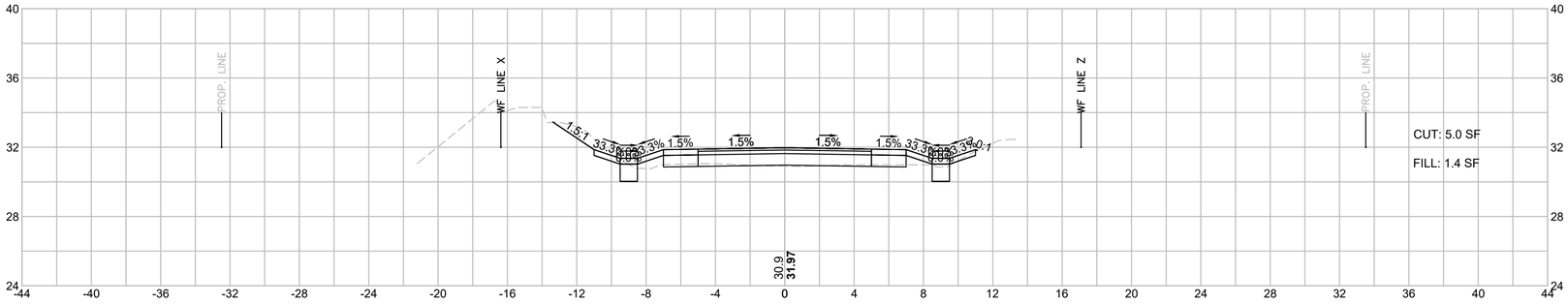
TOWN OF MARION
SHARED-USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	179	274
PROJECT FILE NO.	607979		

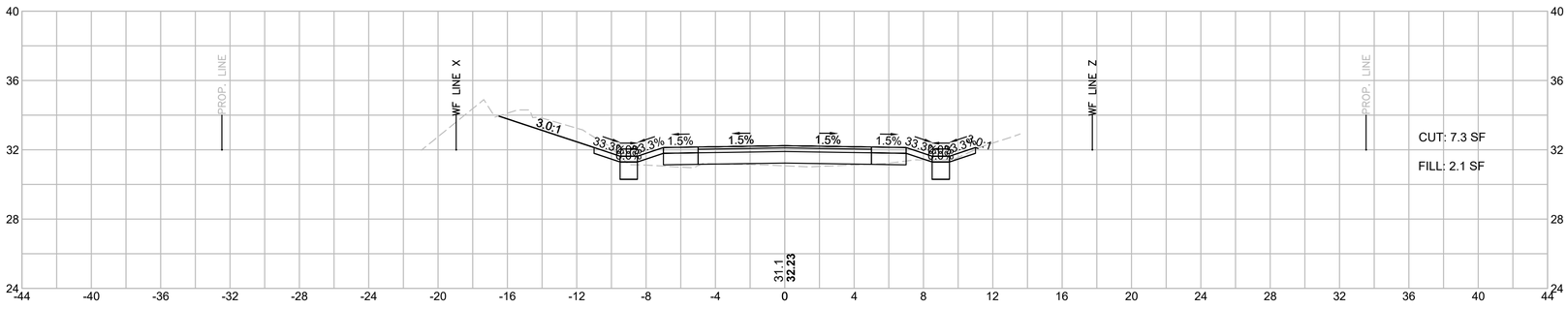
CROSS SECTIONS
SHEET 56 OF 151

607979_XSECT.DWG Plotted on 28-Sep-2017 3:43 PM

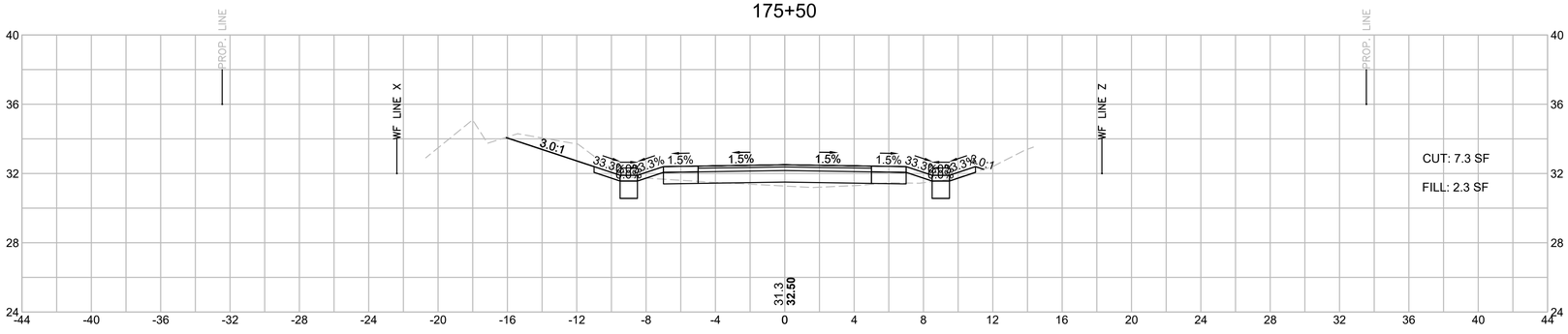
176+50



176+00



175+50



HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

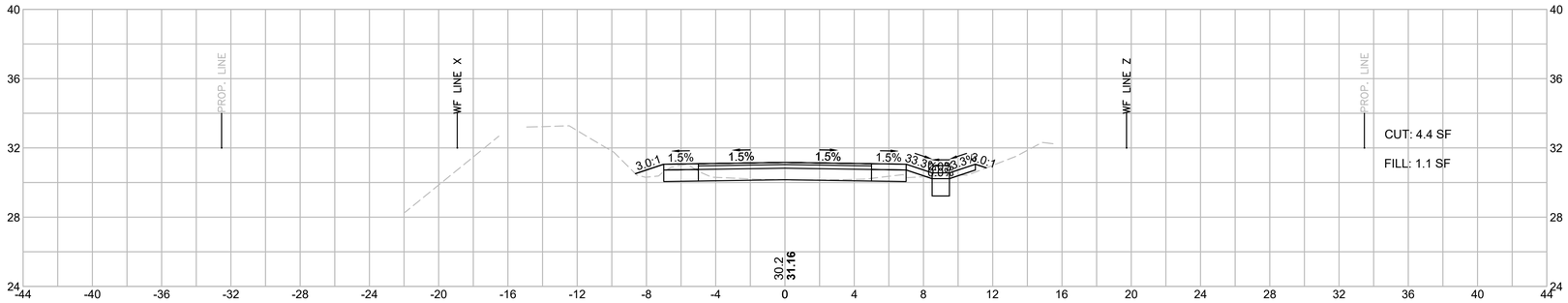
TOWN OF MARION
SHARED-USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	180	274
PROJECT FILE NO.	607979		

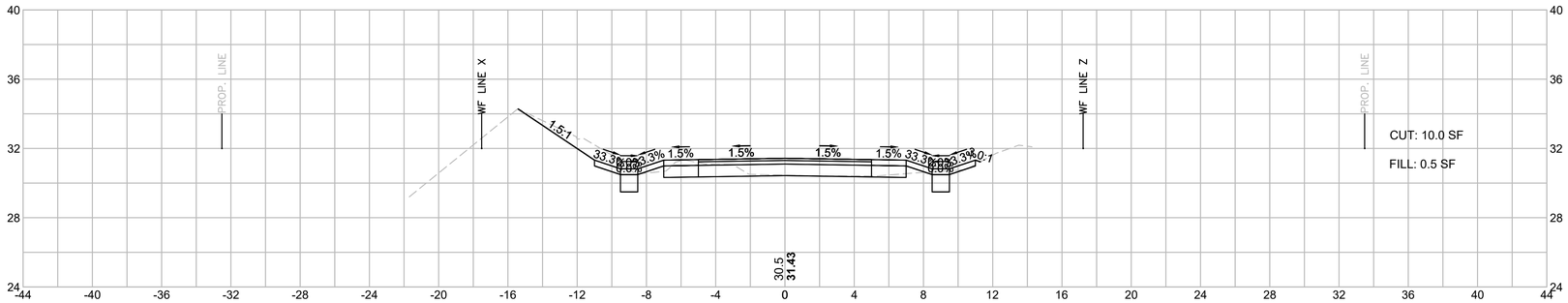
CROSS SECTIONS
SHEET 57 OF 151

607979_XSECT.DWG Plotted on 28-Sep-2017 3:43 PM

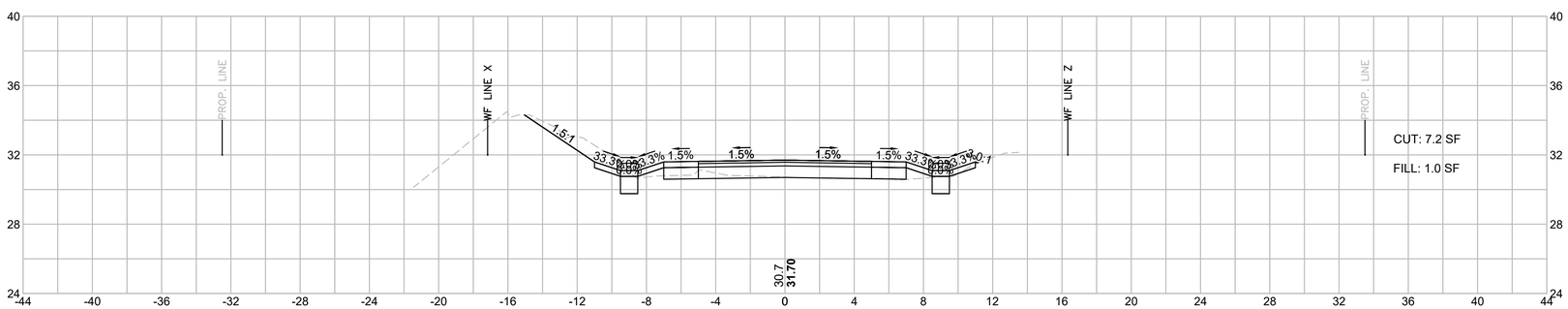
178+00



177+50



177+00



HOR. SCALE IN FEET
4 0 4 8
VER. SCALE IN FEET
4 0 4 8

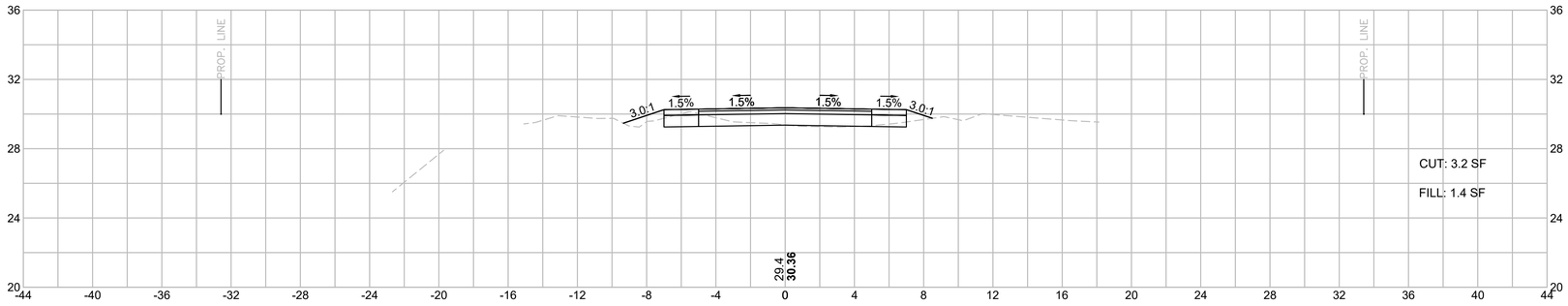
TOWN OF MARION
SHARED-USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	181	274
PROJECT FILE NO.	607979		

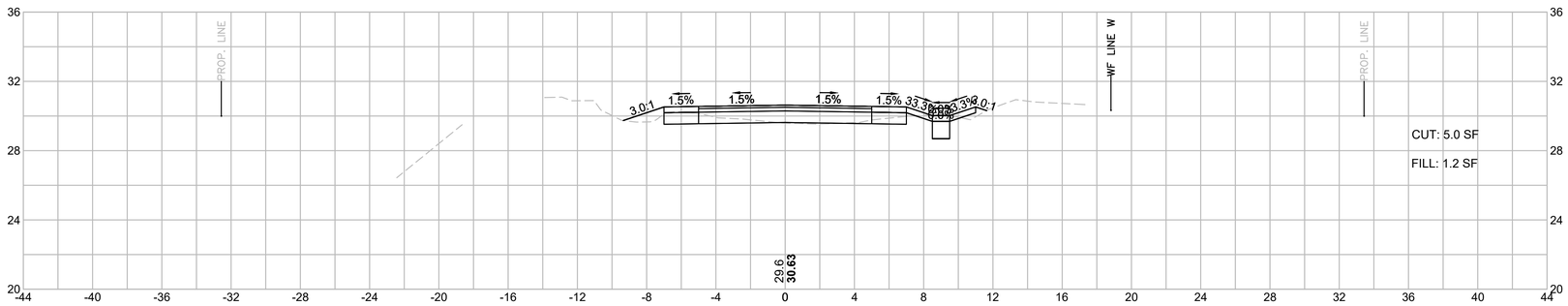
CROSS SECTIONS
SHEET 58 OF 151

607979_XSECT.DWG Plotted on 28-Sep-2017 3:43 PM

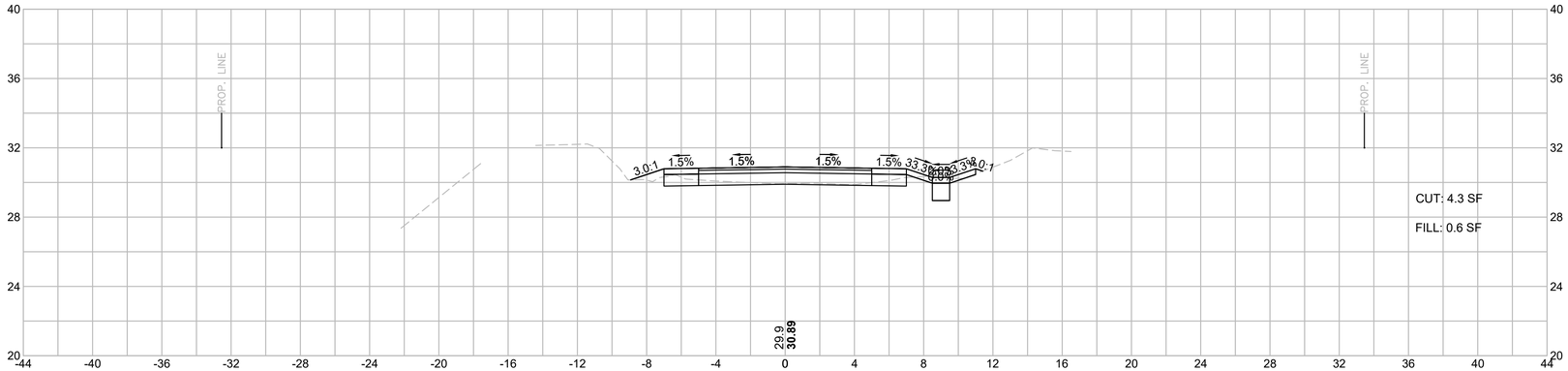
179+50



179+00



178+50



HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

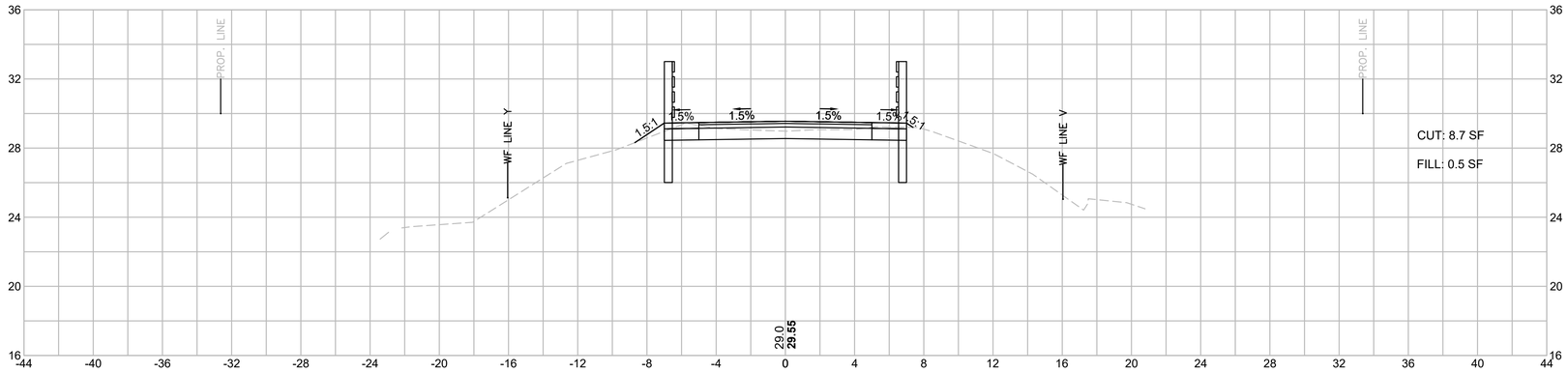
TOWN OF MARION
SHARED-USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	182	274
PROJECT FILE NO.	607979		

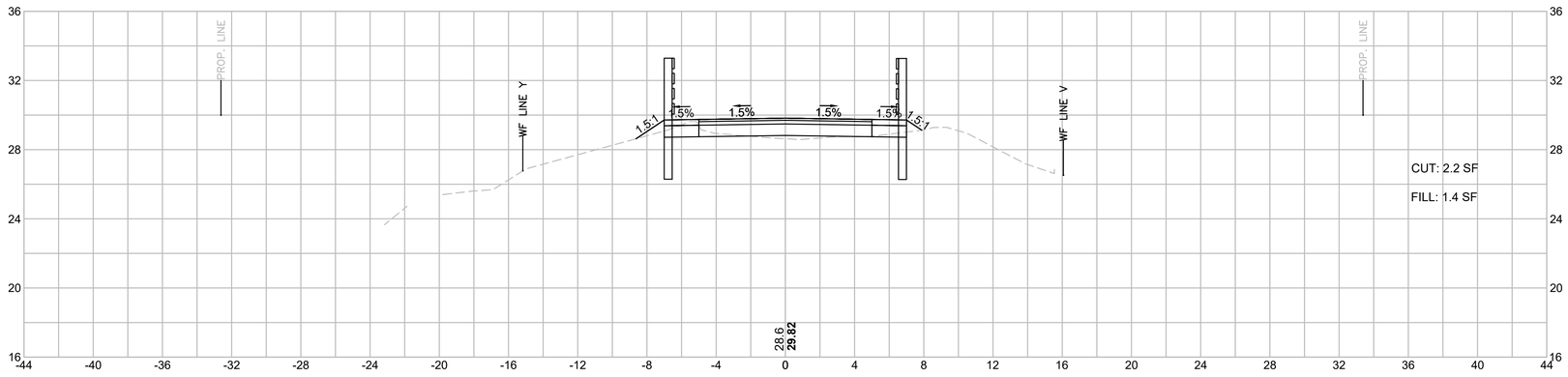
CROSS SECTIONS
SHEET 59 OF 151

607979_XSECT.DWG Plotted on 28-Sep-2017 3:43 PM

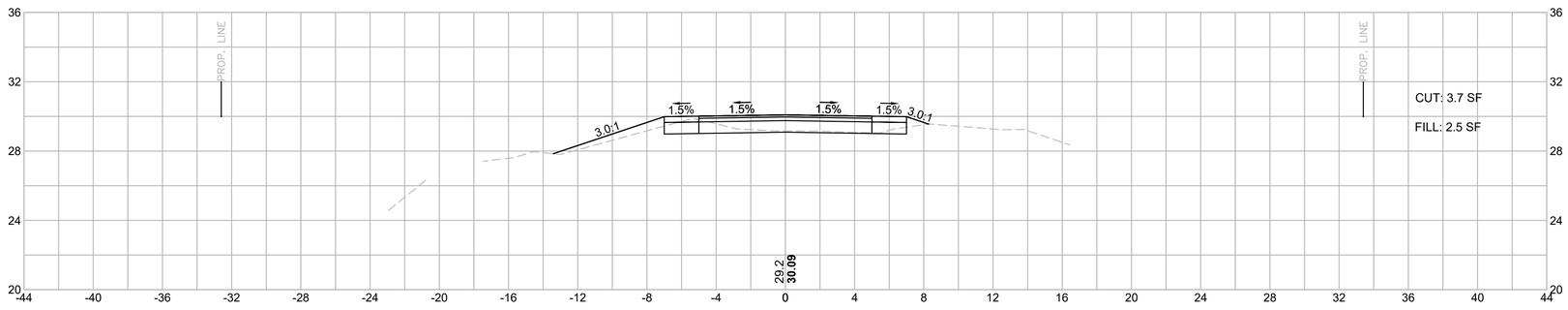
181+00



180+50



180+00



HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

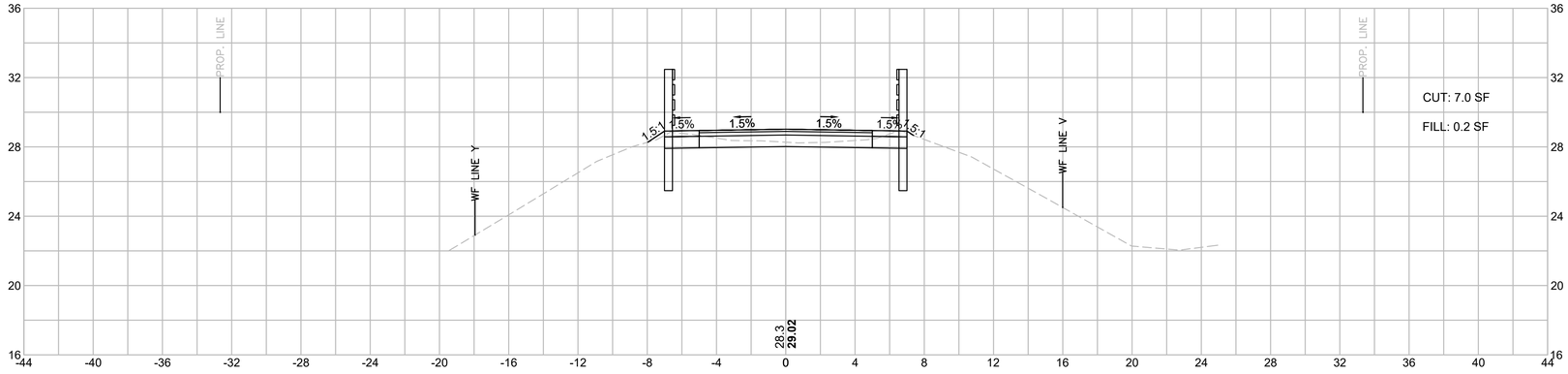
TOWN OF MARION
SHARED-USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	183	274
PROJECT FILE NO.	607979		

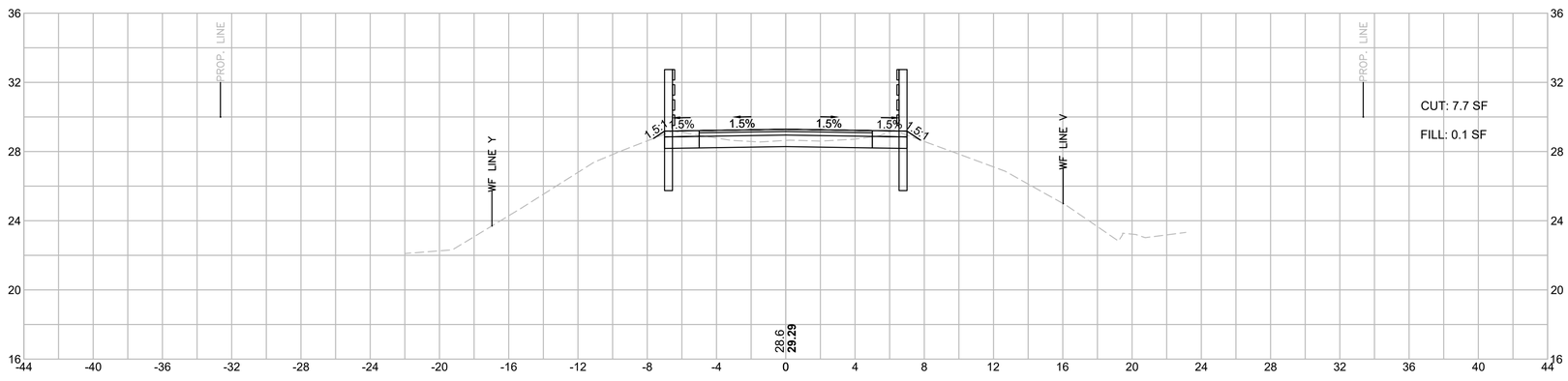
CROSS SECTIONS
SHEET 60 OF 151

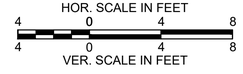
607979_XSECT.DWG Plotted on 28-Sep-2017 3:43 PM

182+00



181+50





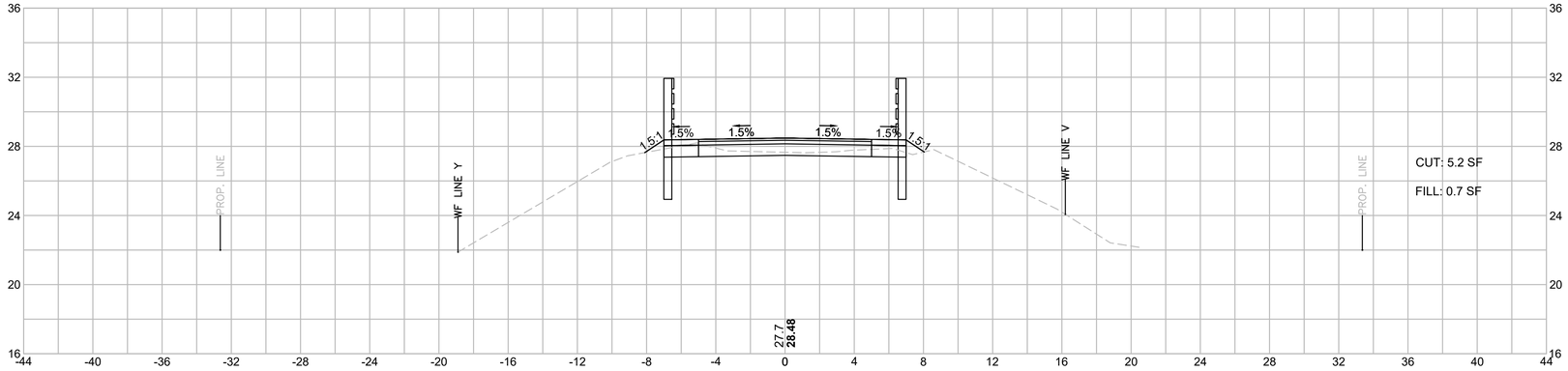
TOWN OF MARION
SHARED-USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	184	274
PROJECT FILE NO.	607979		

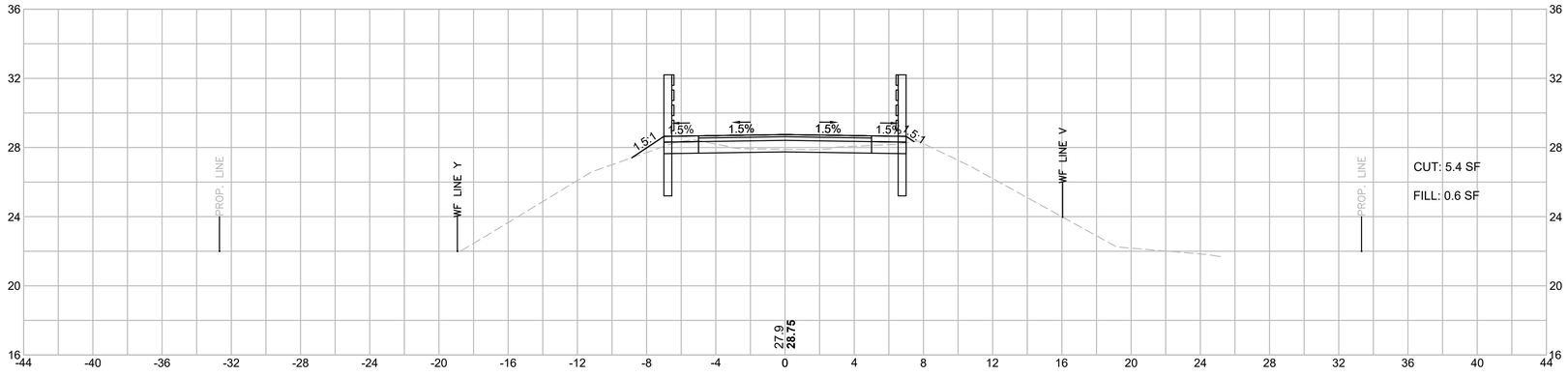
CROSS SECTIONS
SHEET 61 OF 151

607979_XSECT.DWG Plotted on 28-Sep-2017 3:43 PM

183+00



182+50



HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

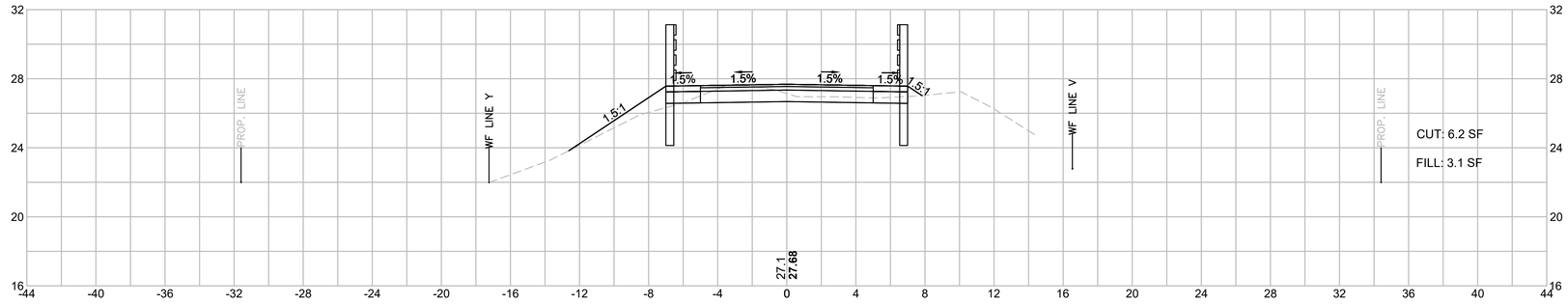
TOWN OF MARION
SHARED-USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	185	274
PROJECT FILE NO.	607979		

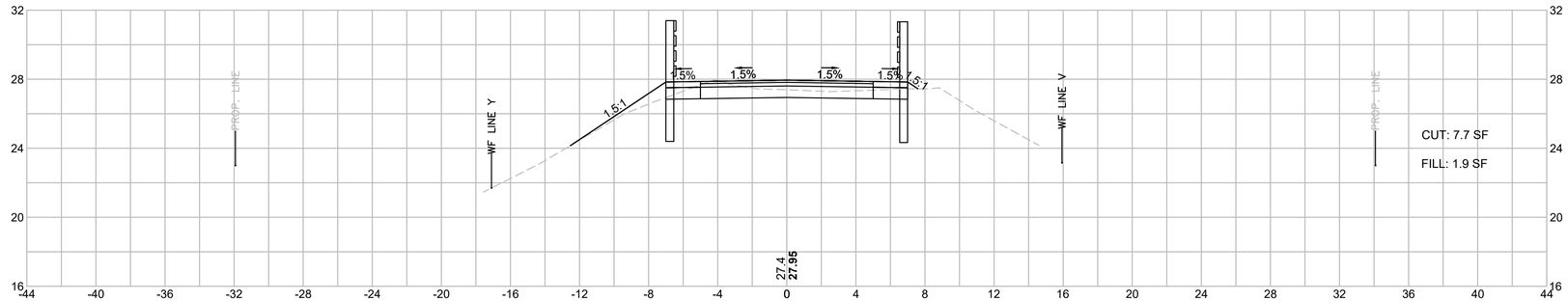
CROSS SECTIONS
SHEET 62 OF 151

607979_XSECT.DWG Plotted on 28-Sep-2017 3:43 PM

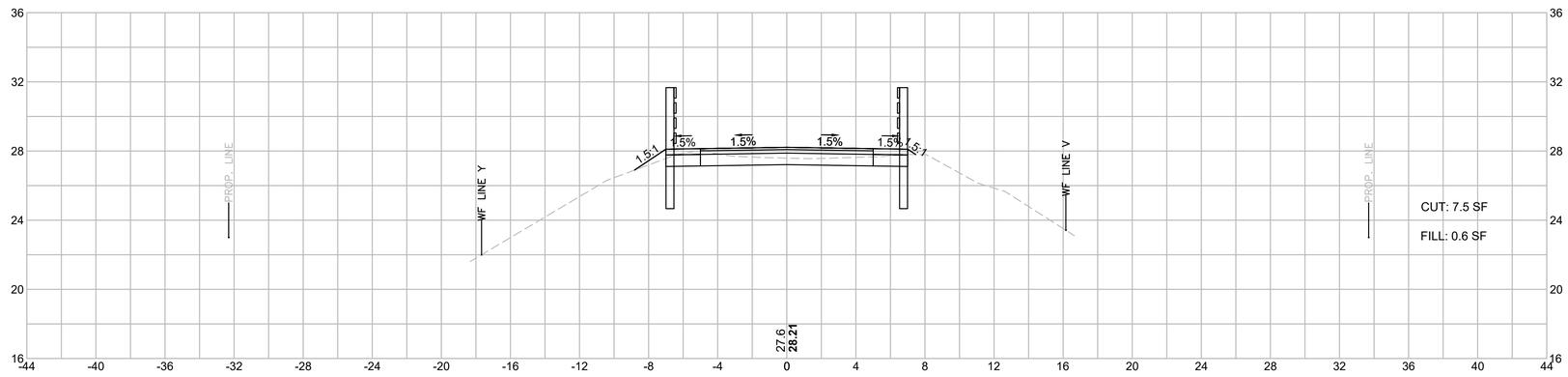
184+50



184+00



183+50



HOR. SCALE IN FEET
4 0 4 8
VER. SCALE IN FEET
4 0 4 8

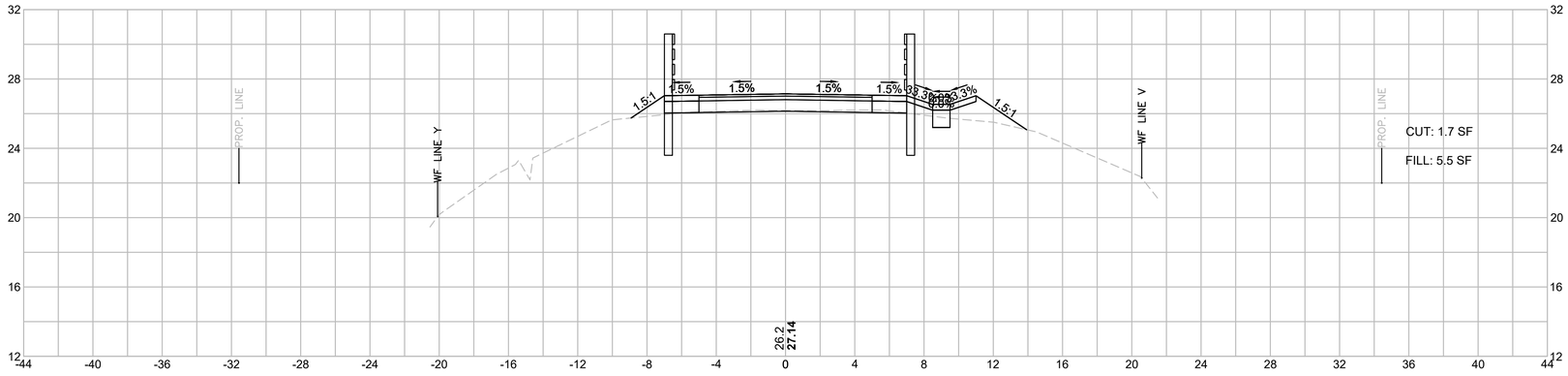
TOWN OF MARION
SHARED-USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	186	274
PROJECT FILE NO.	607979		

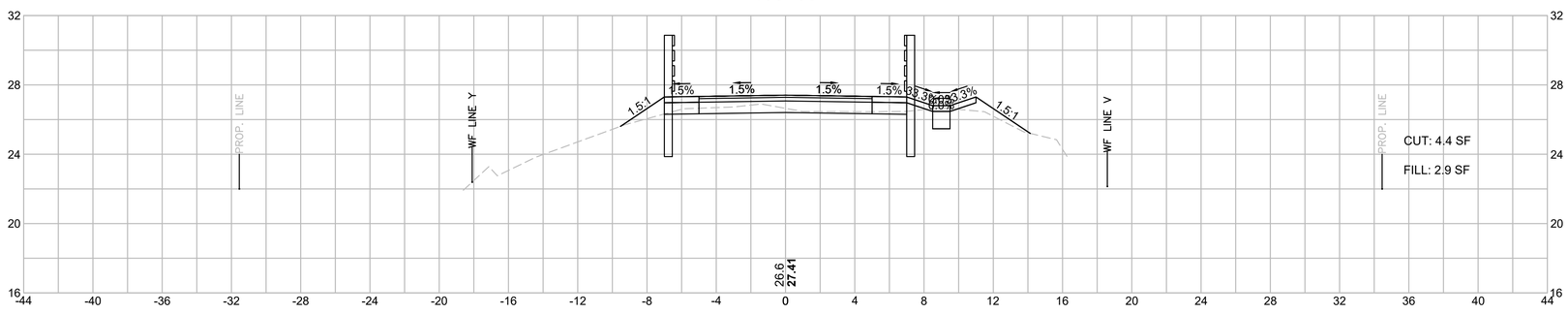
CROSS SECTIONS
SHEET 63 OF 151

607979_XSECT.DWG Plotted on 28-Sep-2017 3:43 PM

185+50



185+00



HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

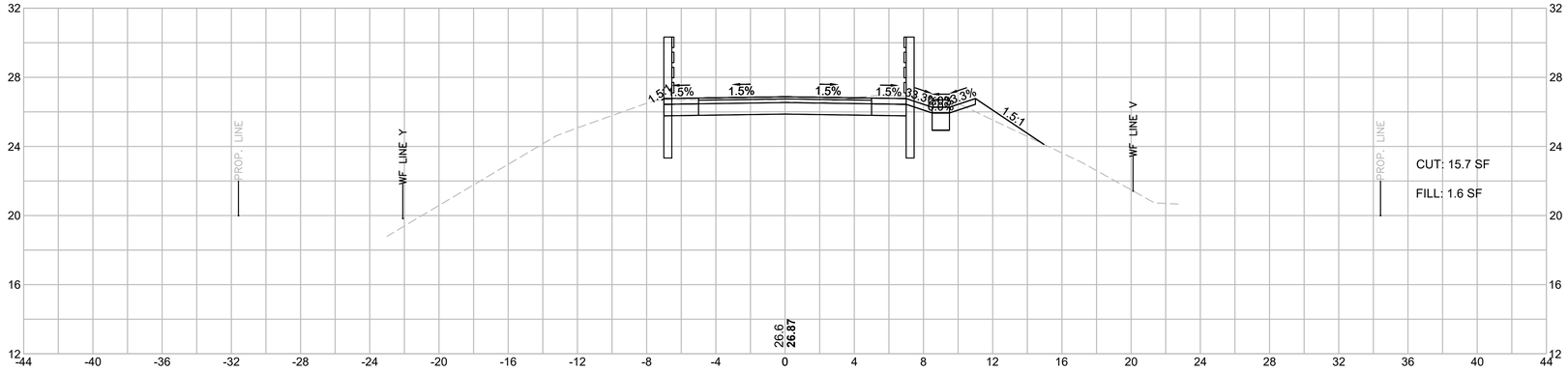
TOWN OF MARION
SHARED-USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	187	274
PROJECT FILE NO.	607979		

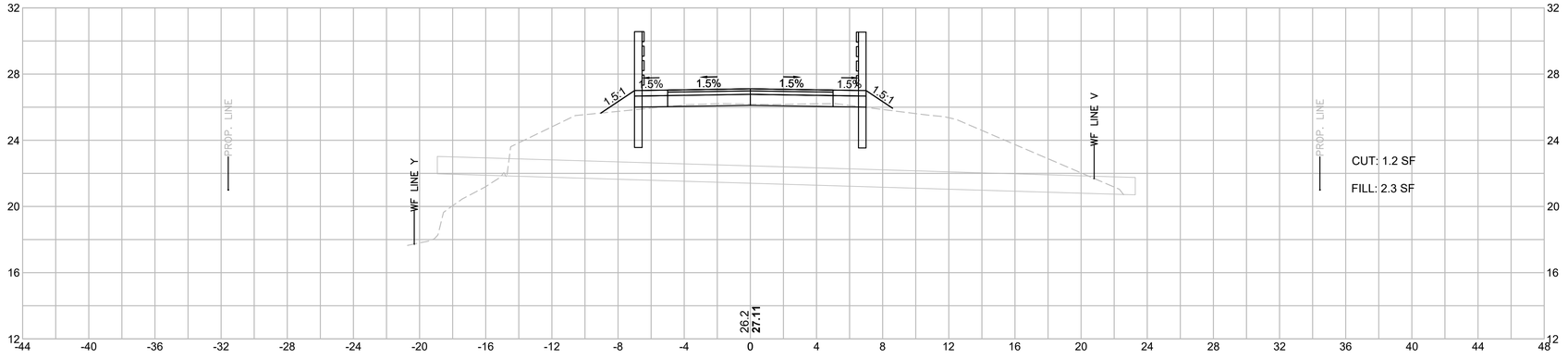
CROSS SECTIONS
SHEET 64 OF 151

607979_XSECT.DWG Plotted on 28-Sep-2017 3:43 PM

186+00



185+55.72



HOR. SCALE IN FEET
4 0 4 8
VER. SCALE IN FEET
4 0 4 8

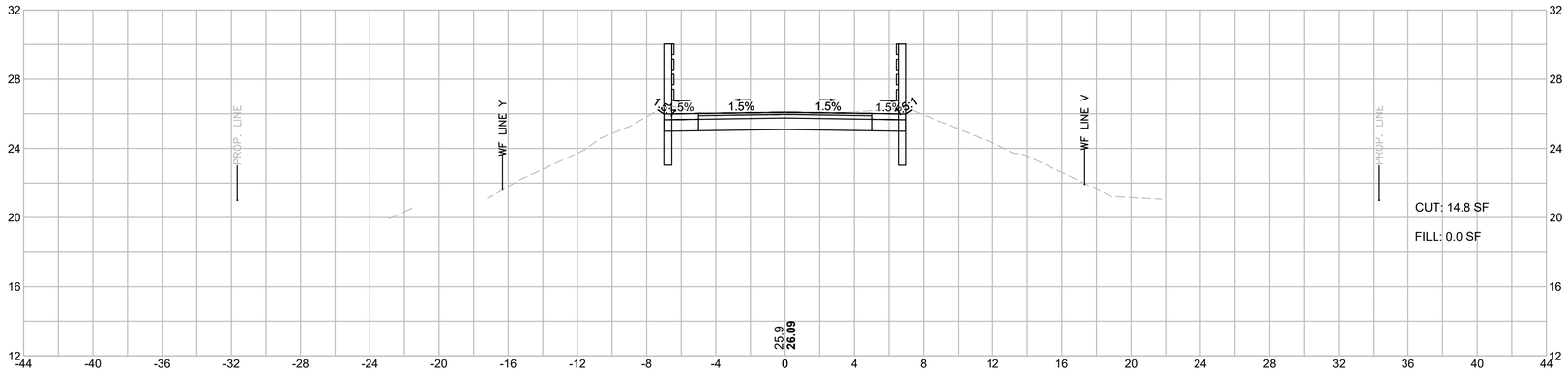
TOWN OF MARION
SHARED-USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	188	274
PROJECT FILE NO.	607979		

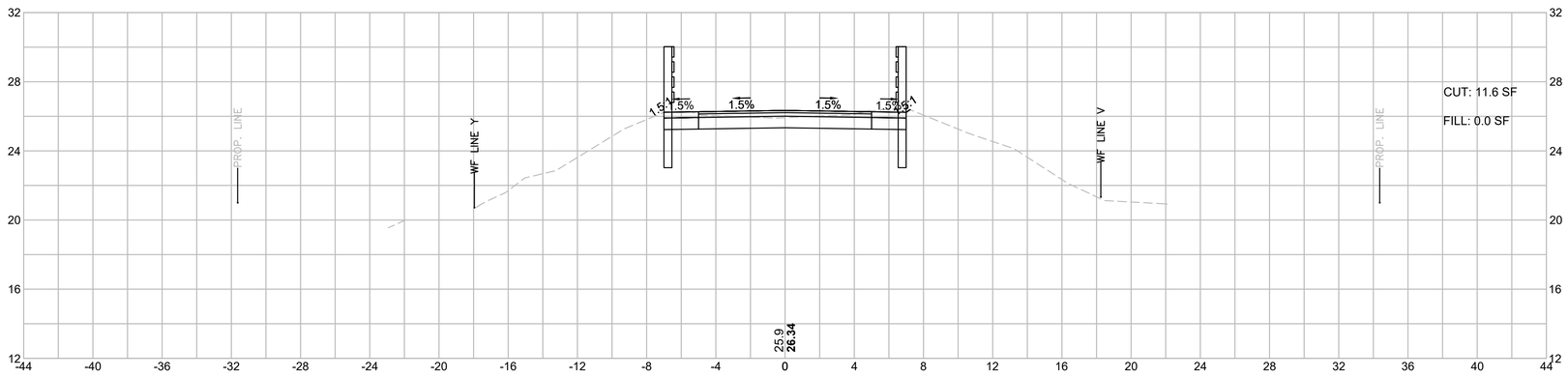
CROSS SECTIONS
SHEET 65 OF 151

607979_XSECT.DWG Plotted on 28-Sep-2017 3:43 PM

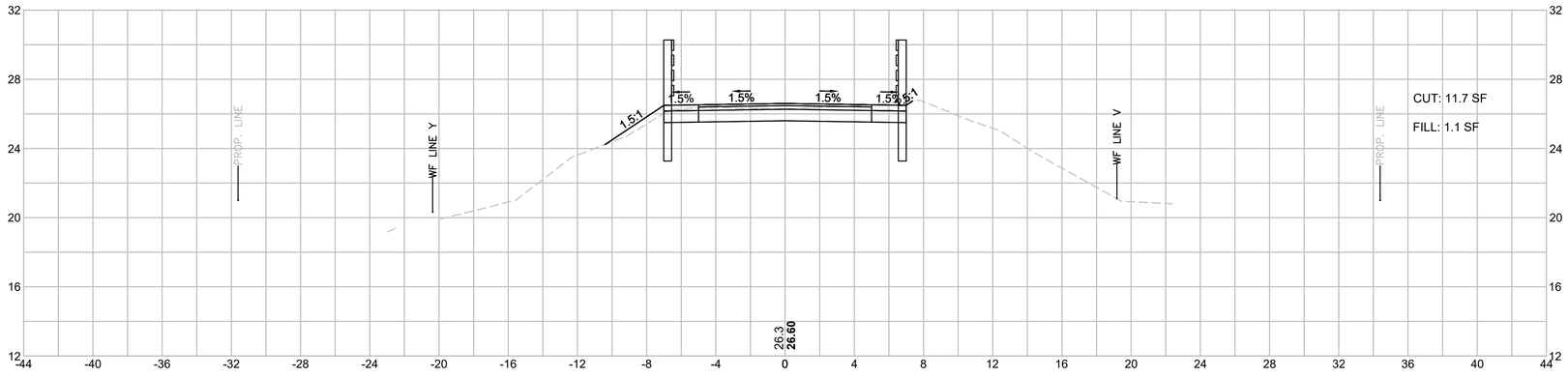
187+50



187+00



186+50



HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

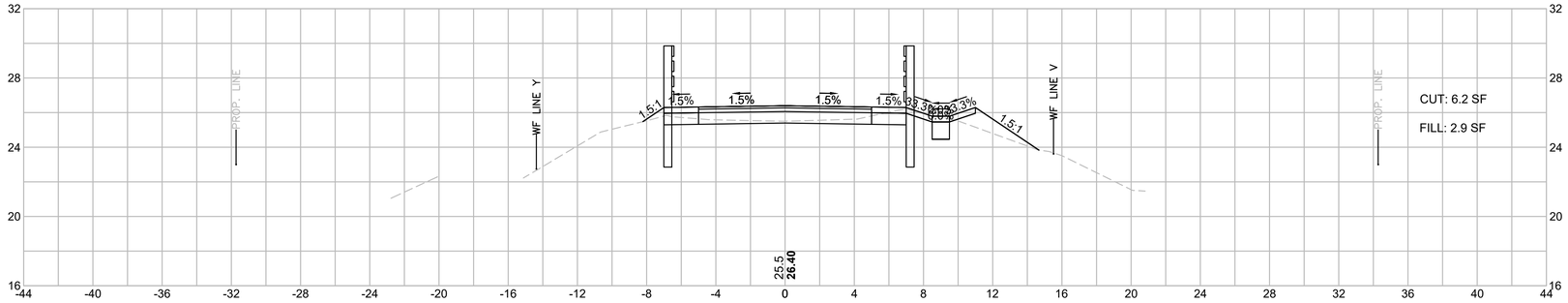
TOWN OF MARION
SHARED-USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	189	274
PROJECT FILE NO.	607979		

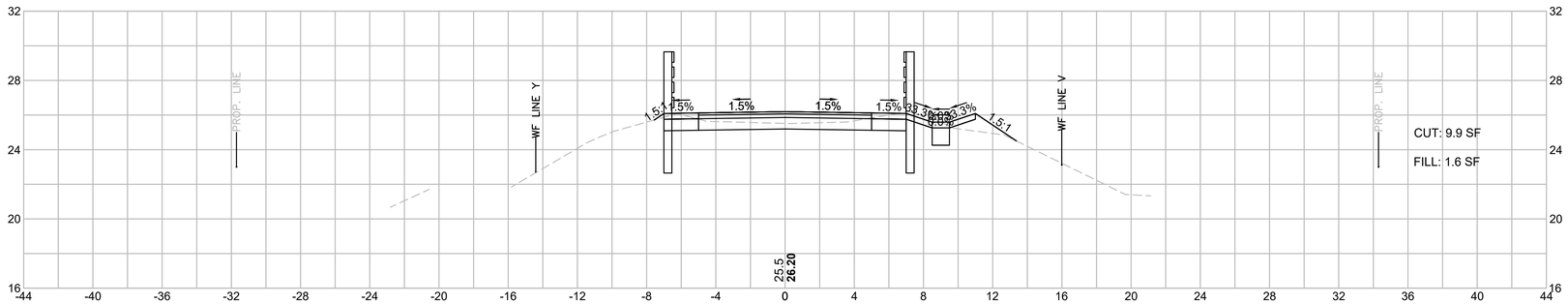
CROSS SECTIONS
SHEET 66 OF 151

607979_XSECT.DWG Plotted on 28-Sep-2017 3:43 PM

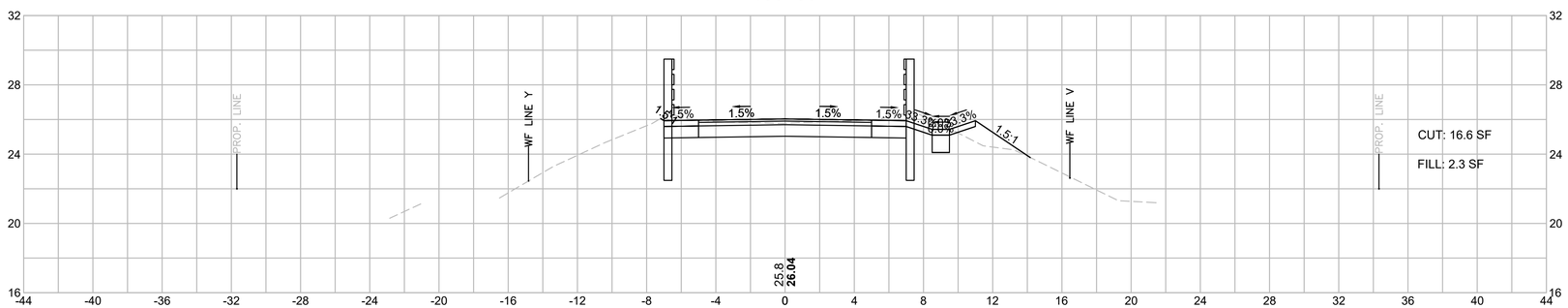
189+00



188+50



188+00



HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

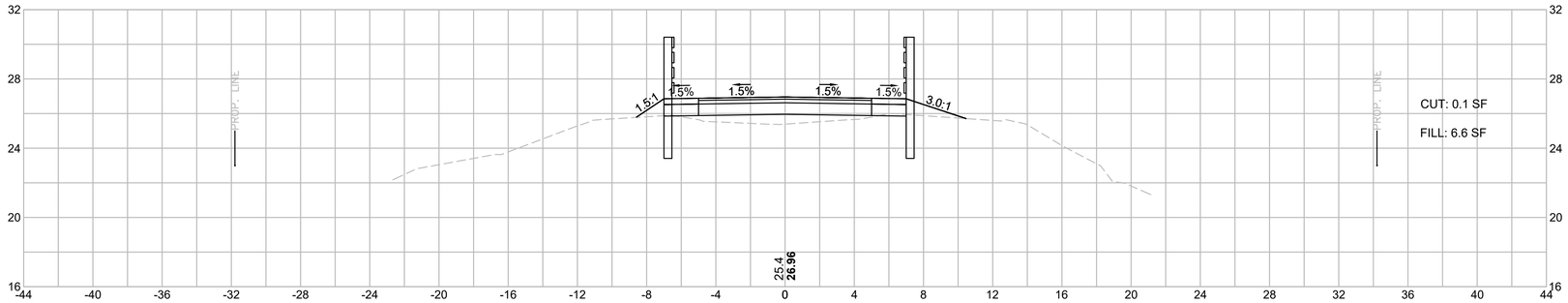
TOWN OF MARION
SHARED-USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	190	274
PROJECT FILE NO.	607979		

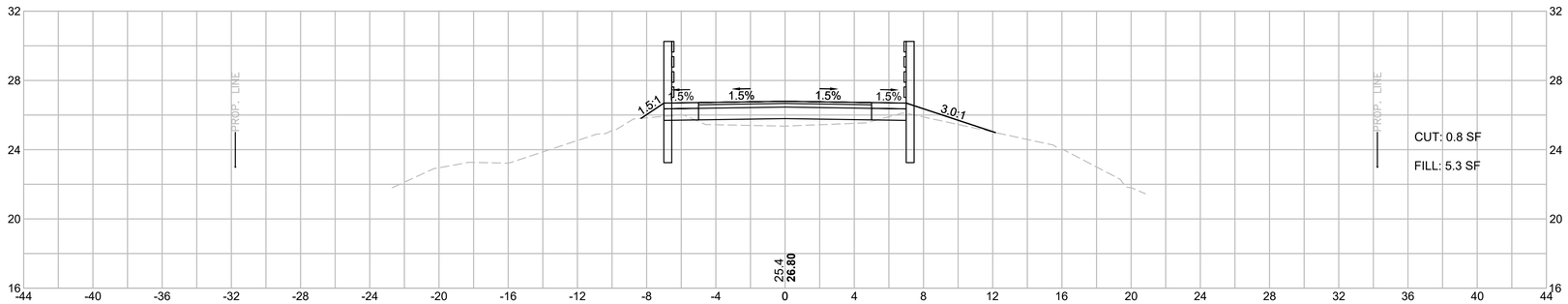
CROSS SECTIONS
SHEET 67 OF 151

607979_XSECT.DWG Plotted on 28-Sep-2017 3:43 PM

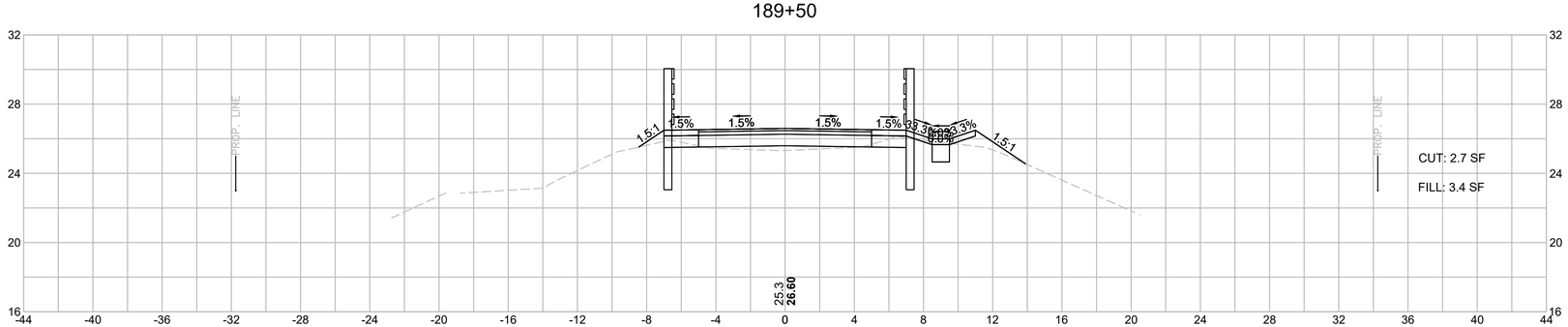
190+50



190+00



189+50



HOR. SCALE IN FEET
4 0 4 8
VER. SCALE IN FEET
4 0 4 8

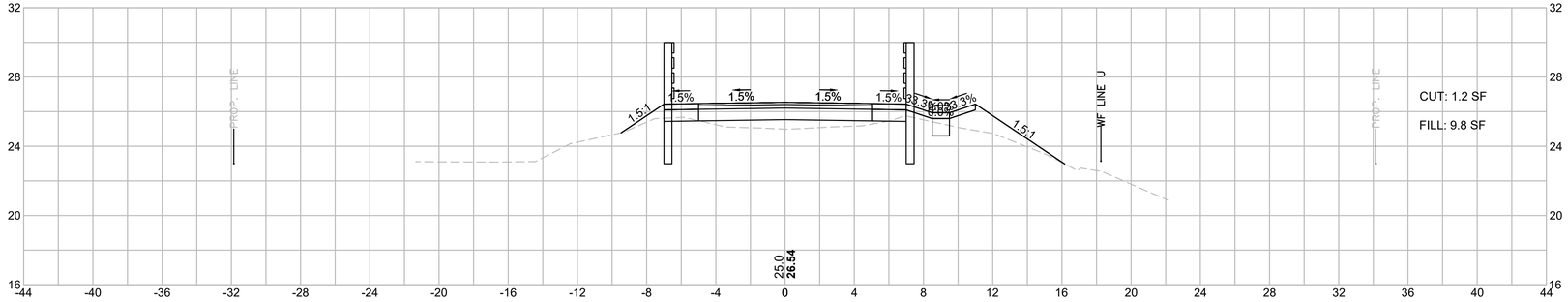
TOWN OF MARION
SHARED-USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	191	274
PROJECT FILE NO.	607979		

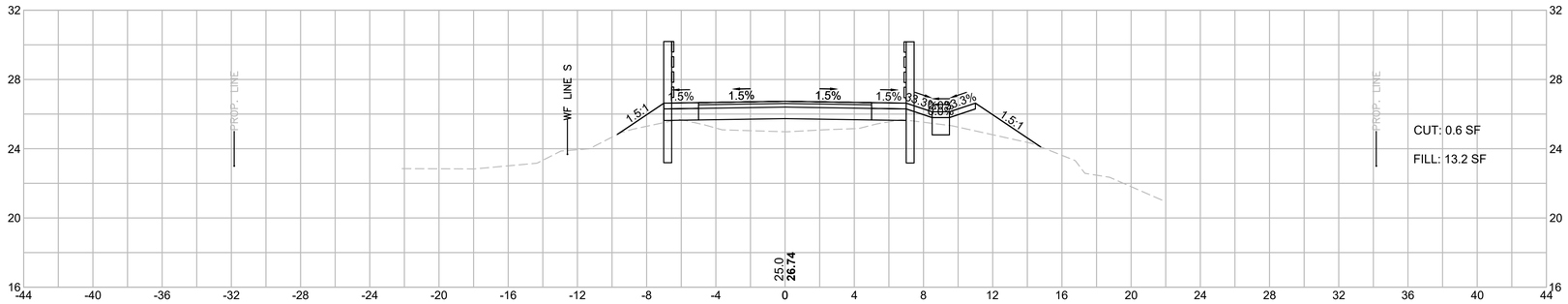
CROSS SECTIONS
SHEET 68 OF 151

607979_XSECT.DWG Plotted on 28-Sep-2017 3:43 PM

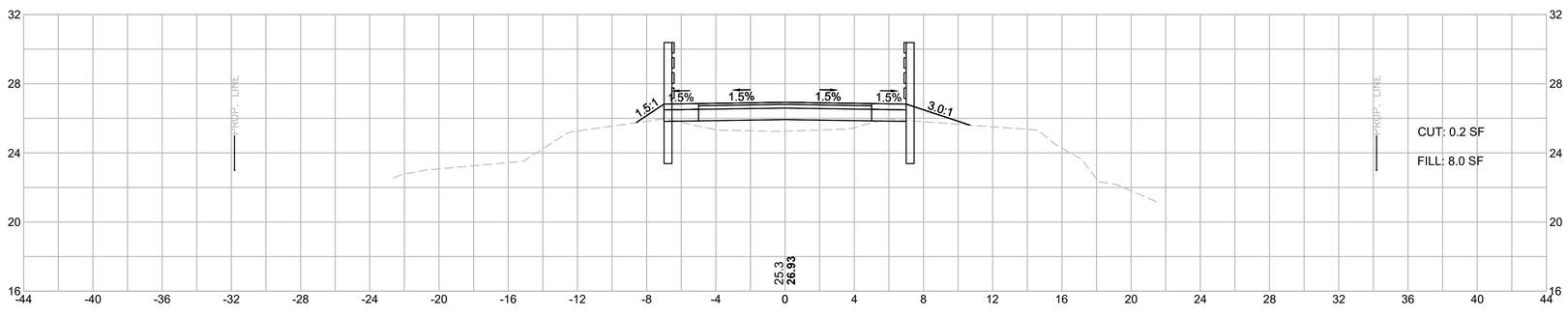
192+00



191+50



191+00



HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

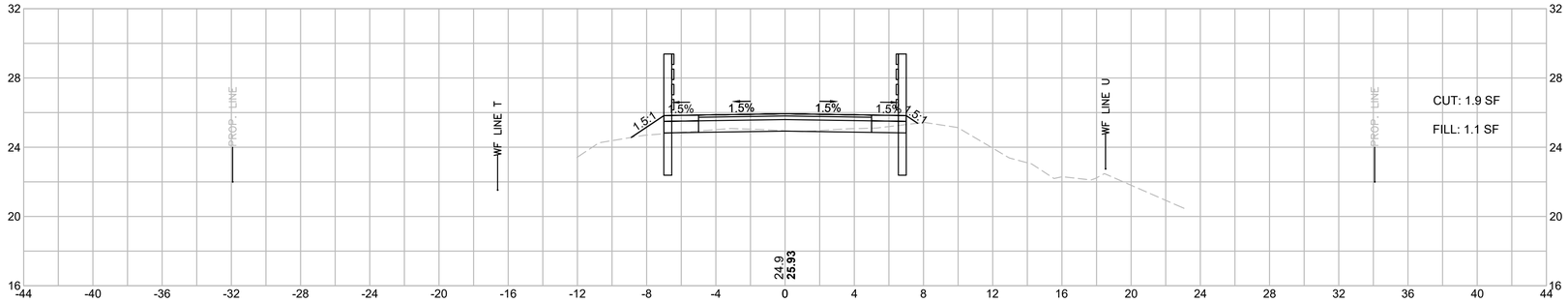
TOWN OF MARION
SHARED-USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	192	274
PROJECT FILE NO.	607979		

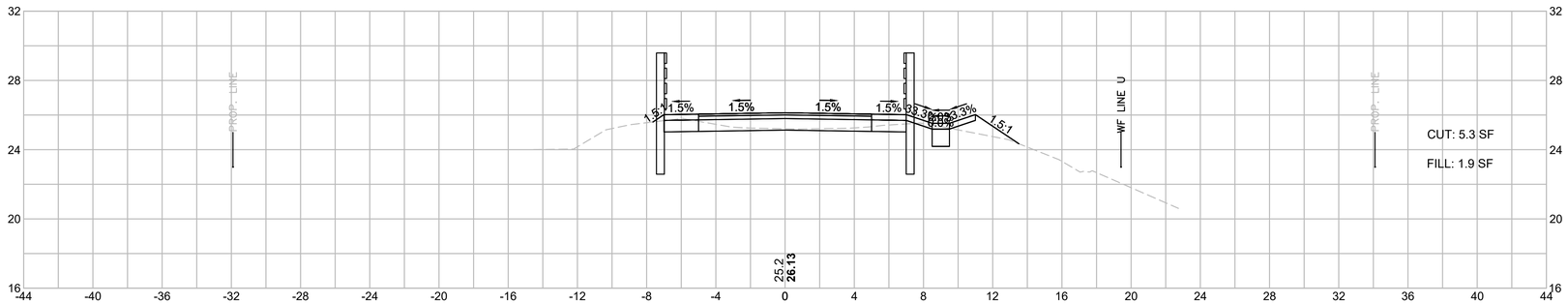
CROSS SECTIONS
SHEET 69 OF 151

607979_XSECT.DWG Plotted on 28-Sep-2017 3:43 PM

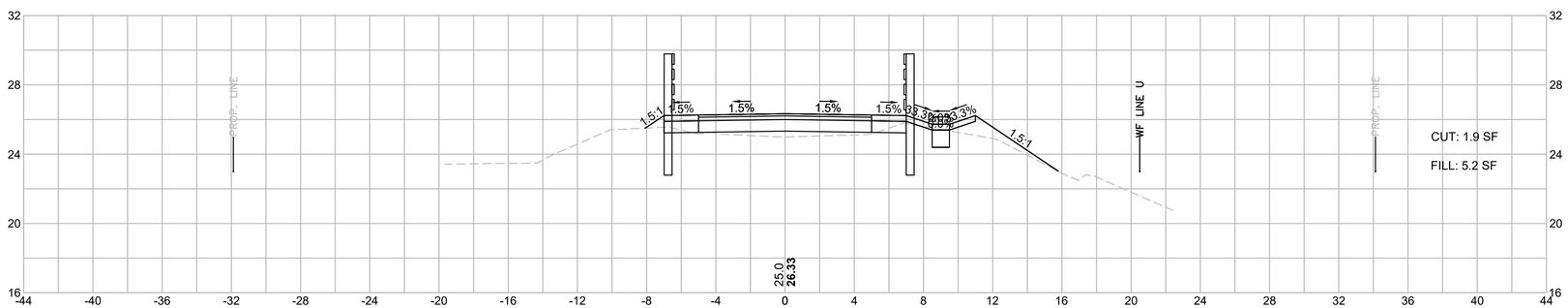
193+50



193+00



192+50



HOR. SCALE IN FEET
4 0 4 8
VER. SCALE IN FEET
4 0 4 8

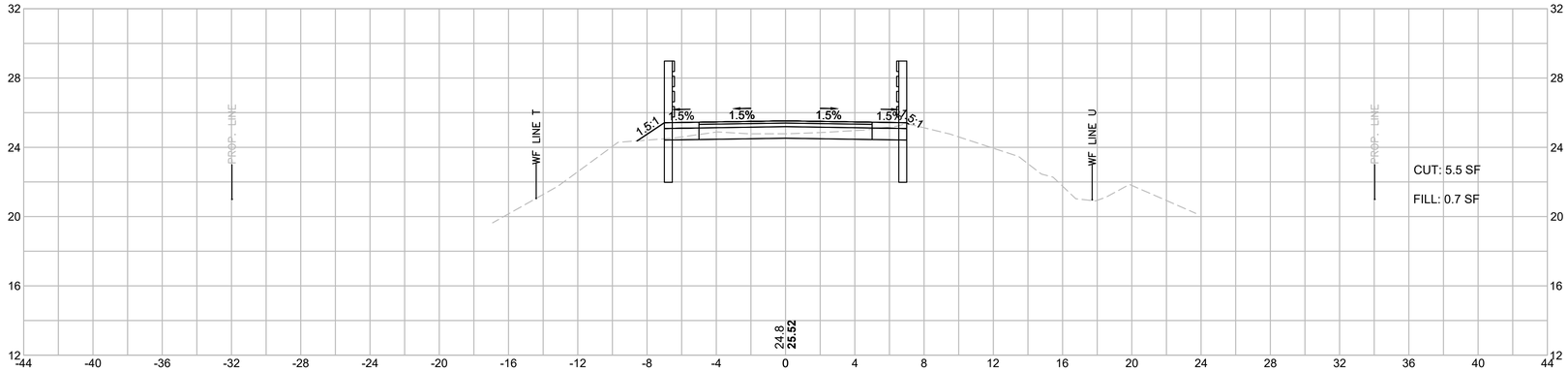
TOWN OF MARION
SHARED-USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	193	274
PROJECT FILE NO.	607979		

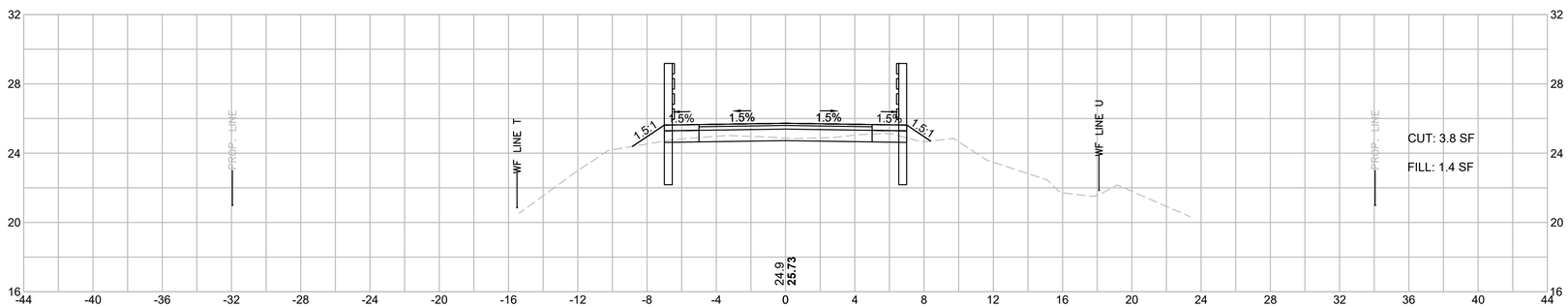
CROSS SECTIONS
SHEET 70 OF 151

607979_XSECT.DWG Plotted on 28-Sep-2017 3:43 PM

194+50



194+00



HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

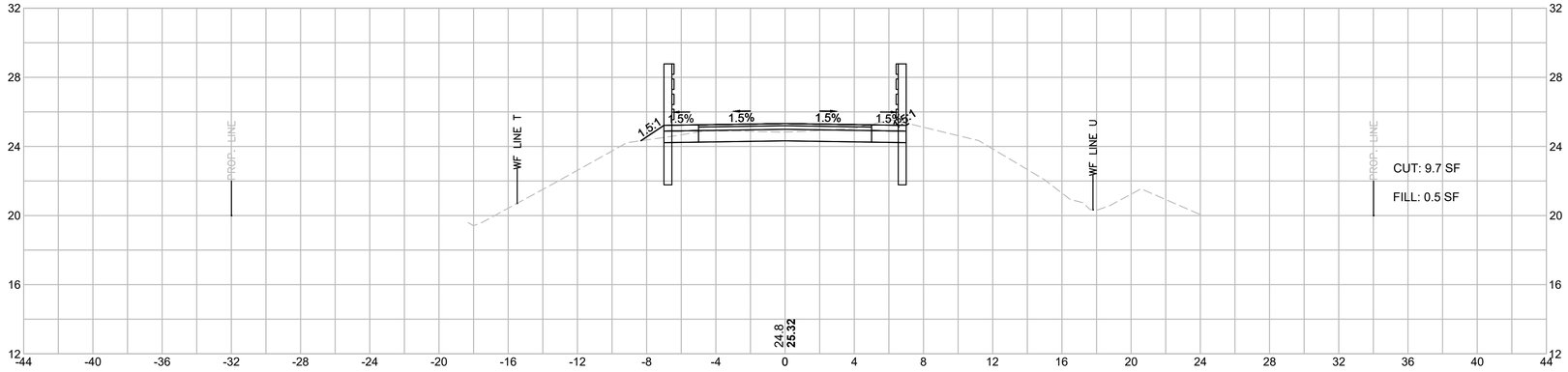
TOWN OF MARION
SHARED-USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	194	274
PROJECT FILE NO.	607979		

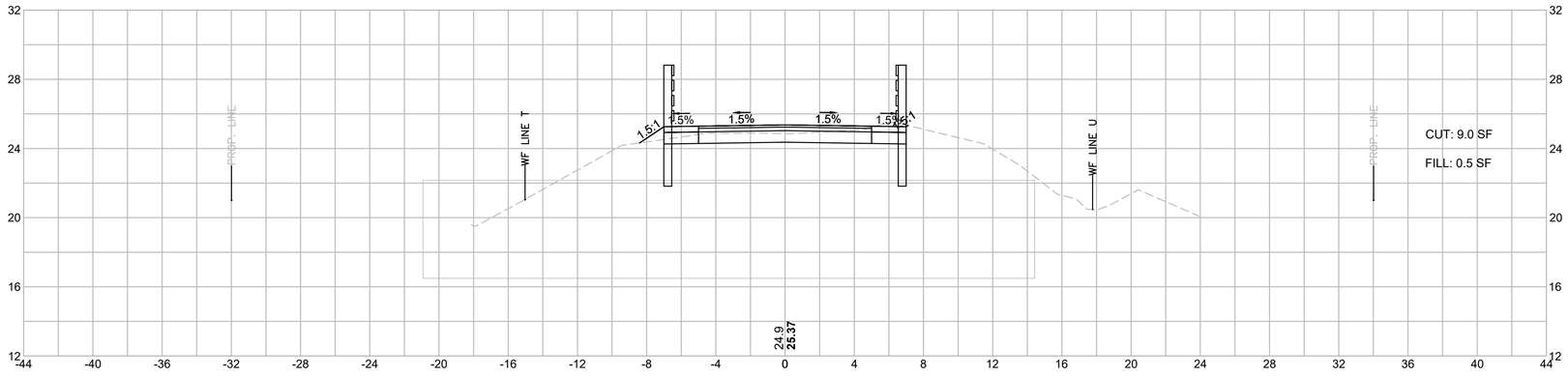
CROSS SECTIONS
SHEET 71 OF 151

607979_XSECT.DWG Plotted on 28-Sep-2017 3:43 PM

195+00



194+89.09



HOR. SCALE IN FEET
4 0 4 8
VER. SCALE IN FEET
4 0 4 8

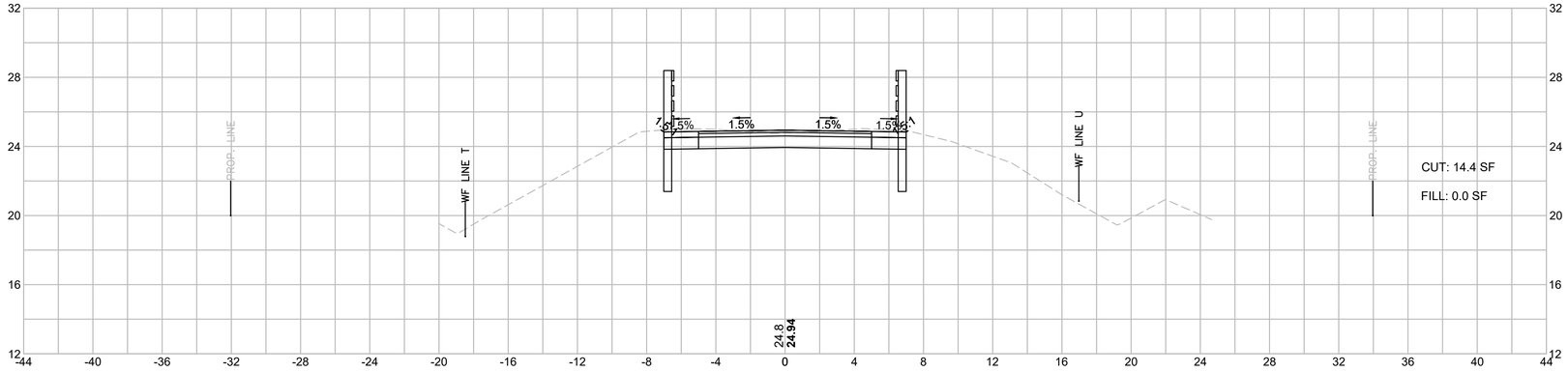
TOWN OF MARION
SHARED-USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	195	274
PROJECT FILE NO.	607979		

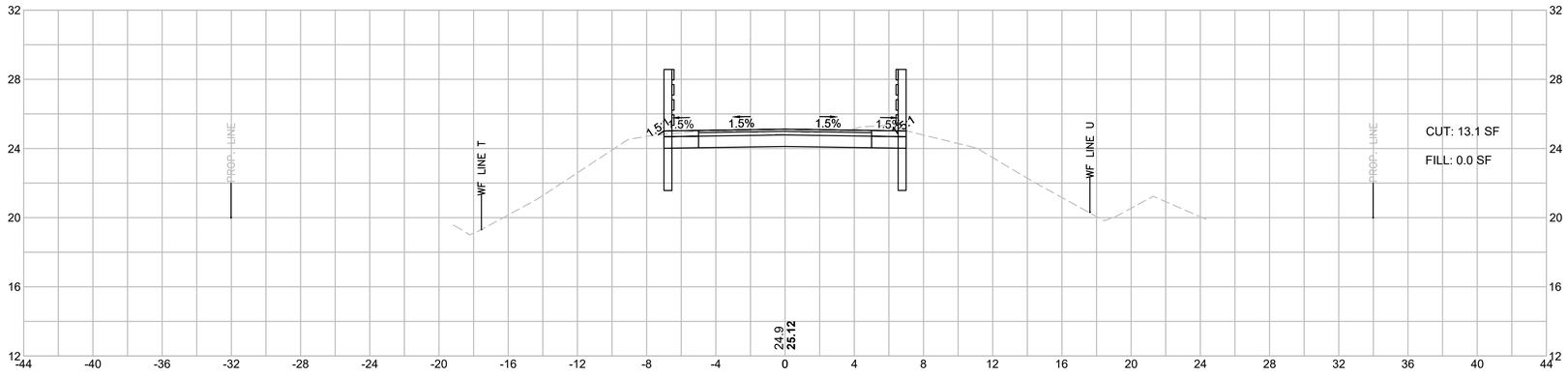
CROSS SECTIONS
SHEET 72 OF 151

607979_XSECT.DWG Plotted on 28-Sep-2017 3:43 PM

196+00



195+50



HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

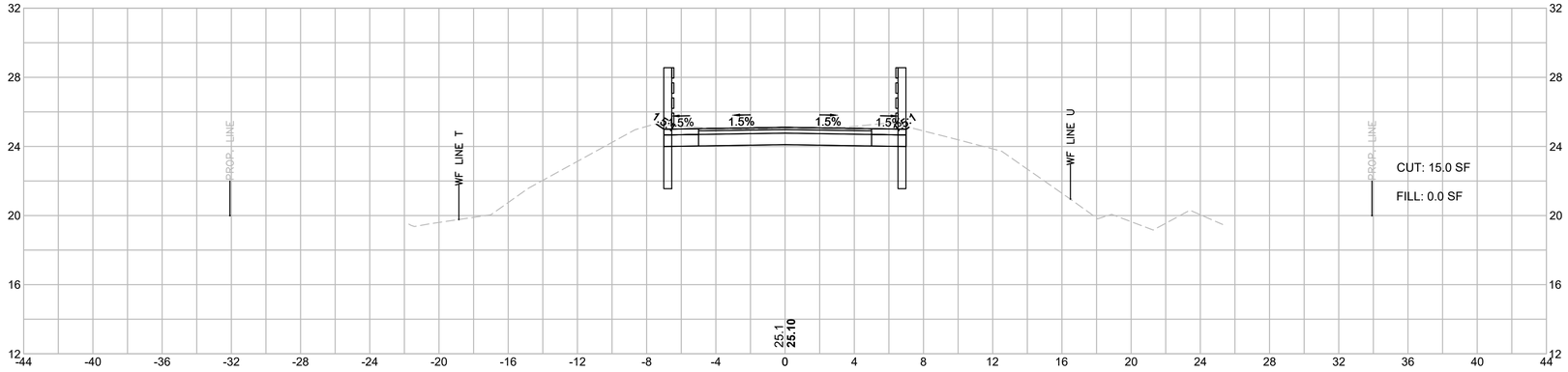
TOWN OF MARION
SHARED-USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	196	274
PROJECT FILE NO.	607979		

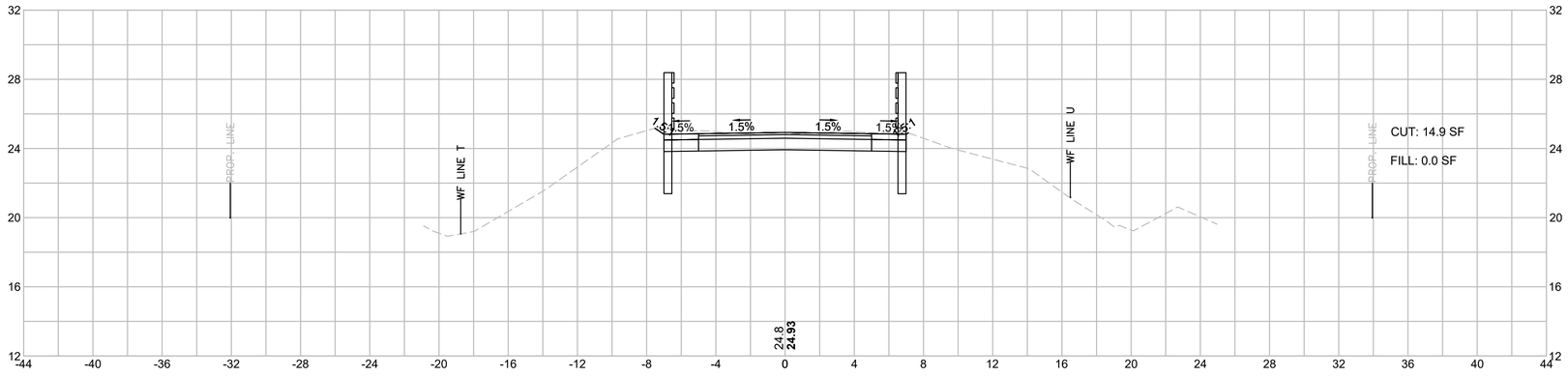
CROSS SECTIONS
SHEET 73 OF 151

607979_XSECT.DWG Plotted on 28-Sep-2017 3:43 PM

197+00



196+50



HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

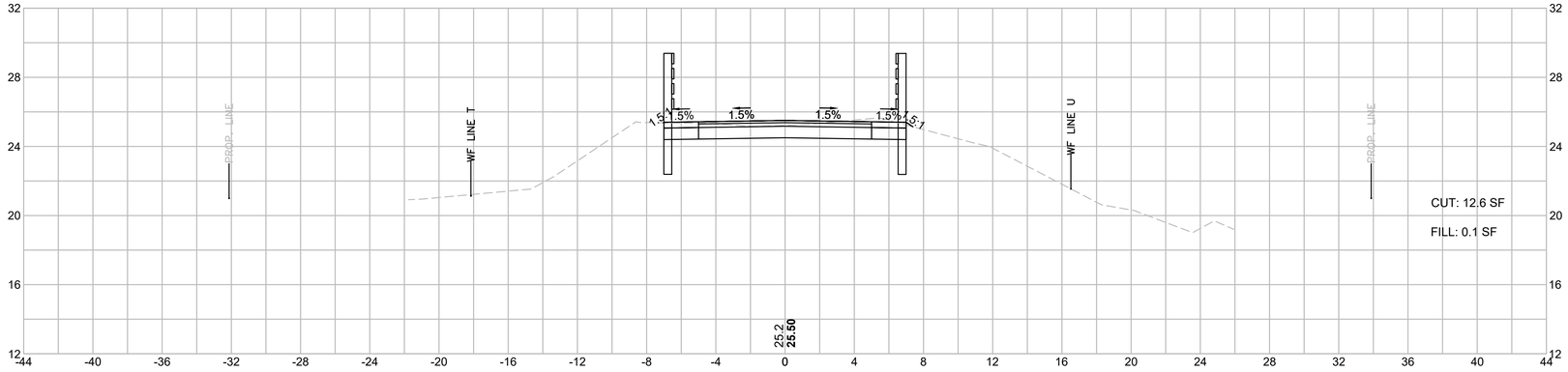
TOWN OF MARION
SHARED-USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	197	274
PROJECT FILE NO.	607979		

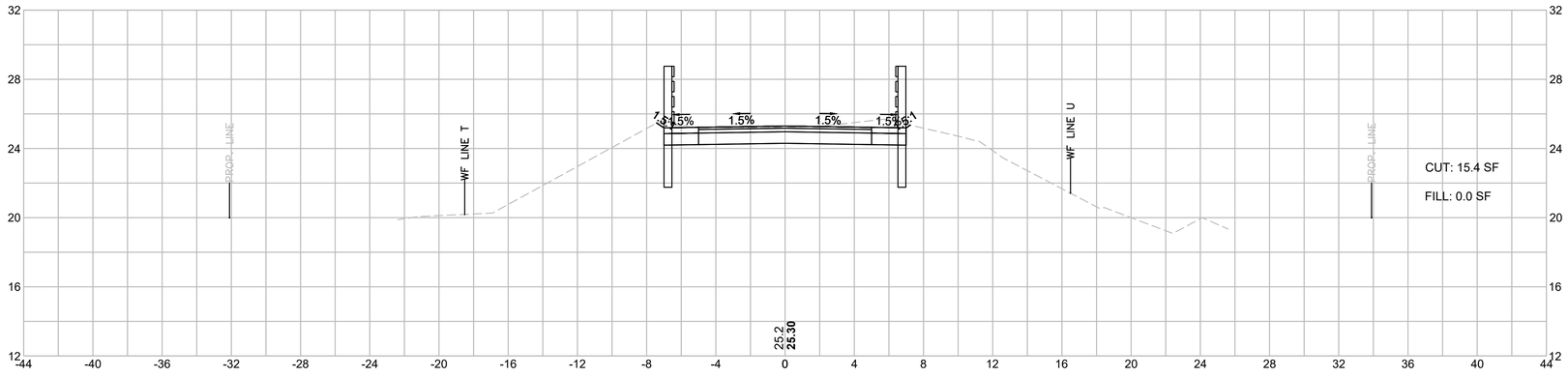
CROSS SECTIONS
SHEET 74 OF 151

607979_XSECT.DWG Plotted on 28-Sep-2017 3:43 PM

198+00



197+50



HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

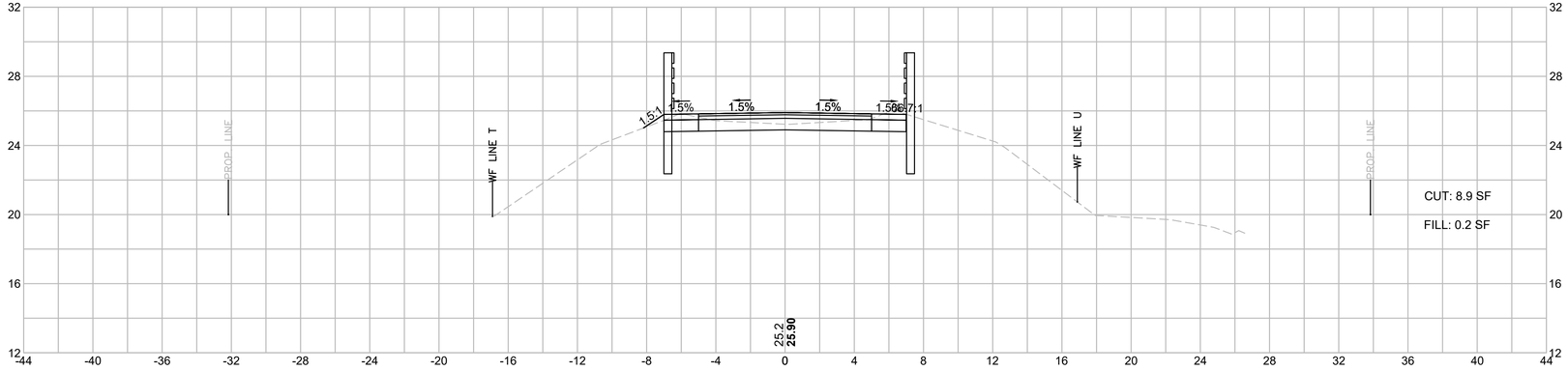
TOWN OF MARION
SHARED-USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	198	274
PROJECT FILE NO.	607979		

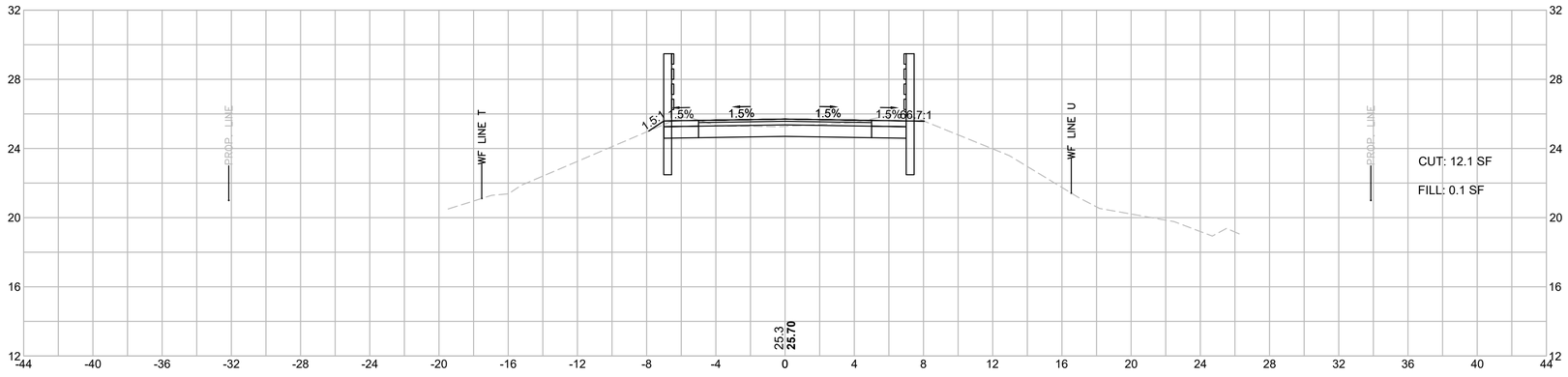
CROSS SECTIONS
SHEET 75 OF 151

607979_XSECT.DWG Plotted on 28-Sep-2017 3:43 PM

199+00



198+50



HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

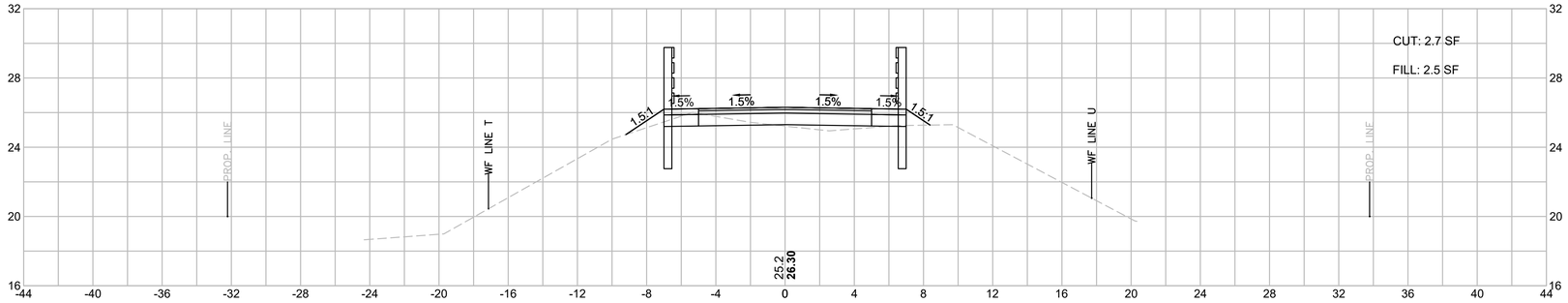
TOWN OF MARION
SHARED-USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	199	274
PROJECT FILE NO.	607979		

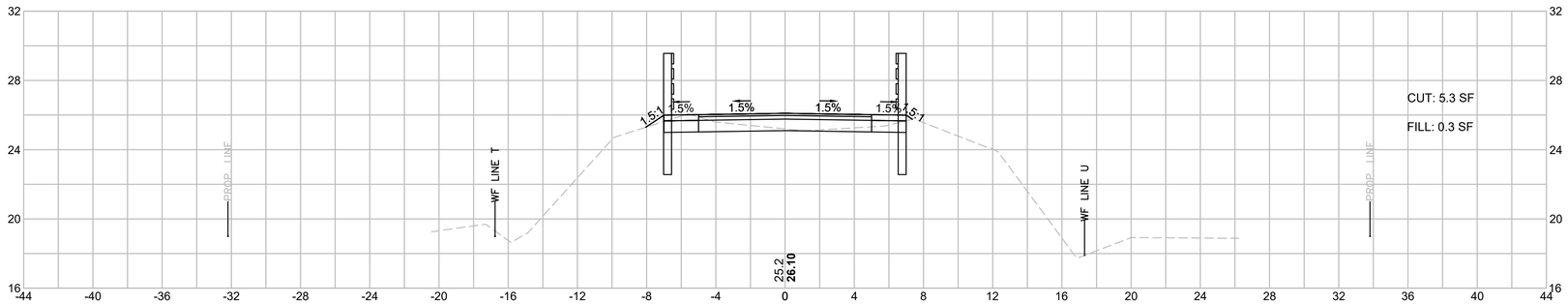
CROSS SECTIONS
SHEET 76 OF 151

607979_XSECT.DWG Plotted on 28-Sep-2017 3:43 PM

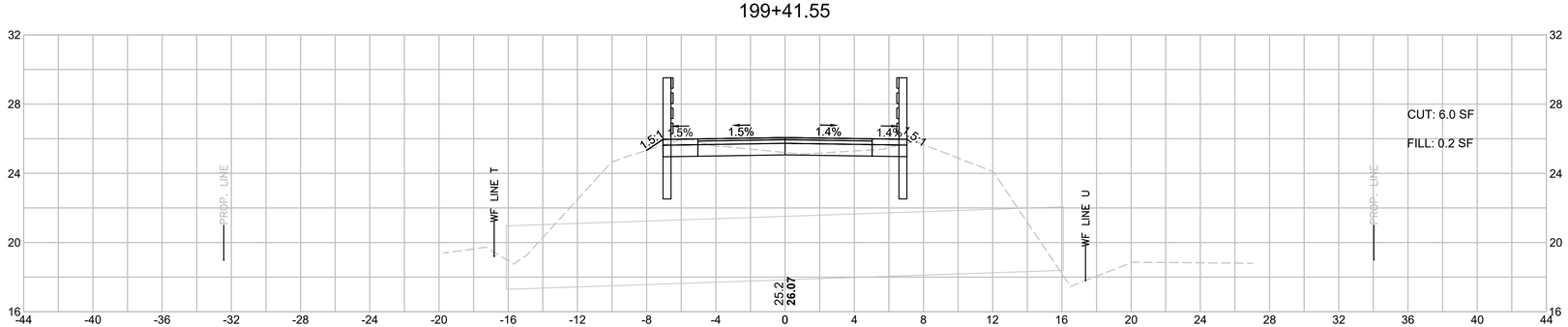
200+00



199+50



199+41.55



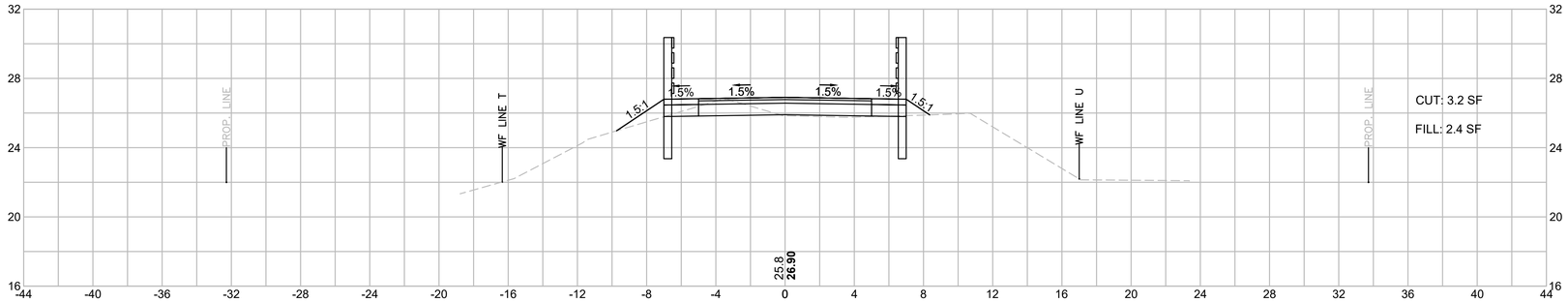
HOR. SCALE IN FEET
4 0 4 8
VER. SCALE IN FEET
4 0 4 8

TOWN OF MARION
SHARED-USE PATH - PHASE 1

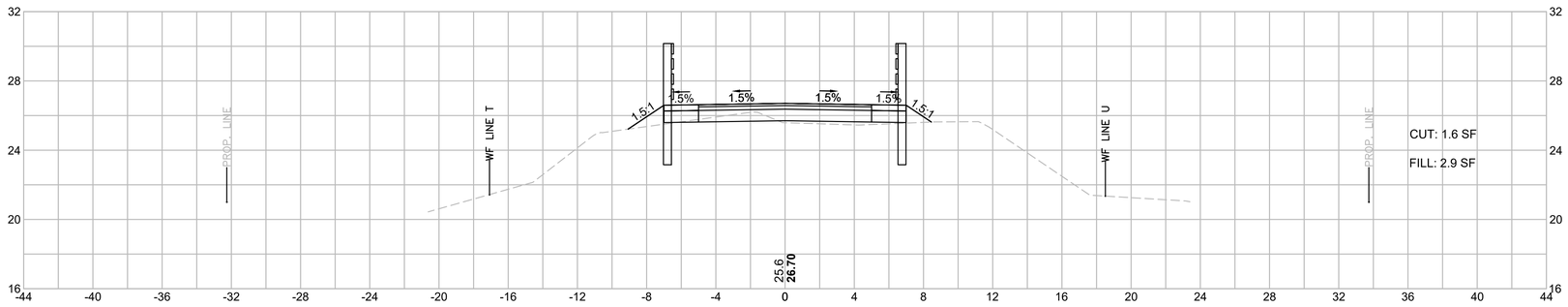
STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	200	274
PROJECT FILE NO.	607979		

CROSS SECTIONS
SHEET 77 OF 151

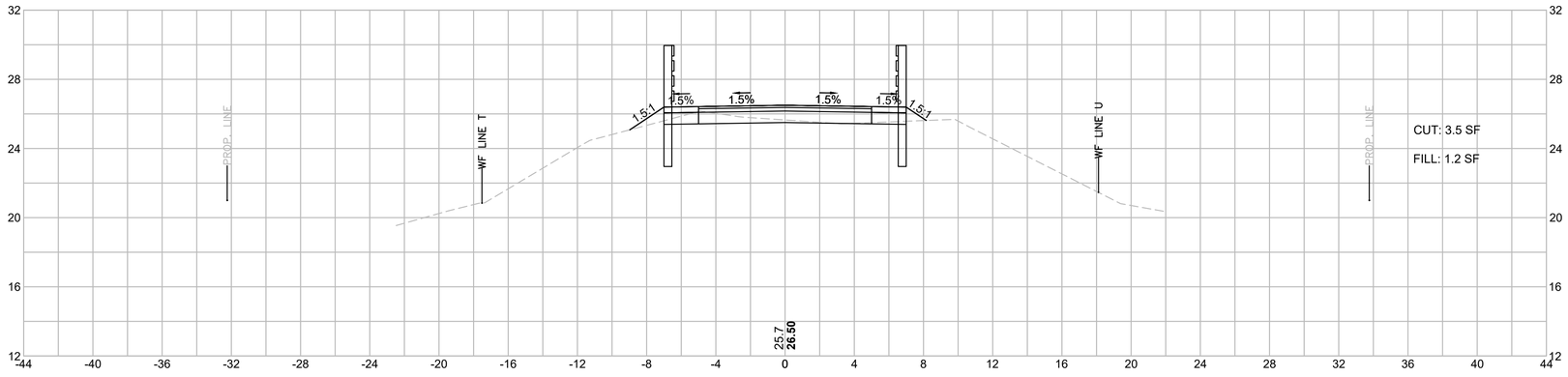
201+50



201+00



200+50



HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

607979_XSECT.DWG Plotted on 28-Sep-2017 3:43 PM

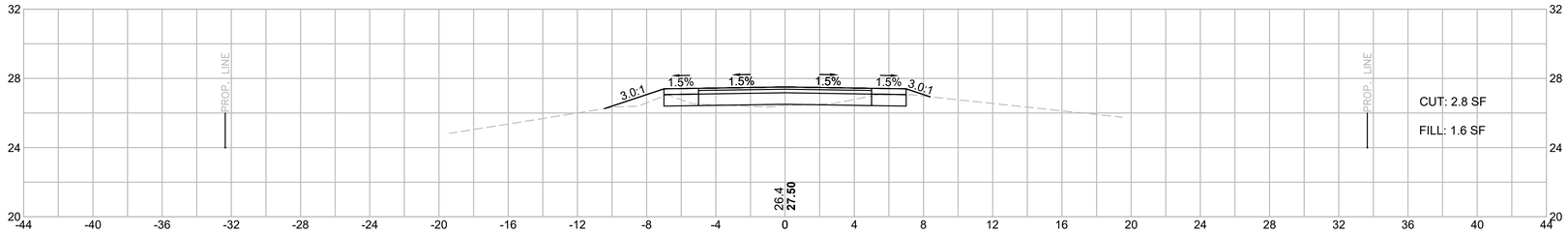
TOWN OF MARION
SHARED-USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	201	274
PROJECT FILE NO.	607979		

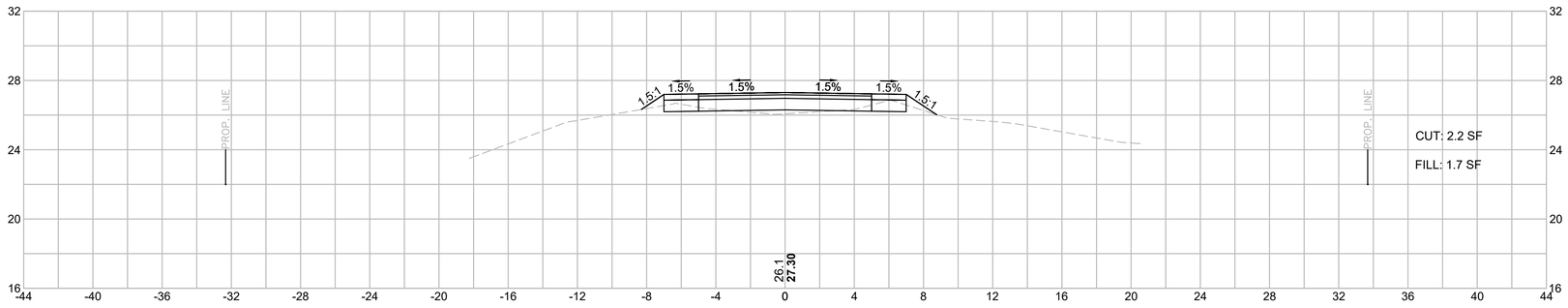
CROSS SECTIONS
SHEET 78 OF 151

607979_XSECT.DWG Plotted on 28-Sep-2017 3:43 PM

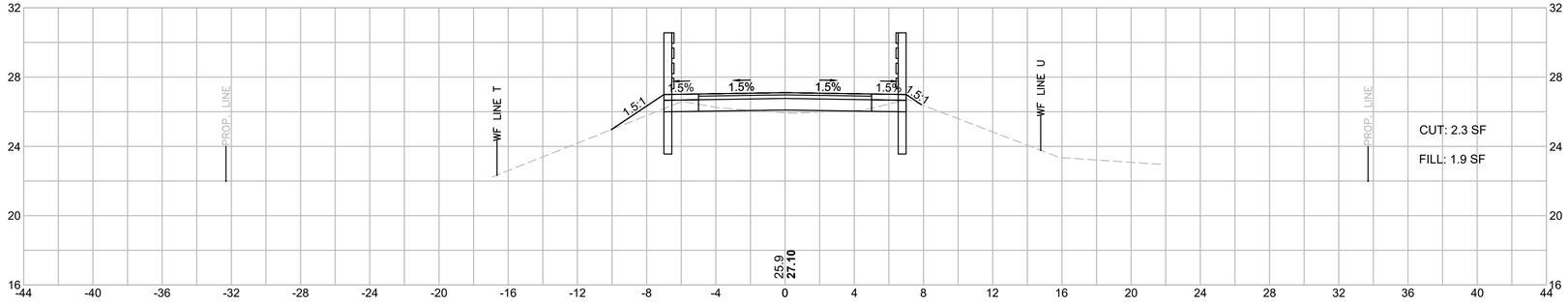
203+00



202+50



202+00



HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

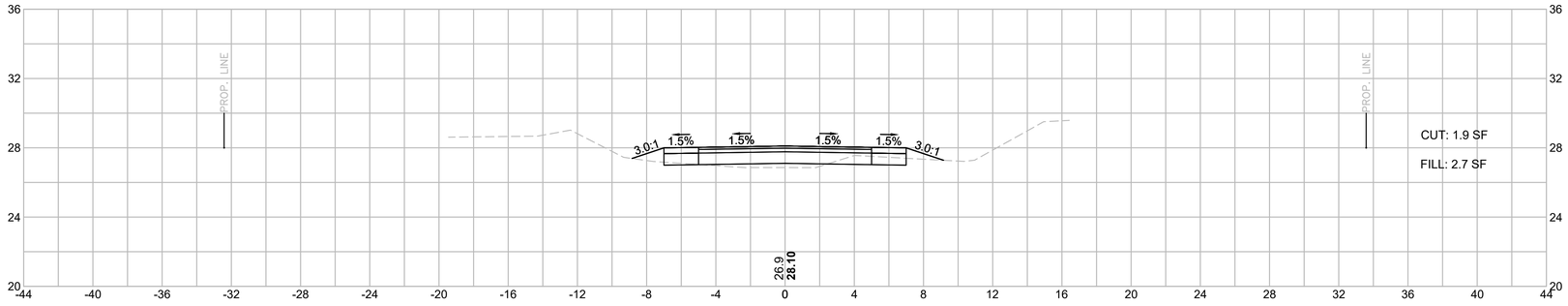
TOWN OF MARION
SHARED-USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	202	274
PROJECT FILE NO.	607979		

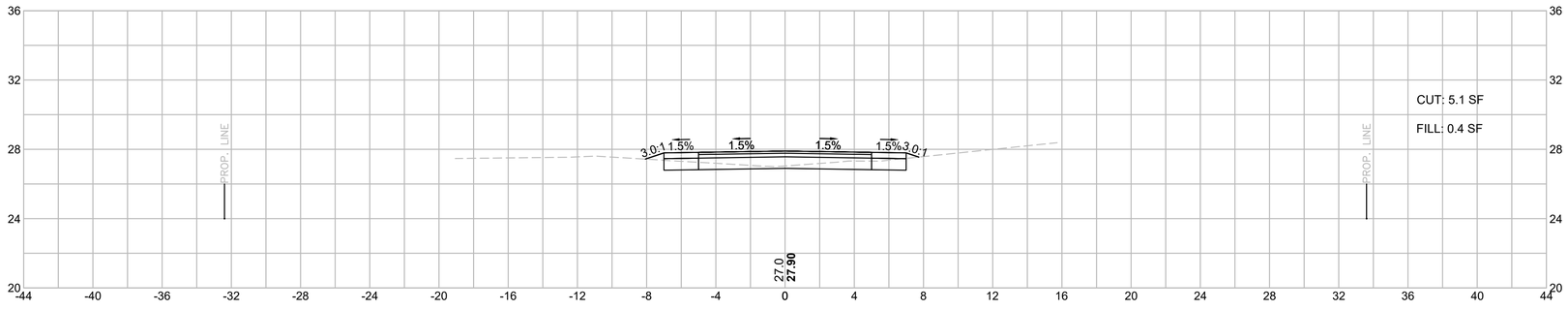
CROSS SECTIONS
SHEET 79 OF 151

607979_XSECT.DWG Plotted on 28-Sep-2017 3:43 PM

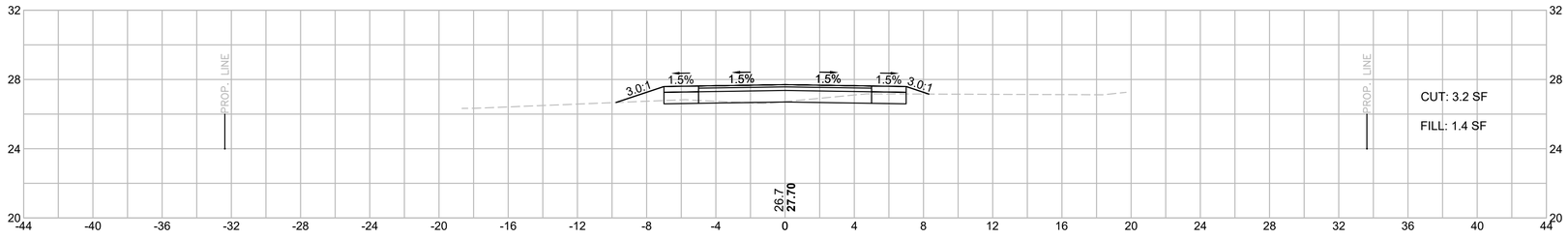
204+50



204+00



203+50



HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

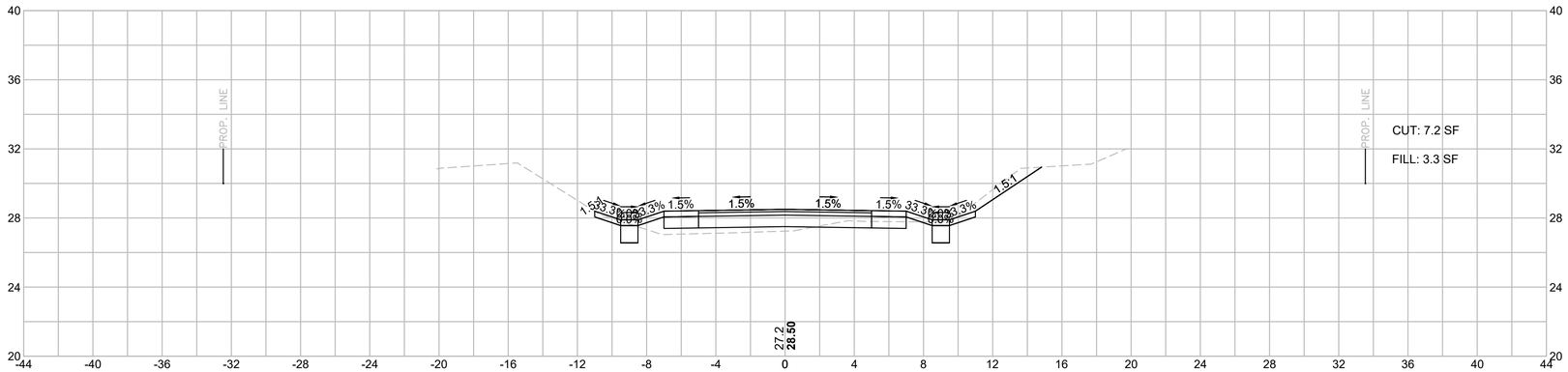
TOWN OF MARION
SHARED-USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	203	274
PROJECT FILE NO.	607979		

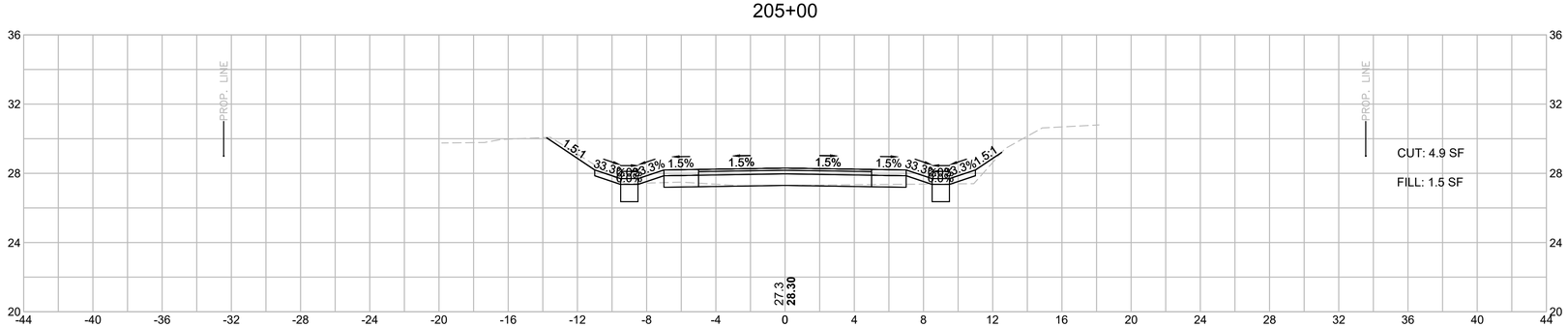
CROSS SECTIONS
SHEET 80 OF 151

607979_XSECT.DWG Plotted on 28-Sep-2017 3:43 PM

205+50



205+00



HOR. SCALE IN FEET
4 0 4 8
VER. SCALE IN FEET
4 0 4 8

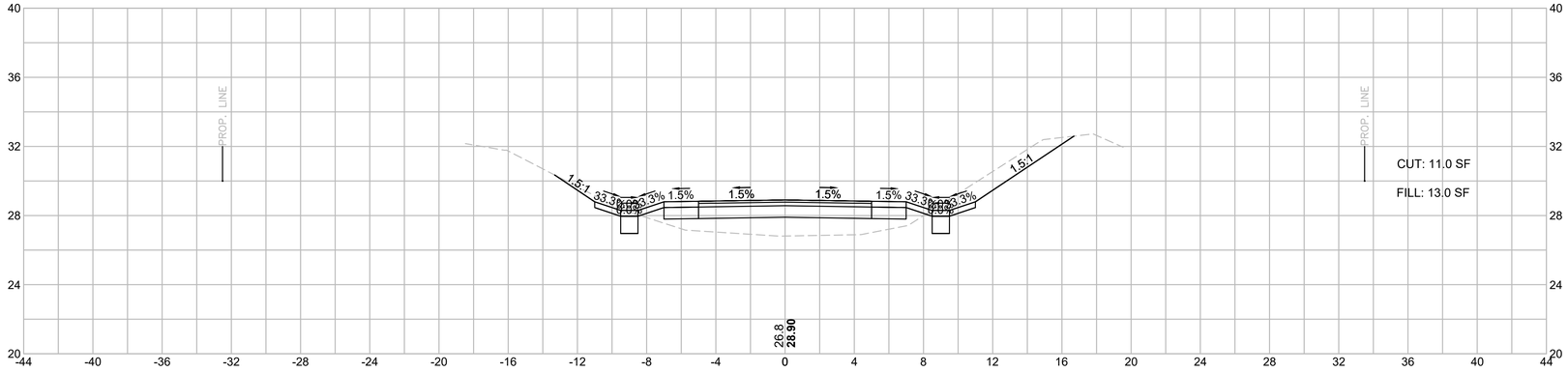
TOWN OF MARION
SHARED-USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	204	274
PROJECT FILE NO.	607979		

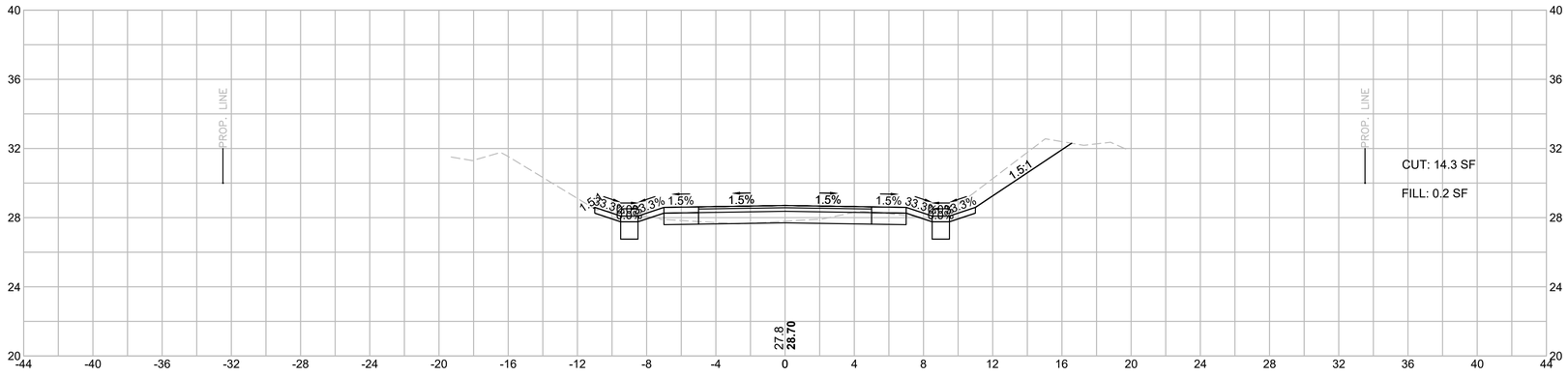
CROSS SECTIONS
SHEET 81 OF 151

607979_XSECT.DWG Plotted on 28-Sep-2017 3:43 PM

206+50



206+00



HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

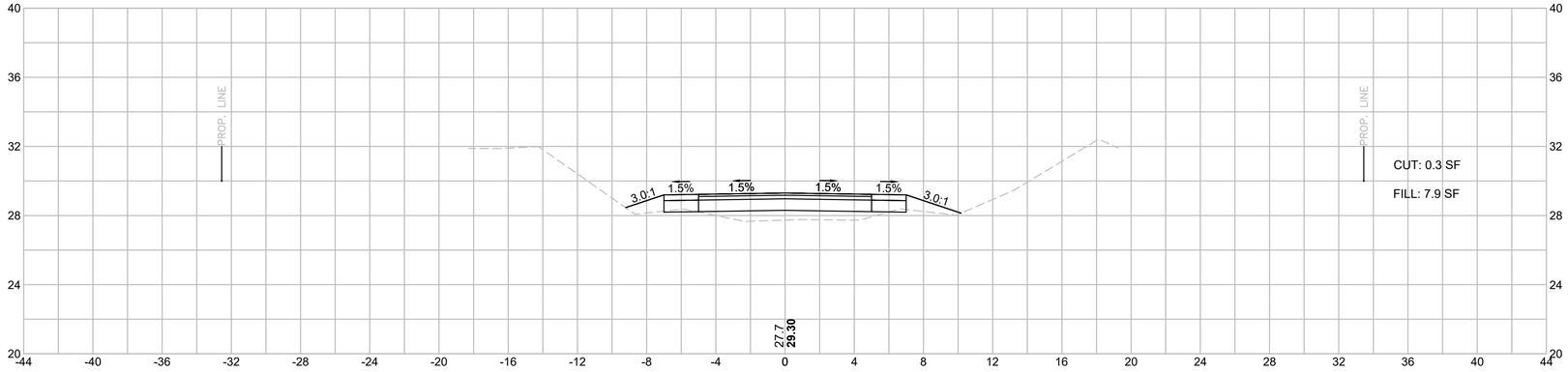
TOWN OF MARION
SHARED-USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	205	274
PROJECT FILE NO.	607979		

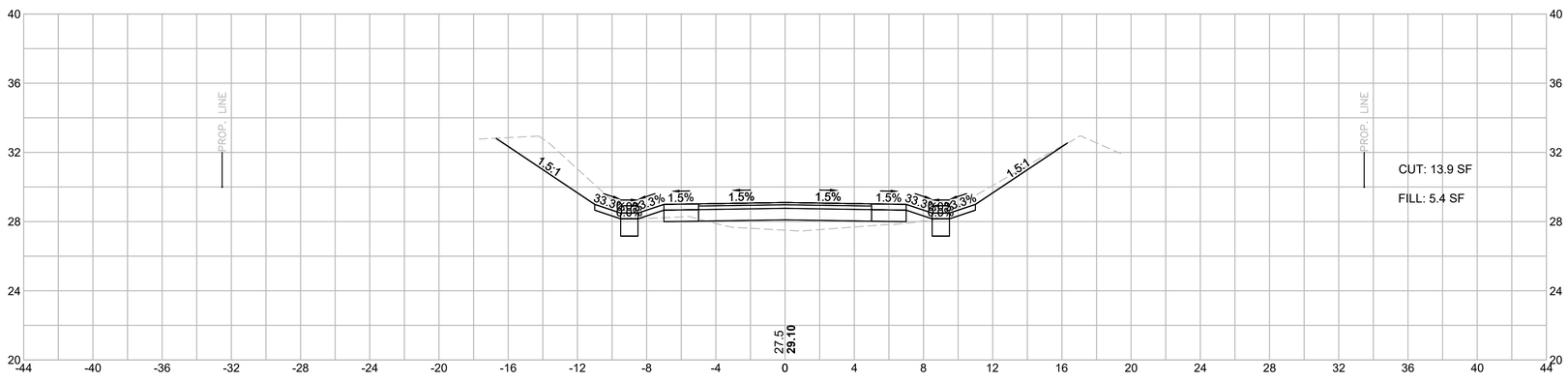
CROSS SECTIONS
SHEET 82 OF 151

607979_XSECT.DWG Plotted on 28-Sep-2017 3:43 PM

207+50



207+00



HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

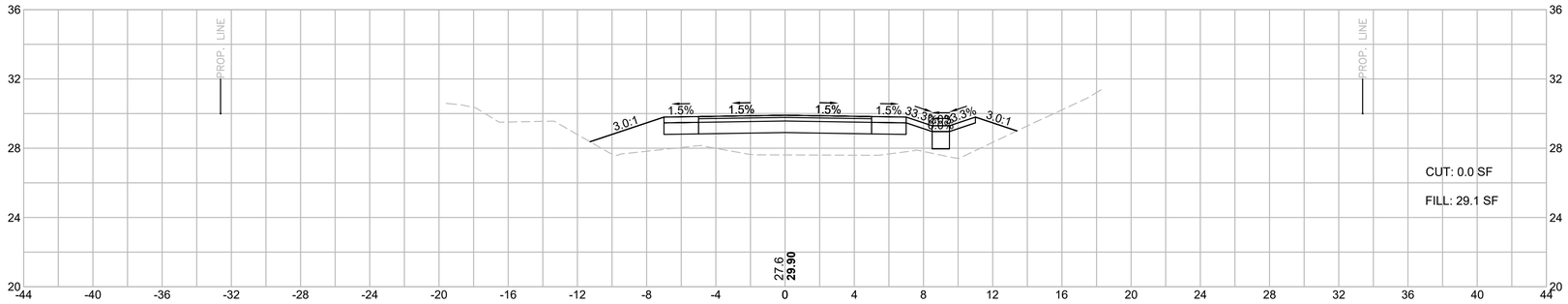
TOWN OF MARION
SHARED-USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	206	274
PROJECT FILE NO.	607979		

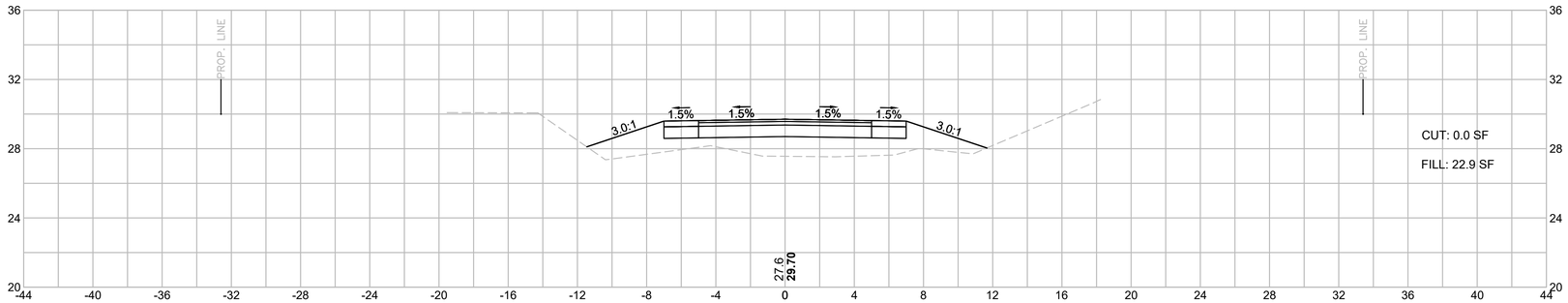
CROSS SECTIONS
SHEET 83 OF 151

607979_XSECT.DWG Plotted on 28-Sep-2017 3:43 PM

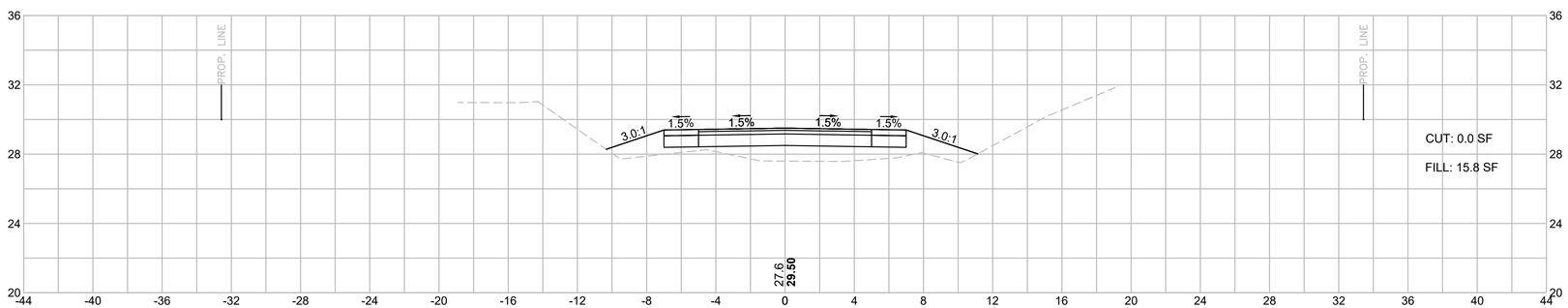
209+00



208+50



208+00



HOR. SCALE IN FEET
4 0 4 8
VER. SCALE IN FEET
4 0 4 8

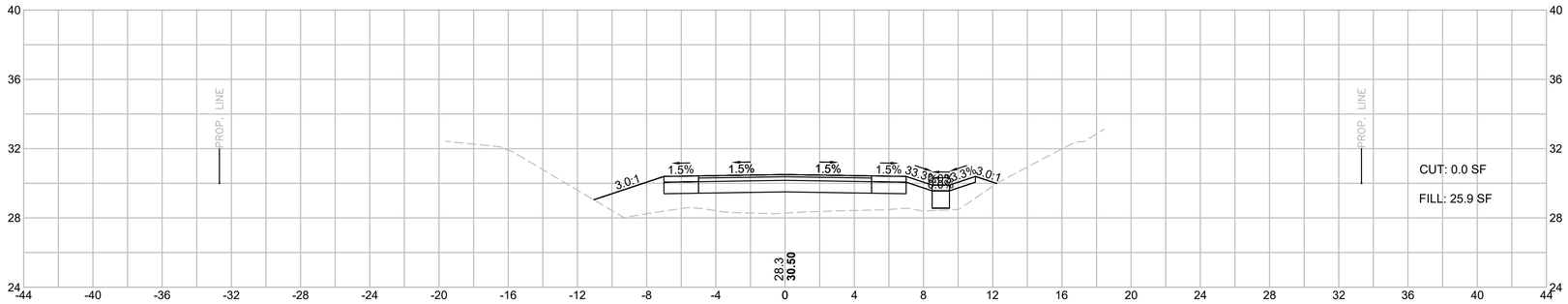
TOWN OF MARION
SHARED-USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	207	274
PROJECT FILE NO.	607979		

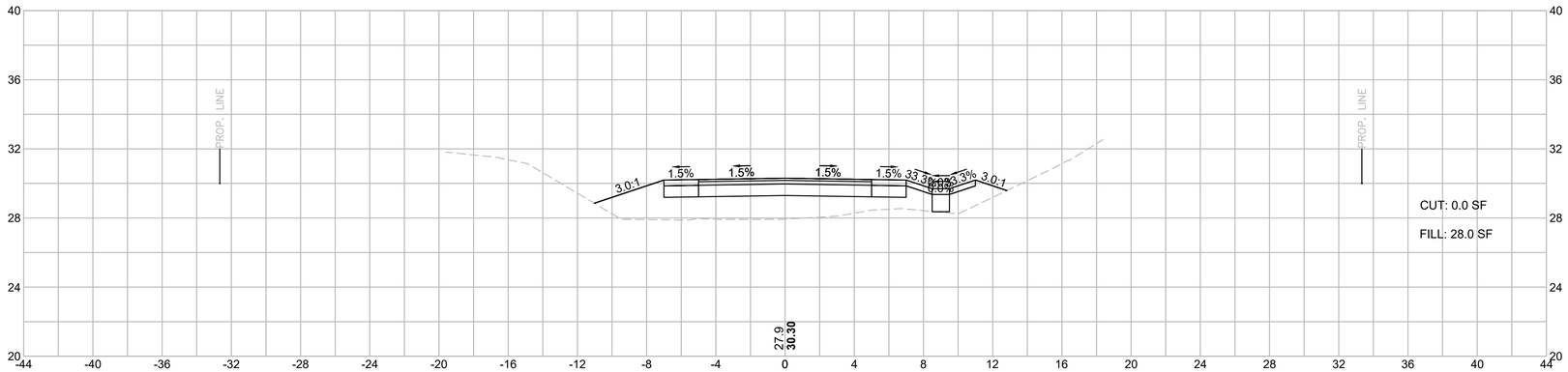
CROSS SECTIONS
SHEET 84 OF 151

607979_XSECT.DWG Plotted on 28-Sep-2017 3:43 PM

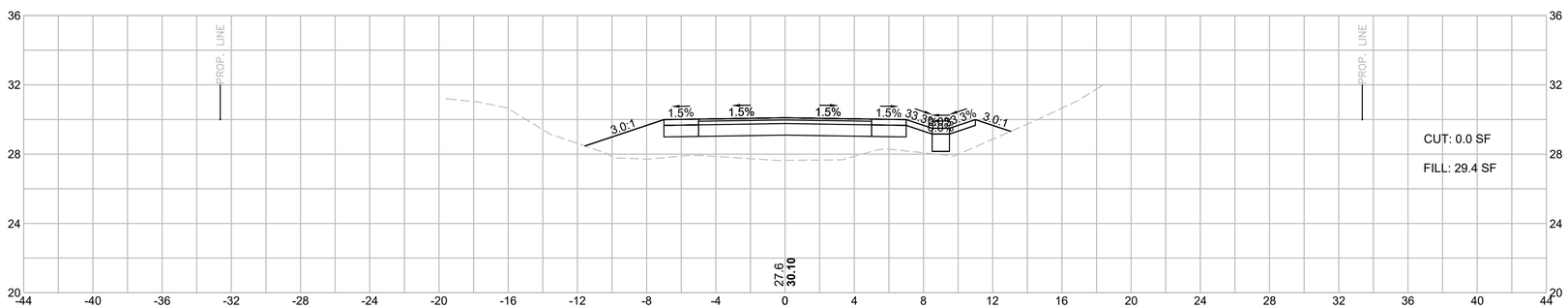
210+50



210+00



209+50



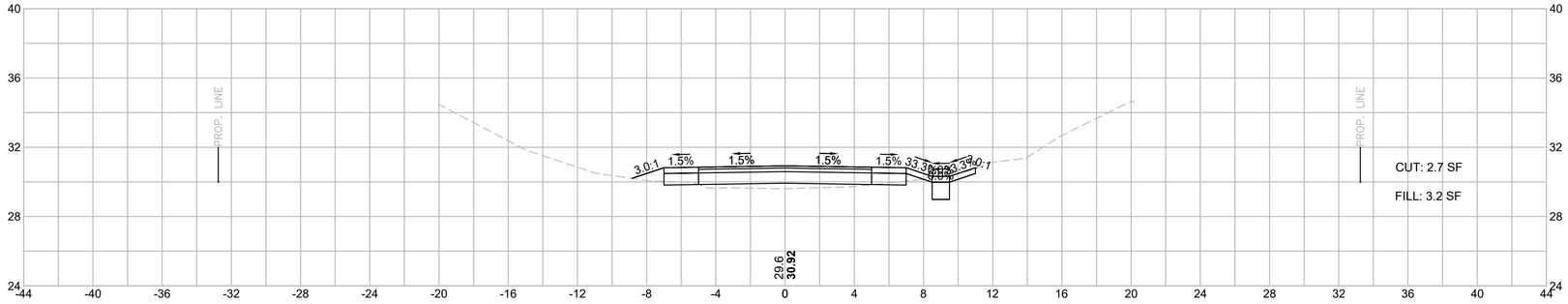
HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

TOWN OF MARION
SHARED-USE PATH - PHASE 1

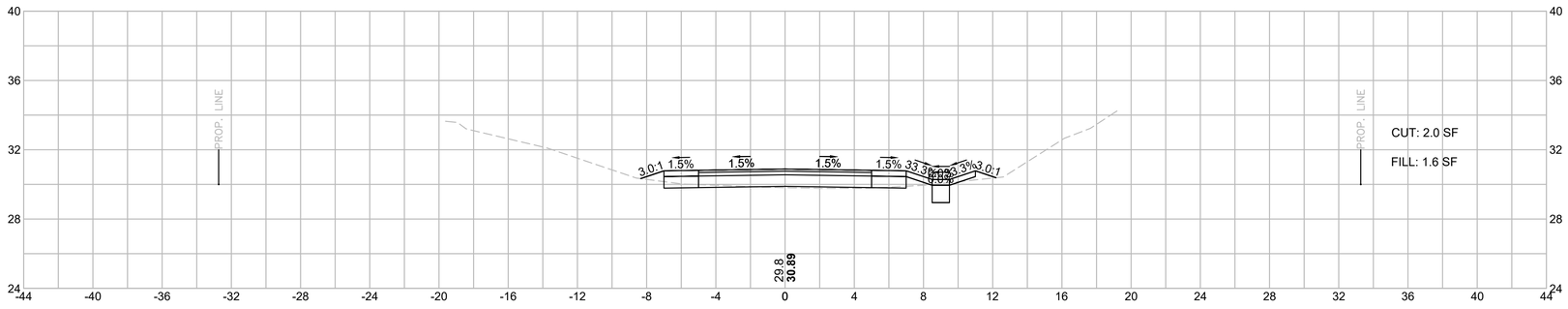
STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	208	274
PROJECT FILE NO.	607979		

CROSS SECTIONS
SHEET 85 OF 151

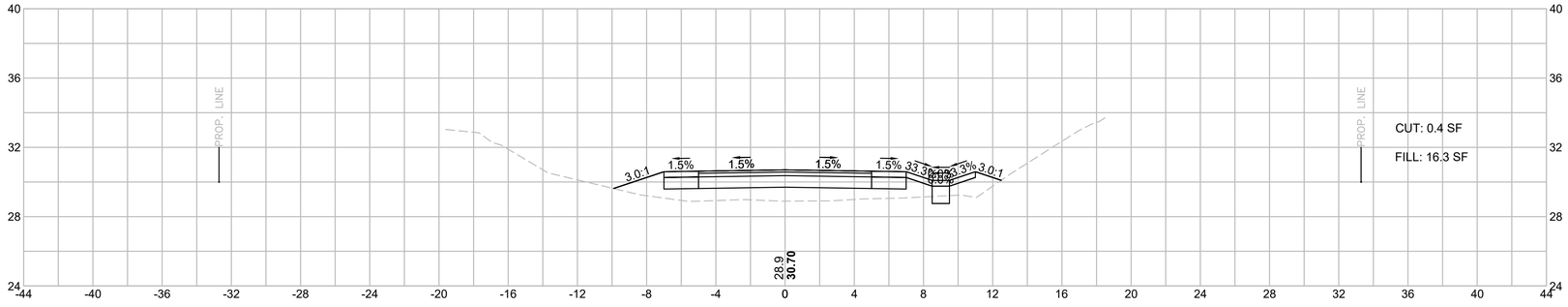
212+00



211+50



211+00



HOR. SCALE IN FEET
4 0 4 8
VER. SCALE IN FEET
4 0 4 8

607979_XSECT.DWG Plotted on 28-Sep-2017 3:43 PM

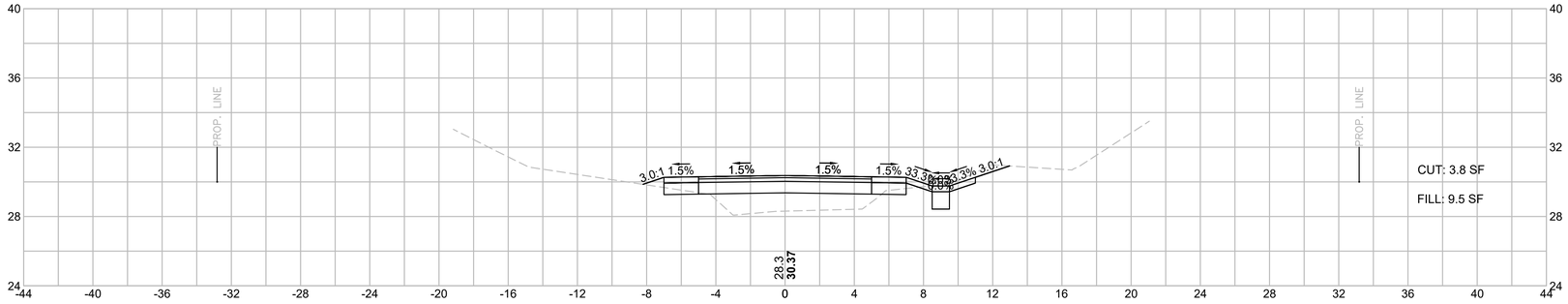
TOWN OF MARION
SHARED-USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	209	274
PROJECT FILE NO.	607979		

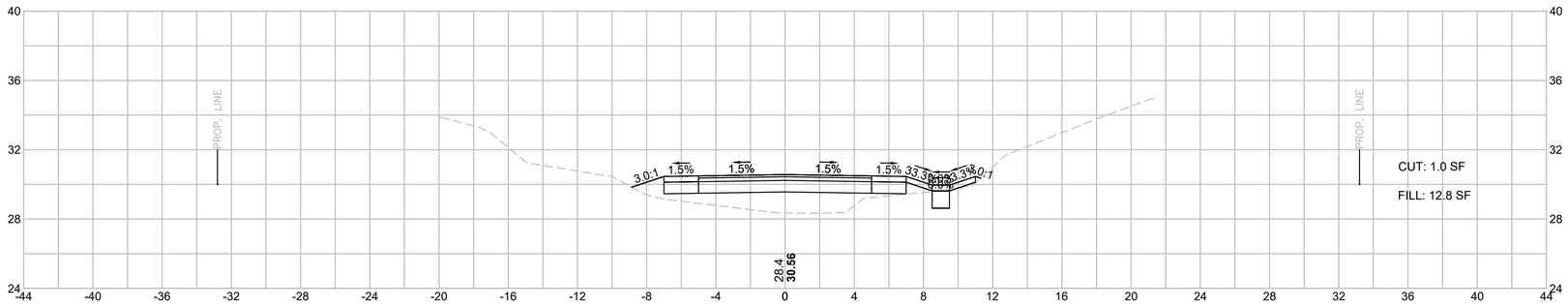
CROSS SECTIONS
SHEET 86 OF 151

607979_XSECT.DWG Plotted on 28-Sep-2017 3:43 PM

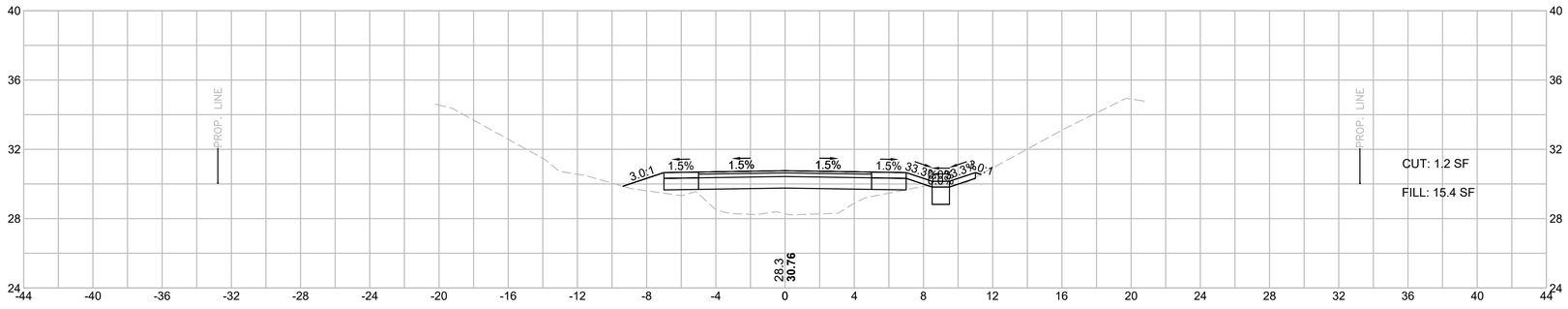
213+50



213+00



212+50



HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

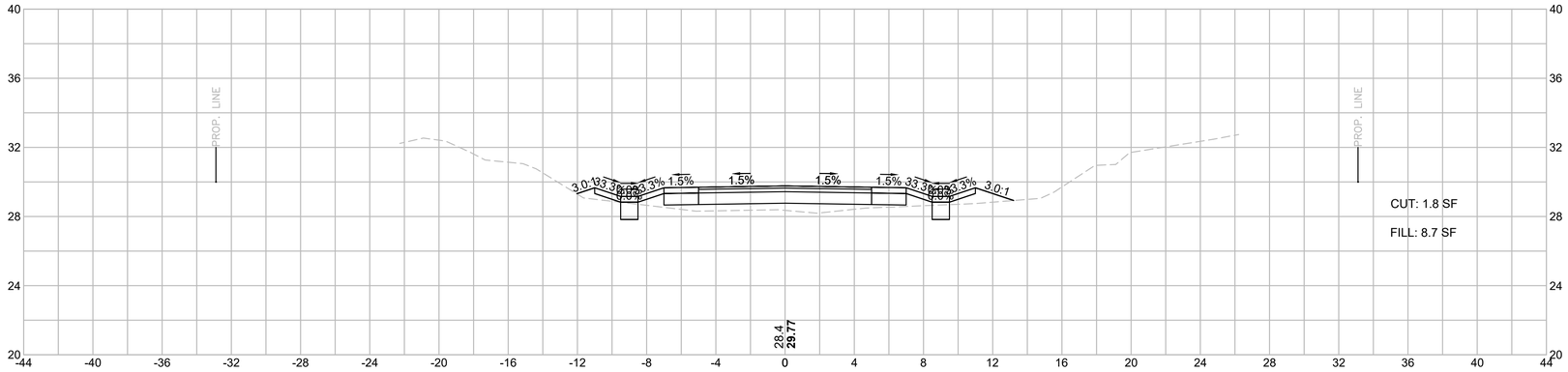
TOWN OF MARION
SHARED-USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	210	274
PROJECT FILE NO.	607979		

CROSS SECTIONS
SHEET 87 OF 151

607979_XSECT.DWG Plotted on 28-Sep-2017 3:43 PM

215+00



214+50

214+00

HOR. SCALE IN FEET
4 0 4 8
VER. SCALE IN FEET
4 0 4 8

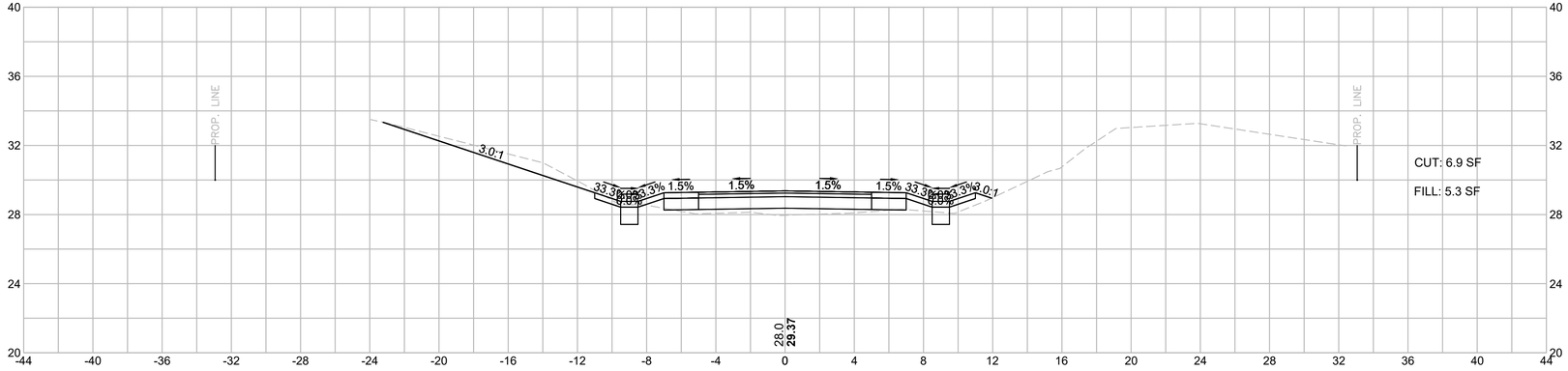
TOWN OF MARION
SHARED-USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	211	274
PROJECT FILE NO.	607979		

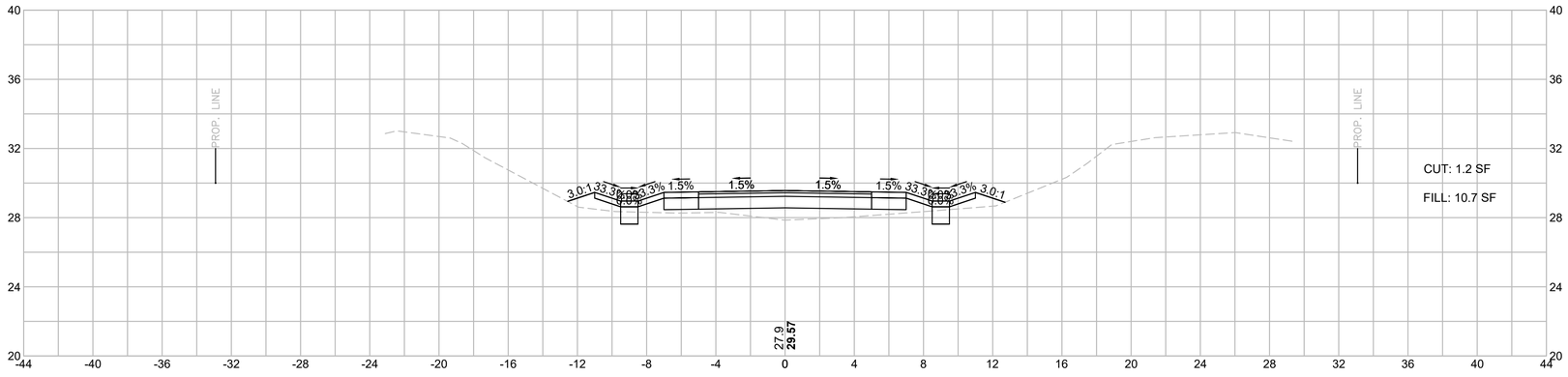
CROSS SECTIONS
SHEET 88 OF 151

607979_XSECT.DWG Plotted on 28-Sep-2017 3:43 PM

216+00



215+50



HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

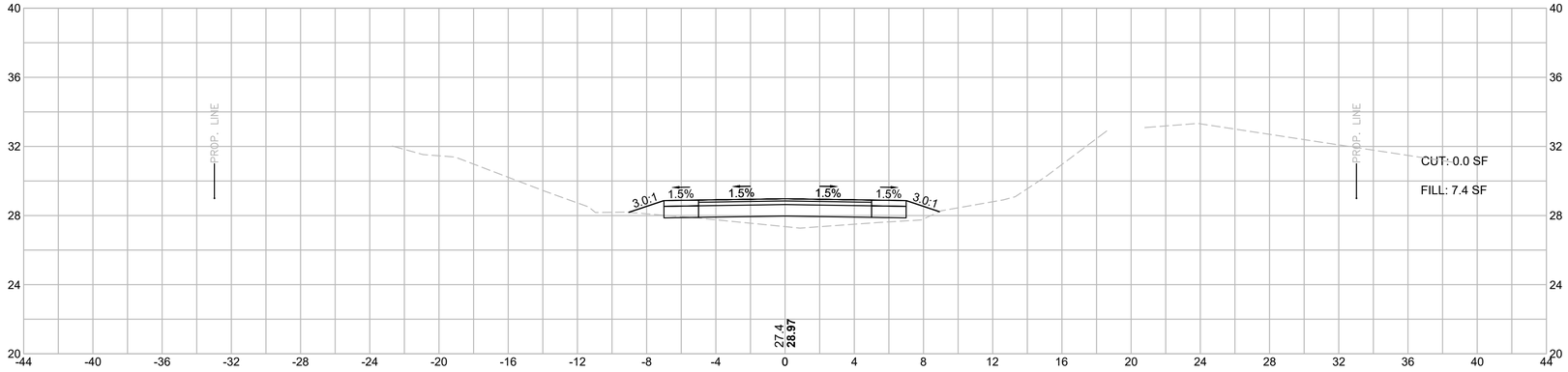
TOWN OF MARION
SHARED-USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	212	274
PROJECT FILE NO.	607979		

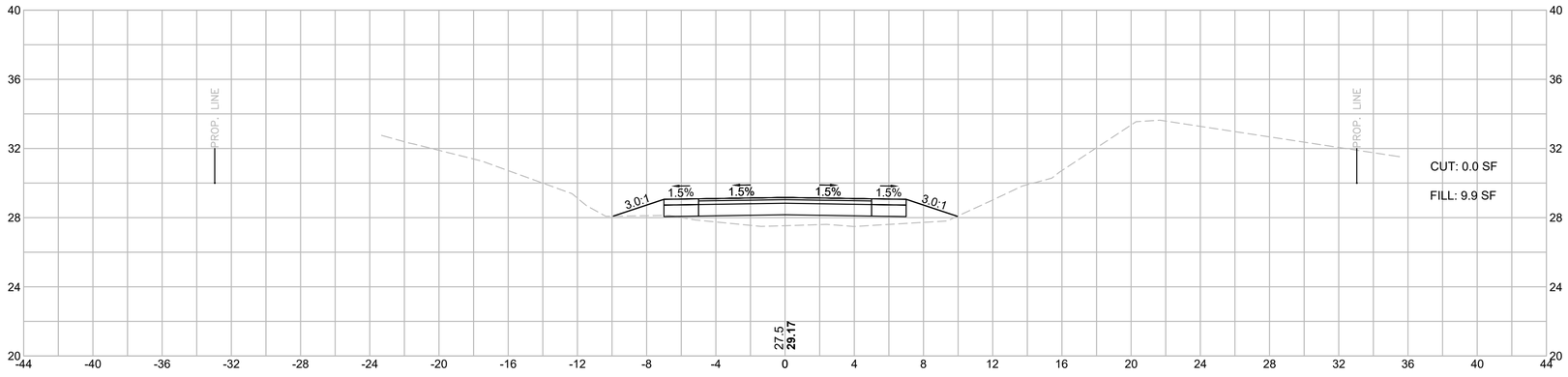
CROSS SECTIONS
SHEET 89 OF 151

607979_XSECT.DWG Plotted on 28-Sep-2017 3:43 PM

217+00



216+50



HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

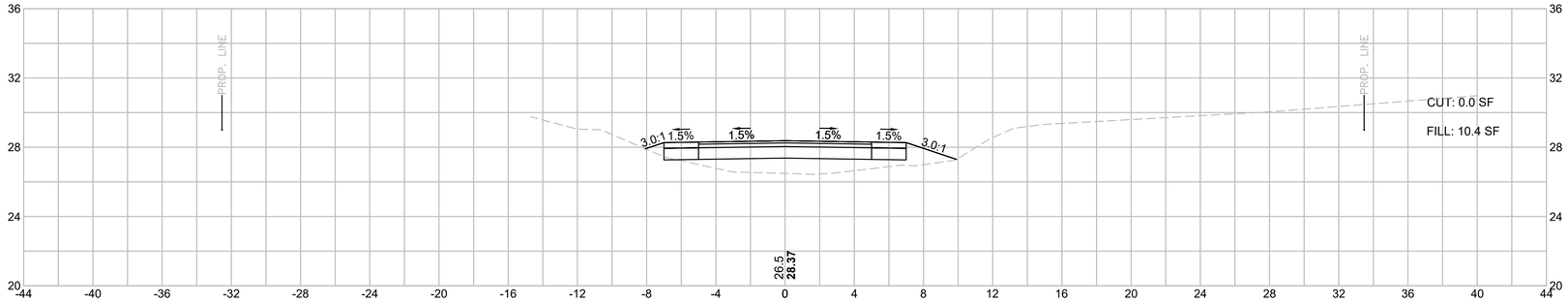
TOWN OF MARION
SHARED-USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	213	274
PROJECT FILE NO.	607979		

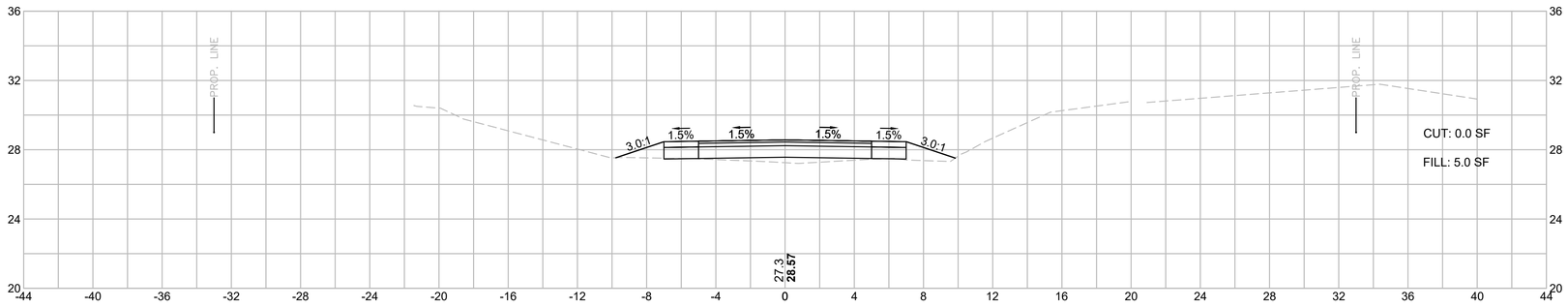
CROSS SECTIONS
SHEET 90 OF 151

607979_XSECT.DWG Plotted on 28-Sep-2017 3:43 PM

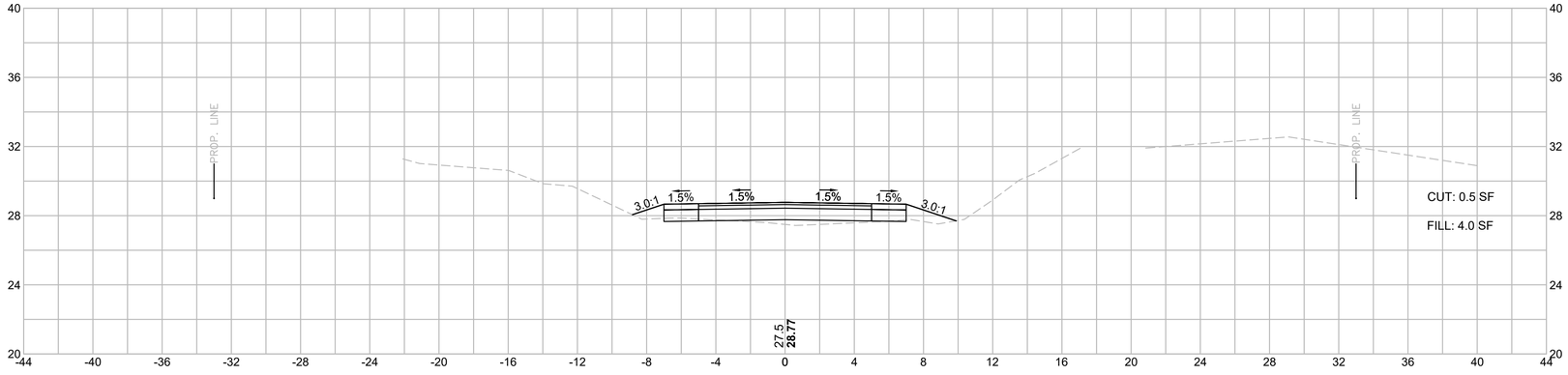
218+50



218+00



217+50



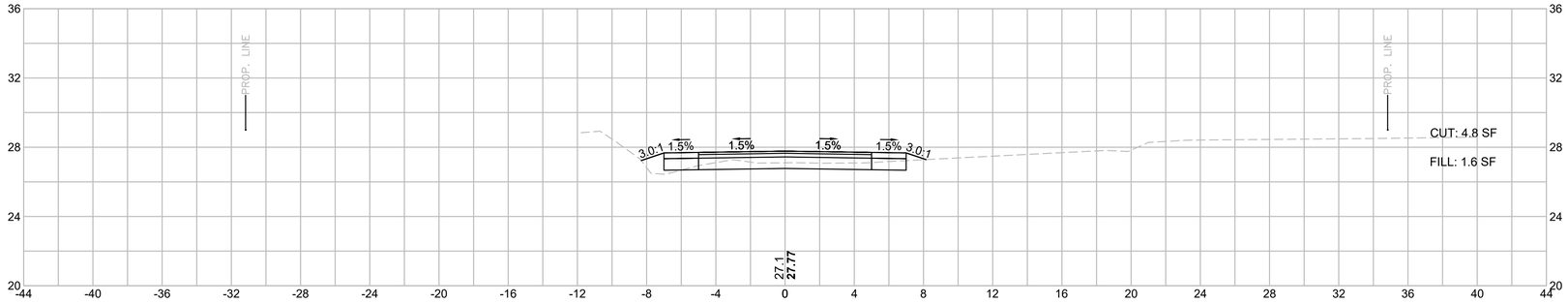
HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

TOWN OF MARION
SHARED-USE PATH - PHASE 1

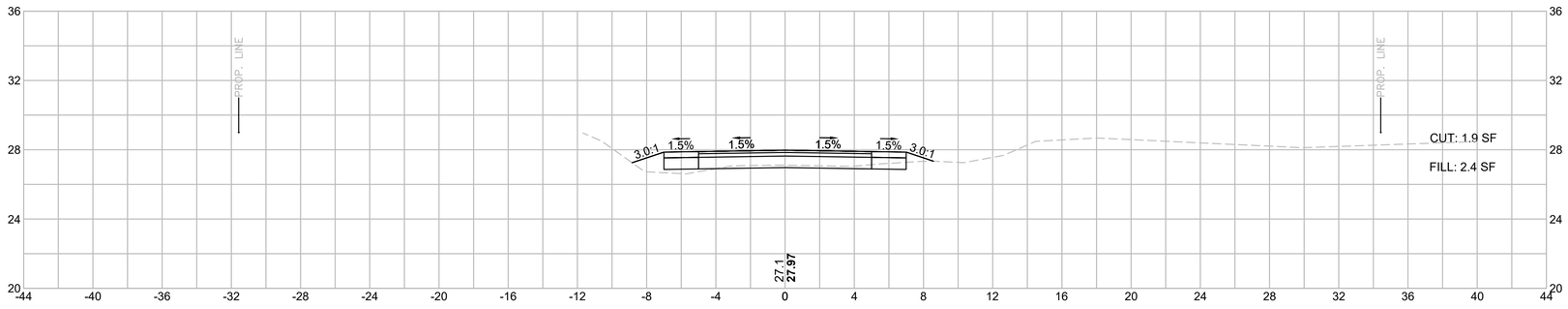
STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	214	274
PROJECT FILE NO.	607979		

CROSS SECTIONS
SHEET 91 OF 151

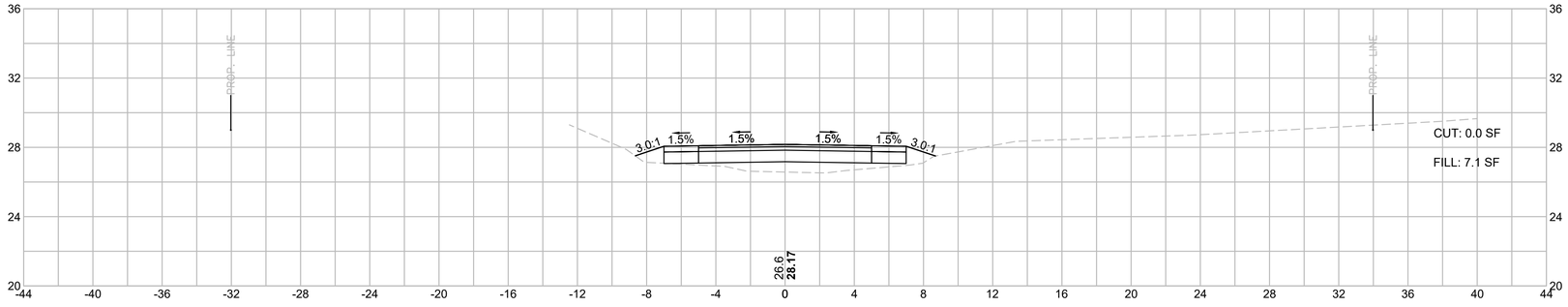
220+00



219+50



219+00



HOR. SCALE IN FEET
4 0 4 8
VER. SCALE IN FEET
4 0 4 8

607979_XSECT.DWG Plotted on 28-Sep-2017 3:43 PM

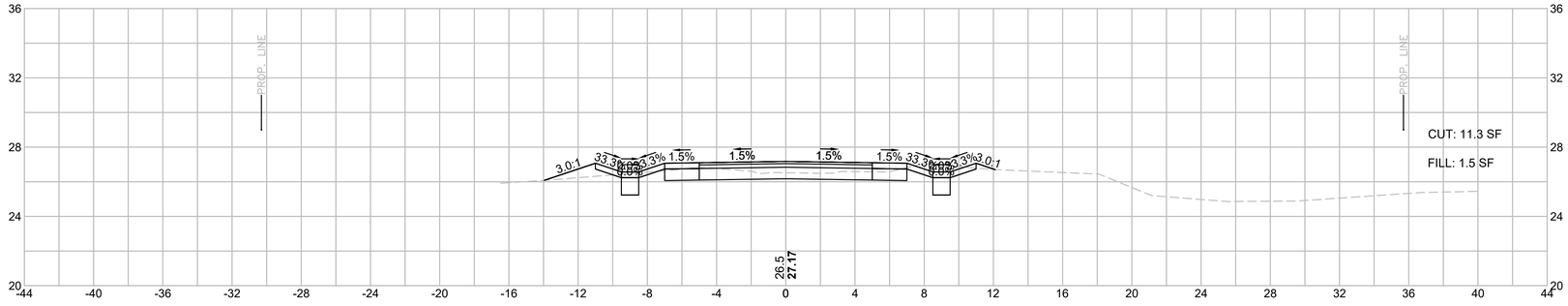
TOWN OF MARION
SHARED-USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	215	274
PROJECT FILE NO.	607979		

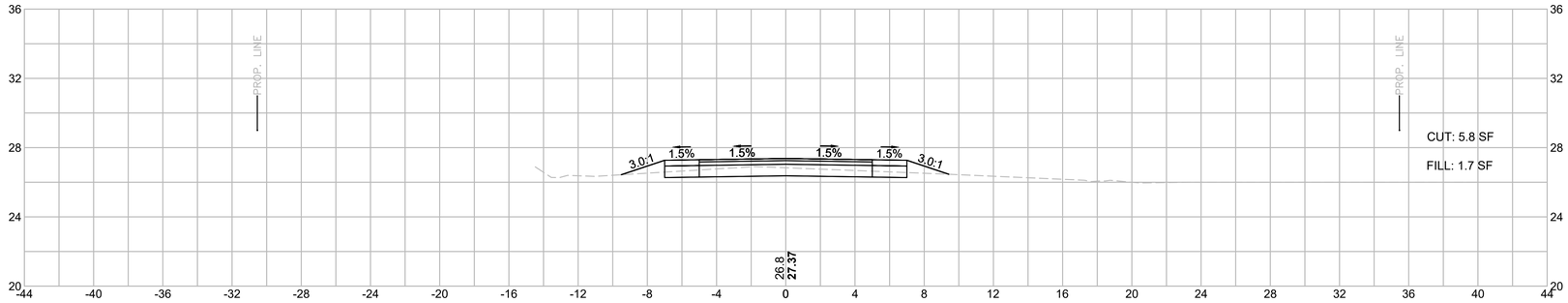
CROSS SECTIONS
SHEET 92 OF 151

607979_XSECT.DWG Plotted on 28-Sep-2017 3:43 PM

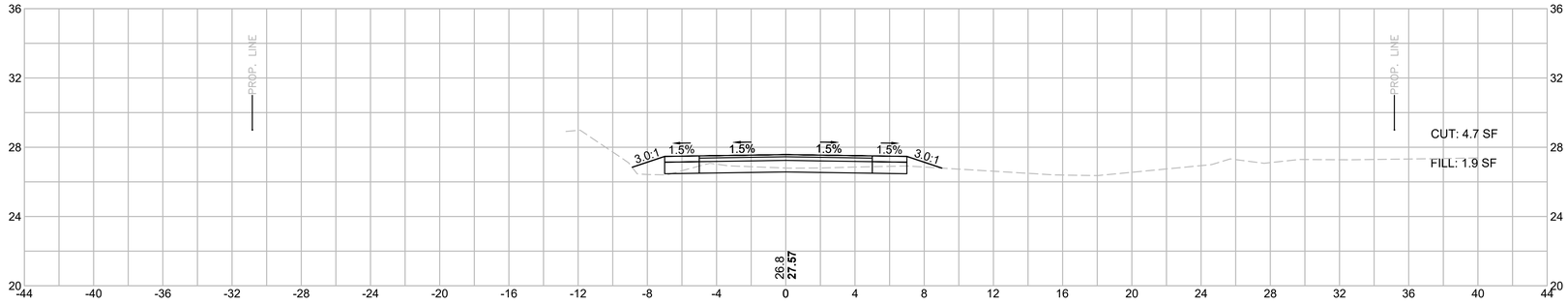
221+50



221+00



220+50



HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

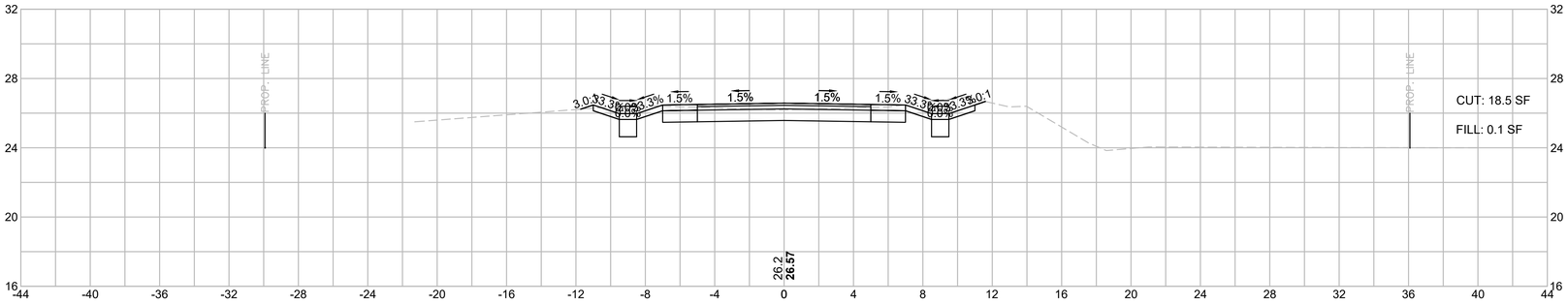
TOWN OF MARION
SHARED-USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	216	274
PROJECT FILE NO.	607979		

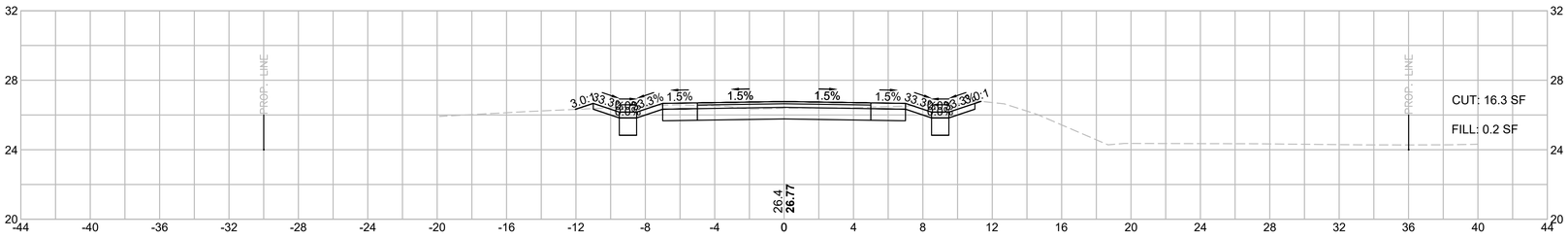
CROSS SECTIONS
SHEET 93 OF 151

607979_XSECT.DWG Plotted on 28-Sep-2017 3:43 PM

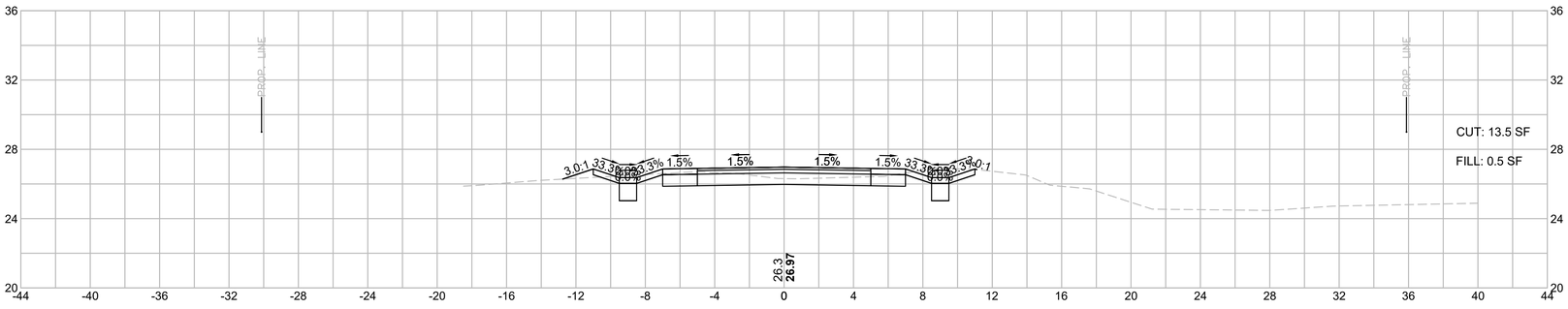
223+00



222+50



222+00



HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

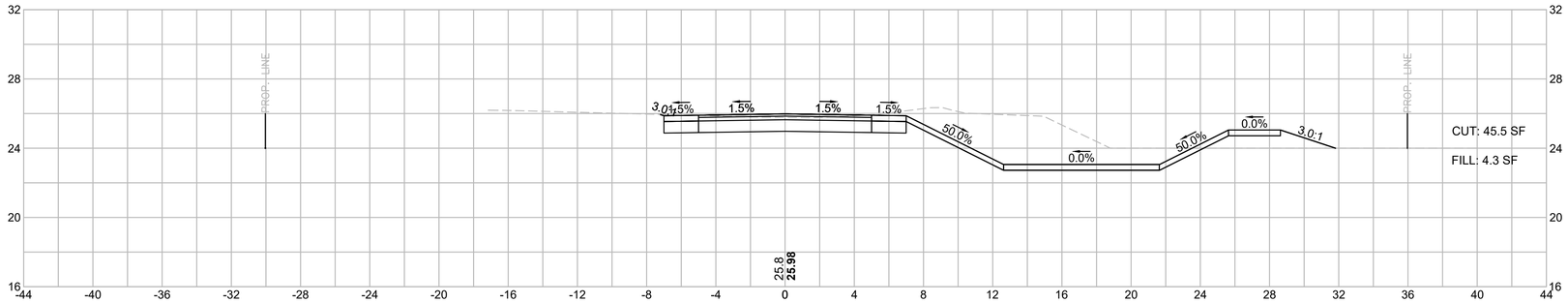
TOWN OF MARION
SHARED-USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	217	274
PROJECT FILE NO.	607979		

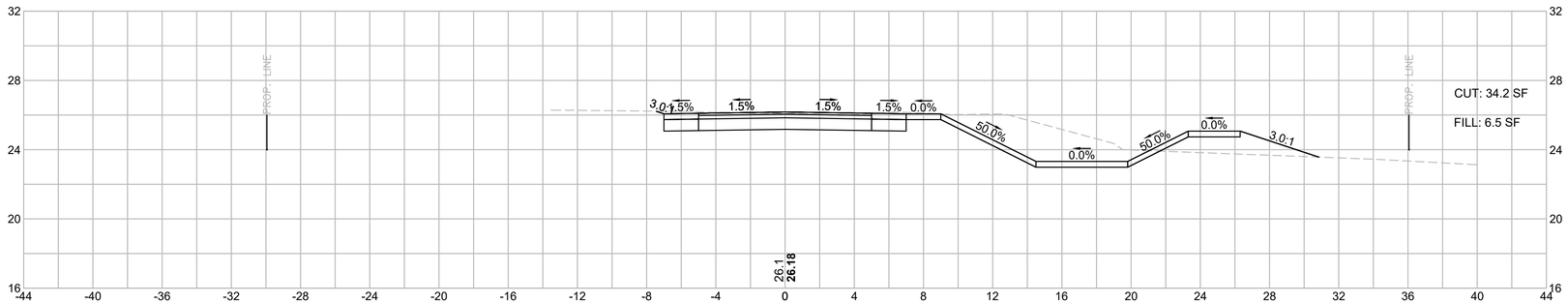
CROSS SECTIONS
SHEET 94 OF 151

607979_XSECT.DWG Plotted on 28-Sep-2017 3:43 PM

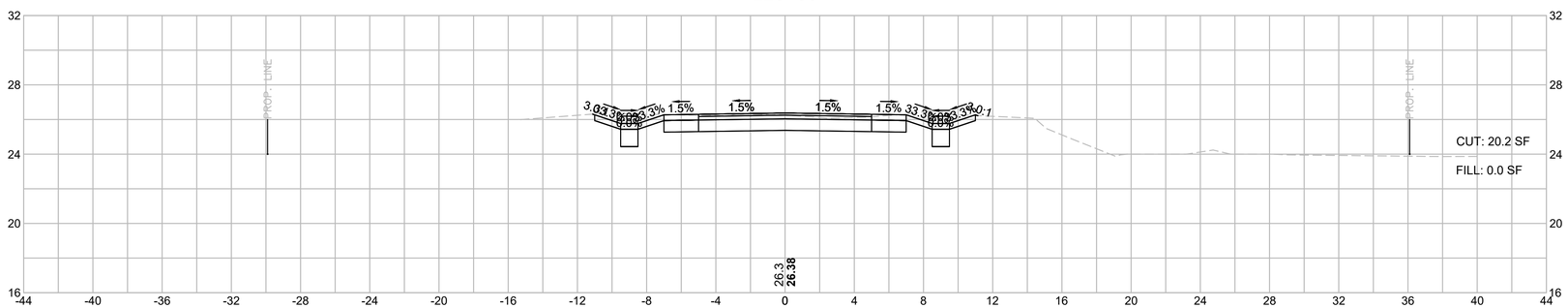
224+50



224+00



223+50



HOR. SCALE IN FEET
4 0 4 8
VER. SCALE IN FEET
4 0 4 8

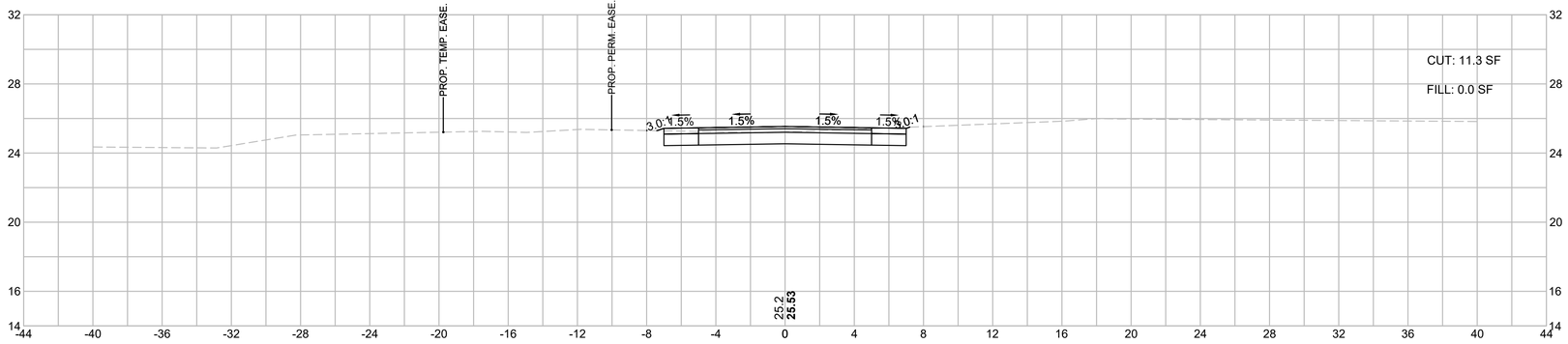
TOWN OF MARION
SHARED-USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	218	274
PROJECT FILE NO.	607979		

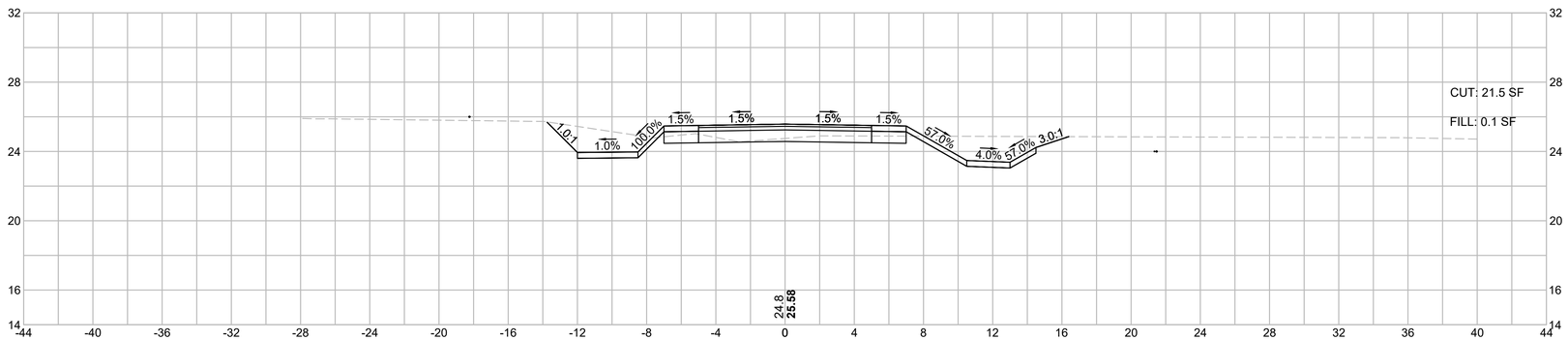
CROSS SECTIONS
SHEET 95 OF 151

607979_XSECT.DWG Plotted on 28-Sep-2017 3:43 PM

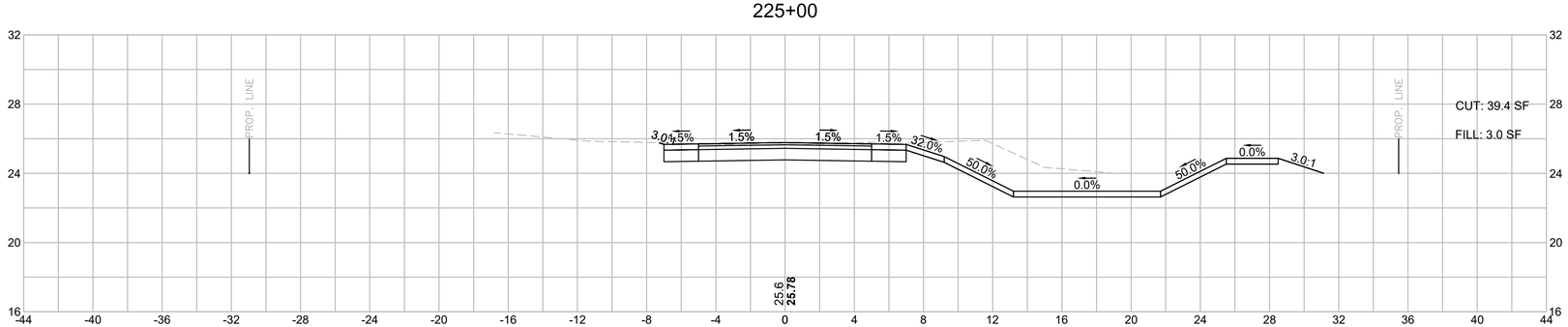
226+00



225+50



225+00



HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

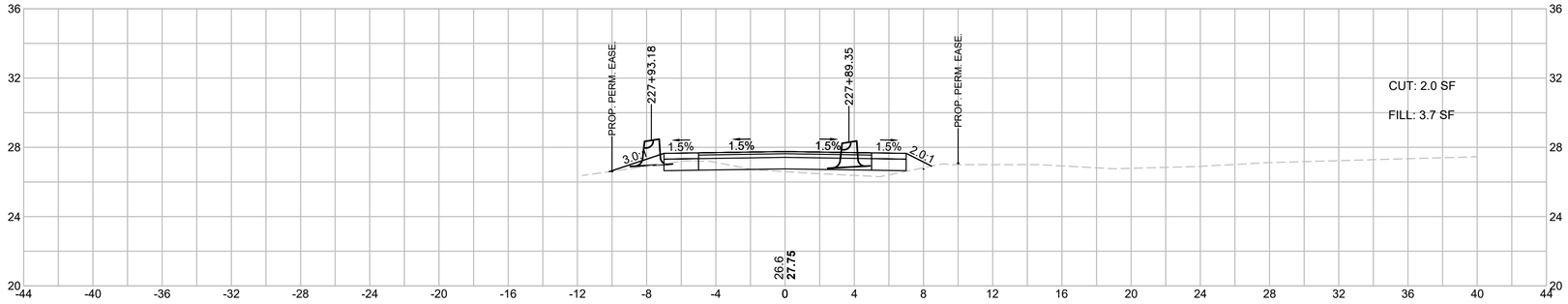
TOWN OF MARION
SHARED-USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	219	274
PROJECT FILE NO.	607979		

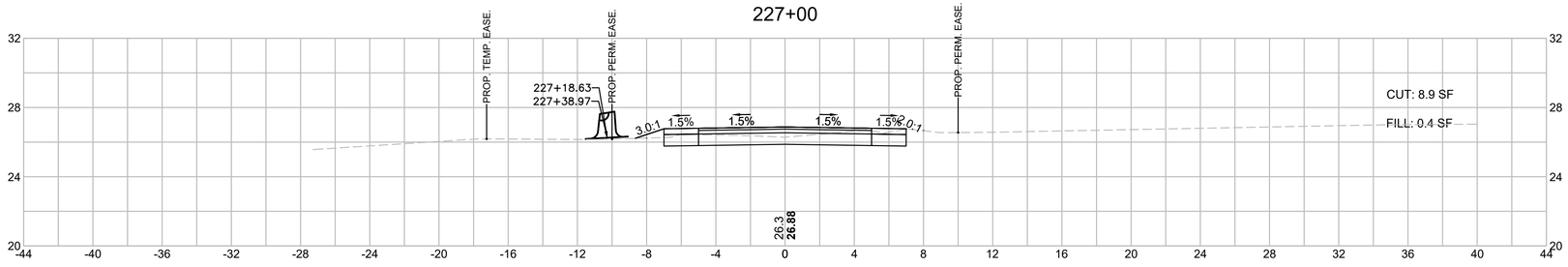
CROSS SECTIONS
SHEET 96 OF 151

607979_XSECT.DWG Plotted on 28-Sep-2017 3:43 PM

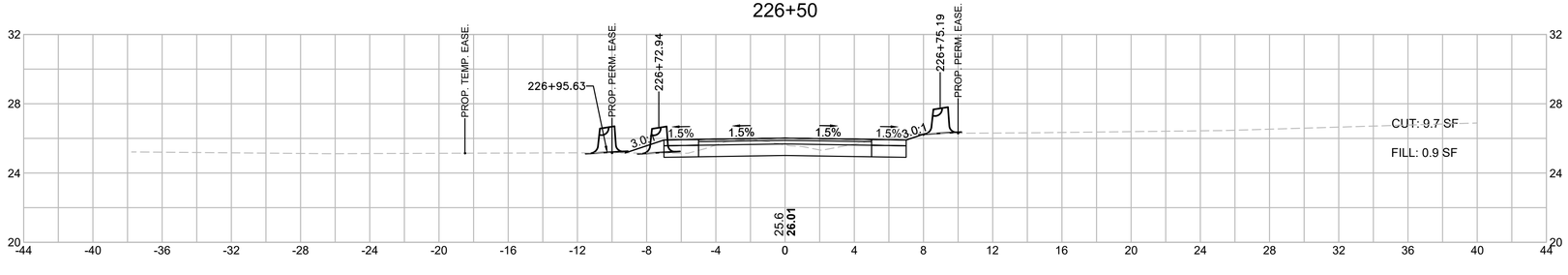
227+50



227+00



226+50



HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

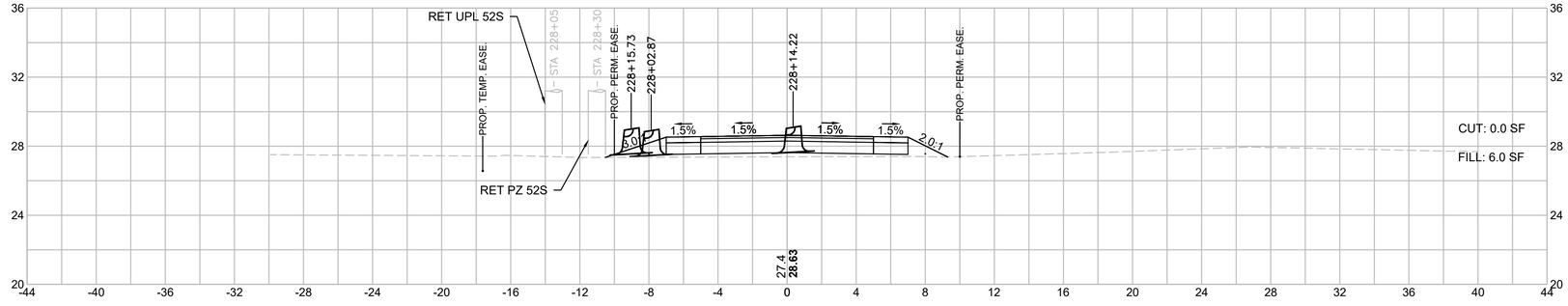
TOWN OF MARION
SHARED-USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	220	274
PROJECT FILE NO.	607979		

CROSS SECTIONS
SHEET 97 OF 151

607979_XSECT.DWG Plotted on 28-Sep-2017 3:43 PM

228+00



HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

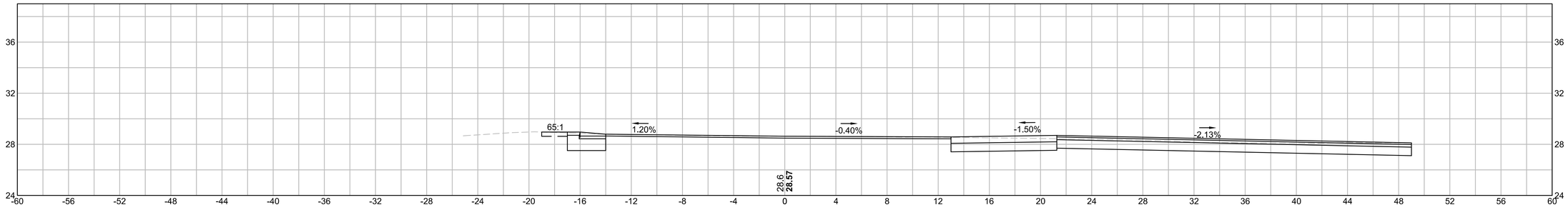
TOWN OF MARION
SHARED-USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	221	274
PROJECT FILE NO.	607979		

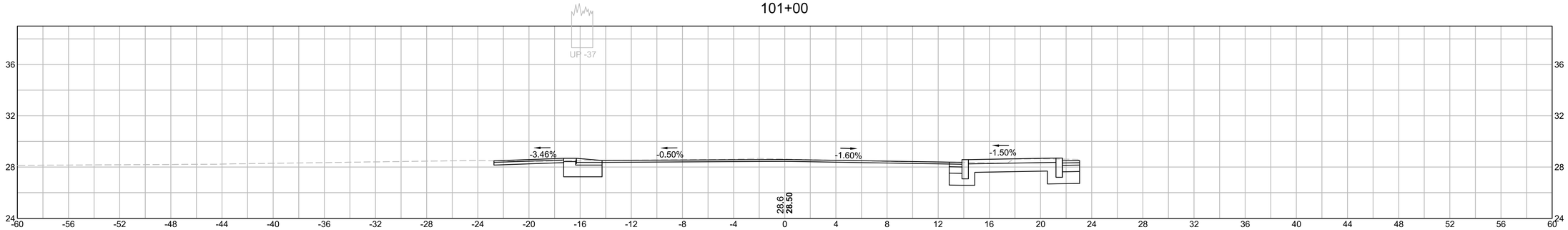
FRONT ST (RTE 105) AT SPRING ST
CROSS SECTION
SHEET 98 OF 151

Plotted on 10-Mar-2015 3:39 PM
Y16147.21 MARION PATHWAY (CROSS SECTIONS).DWG

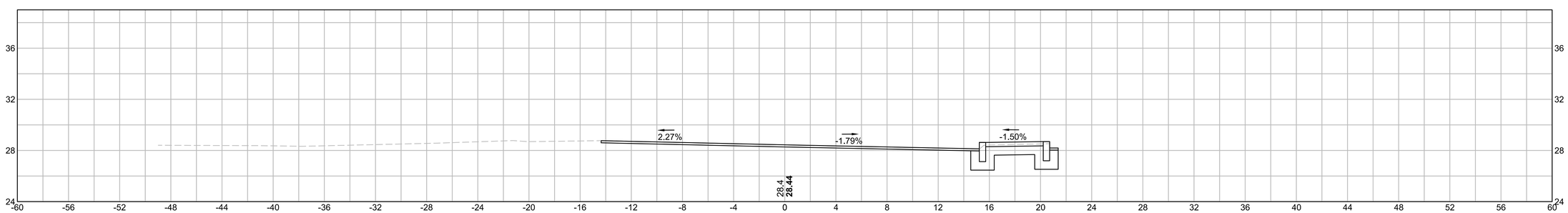
101+50



101+00



100+55



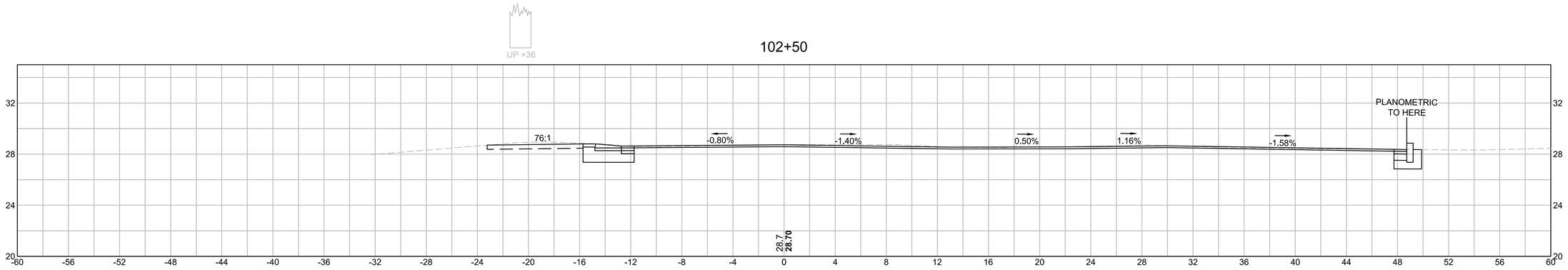
HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

TOWN OF MARION
SHARED-USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	222	274
PROJECT FILE NO.	607979		

FRONT ST (RTE 105) AT SPRING ST
CROSS SECTION
SHEET 99 OF 151

Plotted on 10-Mar-2015 3:39 PM
Y16147.21 MARION PATHWAY (CROSS SECTIONS).DWG



HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

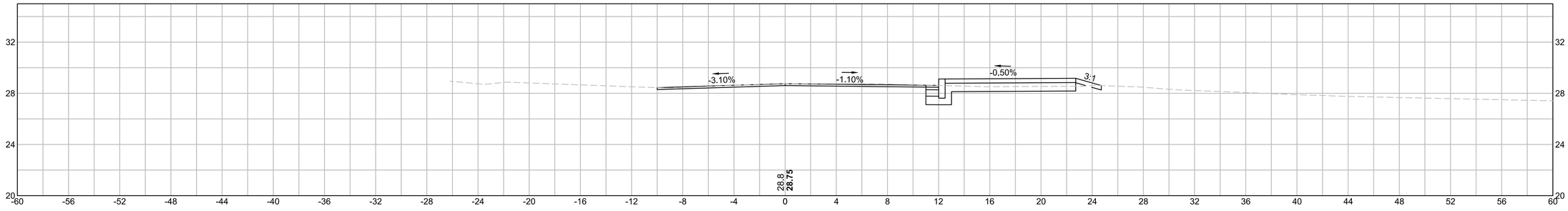
TOWN OF MARION
SHARED-USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	223	274
PROJECT FILE NO.	607979		

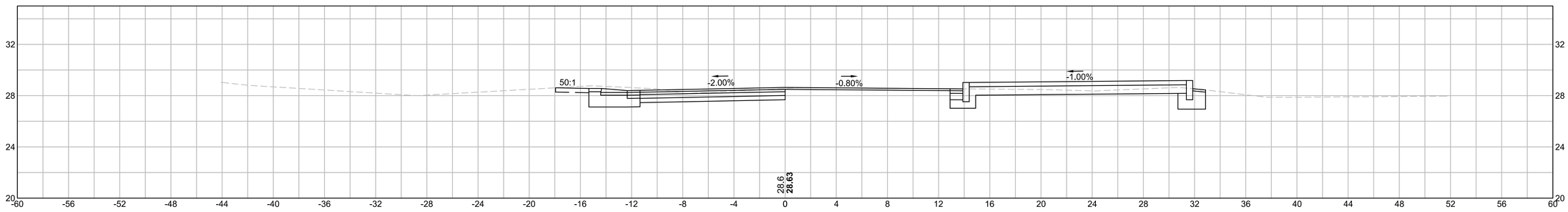
FRONT ST (RTE 105) AT SPRING ST
CROSS SECTION
SHEET 100 OF 151

Plotted on 10-Mar-2015 3:39 PM
Y16147.21 MARION PATHWAY (CROSS SECTIONS).DWG

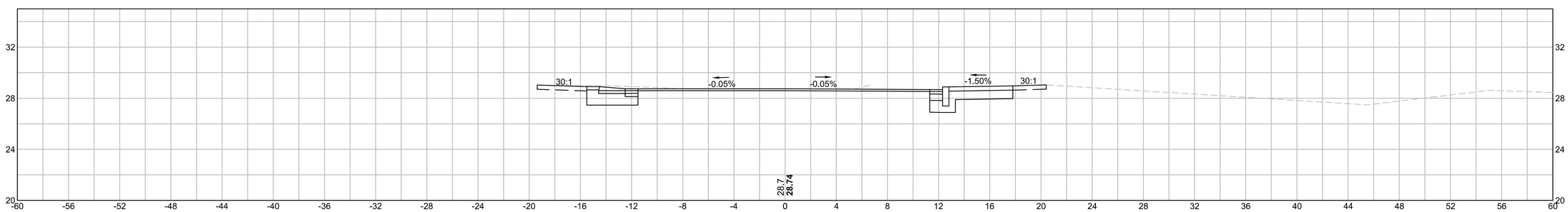
201+00



200+50



103+00



HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

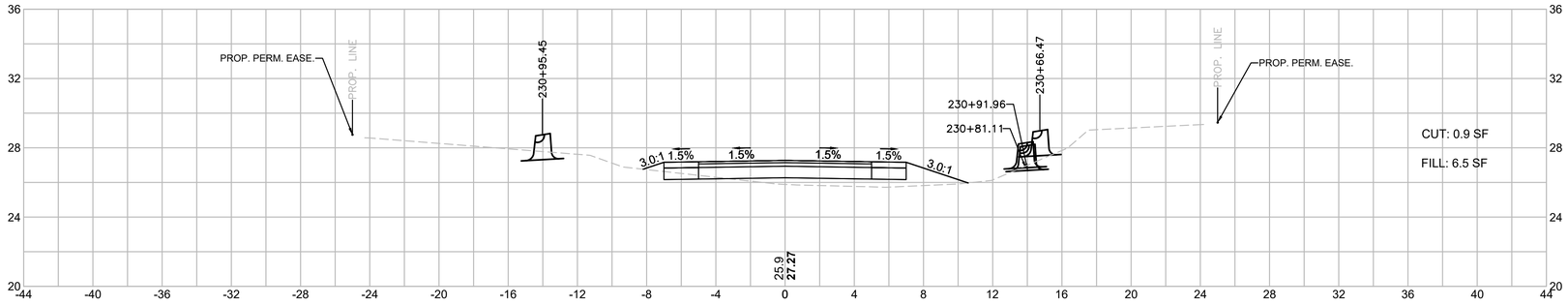
TOWN OF MARION
SHARED-USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	224	274
PROJECT FILE NO.	607979		

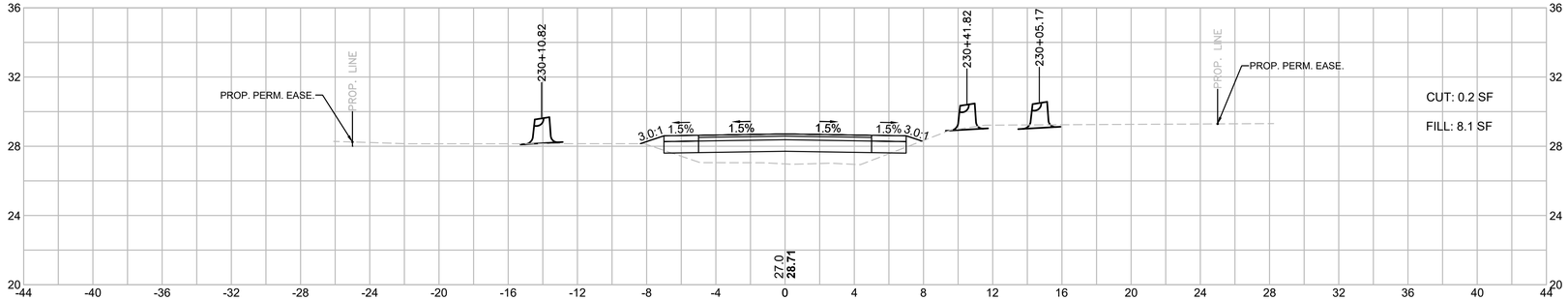
CROSS SECTIONS
SHEET 101 OF 151

607979_XSECT.DWG Plotted on 28-Sep-2017 3:43 PM

230+50



230+00



HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

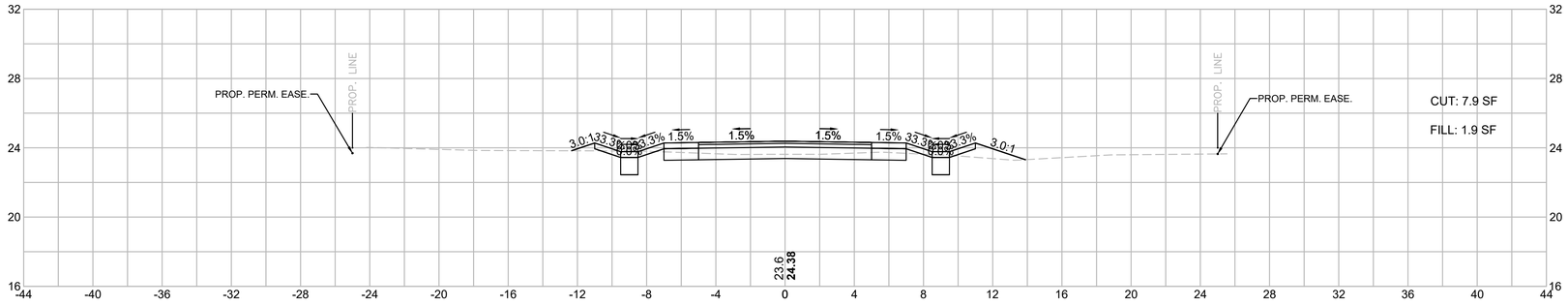
TOWN OF MARION
SHARED-USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	225	274
PROJECT FILE NO.	607979		

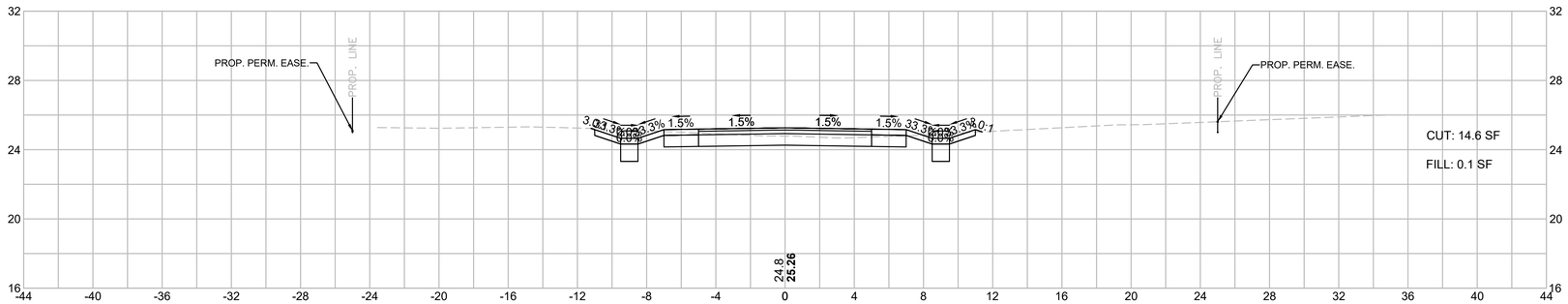
CROSS SECTIONS
SHEET 102 OF 151

607979_XSECT.DWG Plotted on 28-Sep-2017 3:43 PM

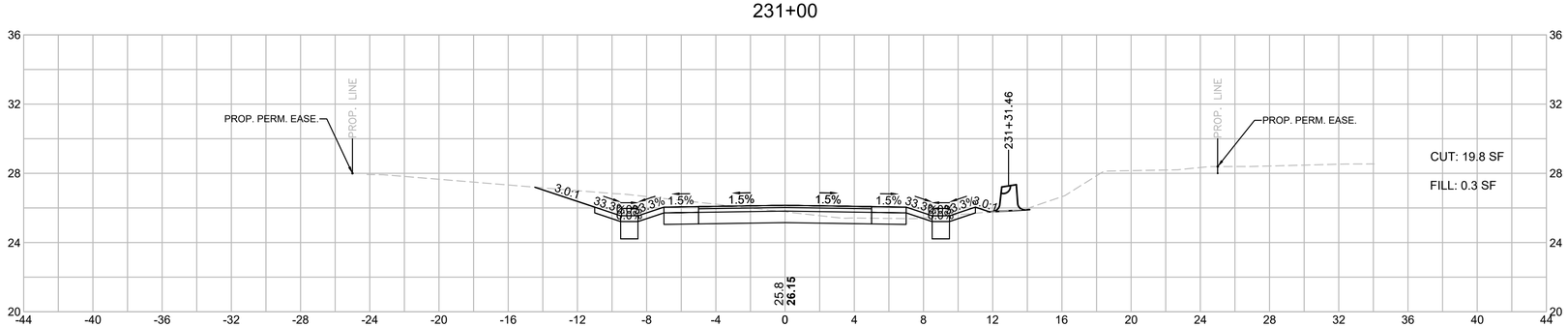
232+00



231+50



231+00



HOR. SCALE IN FEET
4 0 4 8
VER. SCALE IN FEET
4 0 4 8

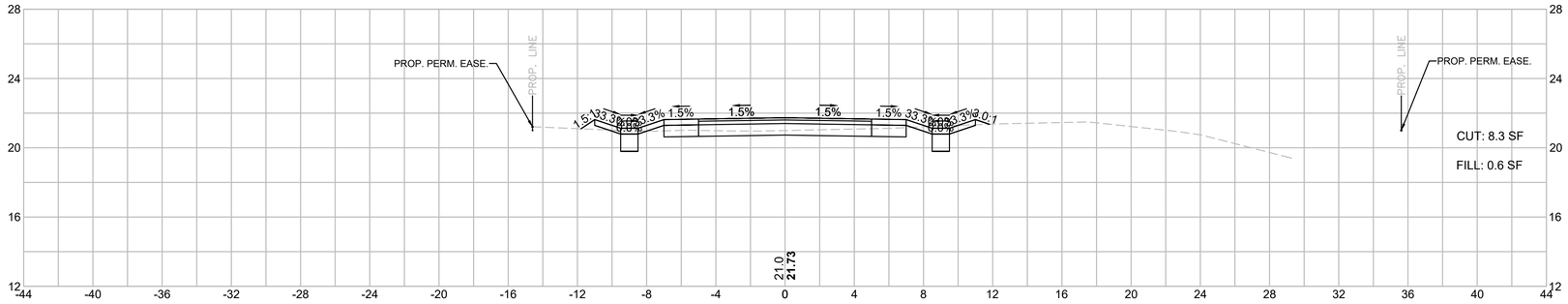
TOWN OF MARION
SHARED-USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	226	274
PROJECT FILE NO.	607979		

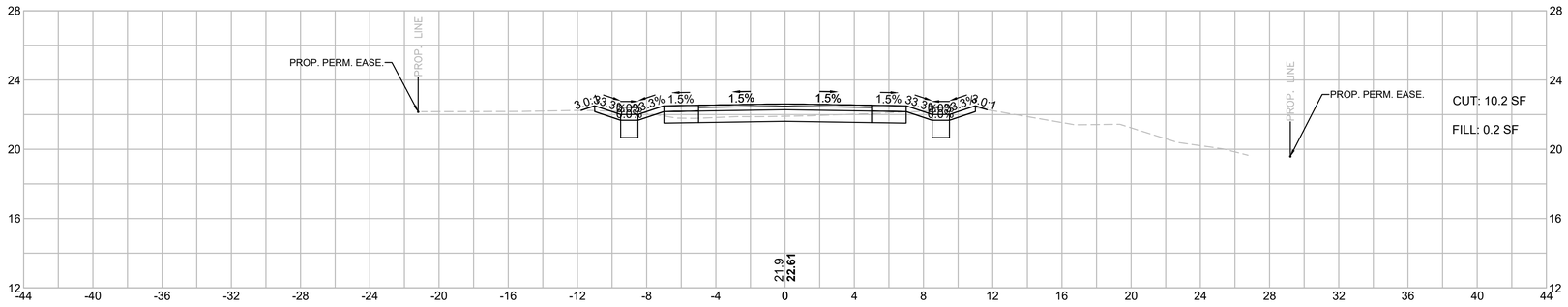
CROSS SECTIONS
SHEET 103 OF 151

607979_XSECT.DWG Plotted on 28-Sep-2017 3:43 PM

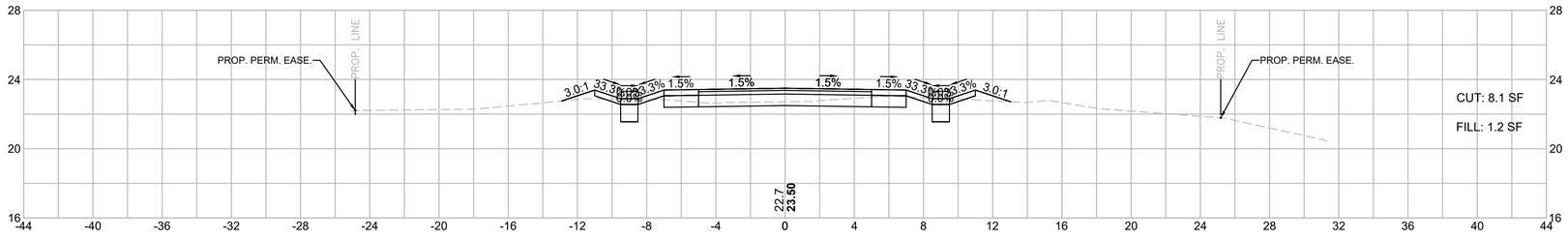
233+50



233+00



232+50



HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

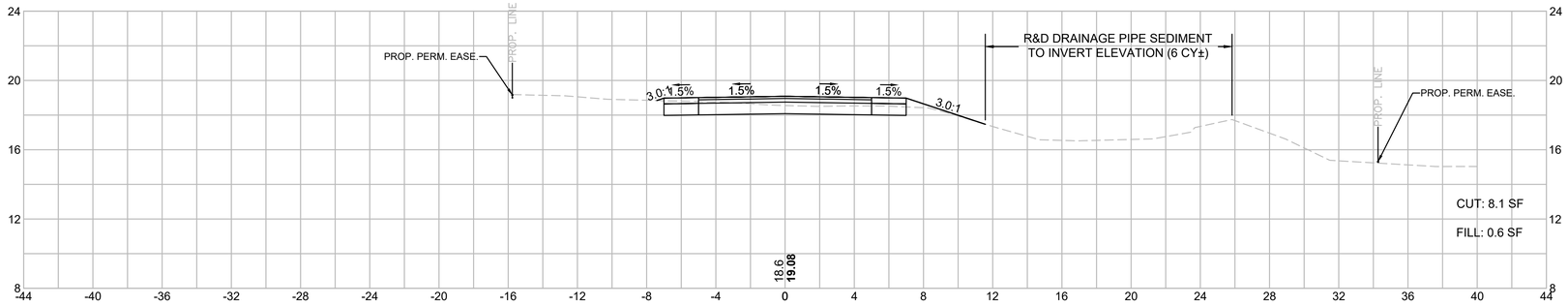
TOWN OF MARION
SHARED-USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	227	274
PROJECT FILE NO.	607979		

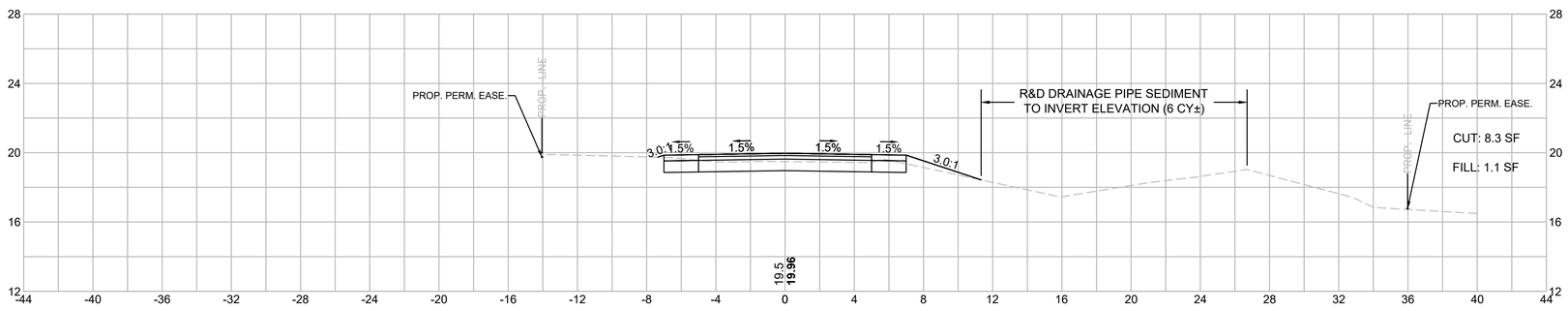
CROSS SECTIONS
SHEET 104 OF 151

607979_XSECT.DWG Plotted on 28-Sep-2017 3:43 PM

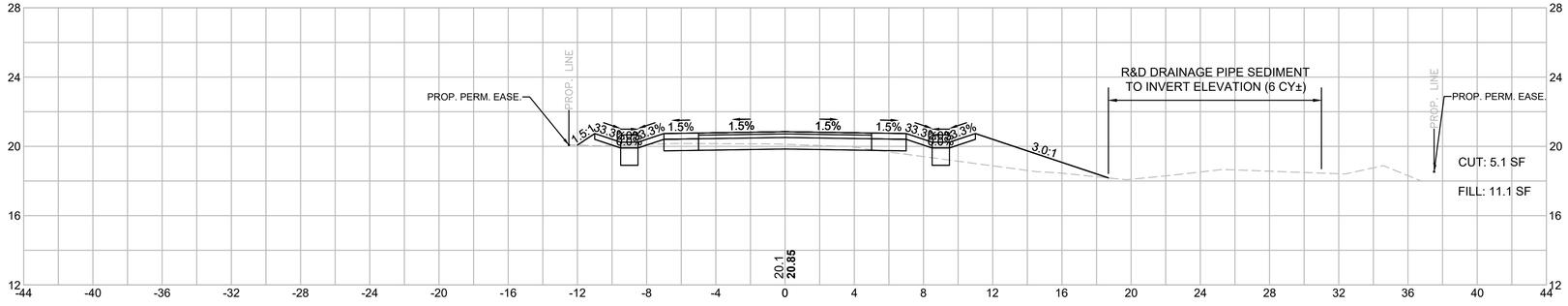
235+00



234+50



234+00



HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

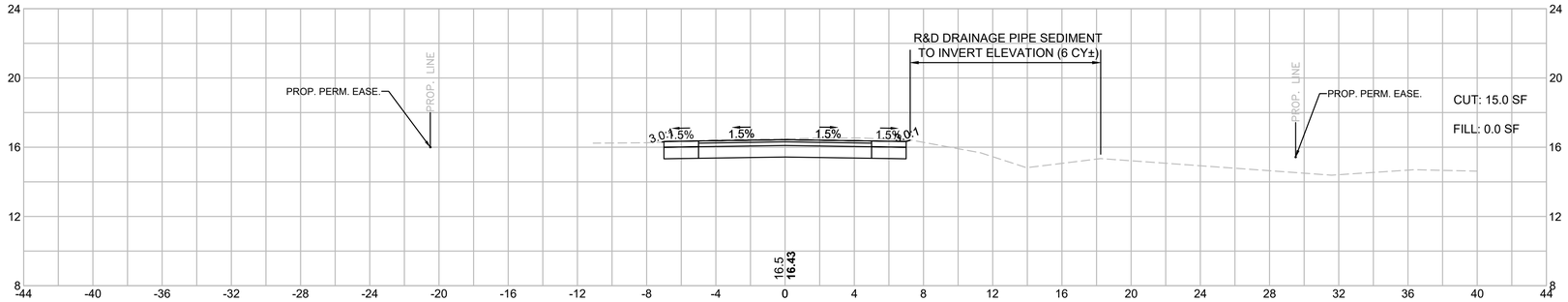
TOWN OF MARION
SHARED-USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	228	274
PROJECT FILE NO.	607979		

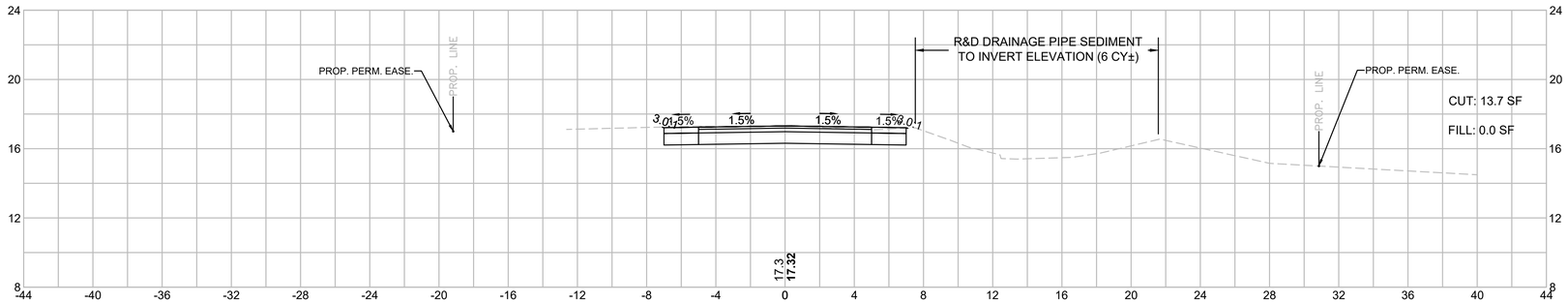
CROSS SECTIONS
SHEET 105 OF 151

607979_XSECT.DWG Plotted on 28-Sep-2017 3:43 PM

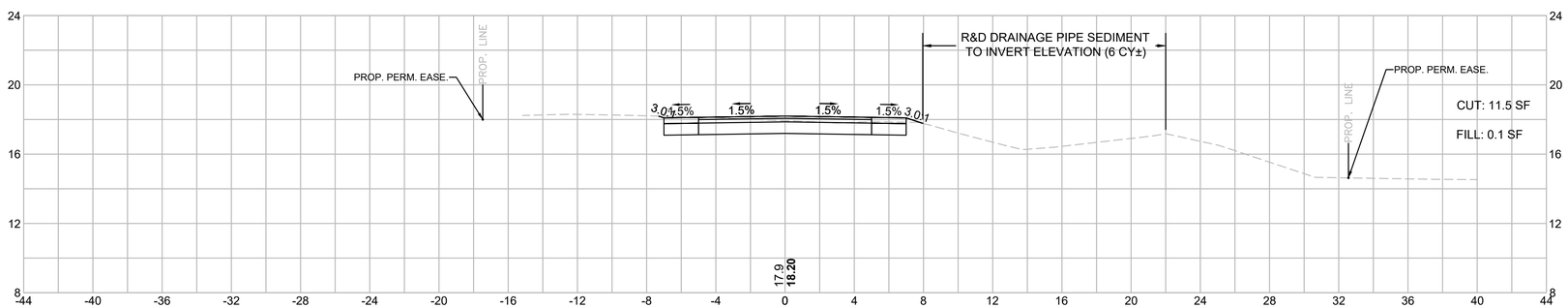
236+50



236+00



235+50



HOR. SCALE IN FEET
4 0 4 8
VER. SCALE IN FEET
4 0 4 8

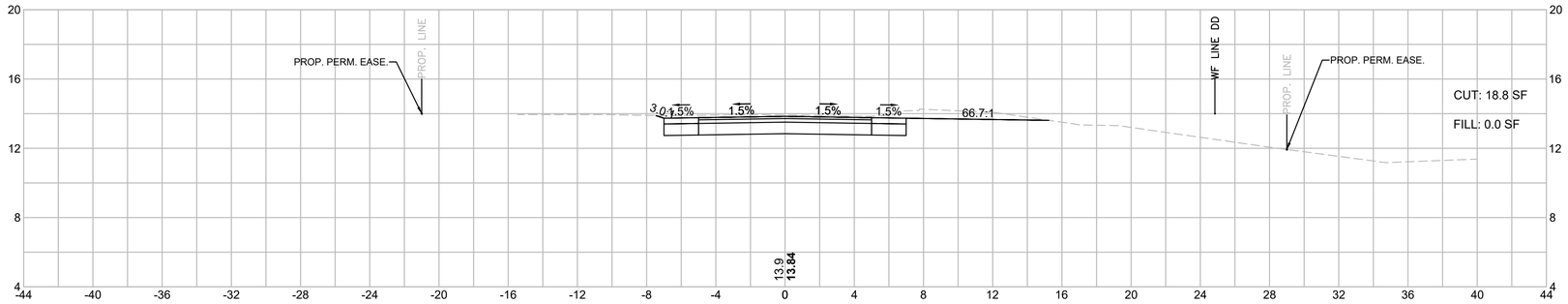
TOWN OF MARION
SHARED-USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	229	274
PROJECT FILE NO.	607979		

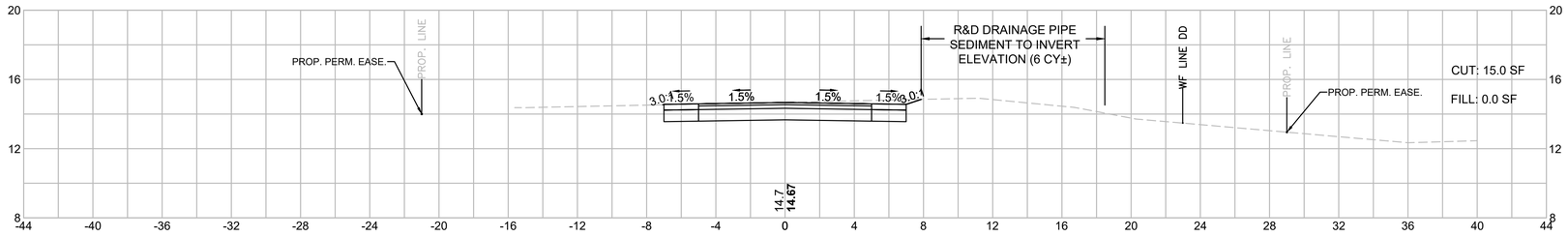
CROSS SECTIONS
SHEET 106 OF 151

607979_XSECT.DWG Plotted on 28-Sep-2017 3:43 PM

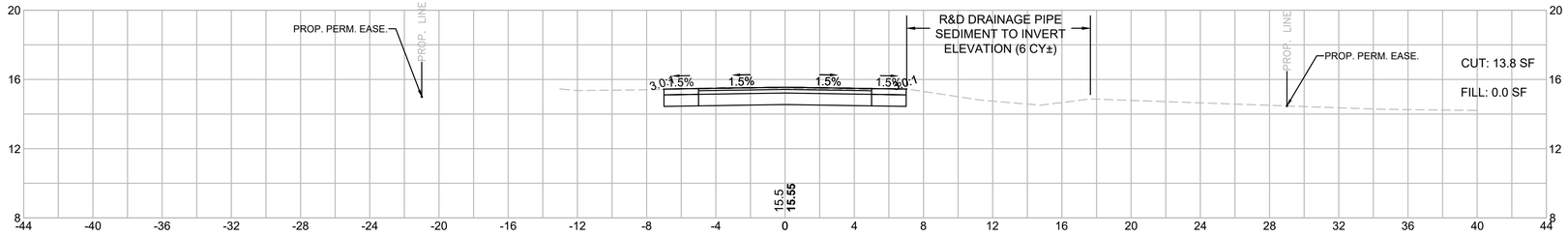
238+00



237+50



237+00



HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

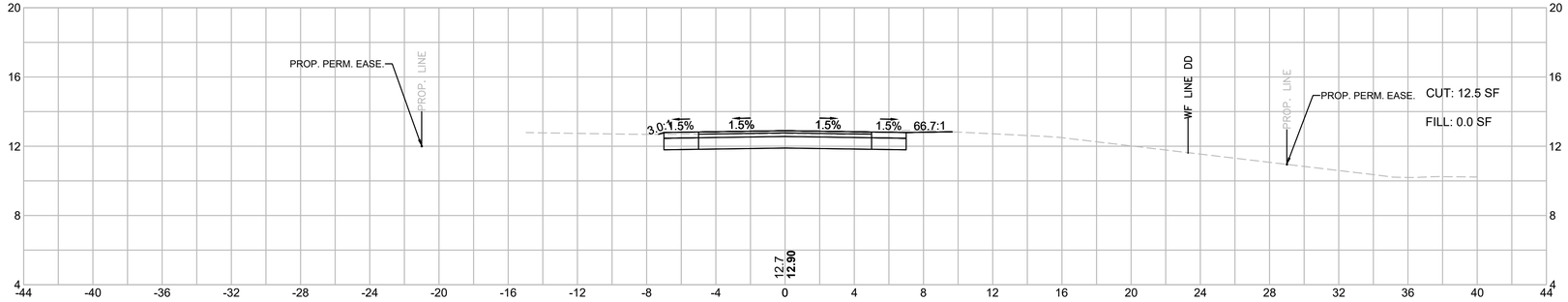
TOWN OF MARION
SHARED-USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	230	274
PROJECT FILE NO.	607979		

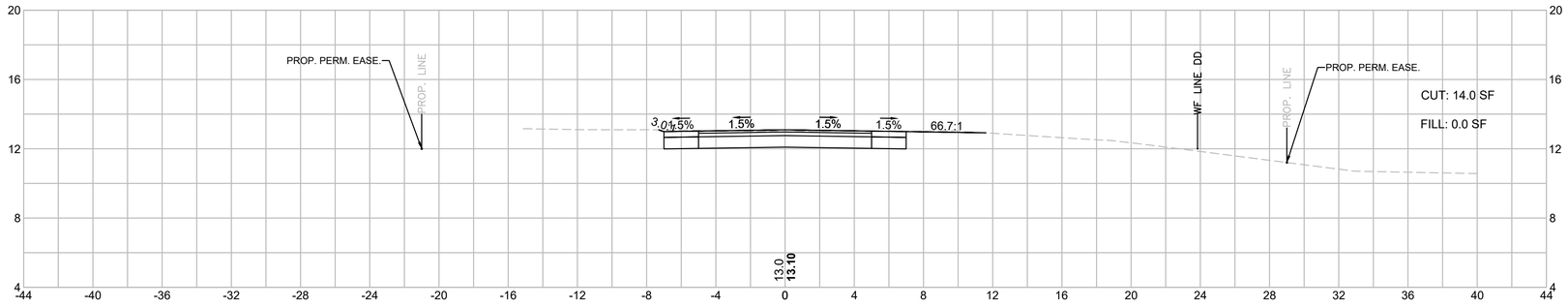
CROSS SECTIONS
SHEET 107 OF 151

607979_XSECT.DWG Plotted on 28-Sep-2017 3:43 PM

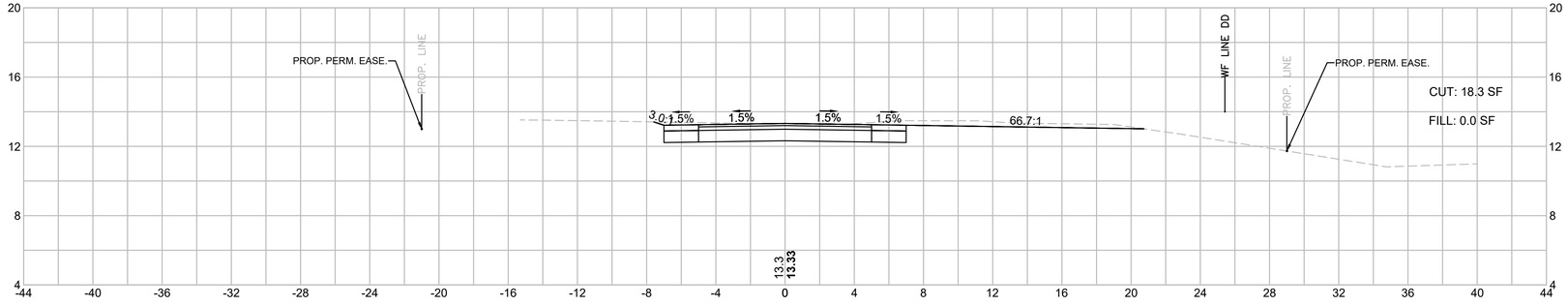
239+50



239+00



238+50



HOR. SCALE IN FEET
4 0 4 8
VER. SCALE IN FEET
4 0 4 8

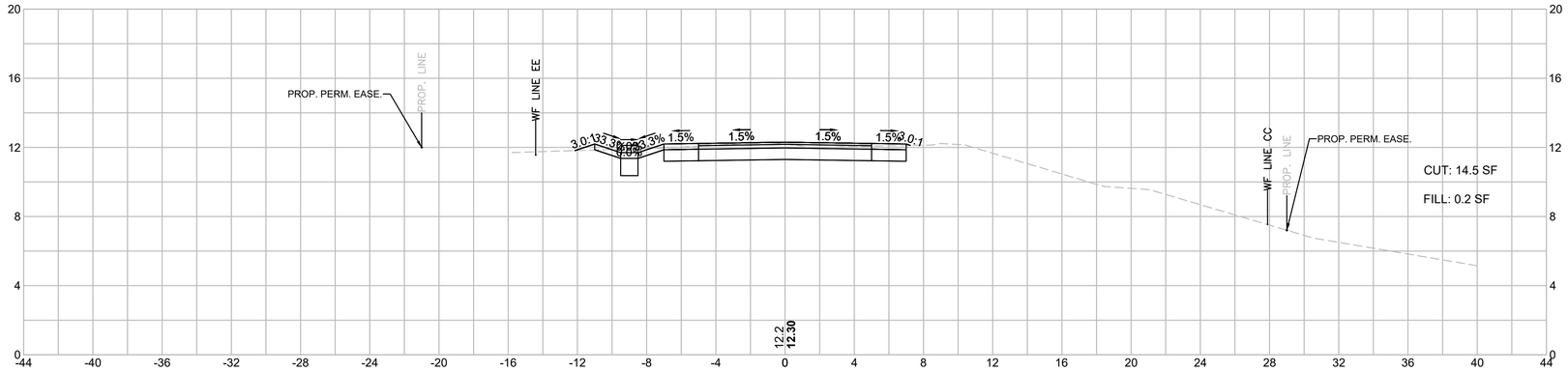
TOWN OF MARION
SHARED-USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	231	274
PROJECT FILE NO.	607979		

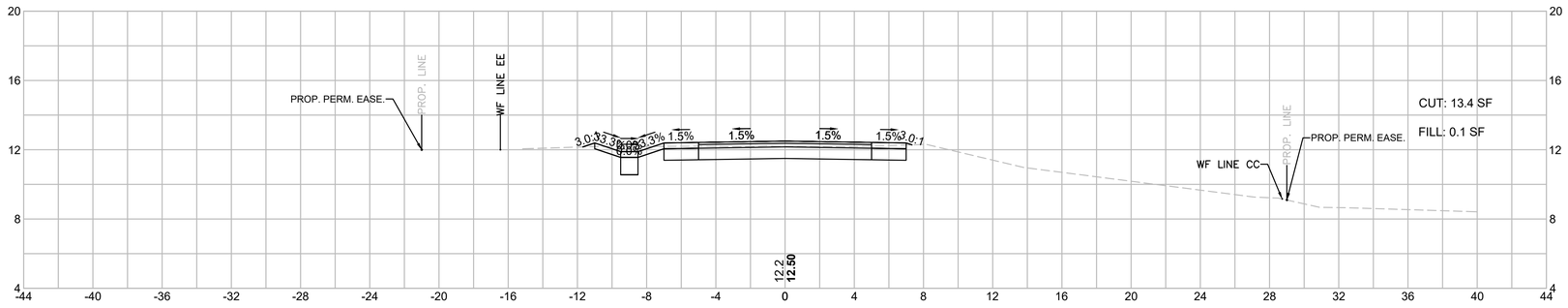
CROSS SECTIONS
SHEET 108 OF 151

607979_XSECT.DWG Plotted on 28-Sep-2017 3:43 PM

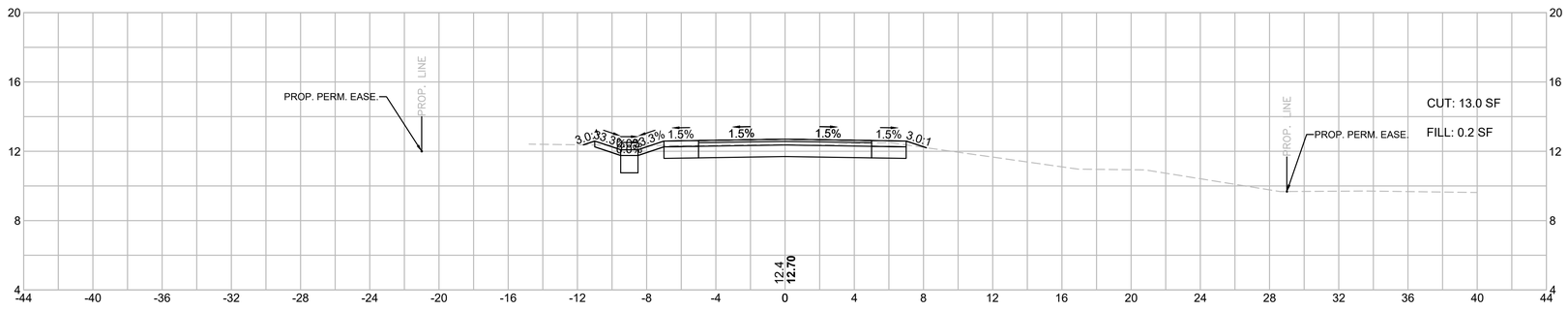
241+00



240+50



240+00



HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

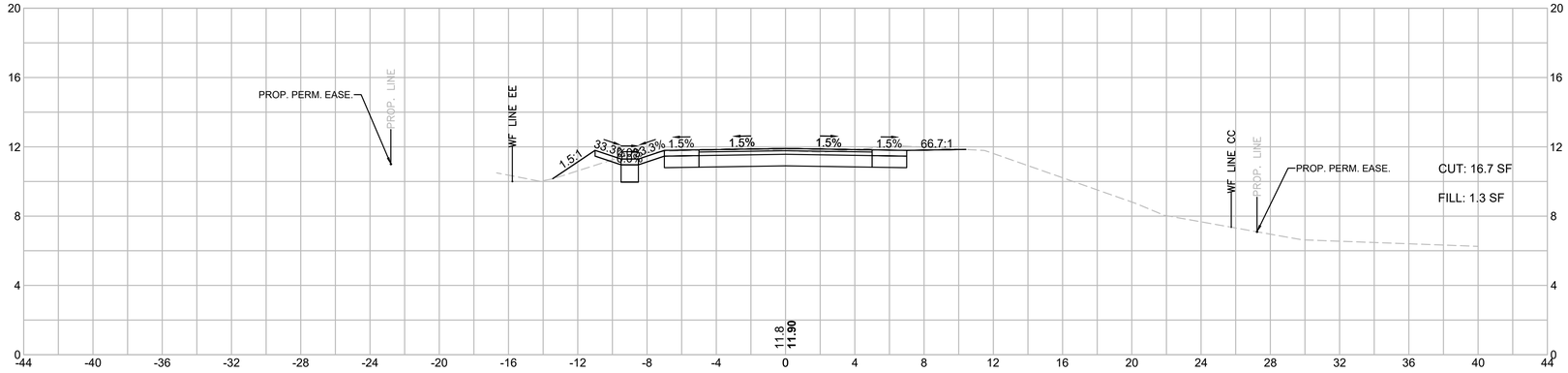
TOWN OF MARION
SHARED-USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	232	274
PROJECT FILE NO.	607979		

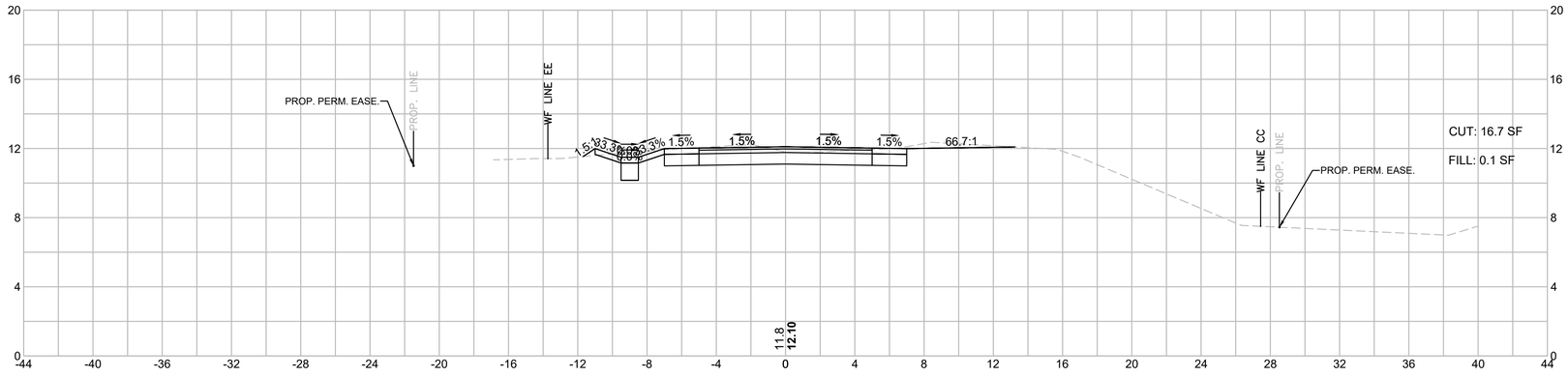
CROSS SECTIONS
SHEET 109 OF 151

607979_XSECT.DWG Plotted on 28-Sep-2017 3:43 PM

242+00



241+50



HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

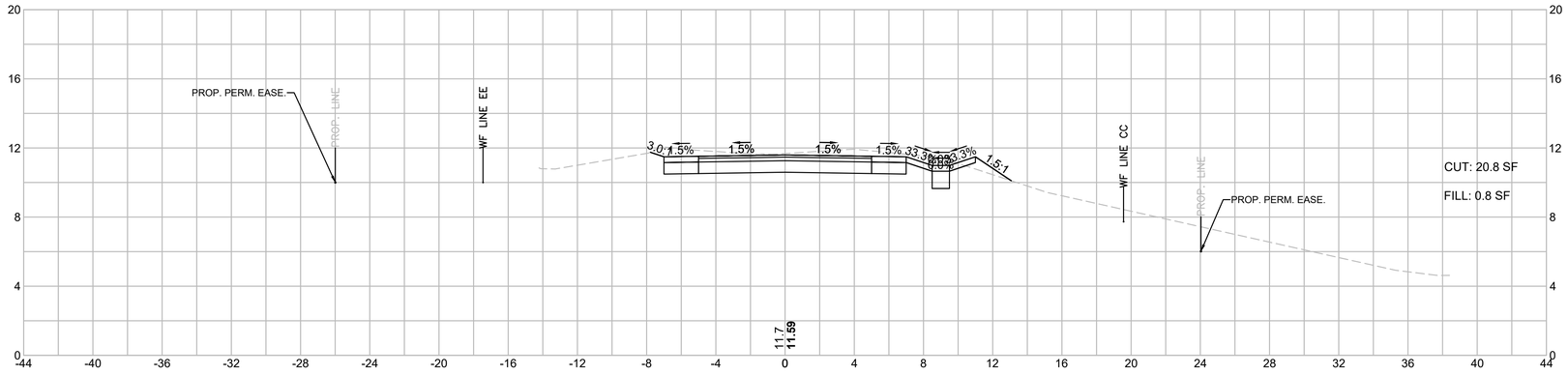
TOWN OF MARION
SHARED-USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	233	274
PROJECT FILE NO.	607979		

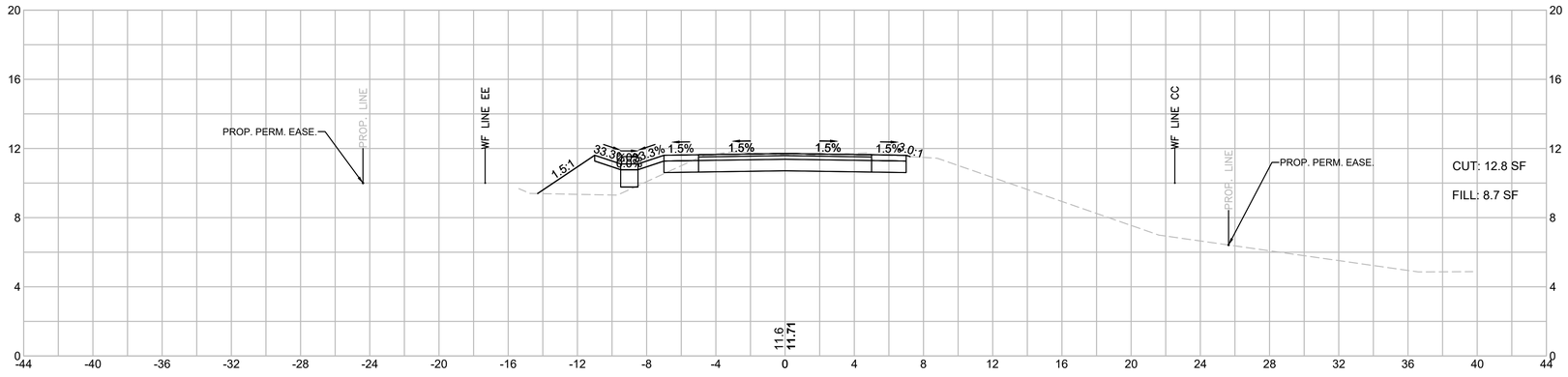
CROSS SECTIONS
SHEET 110 OF 151

607979_XSECT.DWG Plotted on 28-Sep-2017 3:43 PM

243+00



242+50



HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

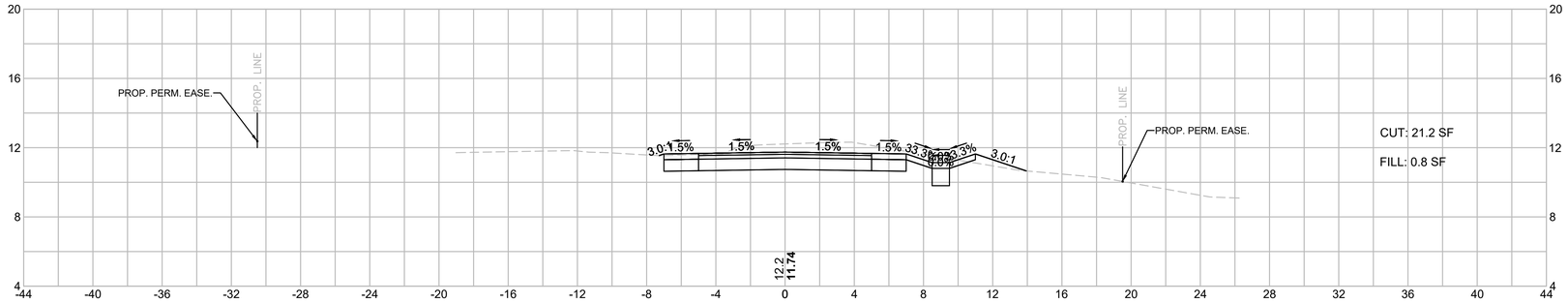
TOWN OF MARION
SHARED-USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	234	274
PROJECT FILE NO.	607979		

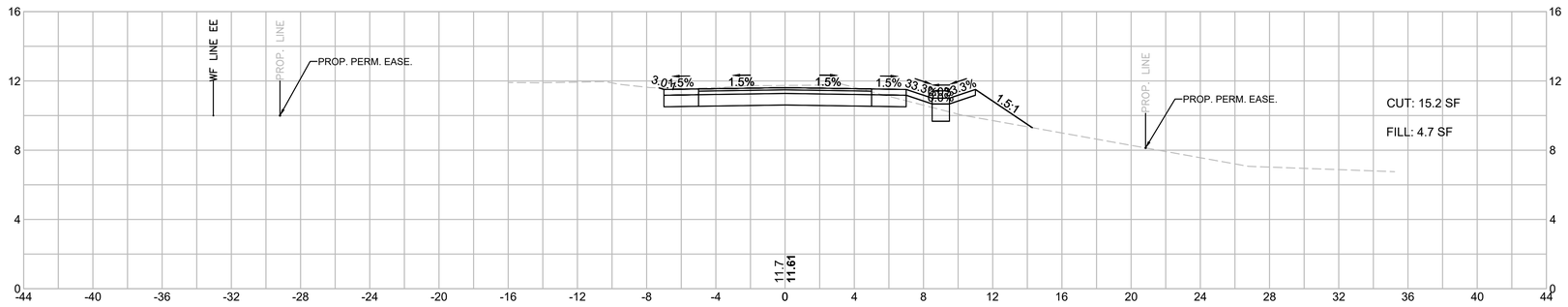
CROSS SECTIONS
SHEET 111 OF 151

607979_XSECT.DWG Plotted on 28-Sep-2017 3:43 PM

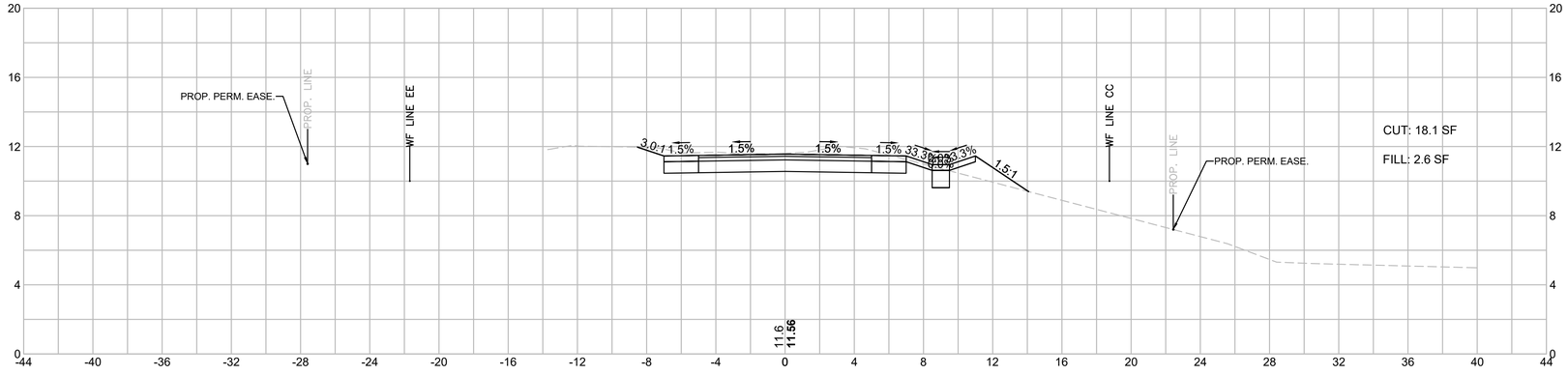
244+50



244+00



243+50



HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

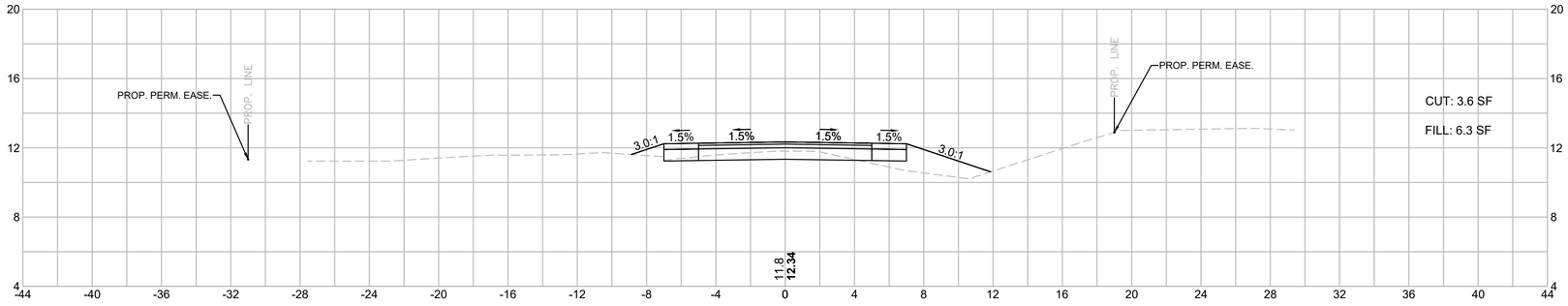
TOWN OF MARION
SHARED-USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	235	274
PROJECT FILE NO.	607979		

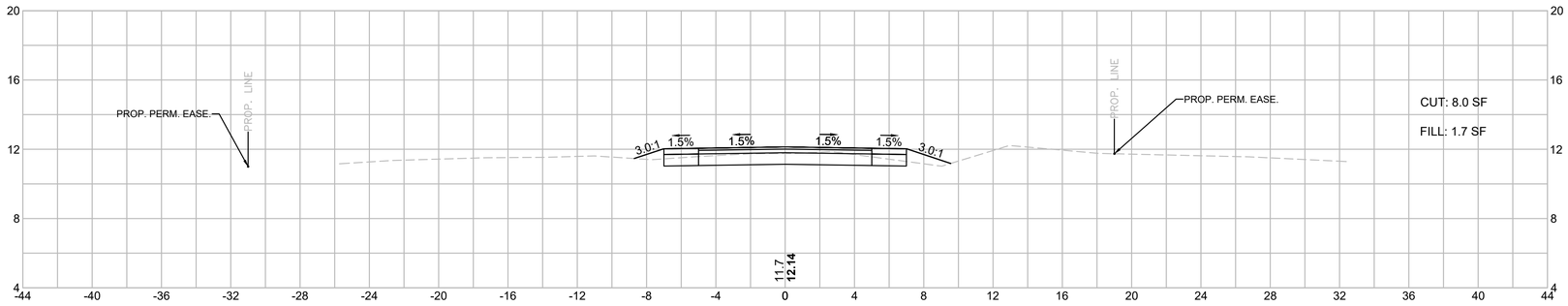
CROSS SECTIONS
SHEET 112 OF 151

607979_XSECT.DWG Plotted on 28-Sep-2017 3:43 PM

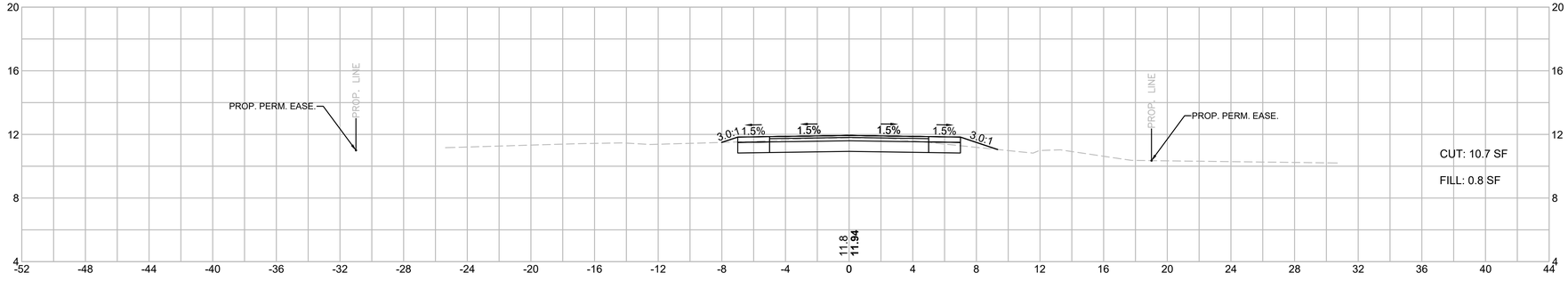
246+00

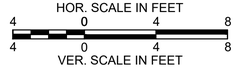


245+50



245+00



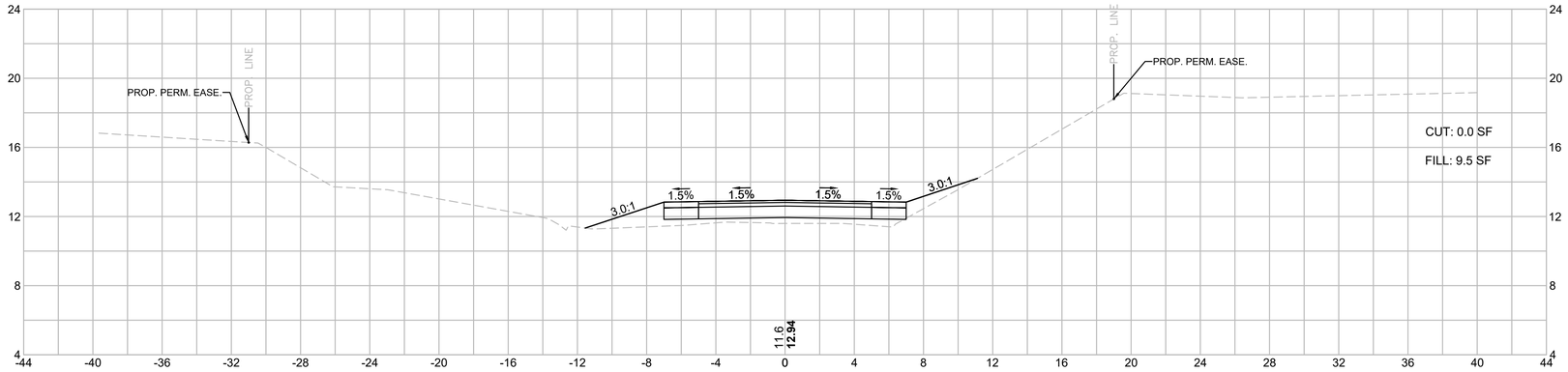


TOWN OF MARION
SHARED-USE PATH - PHASE 1

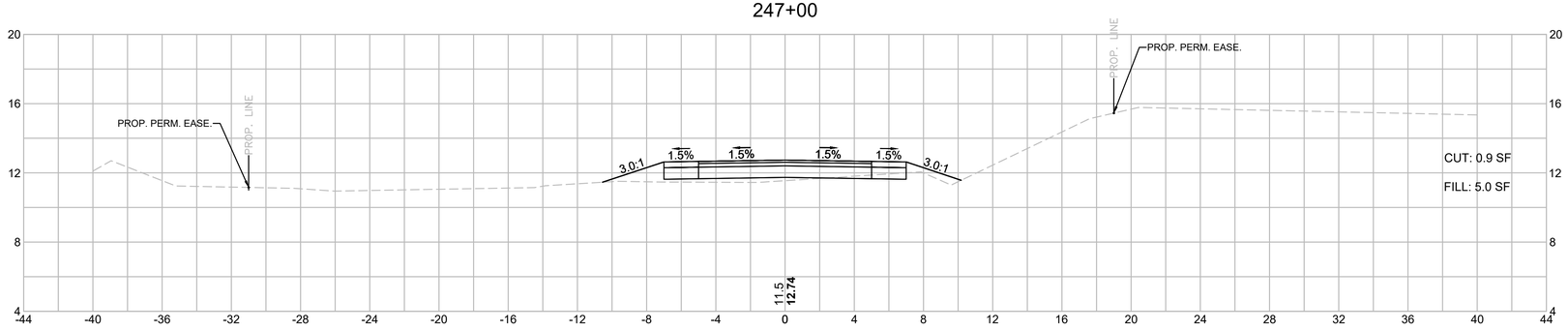
STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	236	274
PROJECT FILE NO.	607979		

CROSS SECTIONS
SHEET 113 OF 151

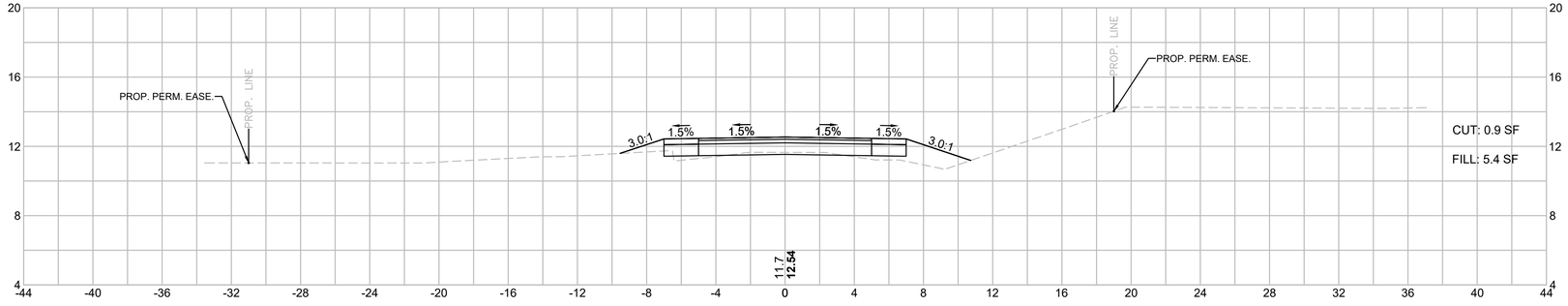
247+50



247+00



246+50



HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

607979_XSECT.DWG Plotted on 28-Sep-2017 3:43 PM

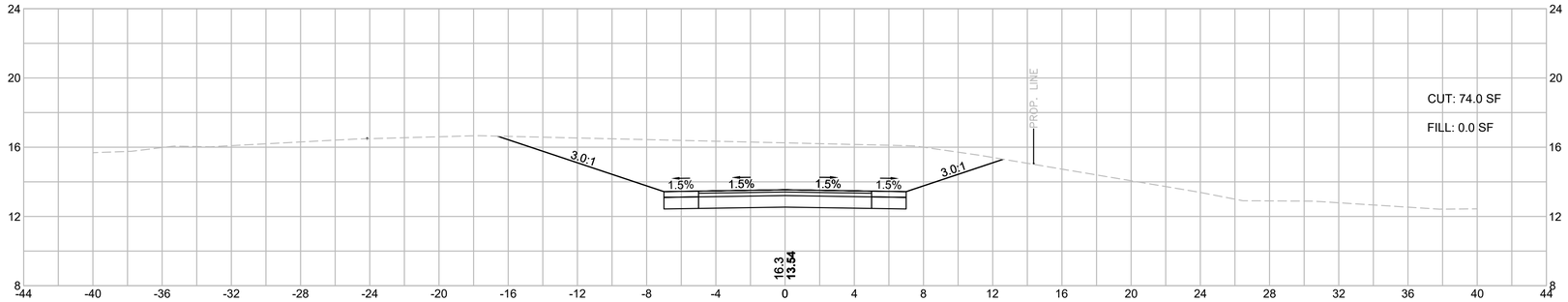
TOWN OF MARION
SHARED-USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	237	274
PROJECT FILE NO.	607979		

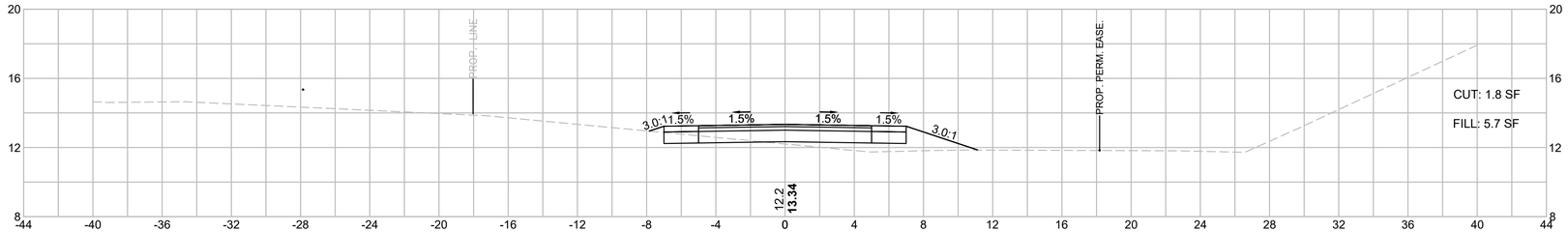
CROSS SECTIONS
SHEET 114 OF 151

607979_XSECT.DWG Plotted on 28-Sep-2017 3:43 PM

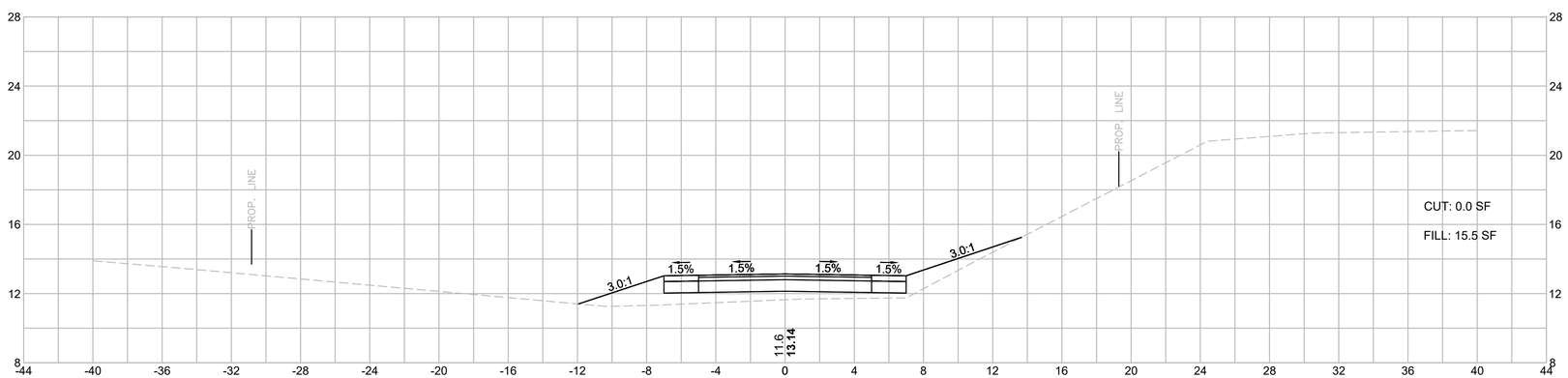
249+00



248+50



248+00



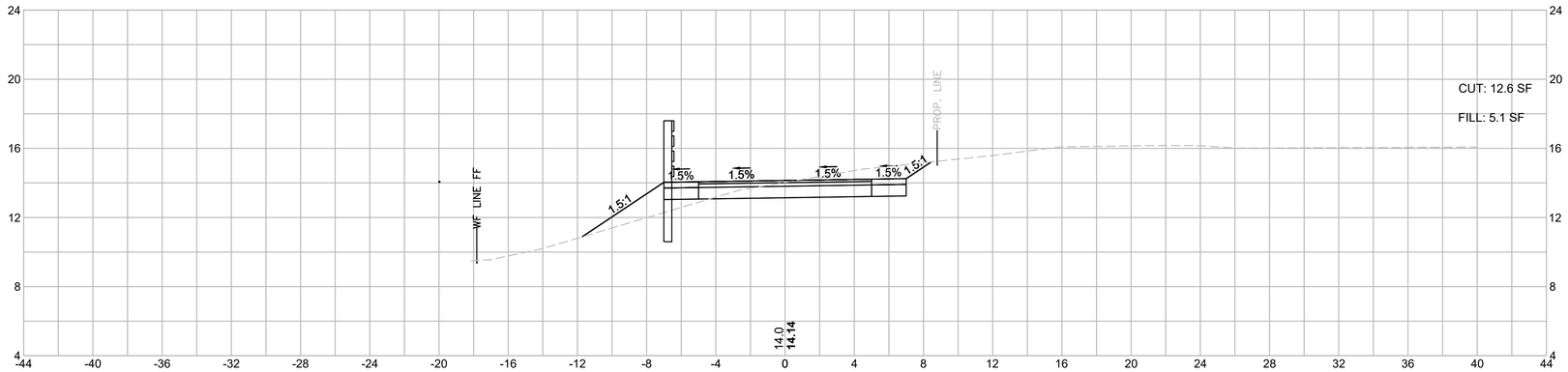
HOR. SCALE IN FEET
4 0 4 8
VER. SCALE IN FEET
4 0 4 8

TOWN OF MARION
SHARED-USE PATH - PHASE 1

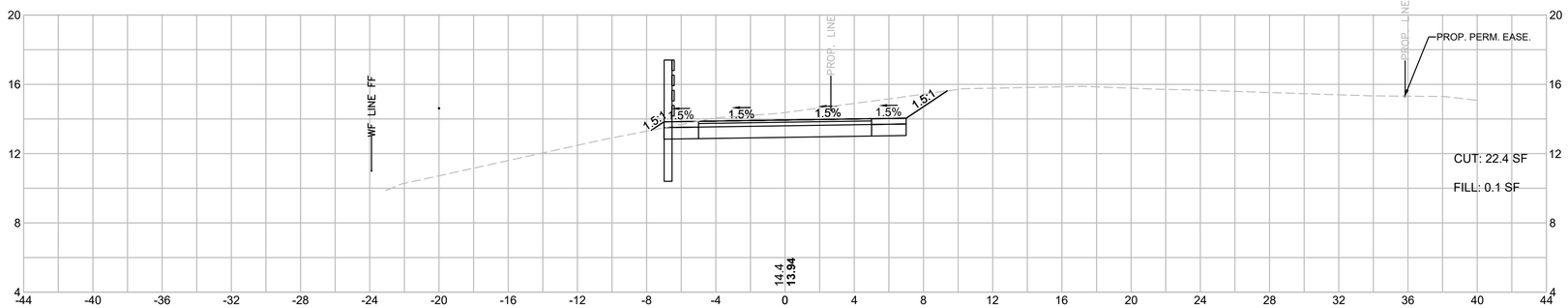
STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	238	274
PROJECT FILE NO.	607979		

CROSS SECTIONS
SHEET 115 OF 151

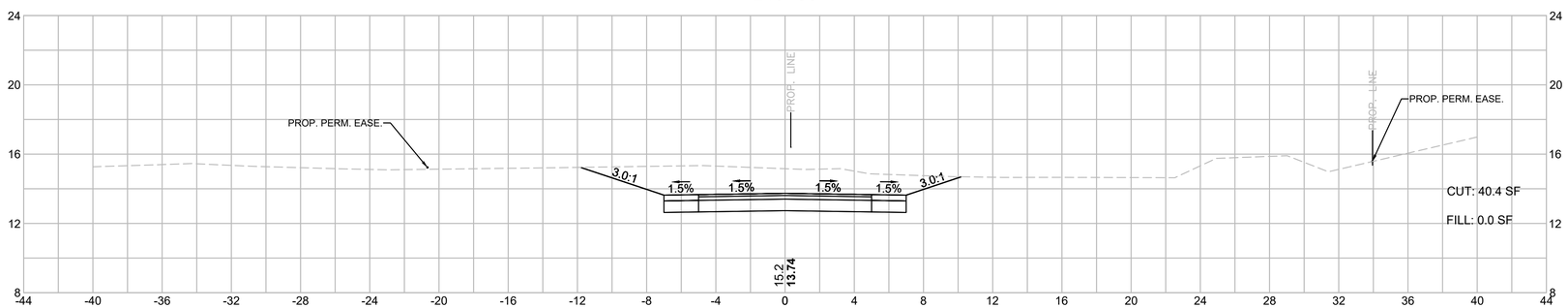
250+50



250+00



249+50



HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

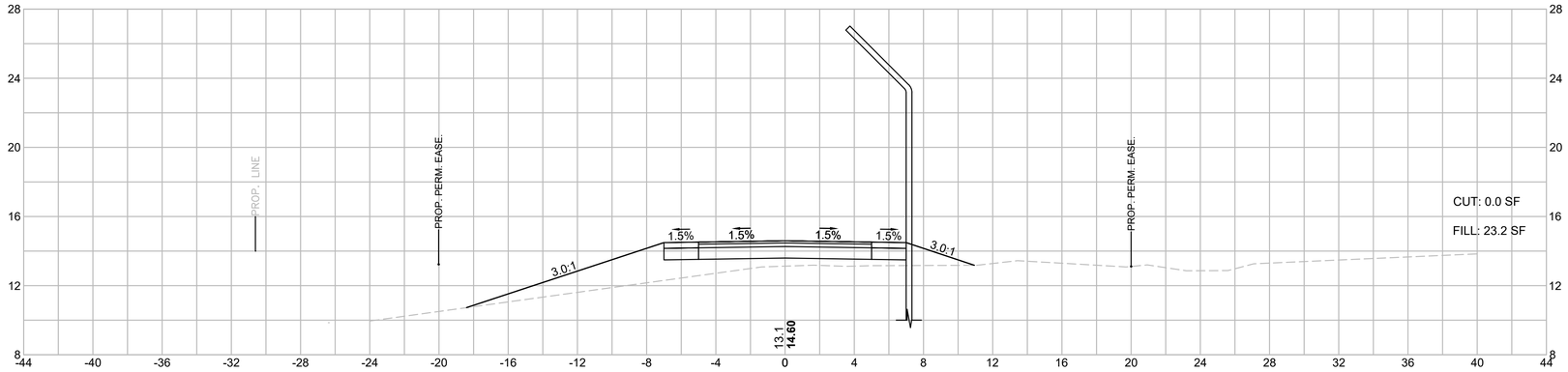
607979_XSECT.DWG Plotted on 28-Sep-2017 3:43 PM

TOWN OF MARION
SHARED-USE PATH - PHASE 1

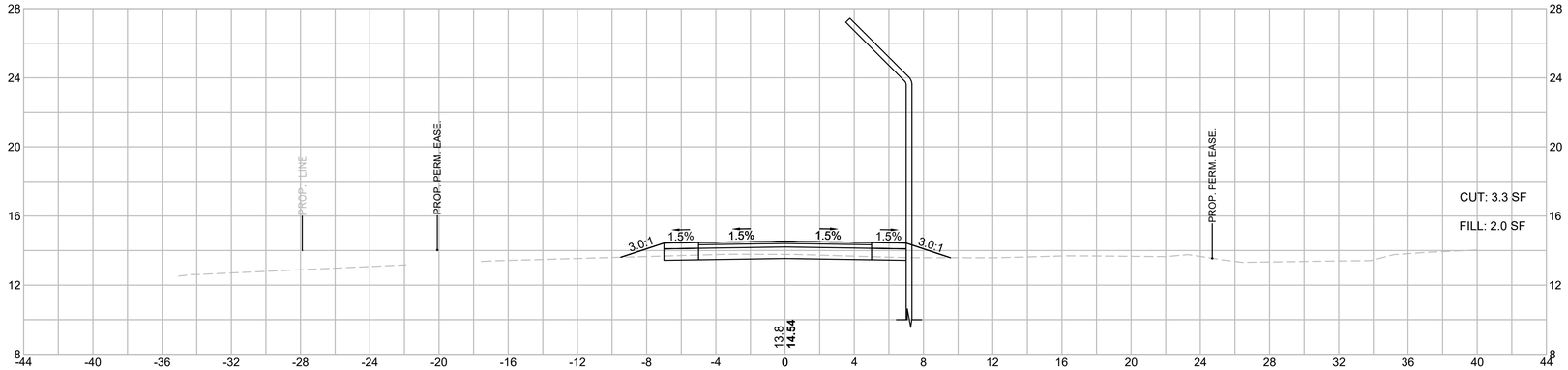
STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	239	274
PROJECT FILE NO.	607979		

CROSS SECTIONS
SHEET 116 OF 151

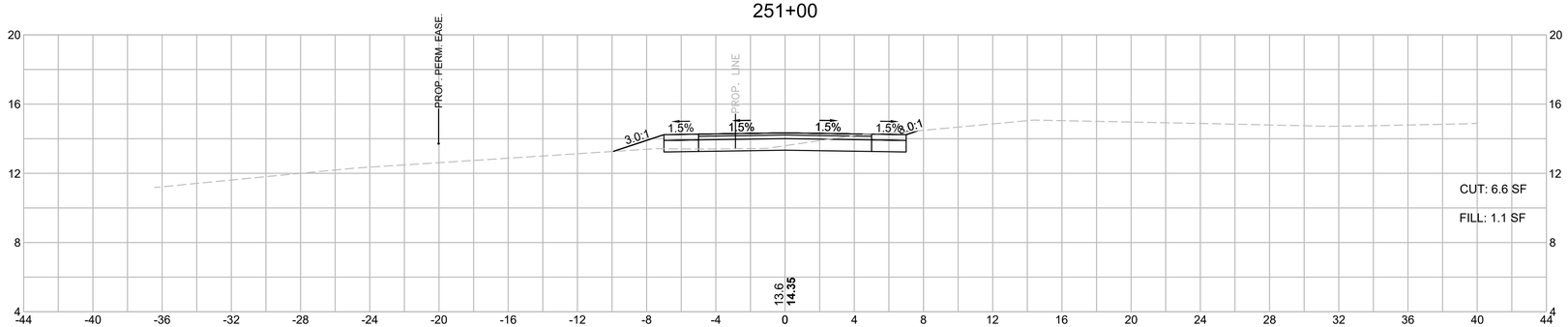
252+00



251+50



251+00



HOR. SCALE IN FEET
4 0 4 8
VER. SCALE IN FEET
4 0 4 8

607979_XSECT.DWG Plotted on 28-Sep-2017 3:43 PM

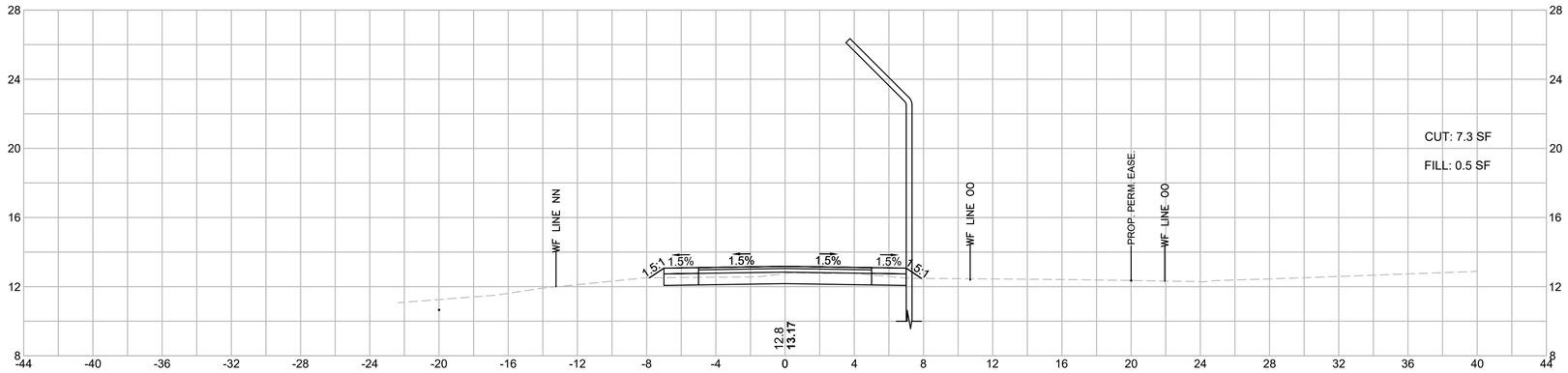
TOWN OF MARION
SHARED-USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	240	274
PROJECT FILE NO.	607979		

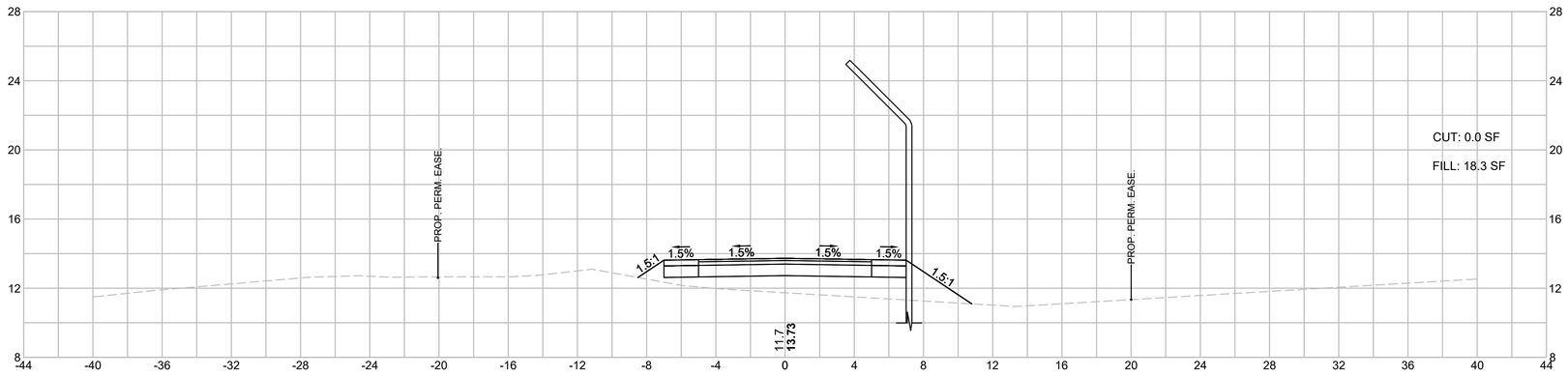
CROSS SECTIONS
SHEET 117 OF 151

607979_XSECT.DWG Plotted on 28-Sep-2017 3:43 PM

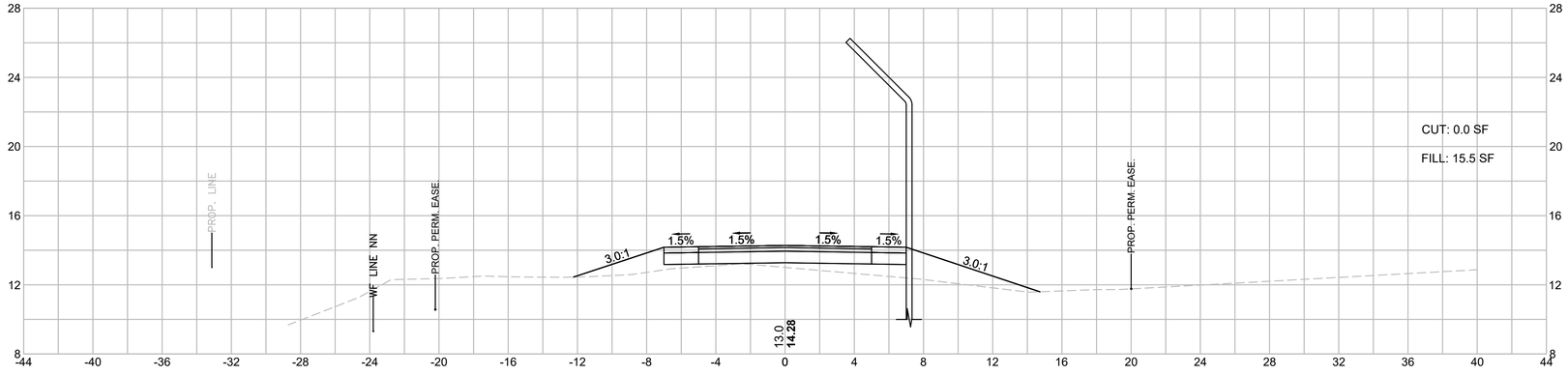
253+50



253+00



252+50



HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

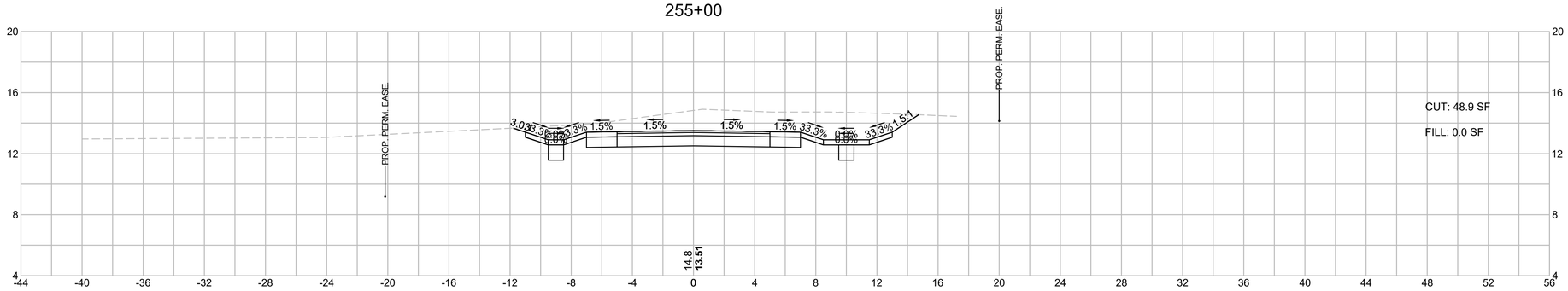
TOWN OF MARION
SHARED-USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	241	274
PROJECT FILE NO.	607979		

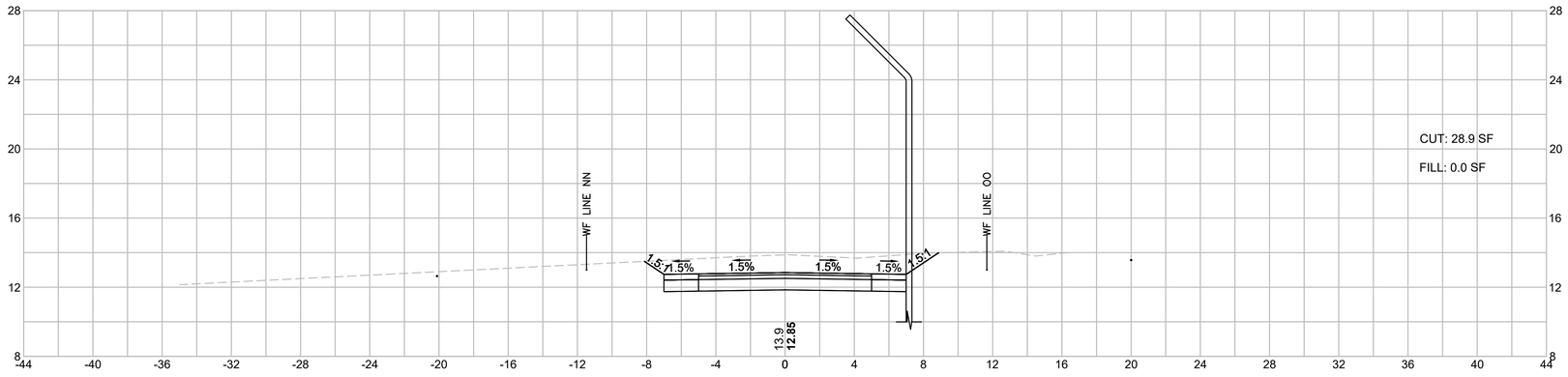
CROSS SECTIONS
SHEET 118 OF 151

607979_XSECT.DWG Plotted on 28-Sep-2017 3:43 PM

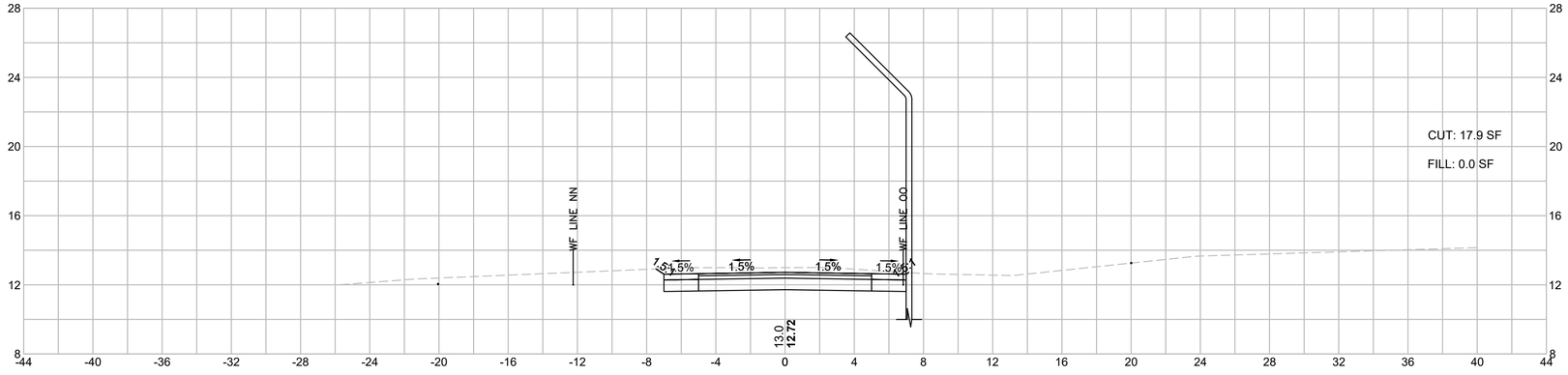
255+00



254+50



254+00



HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

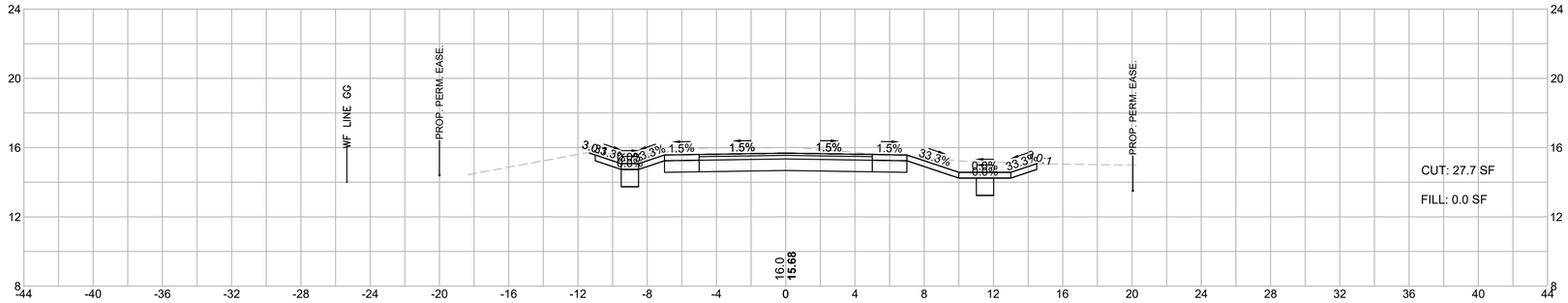
TOWN OF MARION
SHARED-USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	242	274
PROJECT FILE NO.	607979		

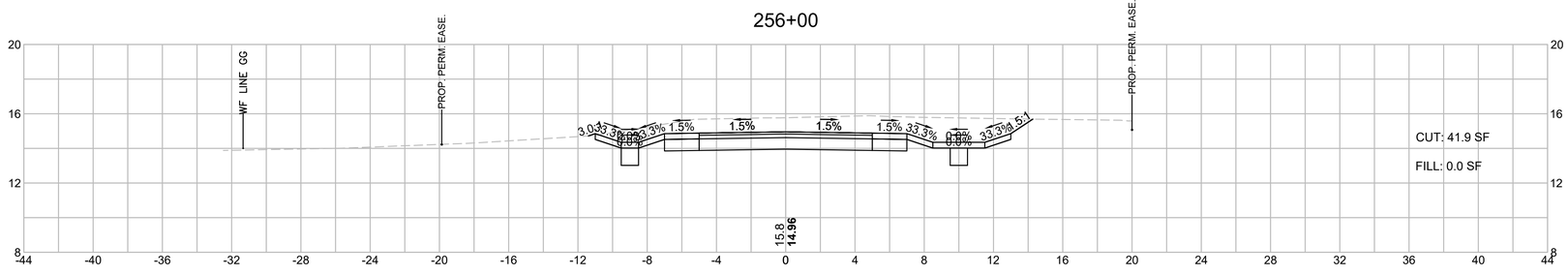
CROSS SECTIONS
SHEET 119 OF 151

607979_XSECT.DWG Plotted on 28-Sep-2017 3:43 PM

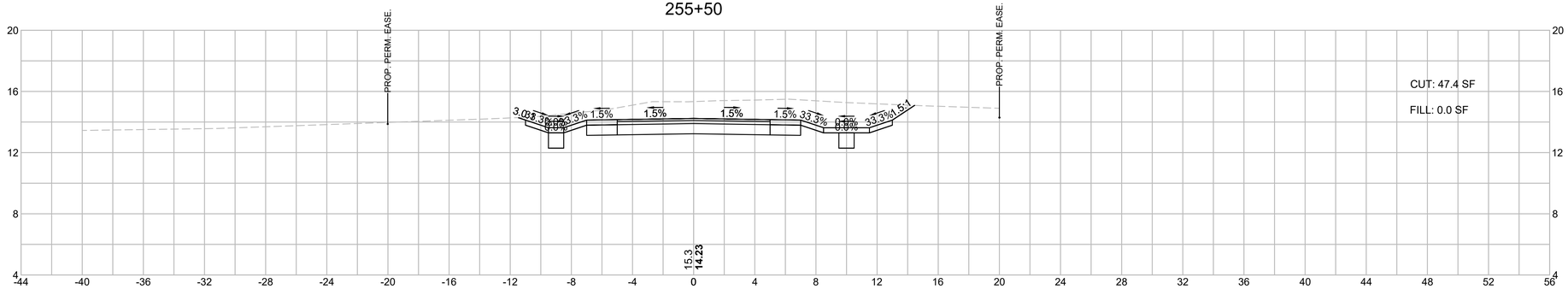
256+50

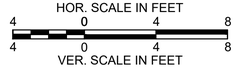


256+00



255+50





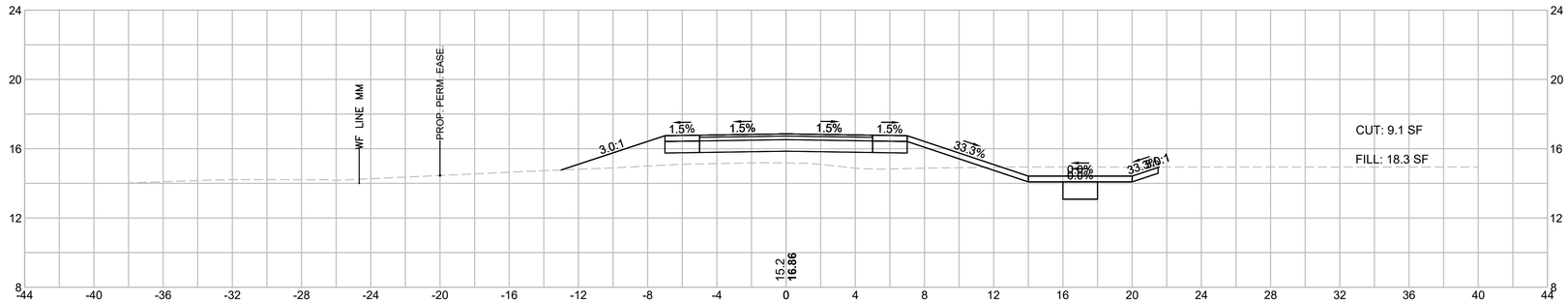
TOWN OF MARION
SHARED-USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	243	274
PROJECT FILE NO.	607979		

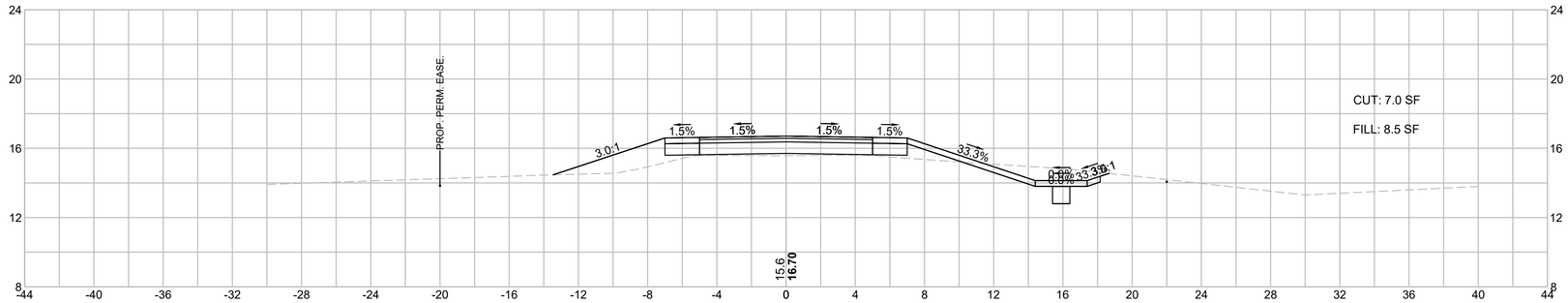
CROSS SECTIONS
SHEET 120 OF 151

Plotted on 28-Sep-2017 3:43 PM
607979_XSECT.DWG

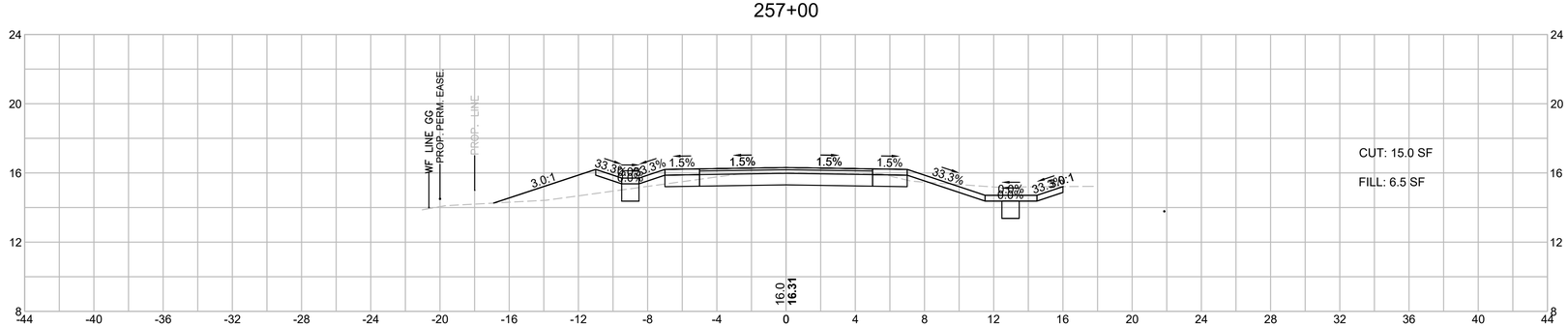
258+00



257+50



257+00

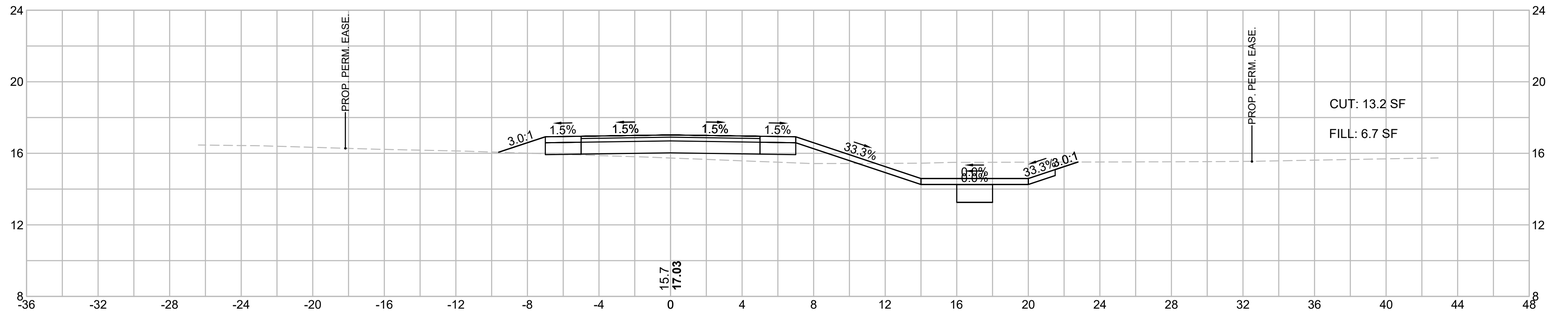


HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

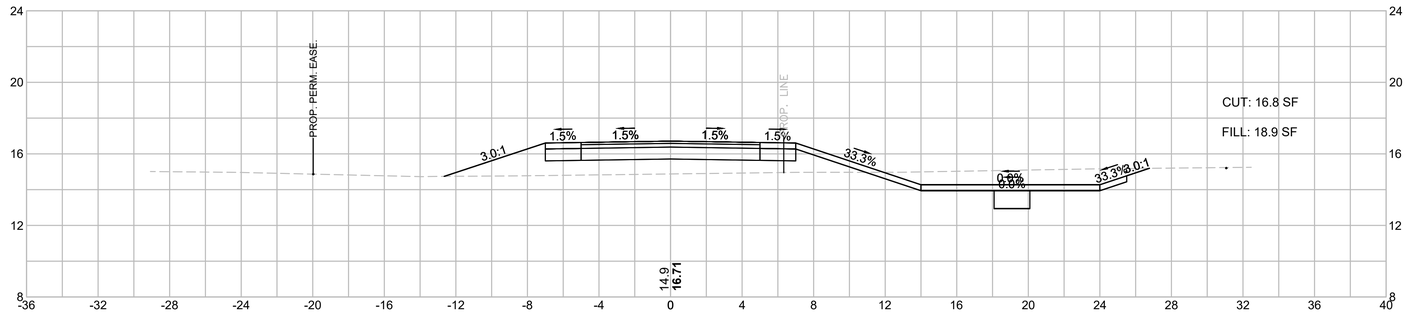
1+50



1+00



0+50



TOWN OF MARION
SHARED-USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	244	274
PROJECT FILE NO.	607979		

CROSS SECTIONS
SHEET 121 OF 151

HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

607979_XSECT.DWG Plotted on 28-Sep-2017 3:43 PM

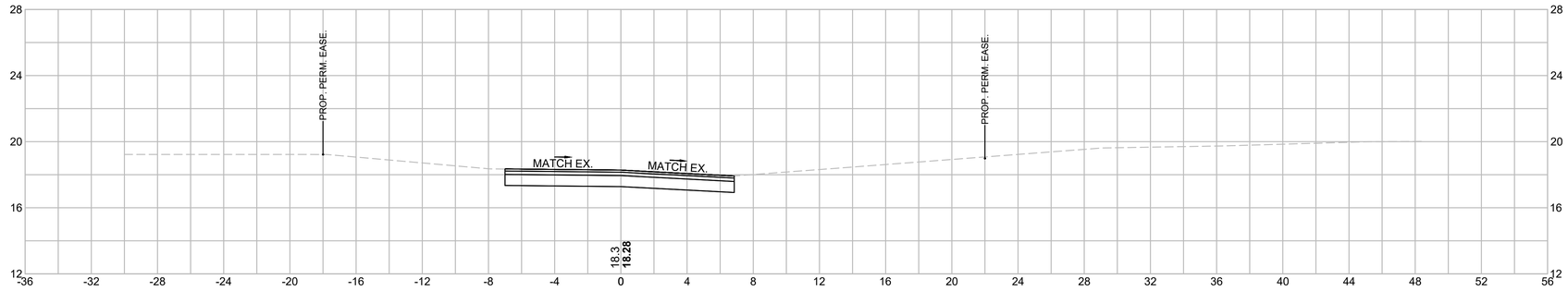
TOWN OF MARION
SHARED-USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	245	274
PROJECT FILE NO.	607979		

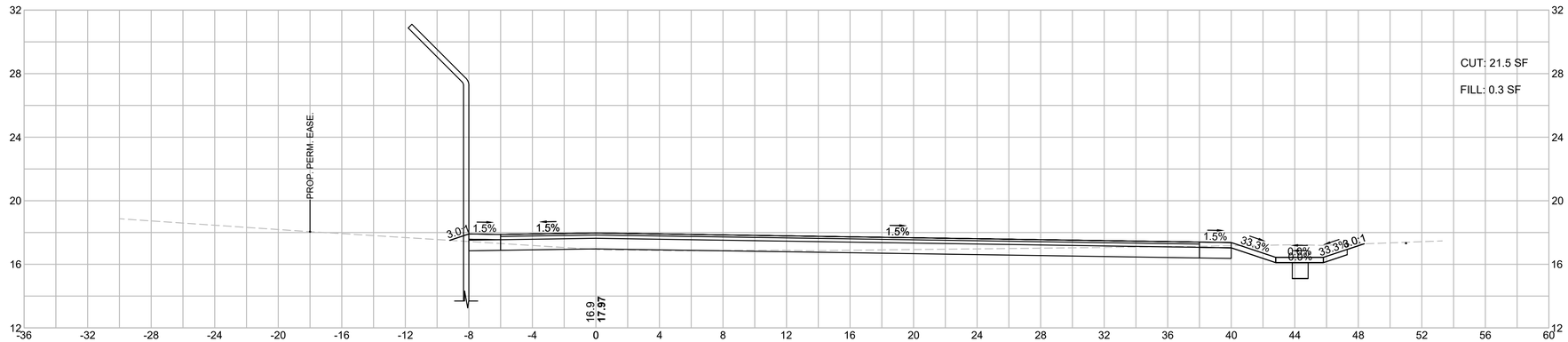
CROSS SECTIONS
SHEET 122 OF 151

607979_XSECT.DWG Plotted on 28-Sep-2017 3:43 PM

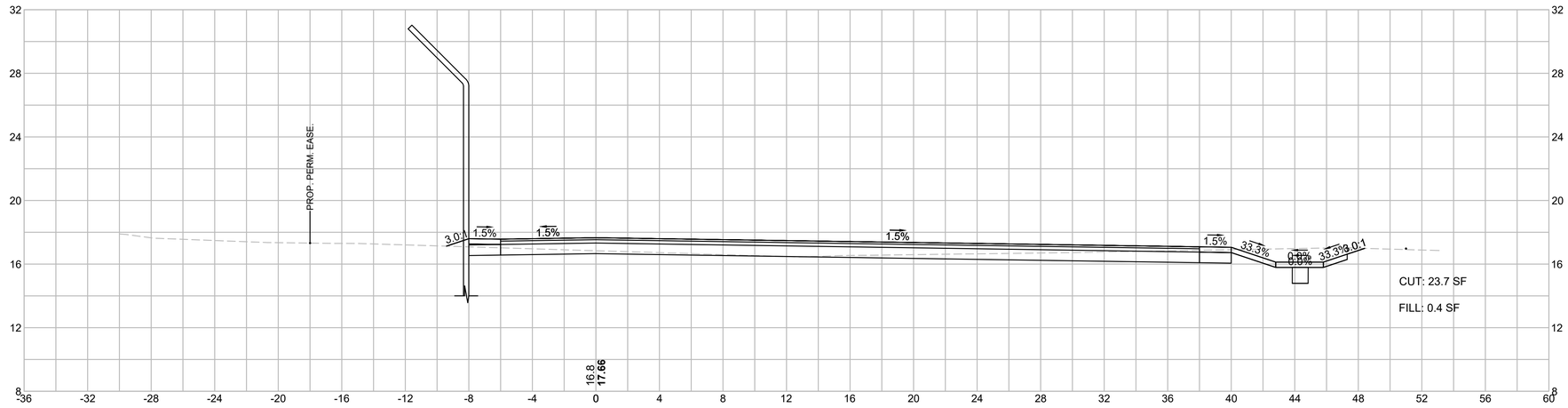
2+99.03



2+50



2+00



HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

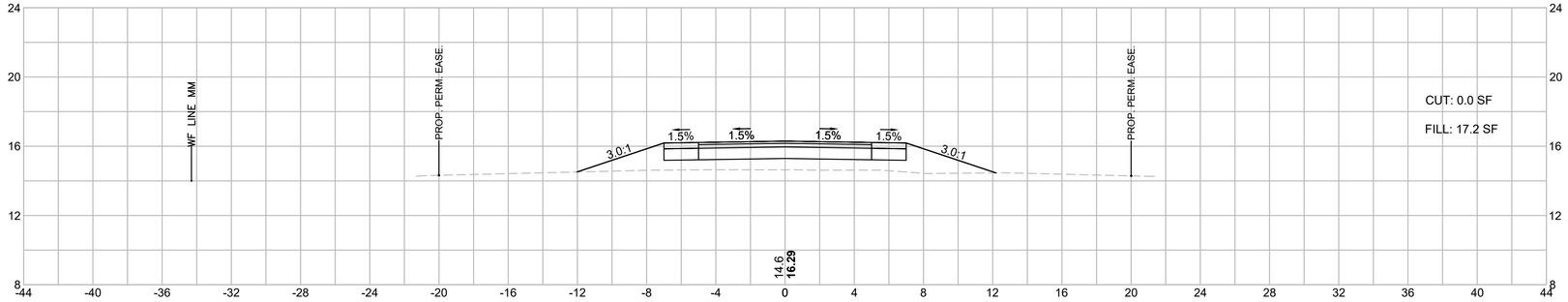
TOWN OF MARION
SHARED-USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	246	274
PROJECT FILE NO.	607979		

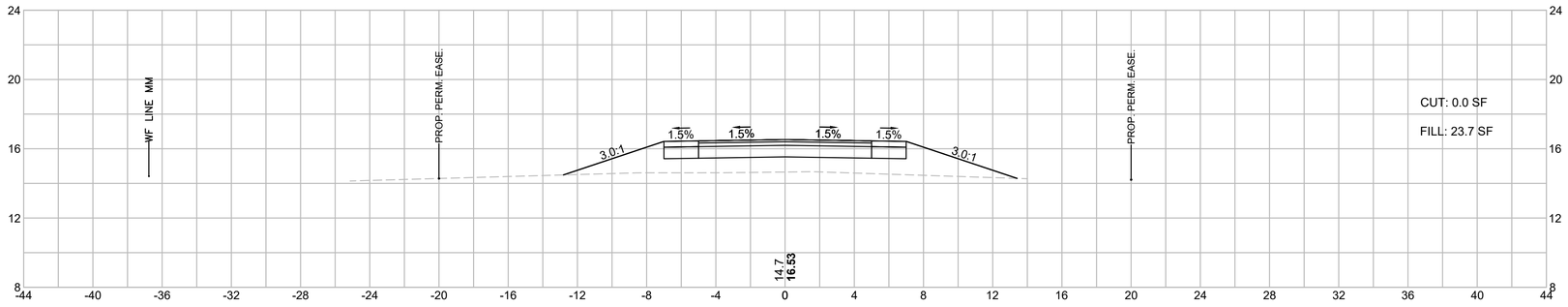
CROSS SECTIONS
SHEET 123 OF 151

607979_XSECT.DWG Plotted on 28-Sep-2017 3:43 PM

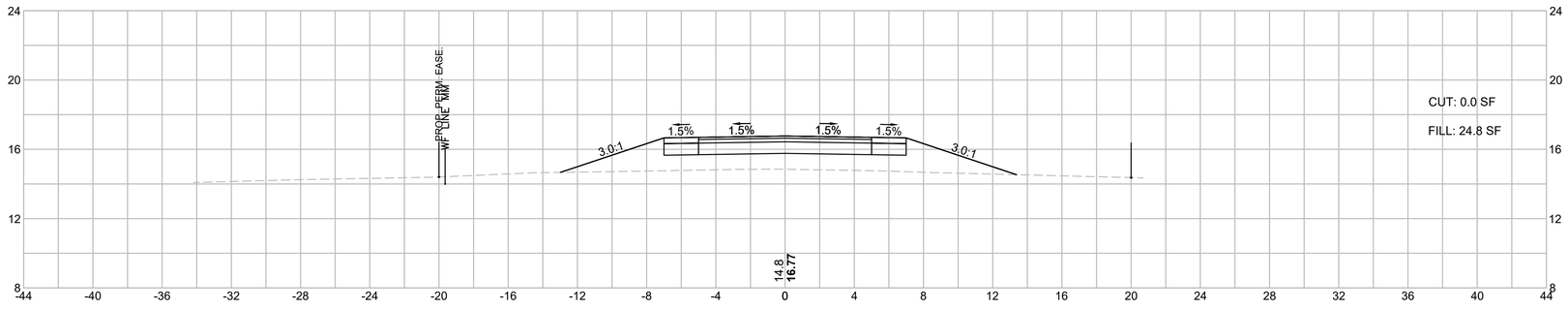
259+50



259+00



258+50



HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

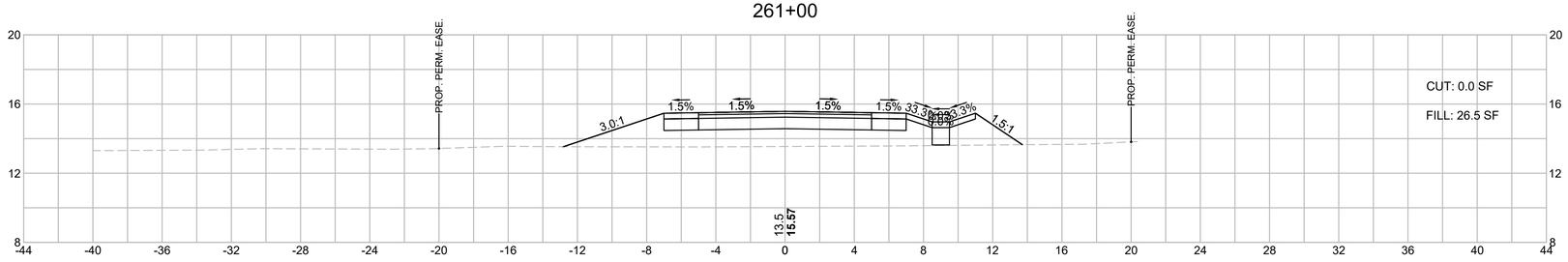
TOWN OF MARION
SHARED-USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	247	274
PROJECT FILE NO.	607979		

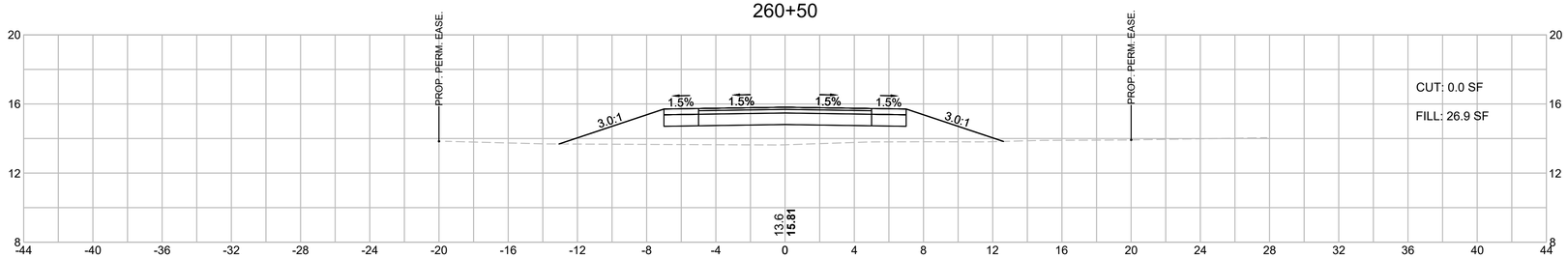
CROSS SECTIONS
SHEET 124 OF 151

607979_XSECT.DWG Plotted on 28-Sep-2017 3:43 PM

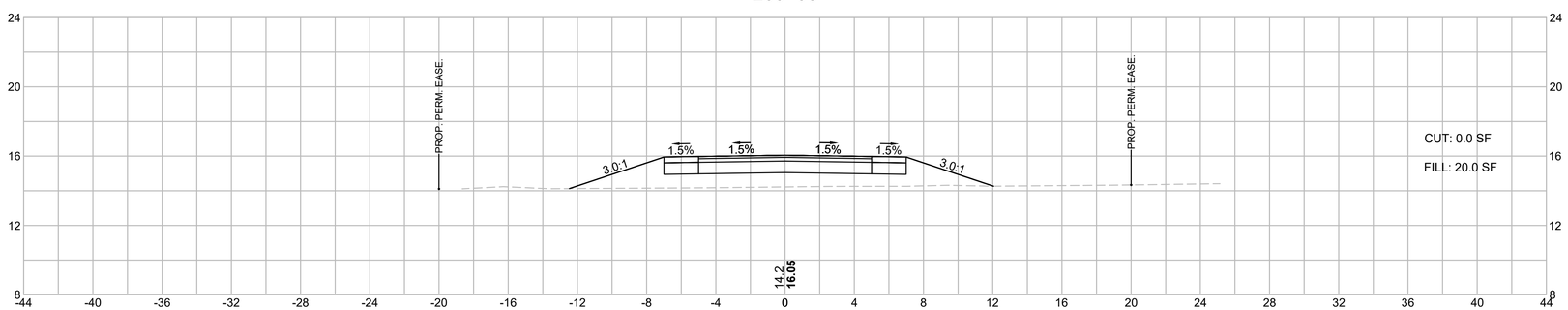
261+00



260+50



260+00



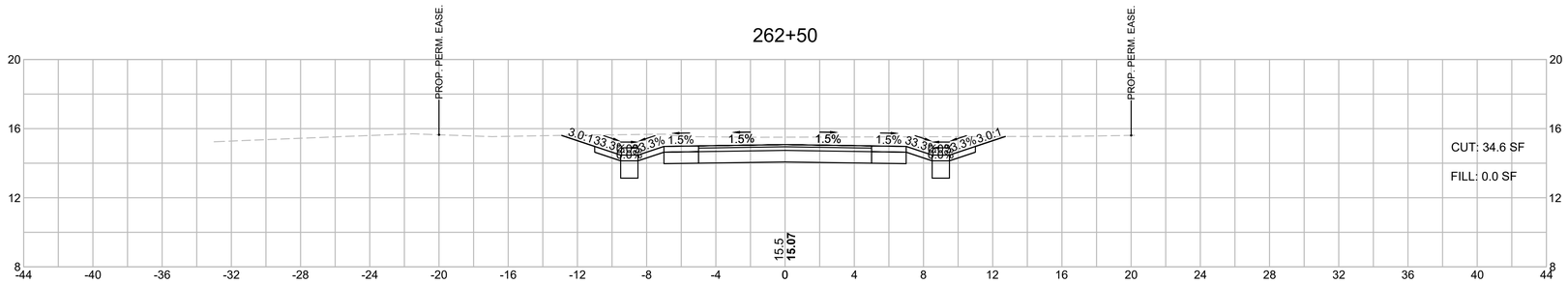
HOR. SCALE IN FEET
4 0 4 8
VER. SCALE IN FEET
4 0 4 8

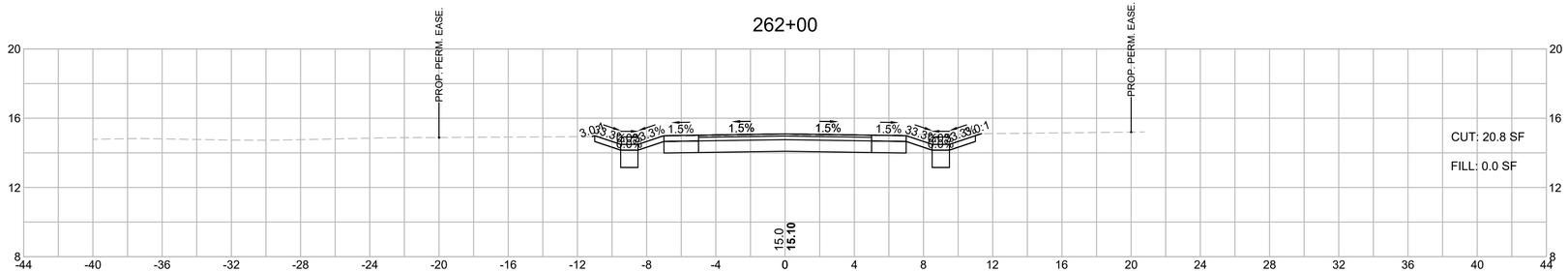
TOWN OF MARION
SHARED-USE PATH - PHASE 1

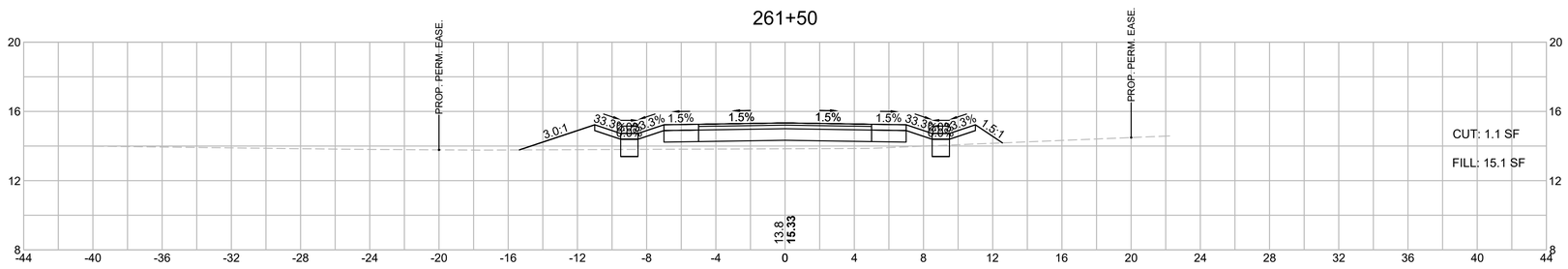
STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	248	274
PROJECT FILE NO.	607979		

CROSS SECTIONS
SHEET 125 OF 151

607979_XSECT.DWG Plotted on 28-Sep-2017 3:43 PM







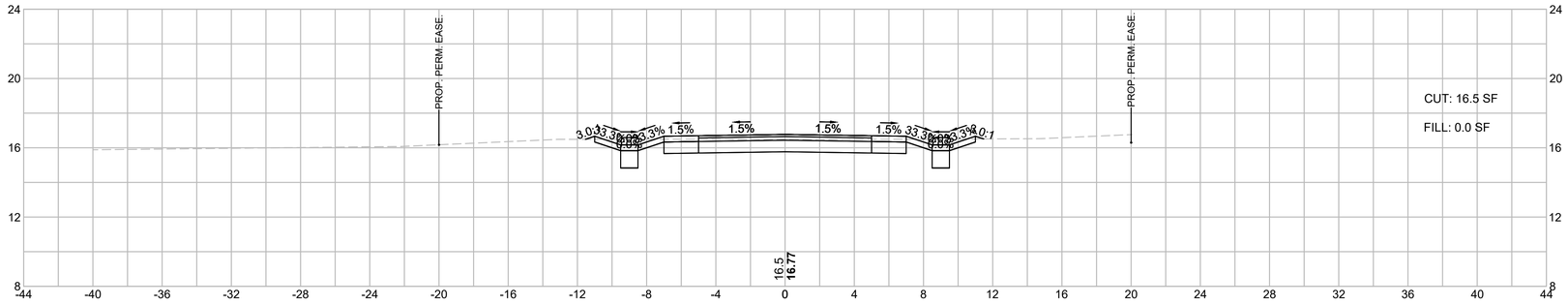
HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

TOWN OF MARION
SHARED-USE PATH - PHASE 1

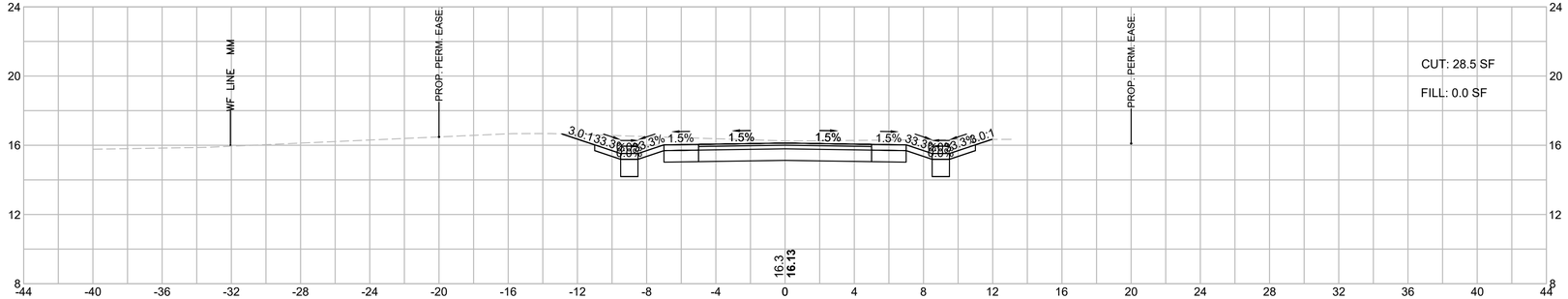
STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	249	274
PROJECT FILE NO.	607979		

CROSS SECTIONS
SHEET 126 OF 151

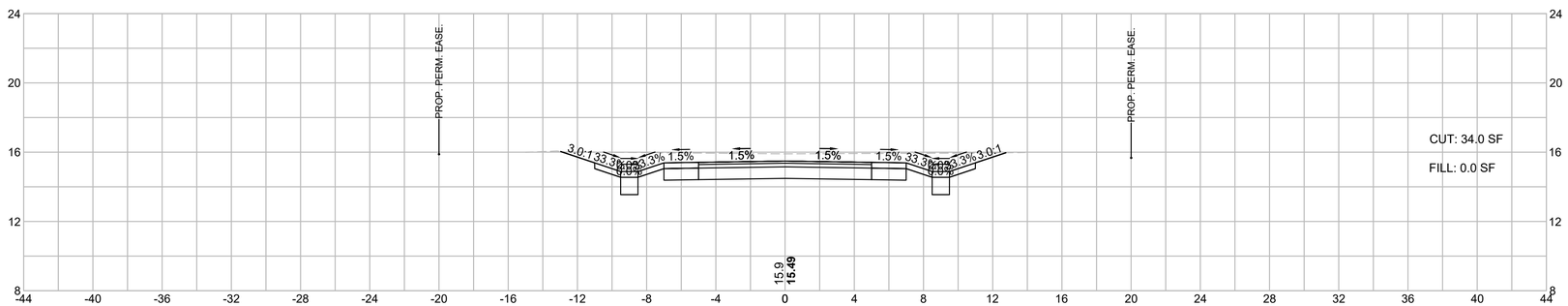
264+00



263+50



263+00



HOR. SCALE IN FEET
4 0 4 8
VER. SCALE IN FEET
4 0 4 8

607979_XSECT.DWG Plotted on 28-Sep-2017 3:43 PM

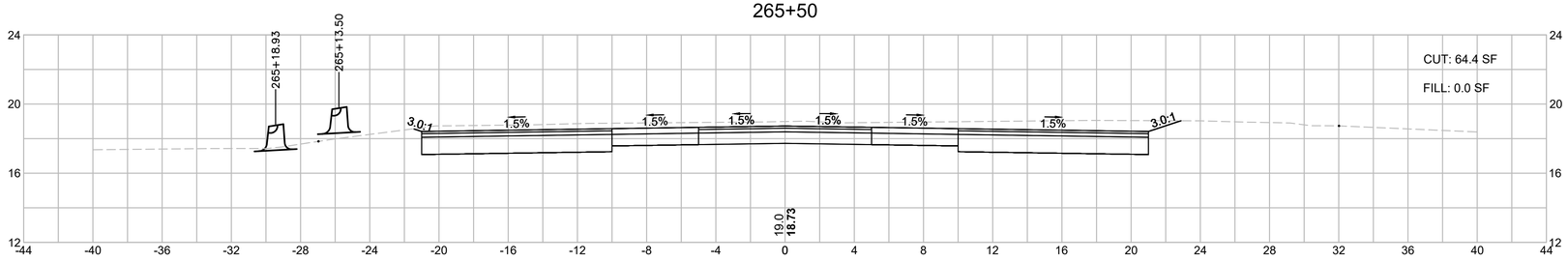
TOWN OF MARION
SHARED-USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	250	274
PROJECT FILE NO.	607979		

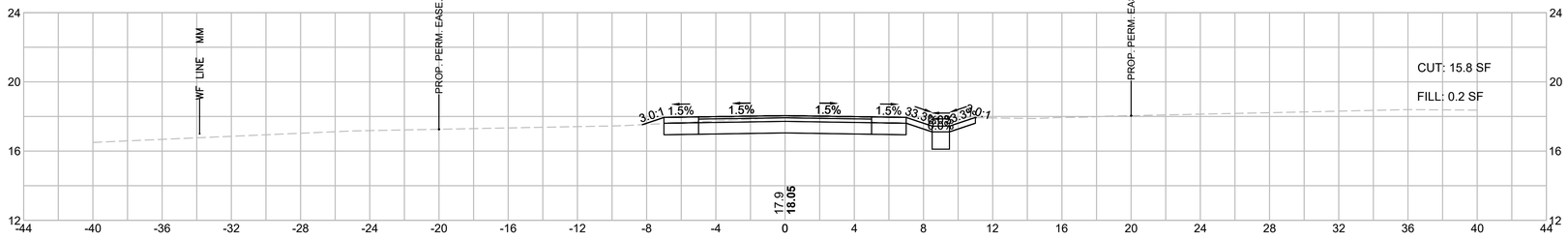
CROSS SECTIONS
SHEET 127 OF 151

607979_XSECT.DWG Plotted on 28-Sep-2017 3:43 PM

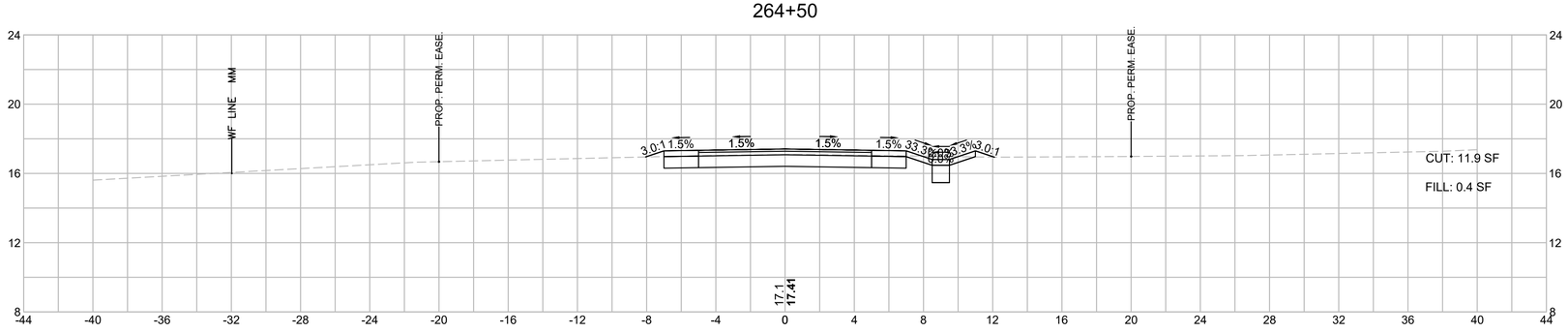
265+50



265+00



264+50



HOR. SCALE IN FEET
4 0 4 8
VER. SCALE IN FEET
4 0 4 8

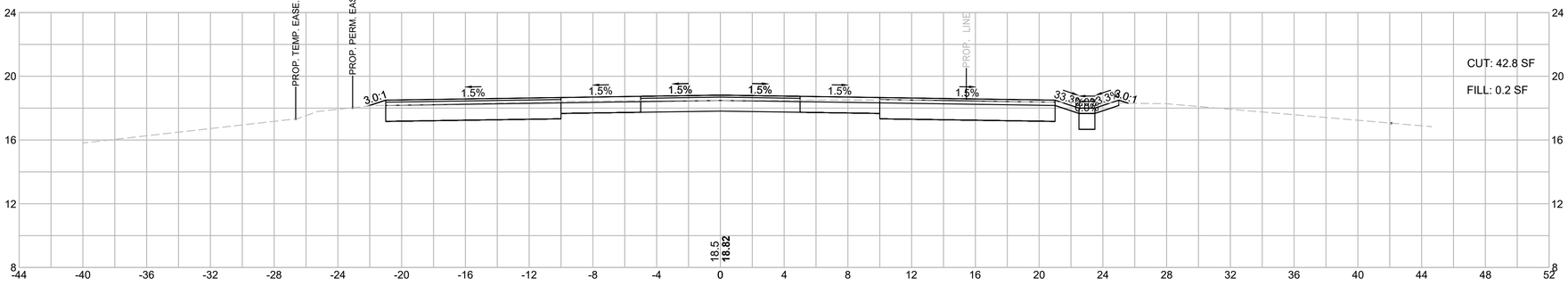
TOWN OF MARION
SHARED-USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	251	274
PROJECT FILE NO.	607979		

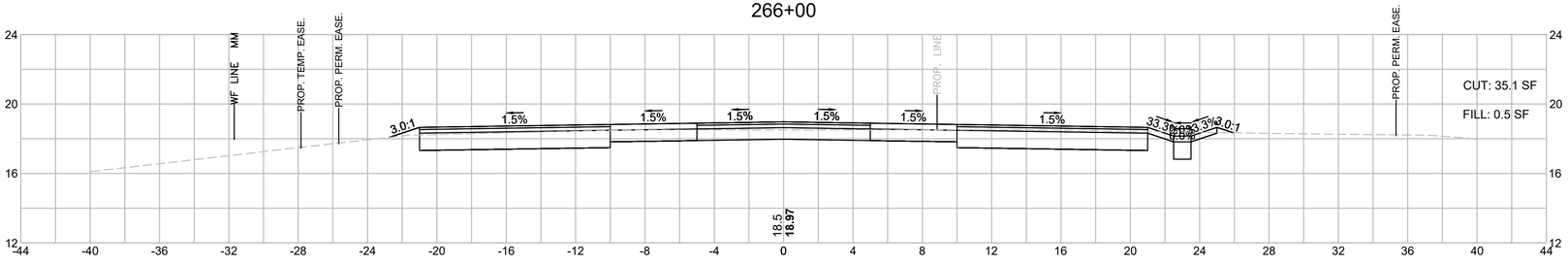
CROSS SECTIONS
SHEET 128 OF 151

607979_XSECT.DWG Plotted on 28-Sep-2017 3:43 PM

266+50



266+00



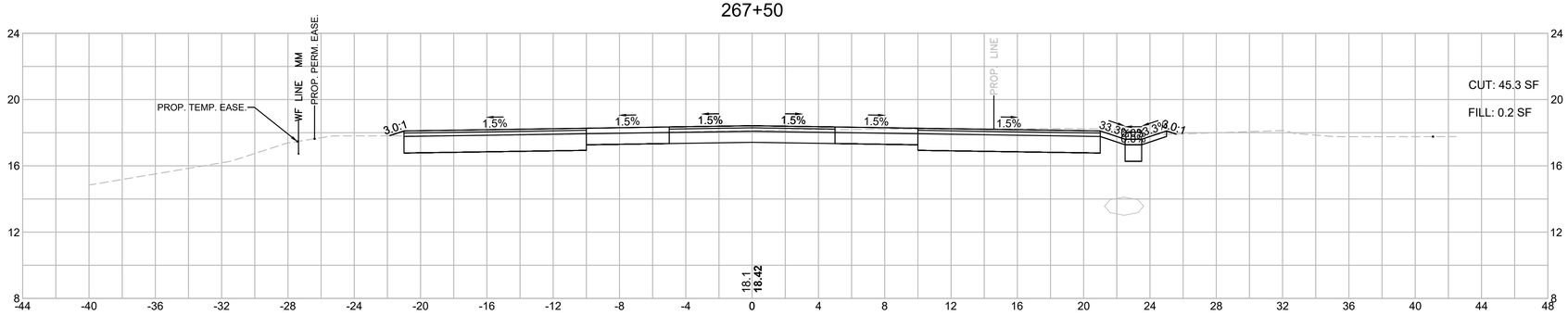
HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

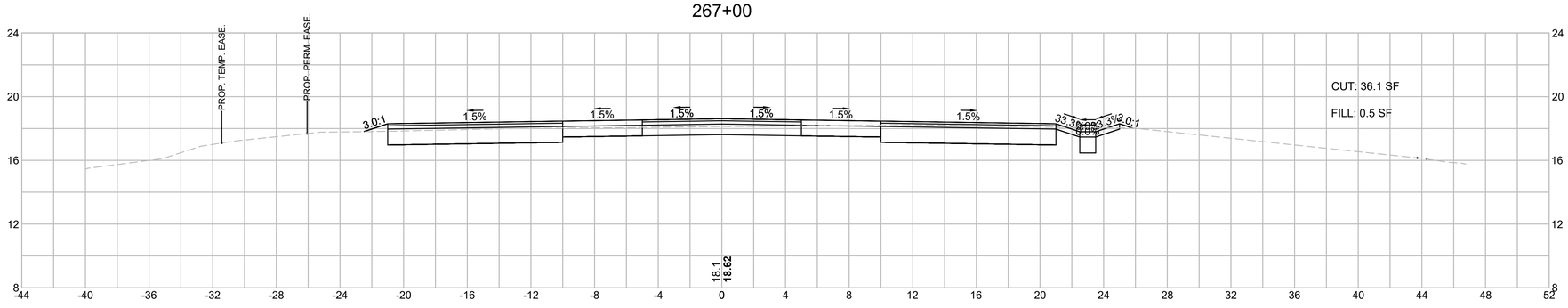
TOWN OF MARION
SHARED-USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	252	274
PROJECT FILE NO.	607979		

CROSS SECTIONS
SHEET 129 OF 151

607979_XSECT.DWG Plotted on 28-Sep-2017 3:43 PM





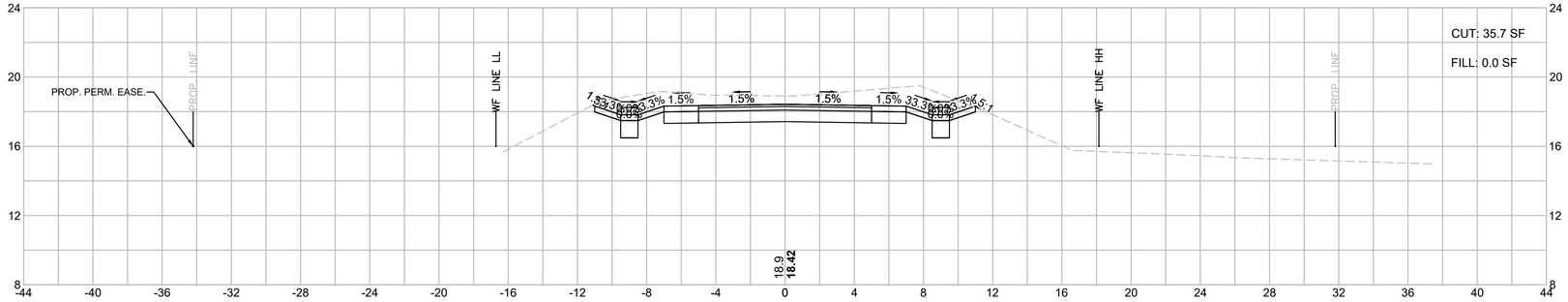
HOR. SCALE IN FEET
4 0 4 8
VER. SCALE IN FEET
4 0 4 8

TOWN OF MARION
SHARED-USE PATH - PHASE 1

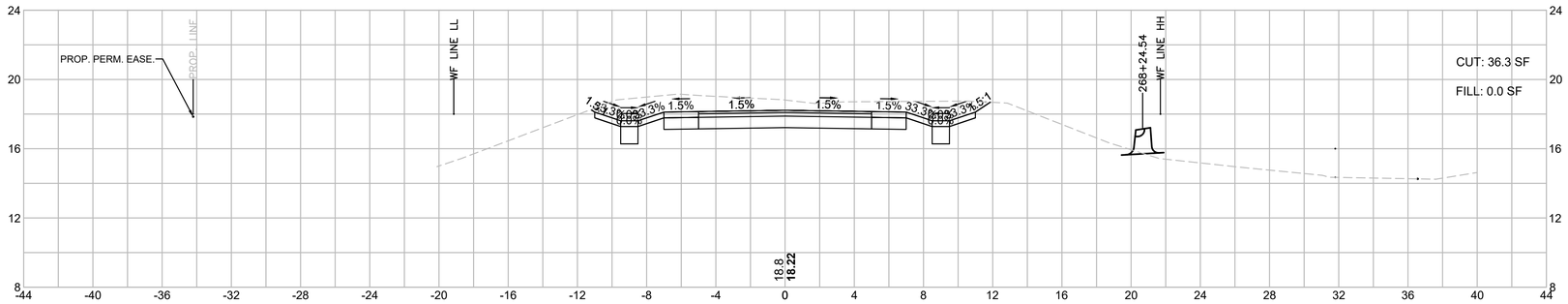
STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	253	274
PROJECT FILE NO.	607979		

CROSS SECTIONS
SHEET 130 OF 151

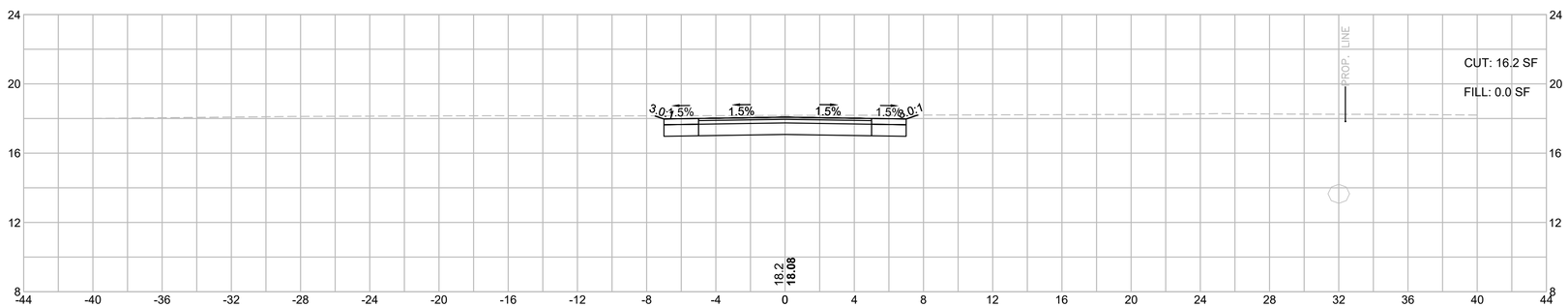
269+00



268+50



268+00



HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

607979_XSECT.DWG Plotted on 28-Sep-2017 3:43 PM

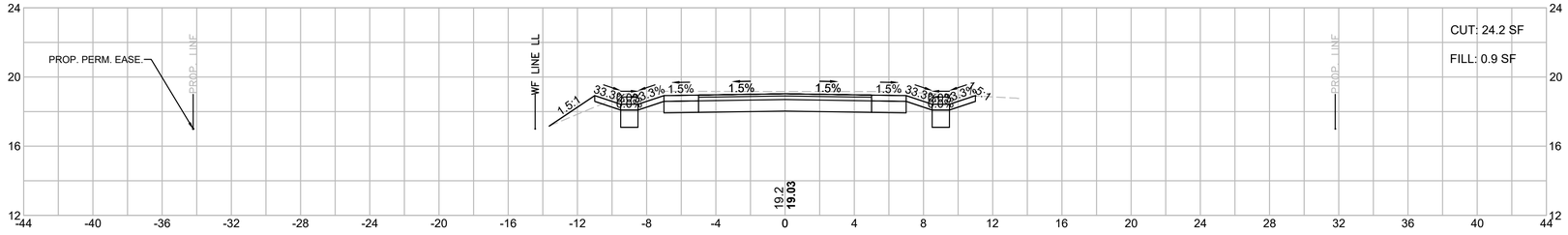
TOWN OF MARION
SHARED-USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	254	274
PROJECT FILE NO.	607979		

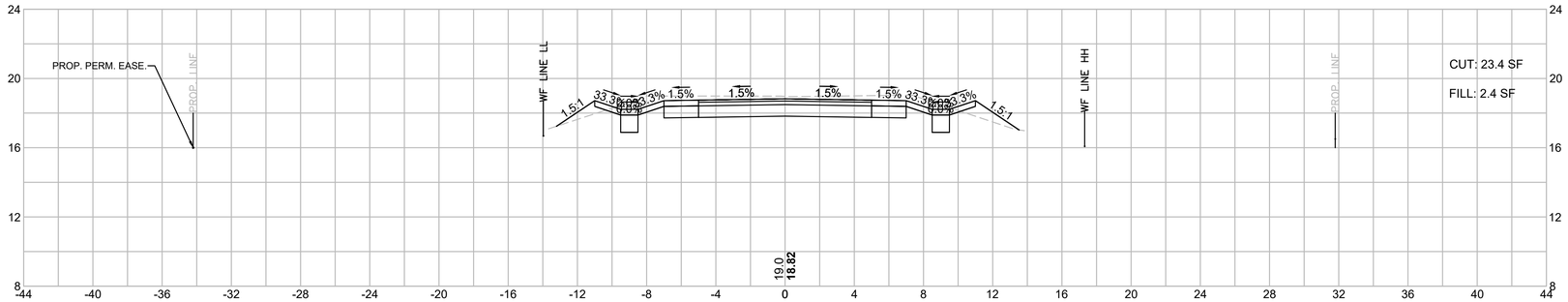
CROSS SECTIONS
SHEET 131 OF 151

607979_XSECT.DWG Plotted on 28-Sep-2017 3:43 PM

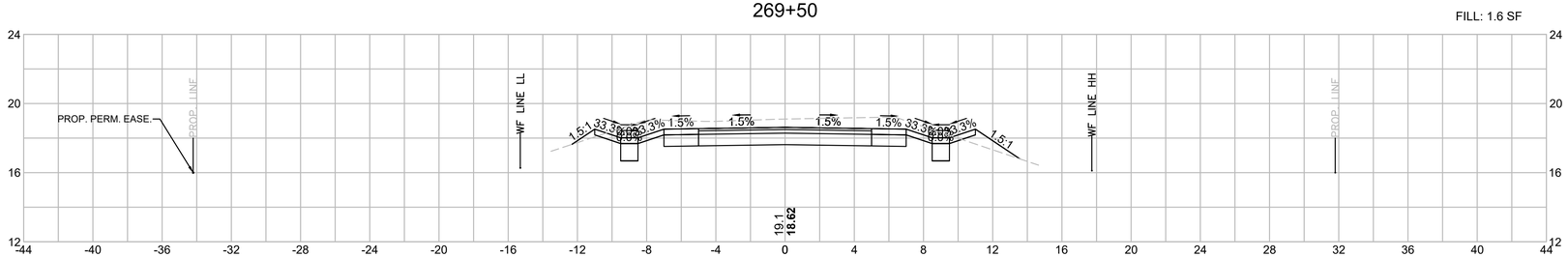
270+50



270+00



269+50



HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

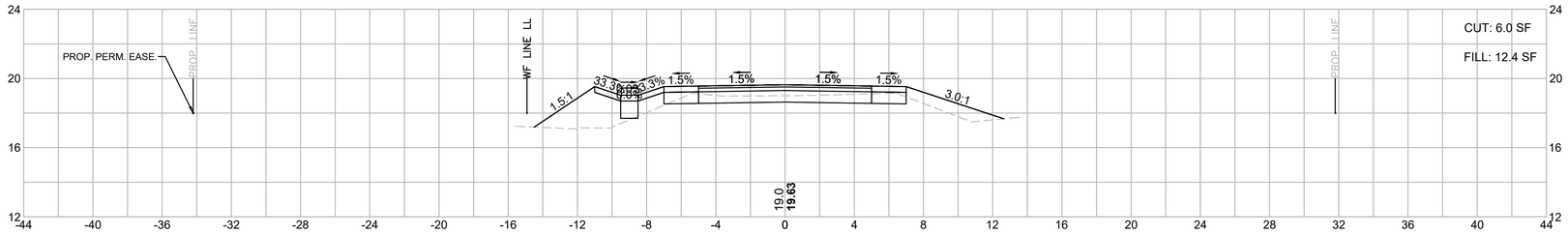
TOWN OF MARION
SHARED-USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	255	274
PROJECT FILE NO.	607979		

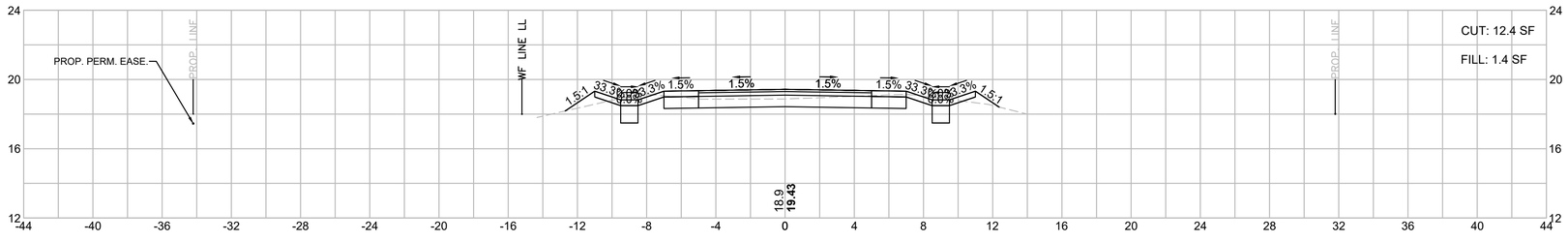
CROSS SECTIONS
SHEET 132 OF 151

607979_XSECT.DWG Plotted on 28-Sep-2017 3:43 PM

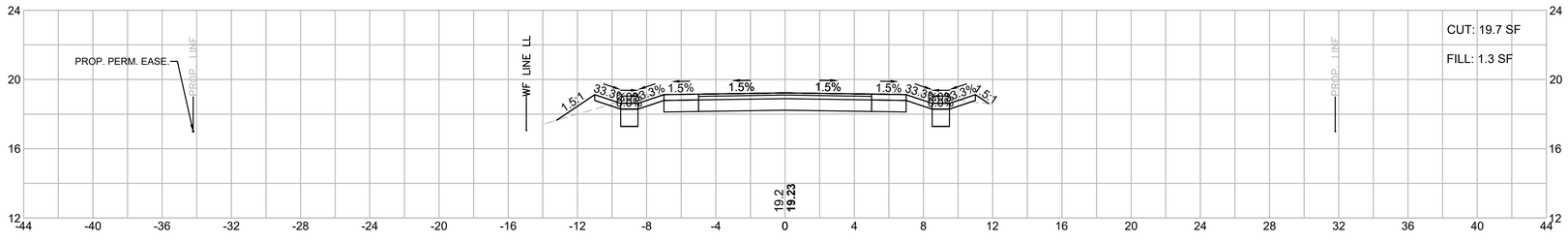
272+00



271+50



271+00



HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

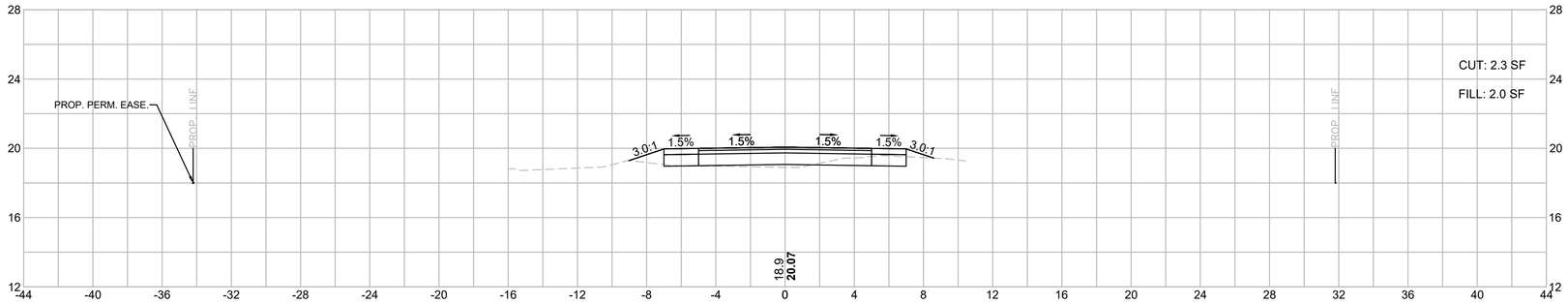
TOWN OF MARION
SHARED-USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	256	274
PROJECT FILE NO.	607979		

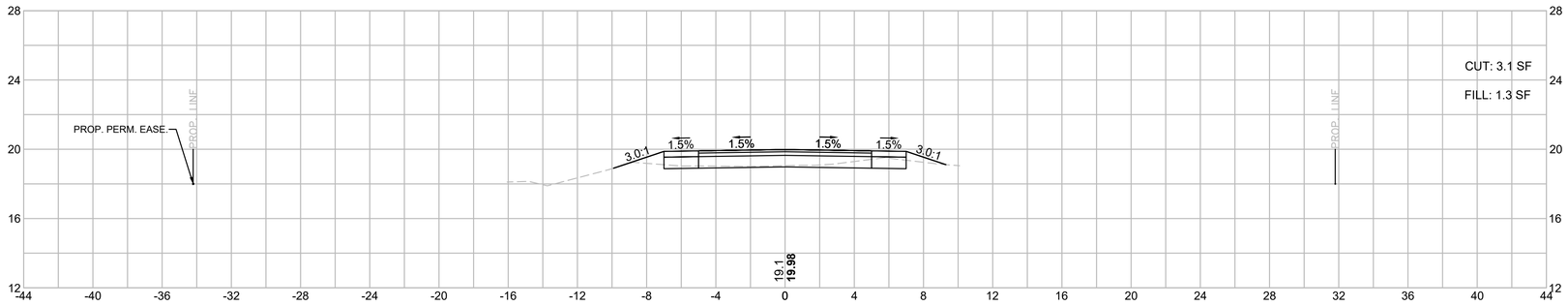
CROSS SECTIONS
SHEET 133 OF 151

607979_XSECT.DWG Plotted on 28-Sep-2017 3:43 PM

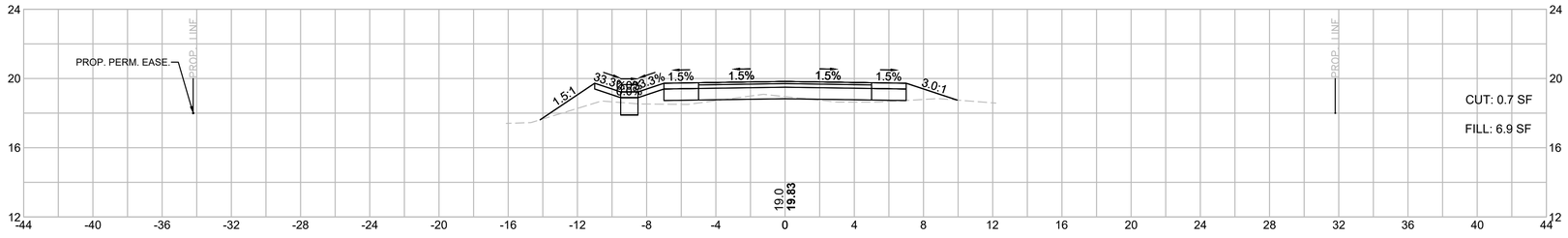
273+50



273+00



272+50



HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

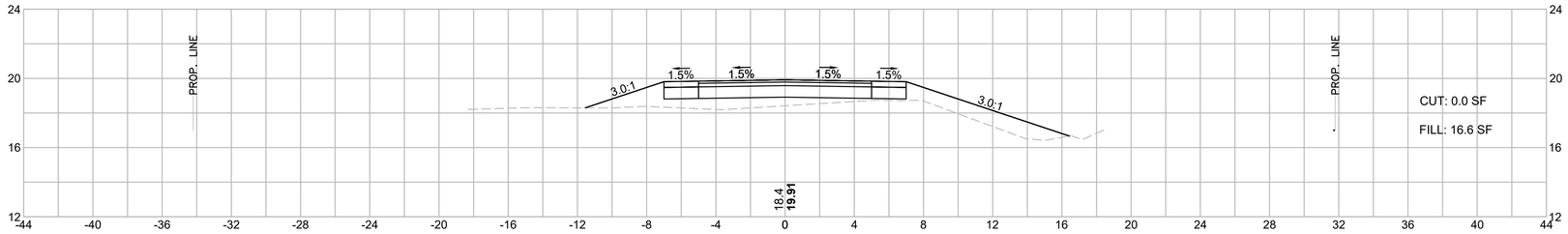
TOWN OF MARION
SHARED-USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	257	274
PROJECT FILE NO.	607979		

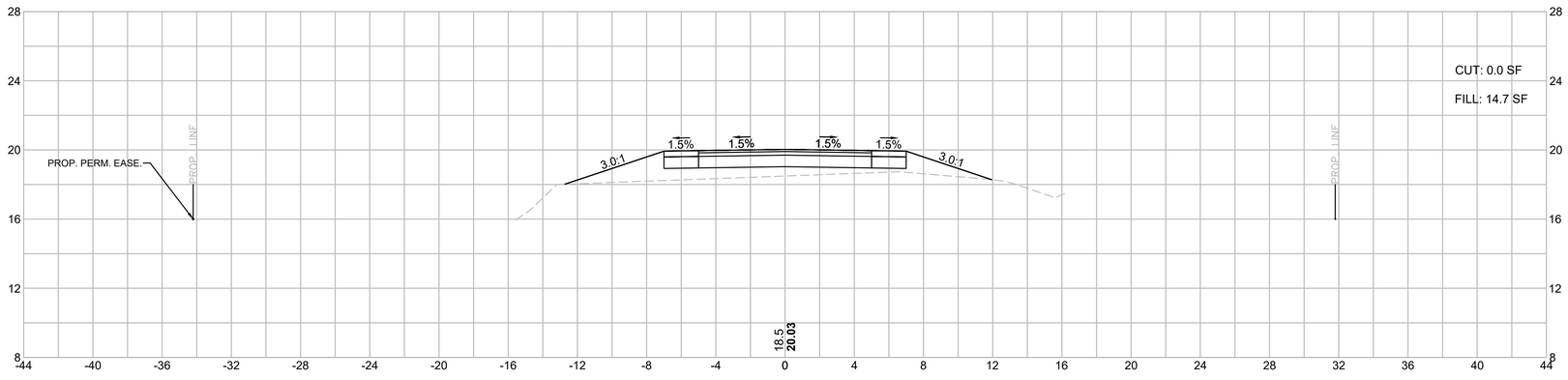
CROSS SECTIONS
SHEET 134 OF 151

Plotted on 28-Sep-2017 3:43 PM
607979_XSECT.DWG

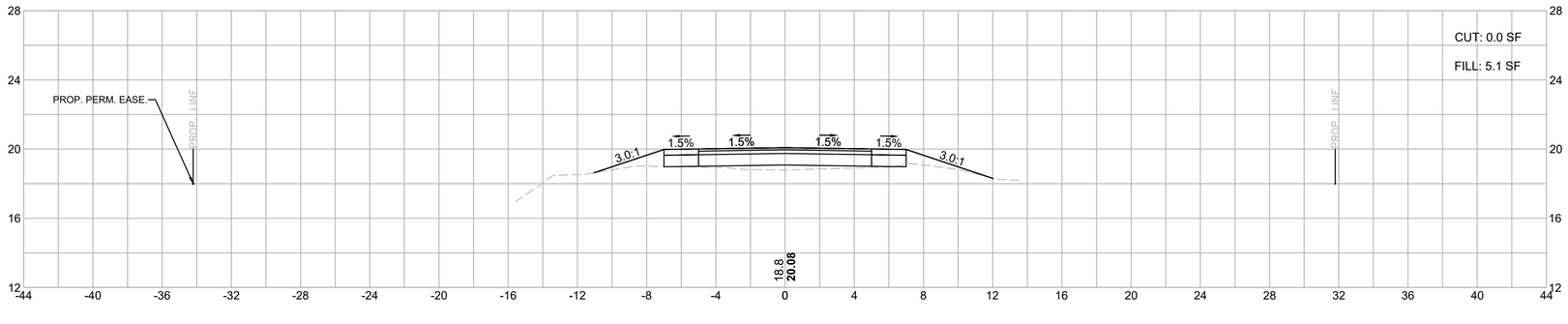
275+00



274+50



274+00



HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

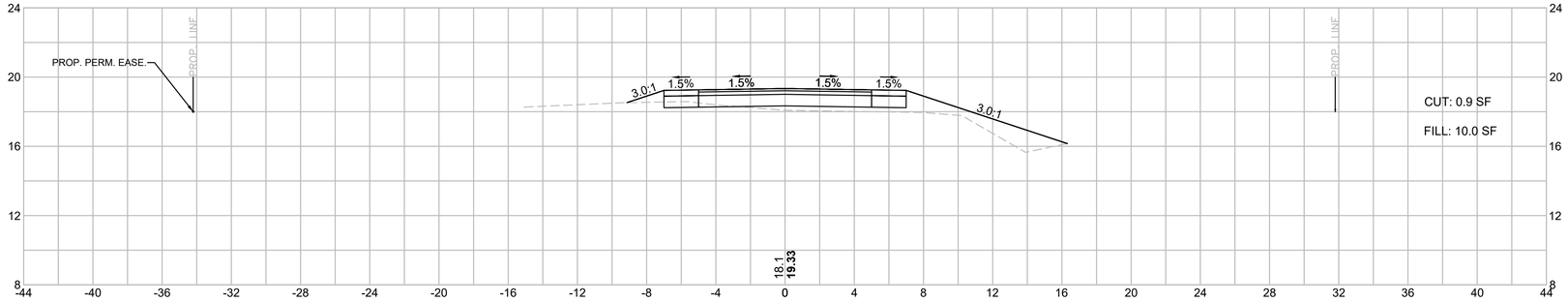
TOWN OF MARION
SHARED-USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	258	274
PROJECT FILE NO.	607979		

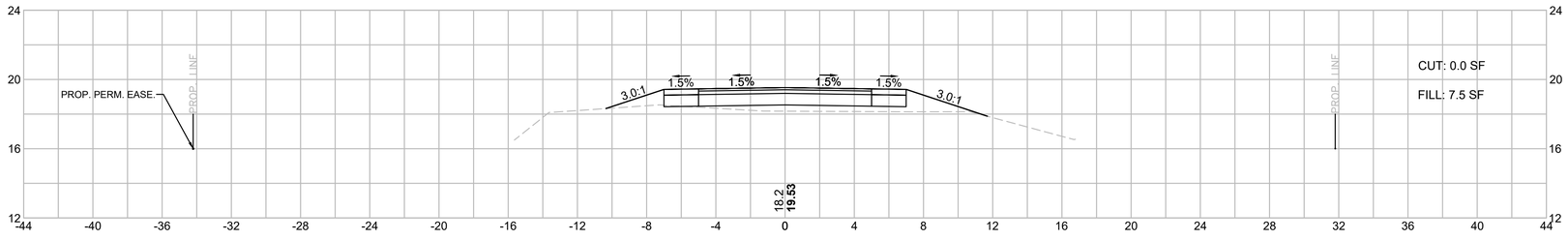
CROSS SECTIONS
SHEET 135 OF 151

607979_XSECT.DWG Plotted on 28-Sep-2017 3:43 PM

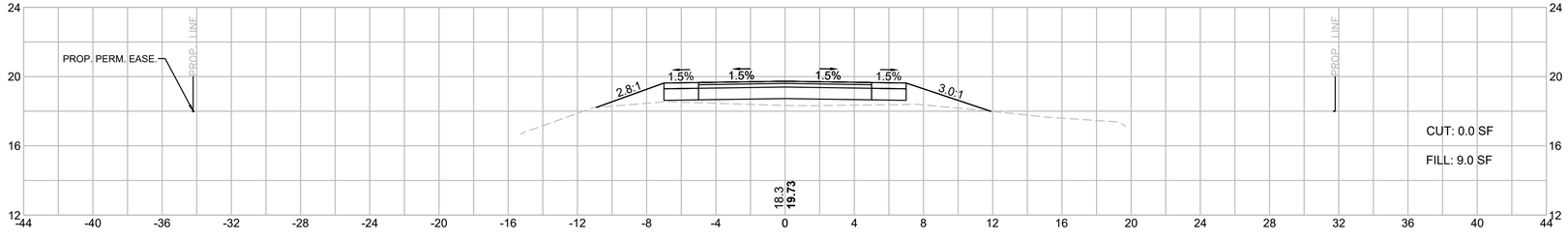
276+50



276+00



275+50



HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

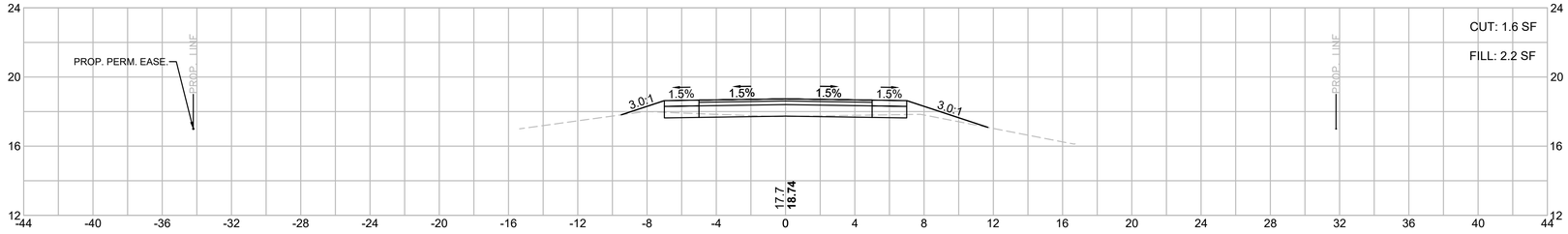
TOWN OF MARION
SHARED-USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	259	278
PROJECT FILE NO.	607979		

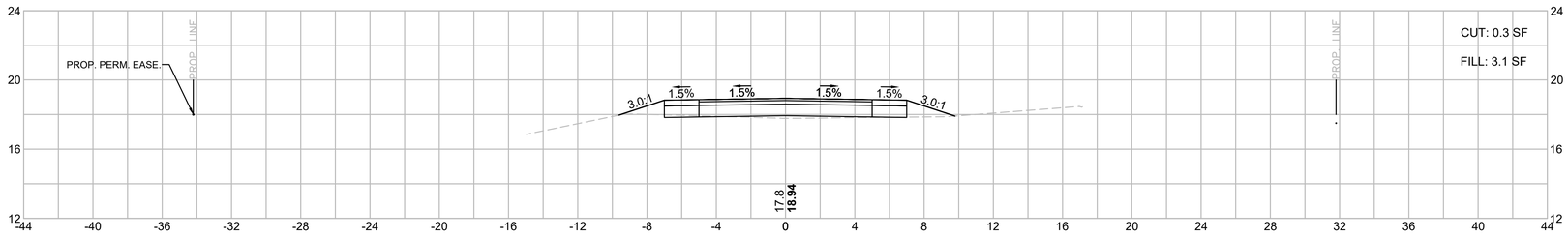
CROSS SECTIONS
SHEET 136 OF 151

607979_XSECT.DWG Plotted on 28-Sep-2017 3:43 PM

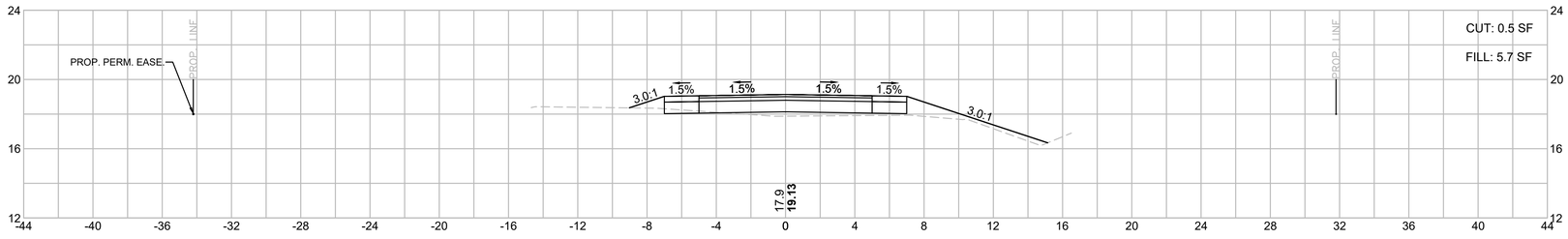
278+00



277+50



277+00



HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

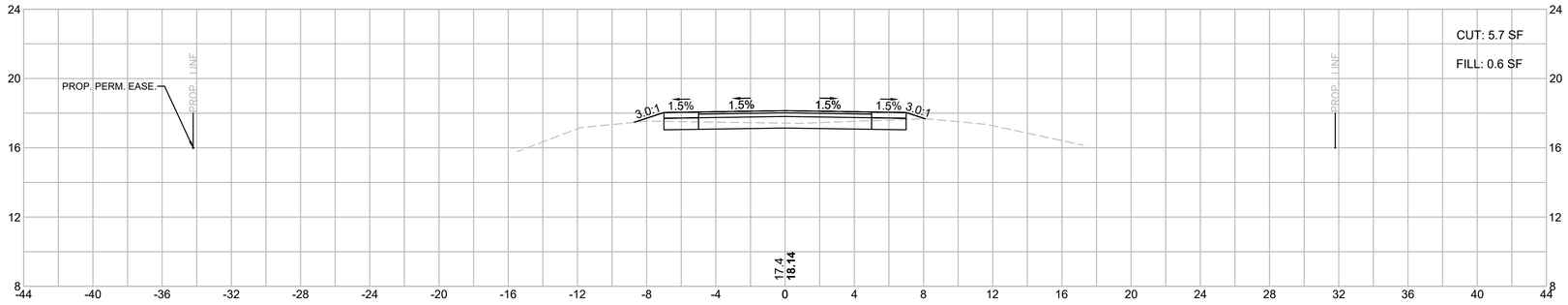
TOWN OF MARION
SHARED-USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	260	274
PROJECT FILE NO.	607979		

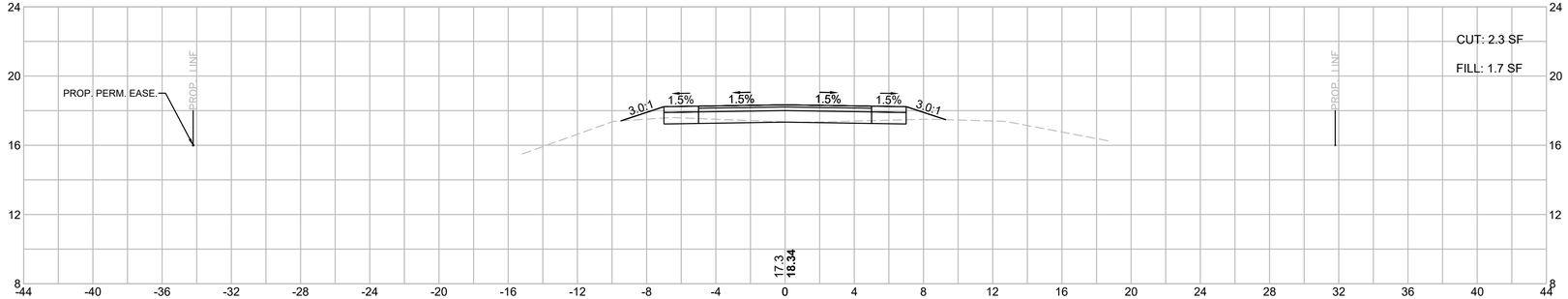
CROSS SECTIONS
SHEET 137 OF 151

607979_XSECT.DWG Plotted on 28-Sep-2017 3:43 PM

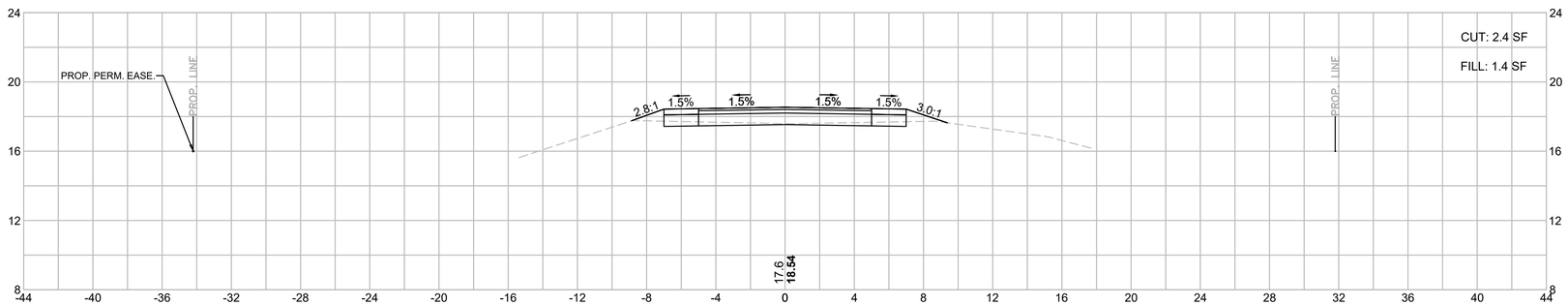
279+50



279+00



278+50



HOR. SCALE IN FEET
4 0 4 8
VER. SCALE IN FEET
4 0 4 8

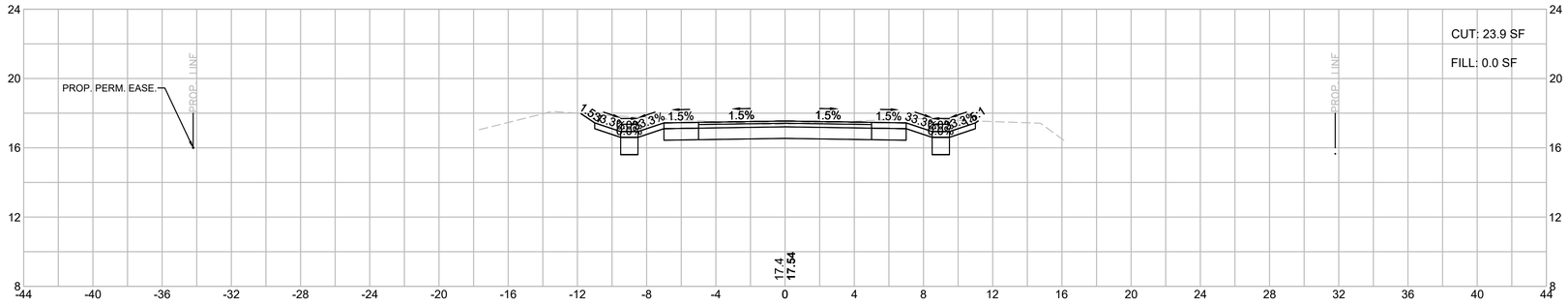
TOWN OF MARION
SHARED-USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	261	274
PROJECT FILE NO.	607979		

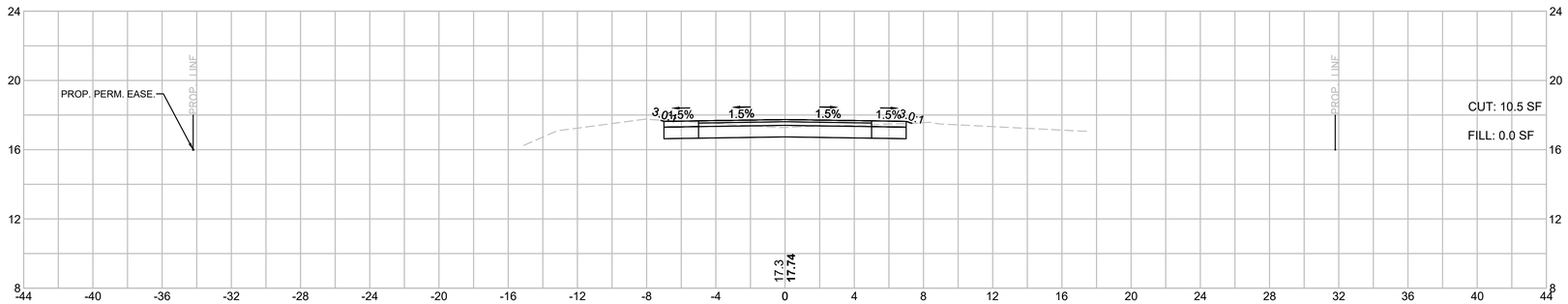
CROSS SECTIONS
SHEET 138 OF 151

607979_XSECT.DWG Plotted on 28-Sep-2017 3:43 PM

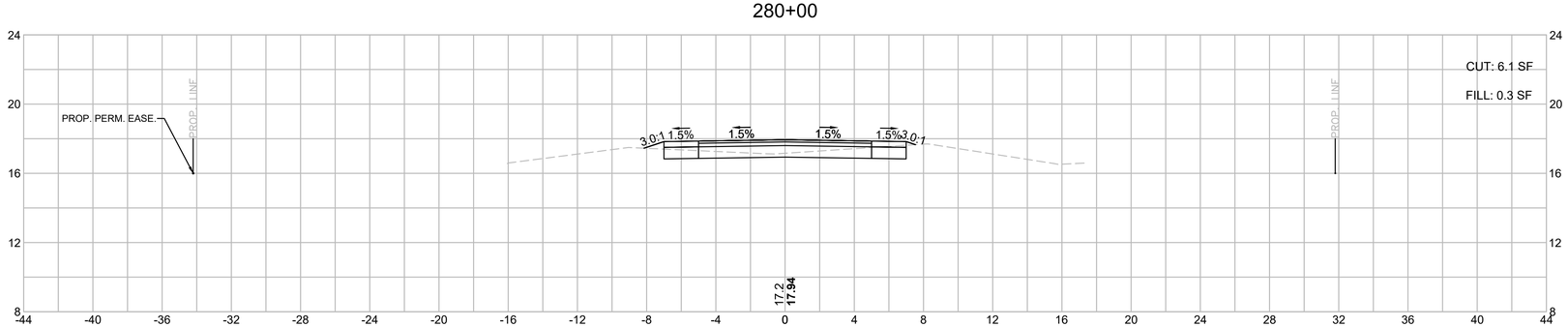
281+00



280+50



280+00



HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

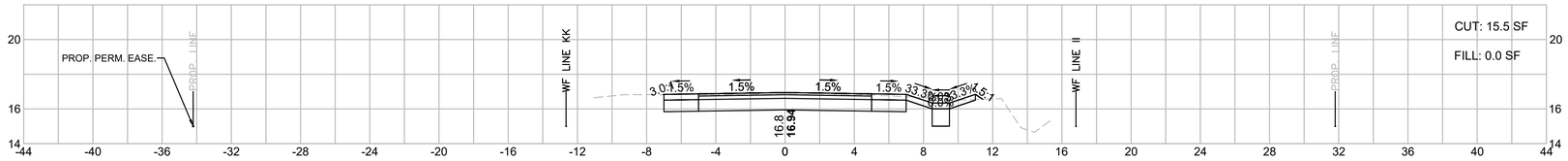
TOWN OF MARION
SHARED-USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	262	274
PROJECT FILE NO.	607979		

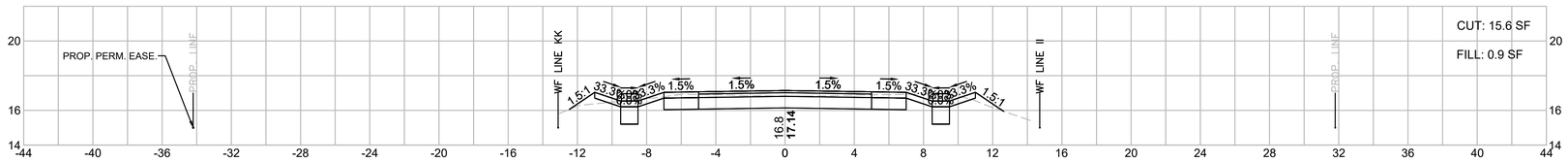
CROSS SECTIONS
SHEET 139 OF 151

607979_XSECT.DWG Plotted on 28-Sep-2017 3:43 PM

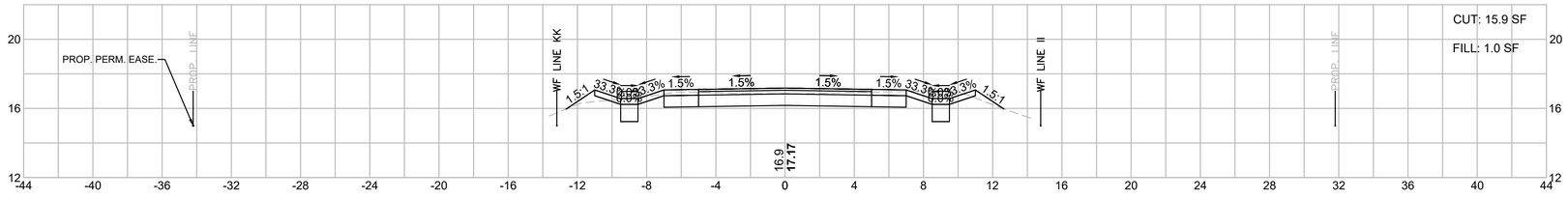
282+50



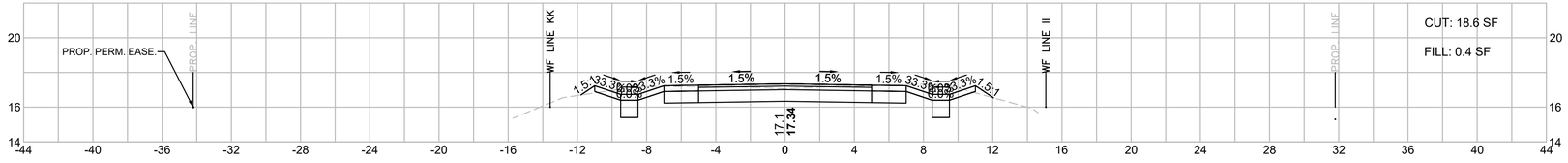
282+00

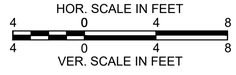


281+92



281+50





TOWN OF MARION
SHARED-USE PATH - PHASE 1

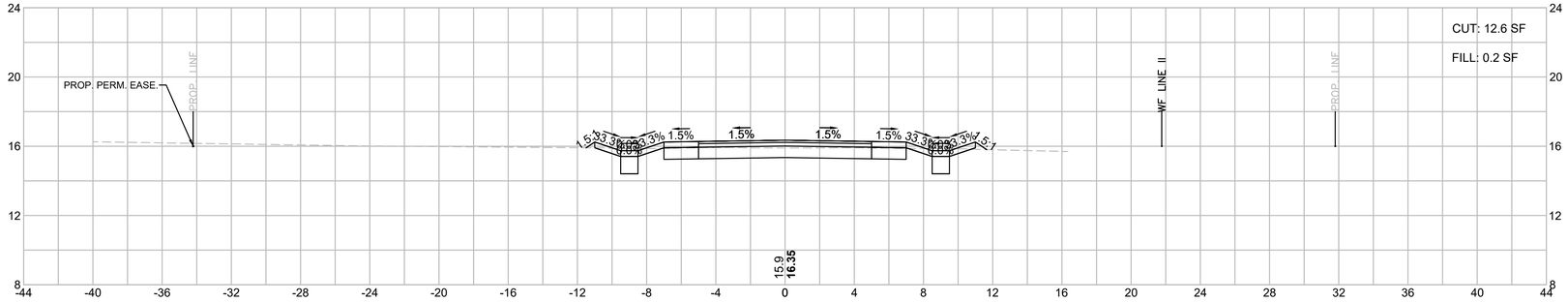
STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	263	274
PROJECT FILE NO.	607979		

CROSS SECTIONS
SHEET 140 OF 151

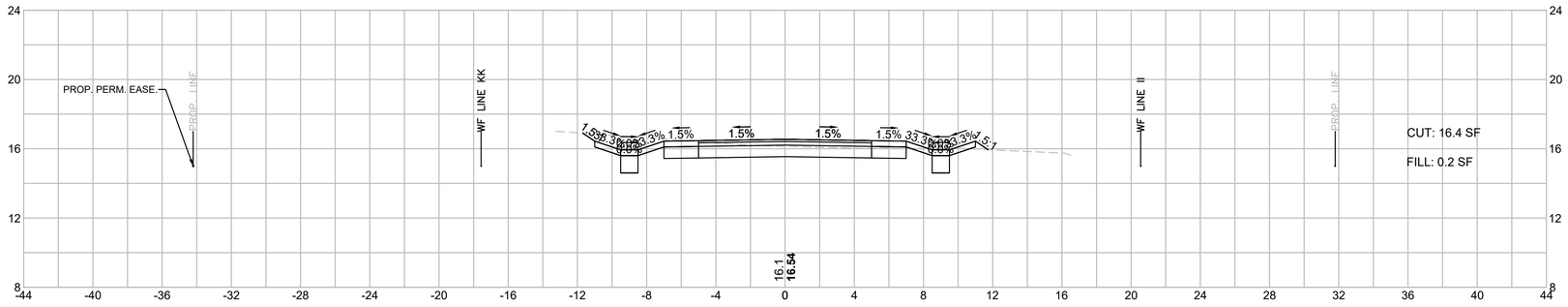
Plotted on 28-Sep-2017 3:43 PM

607979_XSECT.DWG

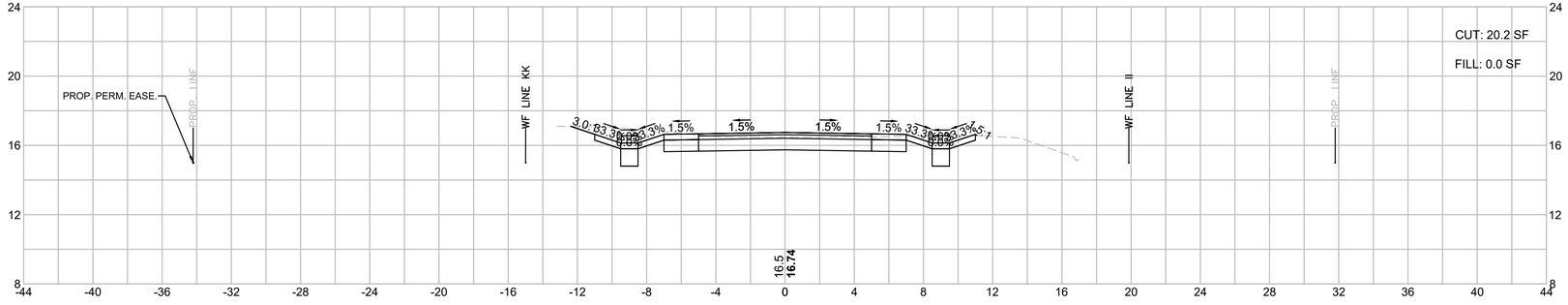
284+00



283+50



283+00



HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

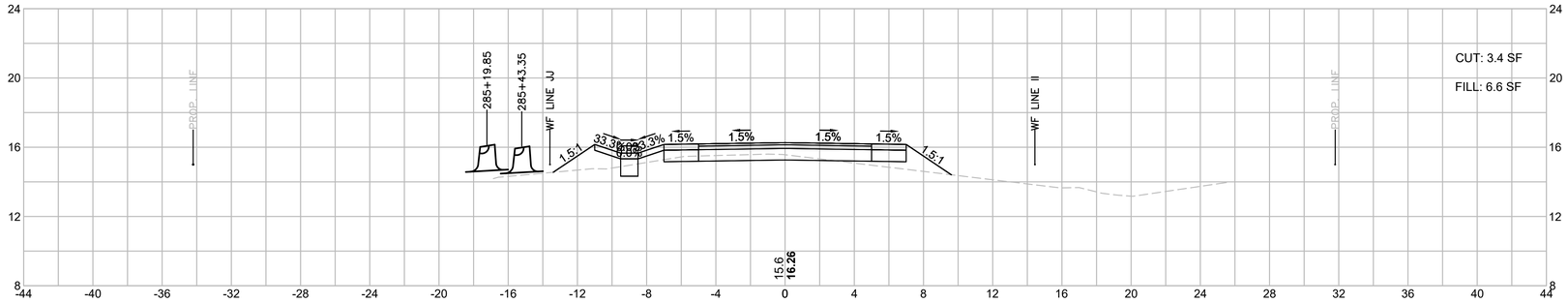
TOWN OF MARION
SHARED-USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	264	274
PROJECT FILE NO.	607979		

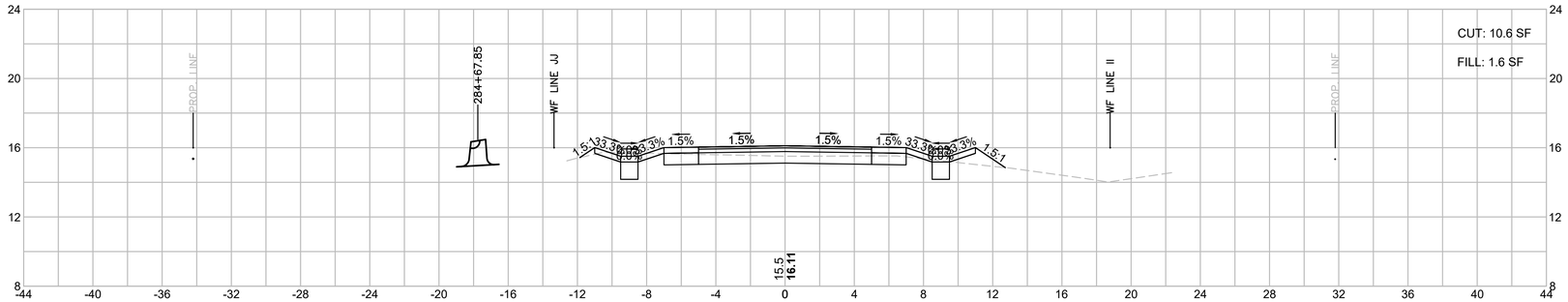
CROSS SECTIONS
SHEET 141 OF 151

607979_XSECT.DWG Plotted on 28-Sep-2017 3:43 PM

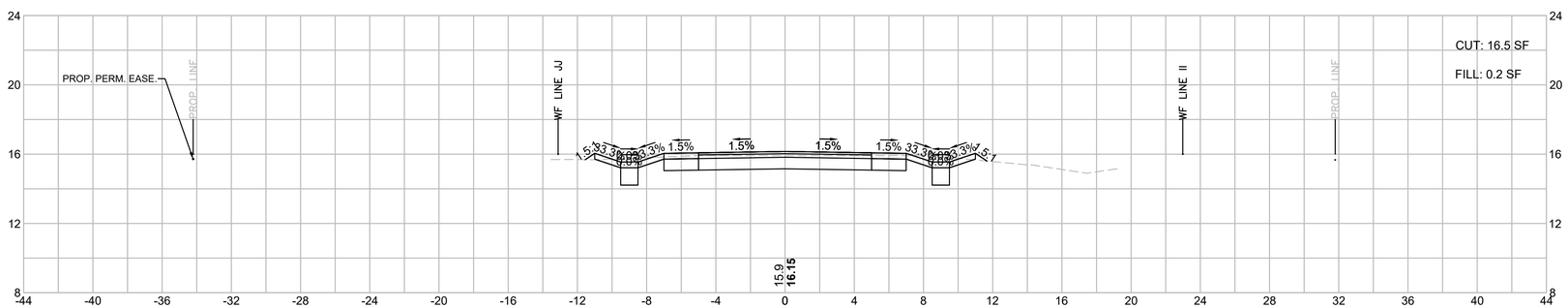
285+50



285+00

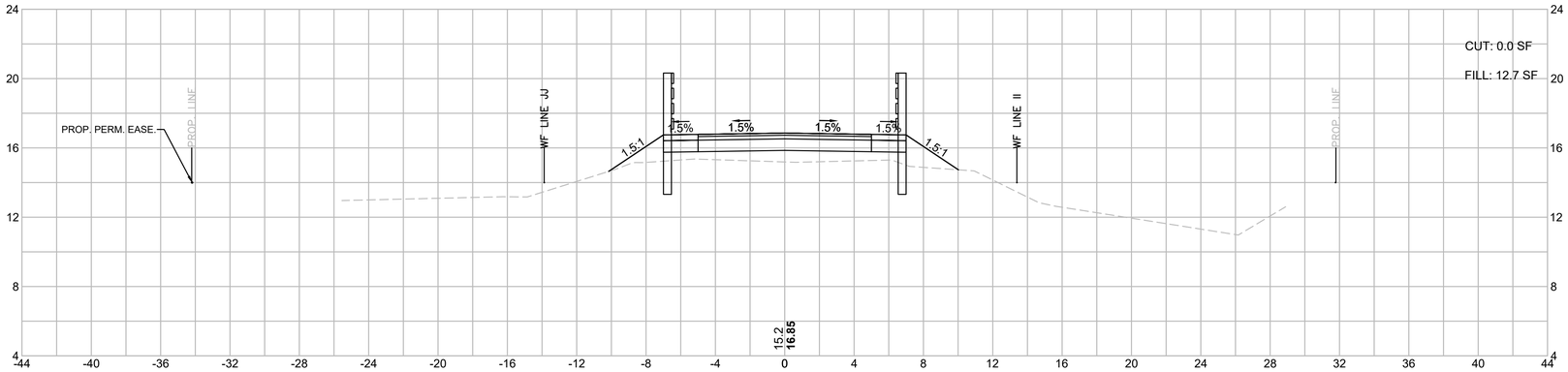


284+50

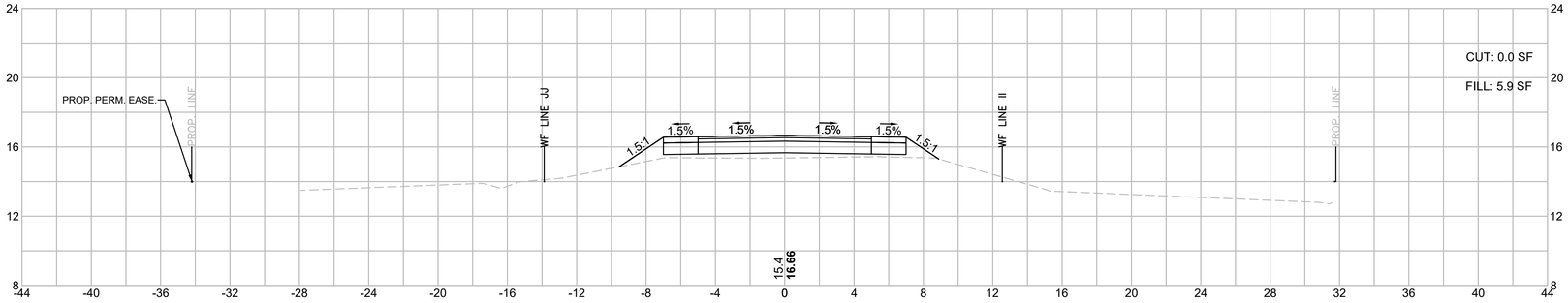


HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

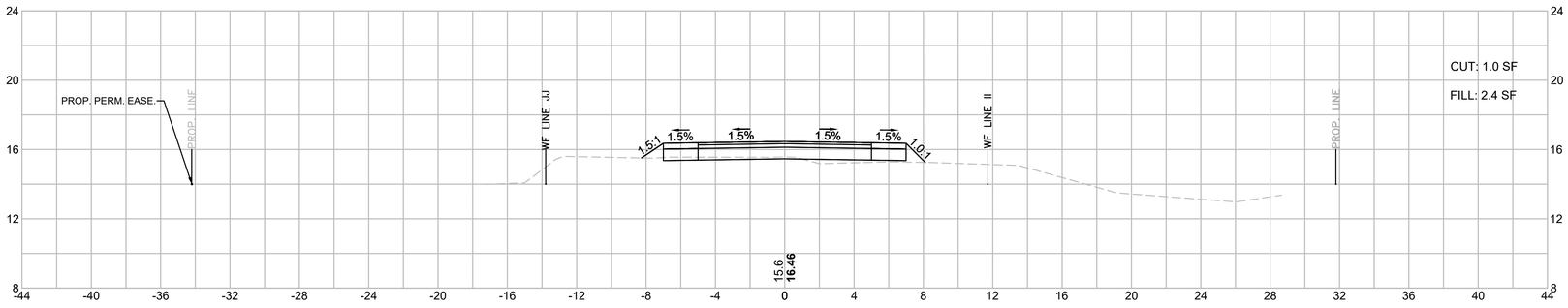
287+00



286+50



286+00



TOWN OF MARION
SHARED-USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	265	274
PROJECT FILE NO.	607979		

CROSS SECTIONS
SHEET 142 OF 151

HOR. SCALE IN FEET
4 0 4 8
VER. SCALE IN FEET
4 0 4 8

607979_XSECT.DWG Plotted on 28-Sep-2017 3:43 PM

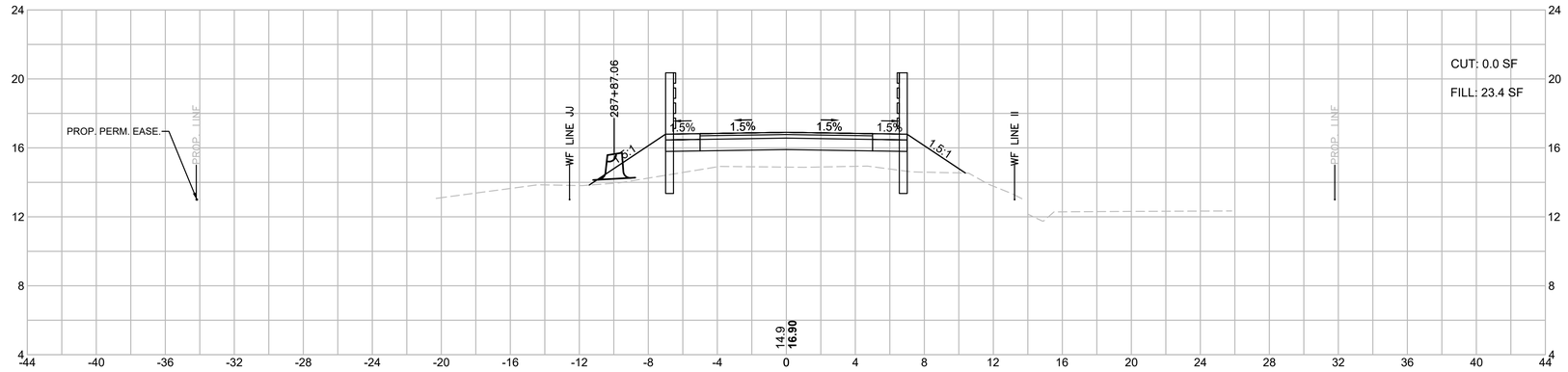
TOWN OF MARION
SHARED-USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	266	274
PROJECT FILE NO.	607979		

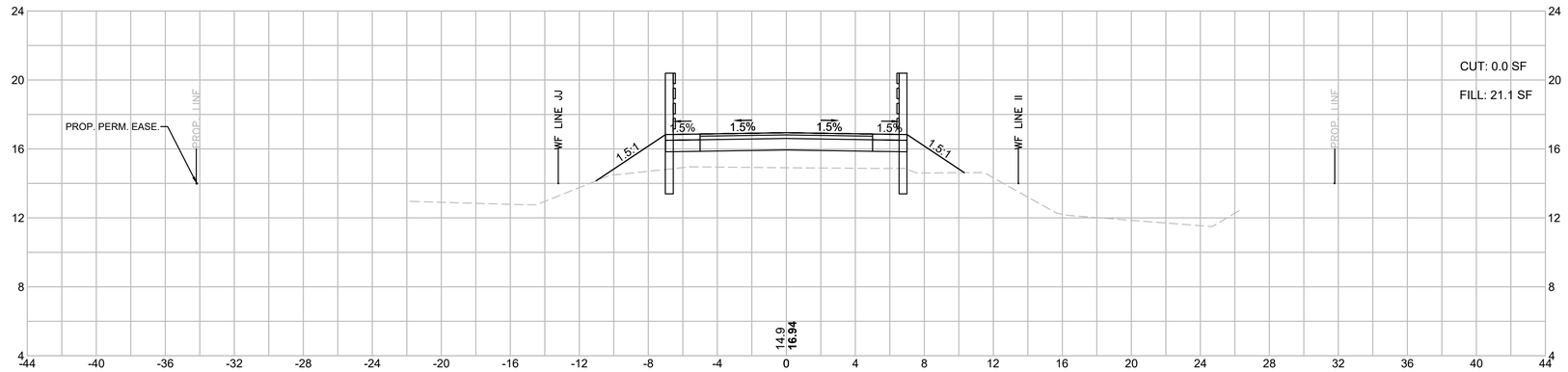
CROSS SECTIONS
SHEET 143 OF 151

607979_XSECT.DWG Plotted on 28-Sep-2017 3:43 PM

288+00



287+50



HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

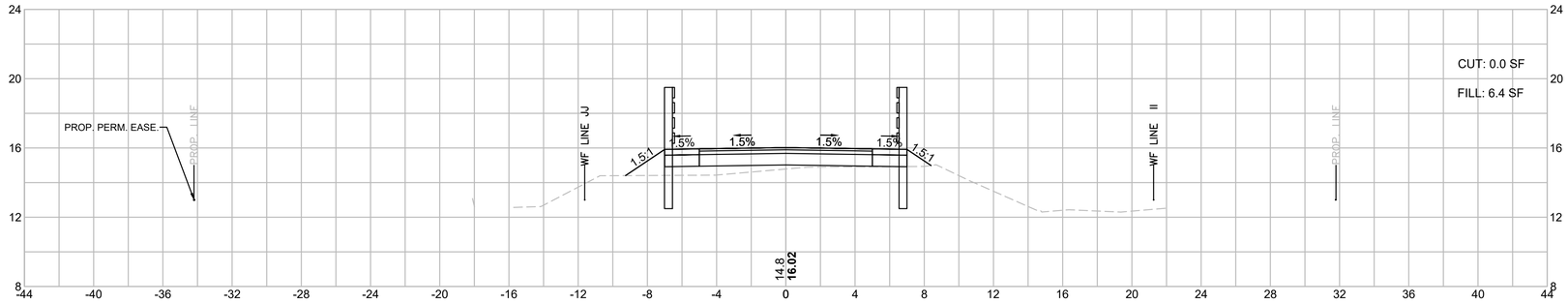
TOWN OF MARION
SHARED-USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	267	274
PROJECT FILE NO.	607979		

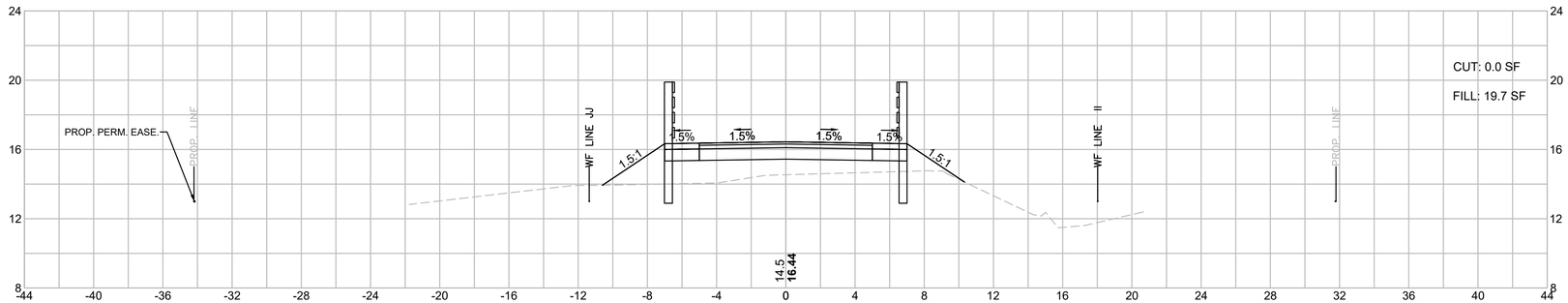
CROSS SECTIONS
SHEET 144 OF 151

607979_XSECT.DWG Plotted on 28-Sep-2017 3:43 PM

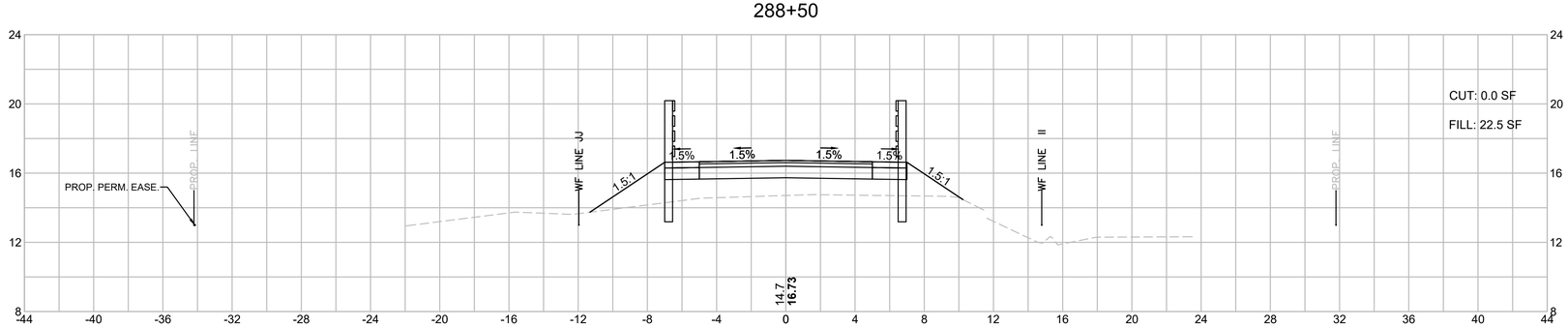
289+50



289+00



288+50



HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

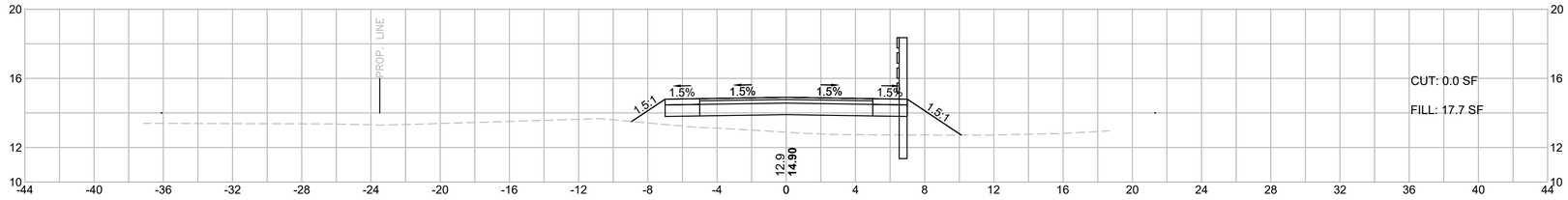
TOWN OF MARION
SHARED-USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	268	274
PROJECT FILE NO.	607979		

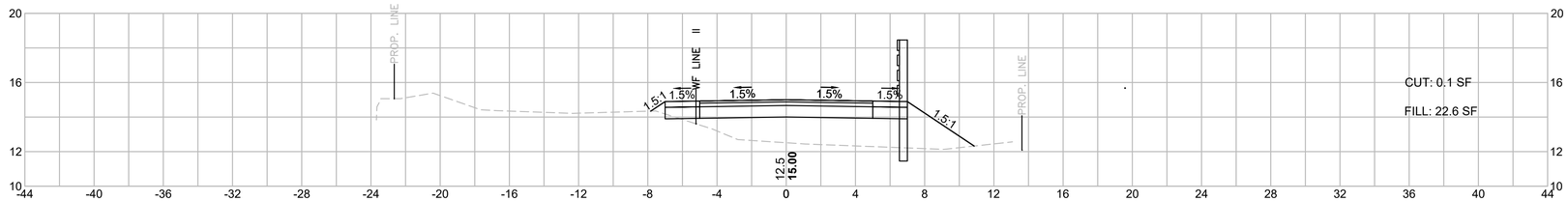
CROSS SECTIONS
SHEET 145 OF 151

607979_XSECT.DWG Plotted on 28-Sep-2017 3:43 PM

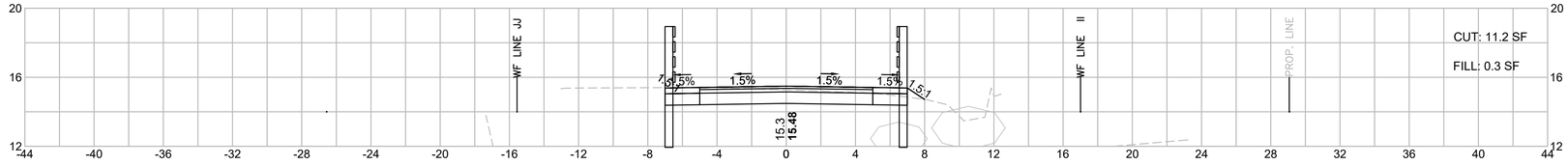
291+00



290+50



290+00



HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

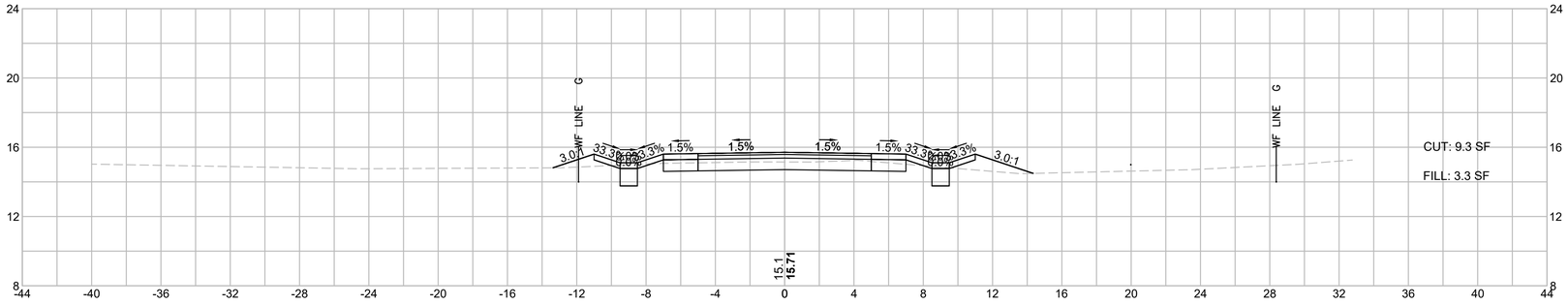
TOWN OF MARION
SHARED-USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	269	274
PROJECT FILE NO.	607979		

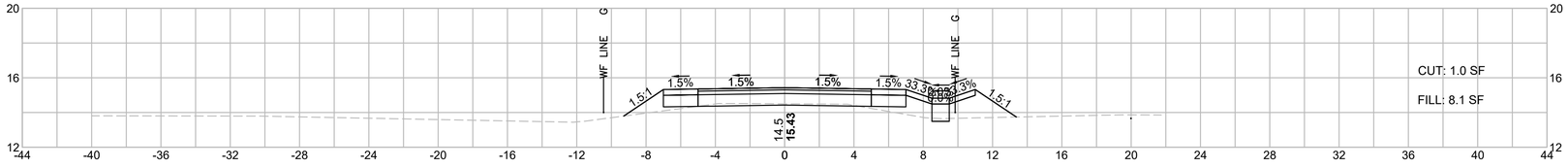
CROSS SECTIONS
SHEET 146 OF 151

607979_XSECT.DWG Plotted on 28-Sep-2017 3:43 PM

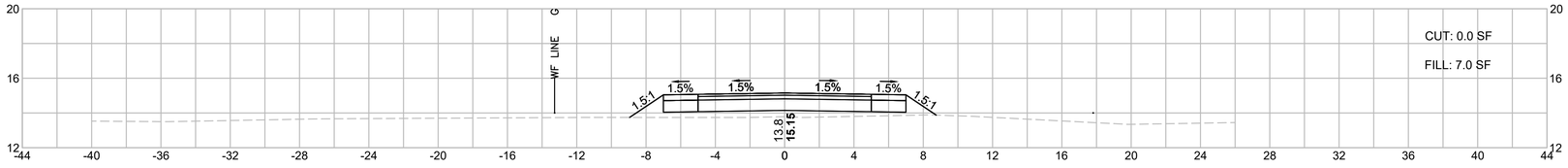
292+50



292+00



291+50



HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

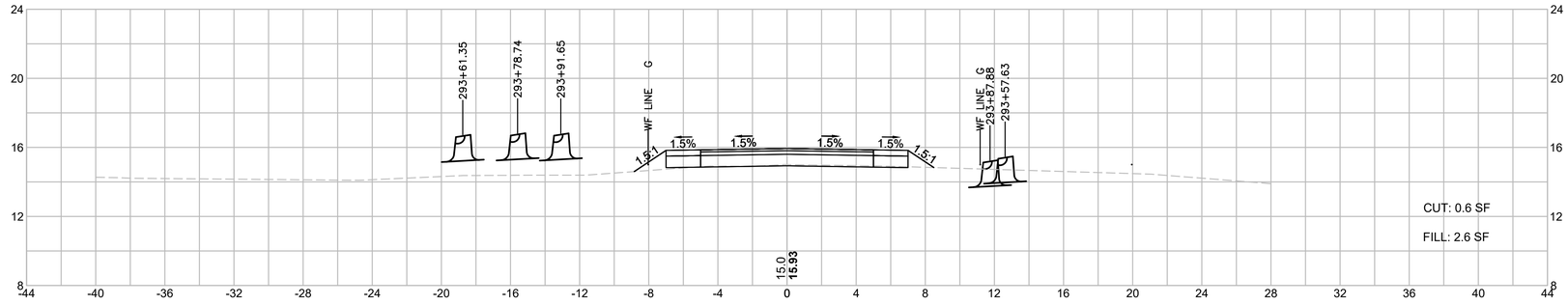
TOWN OF MARION
SHARED-USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	270	274
PROJECT FILE NO.	607979		

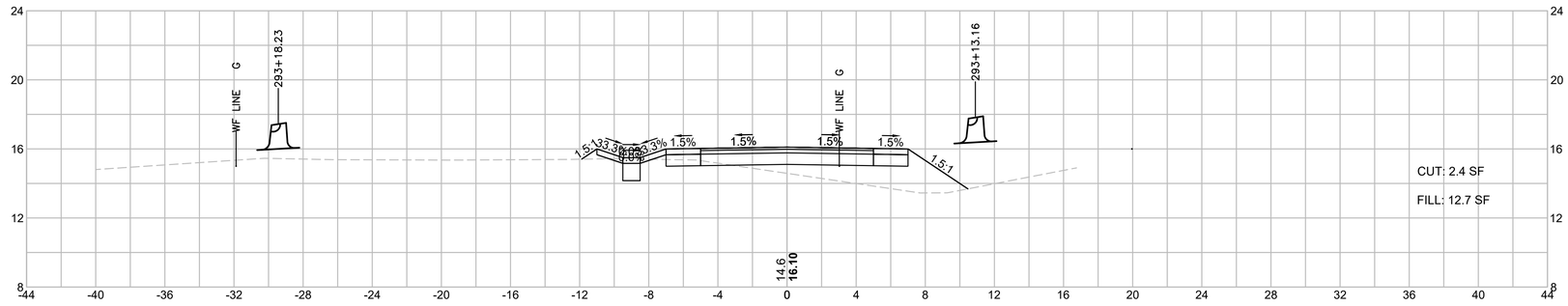
CROSS SECTIONS
SHEET 147 OF 151

607979_XSECT.DWG Plotted on 28-Sep-2017 3:43 PM

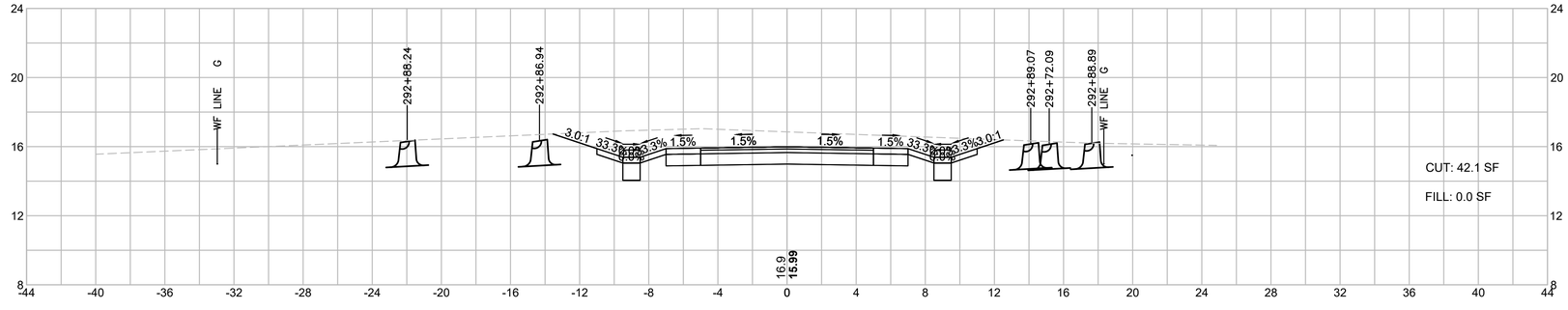
294+00



293+50



293+00



HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

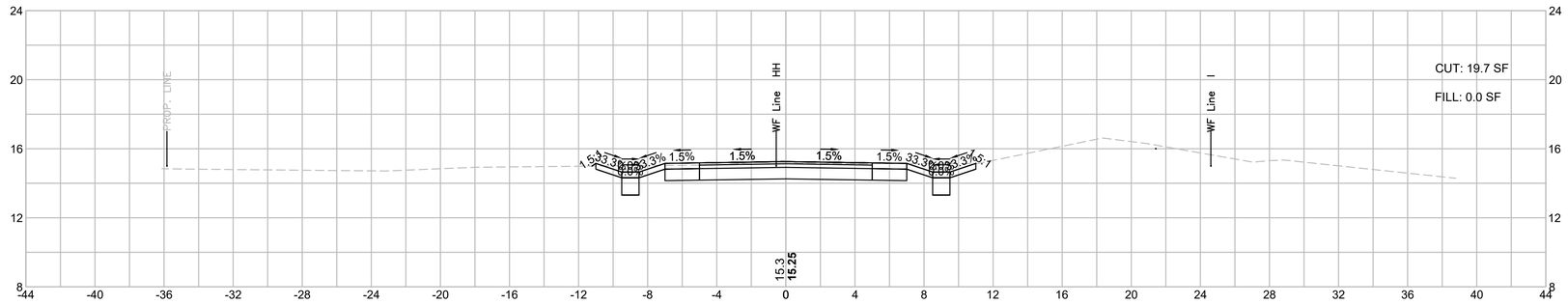
TOWN OF MARION
SHARED-USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	271	274
PROJECT FILE NO.	607979		

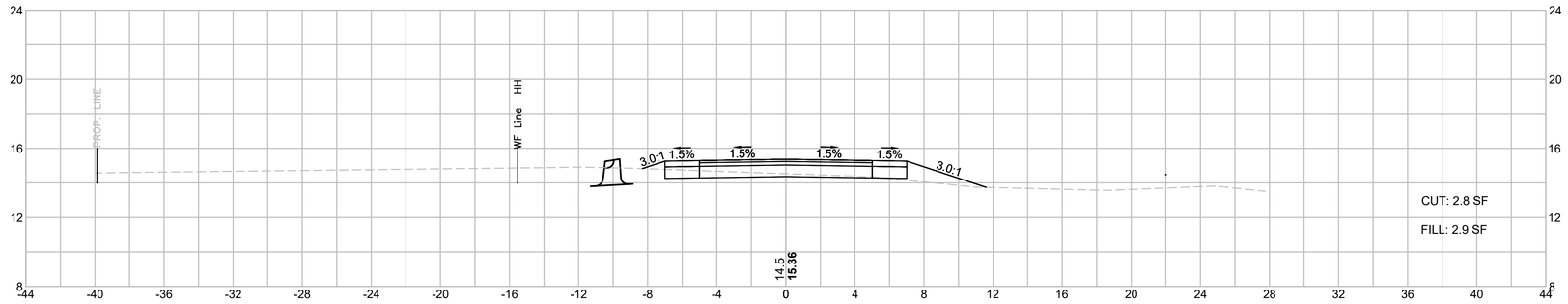
CROSS SECTIONS
SHEET 148 OF 151

607979_XSECT.DWG Plotted on 28-Sep-2017 3:43 PM

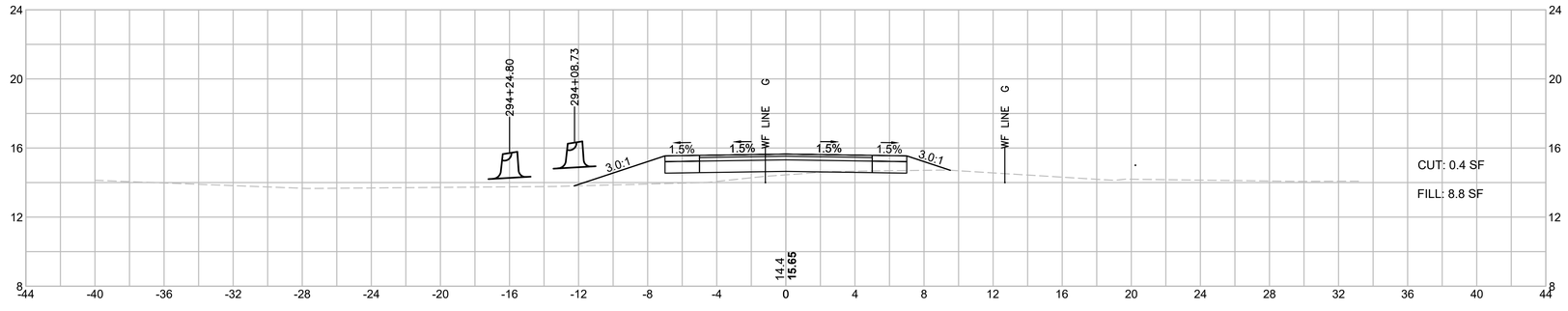
295+50



295+00



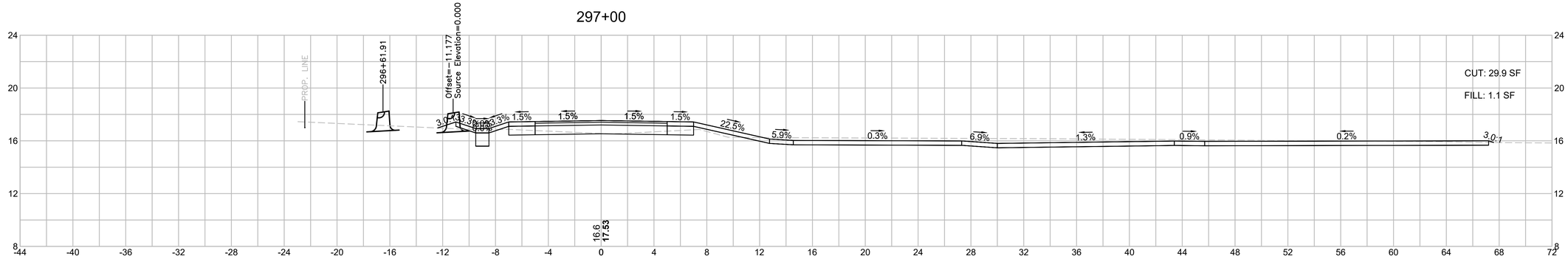
294+50



HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

607979_XSECT.DWG Plotted on 28-Sep-2017 3:43 PM

297+00

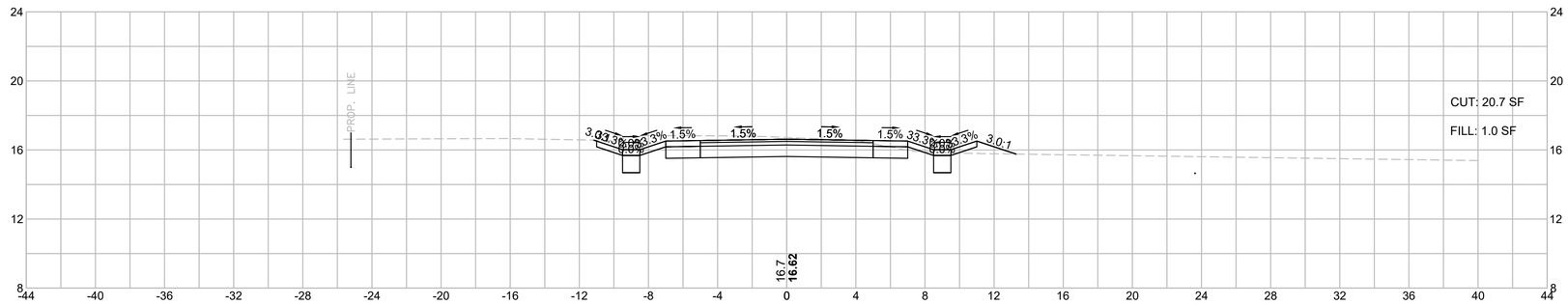


TOWN OF MARION
SHARED-USE PATH - PHASE 1

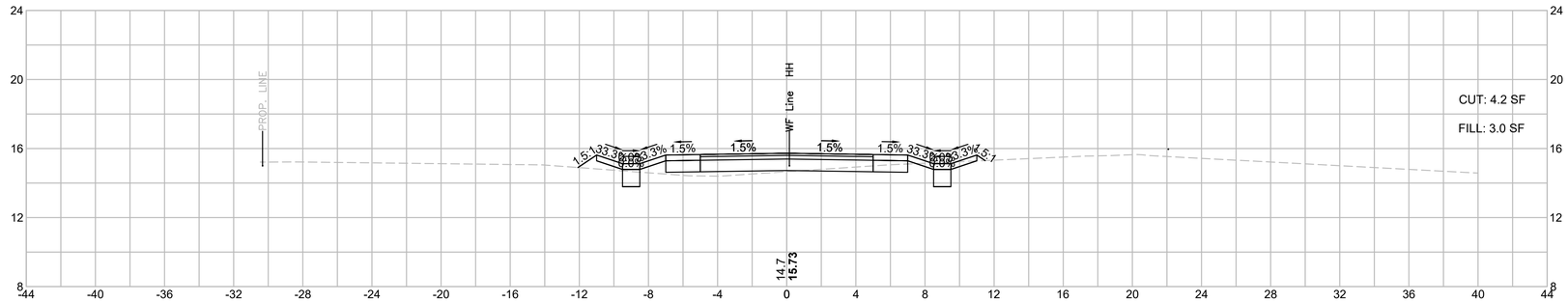
STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	272	274
PROJECT FILE NO.	607979		

CROSS SECTIONS
SHEET 149 OF 151

296+50



296+00



HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

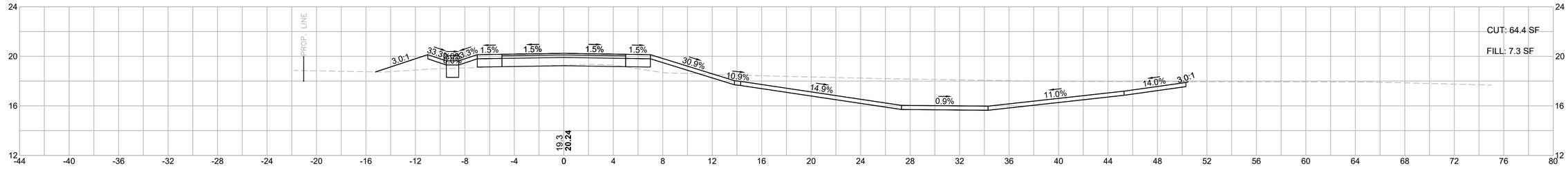
TOWN OF MARION
SHARED-USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	273	274
PROJECT FILE NO.	607979		

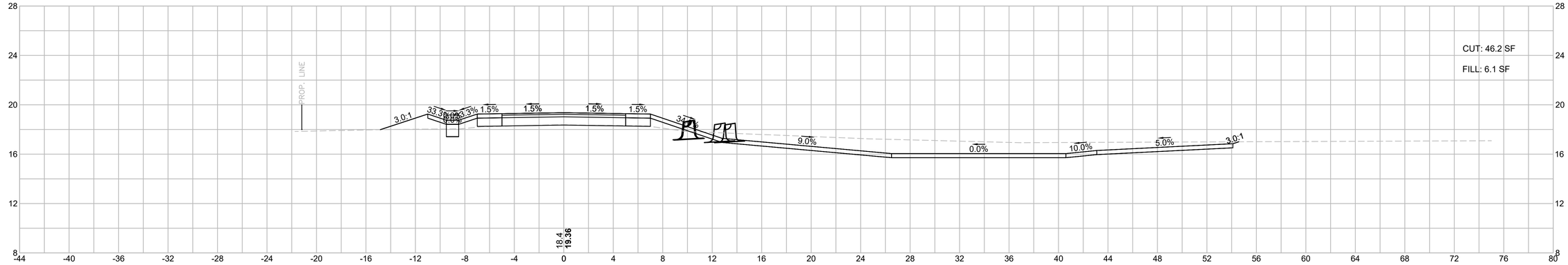
CROSS SECTIONS
SHEET 150 OF 151

607979_XSECT.DWG Plotted on 28-Sep-2017 3:43 PM

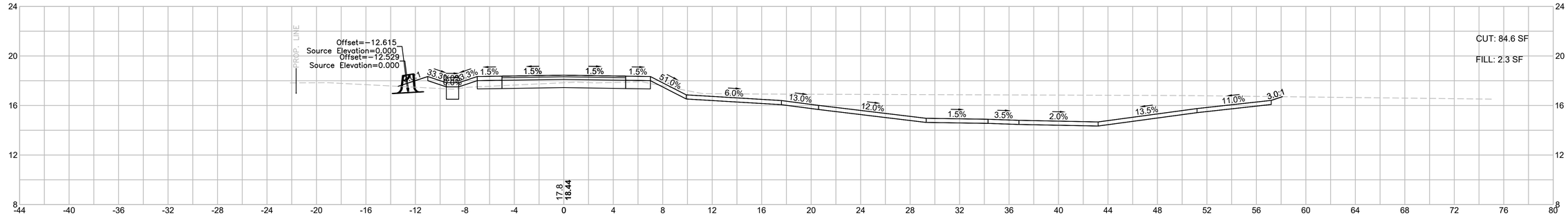
298+50



298+00



297+50



HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

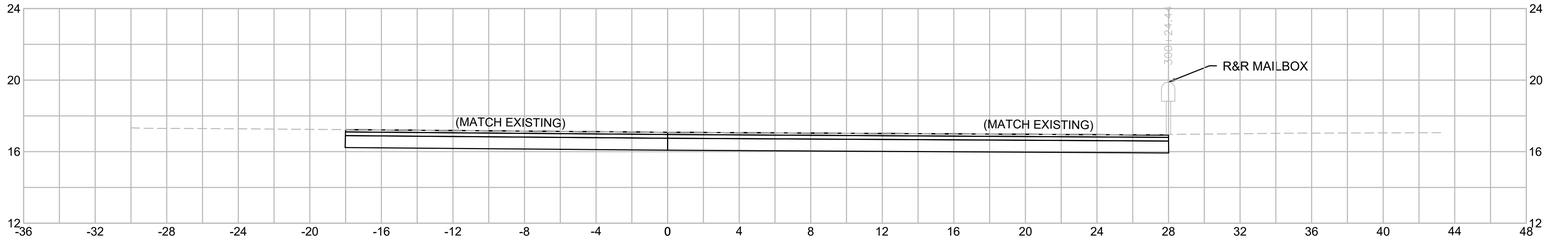
TOWN OF MARION
SHARED-USE PATH - PHASE 1

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	274	274
PROJECT FILE NO.	607979		

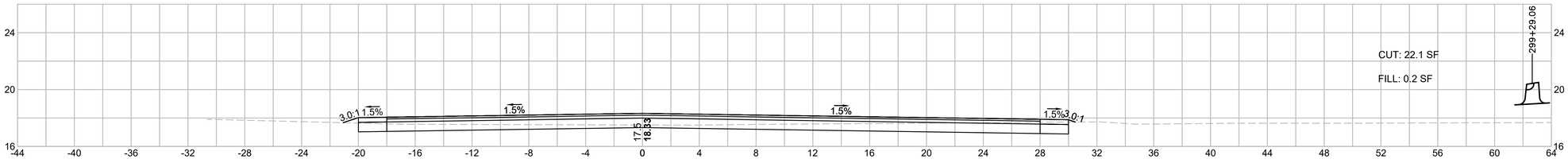
CROSS SECTIONS
SHEET 151 OF 151

607979_XSECT.DWG Plotted on 28-Sep-2017 3:43 PM

299+77.28



299+50



HOR. SCALE IN FEET
VER. SCALE IN FEET

299+00

