MASSACHUSETTS DEPARTMENT OF TRANSPORTATION HIGHWAY DIVISION

PRELIMINARY RIGHT OF WAY **TITLE SHEET & INDEX**

PLAN AND PROFILE OF

QUALITY STREET/SOUTH WILLOW STREET BRIDGE NO. A-04-038

IN THE TOWN OF

ADAMS BERKSHIRE COUNTY PRELIMINARY RIGHT OF WAY PLANS

FEDERAL AID PROJECT NO. ######

Town Adam\$ PROJECT END STA. 4+15.00 PROJECT BEGIN STA. 31+37.00 E 217162.0777 N3051116.3700 E216845.7023 STREET LOCATION A-04-038

BASE MAP NOTES

1. THE SURVEY BASE PLAN WAS PREPARED BY BSC GROUP IN MAY AND JUNE OF 2021.

INDEX

TITLE SHEET & INDEX

TYPICAL SECTIONS

CRITICAL PROFILE

LOCATION PLANS

PROPERTY PLANS

PROJECT DESCRIPTION

PARCEL SUMMARY SHEET

LEGEND, ABBREVIATIONS AND

SHEET NO. DESCRIPTION

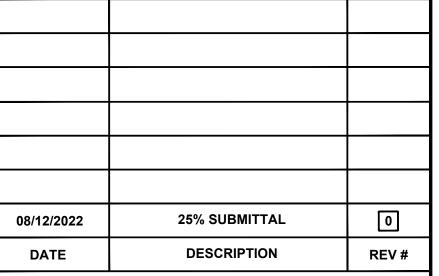
- 2. THE MOST RECENT SITE VISIT WAS COMPLETED IN JUNE, 2022 TO VERIFY THAT THE EXISTING CONDITIONS SHOWN ON THE PLAN ARE THE CURRENT CONDITIONS IN THE FIELD.
- 3. THE LAYOUT AND PROPERTY LINES SUBMITTED ON THE PLAN WERE COMPILED FROM RECORDS AS REFERENCED ON THE PLAN CERTIFIED BY SEAN EWALD, A PLS IN DIRECT CHARGE AND SUPERVISION OF THE SURVEY BASEMAP.
- 4. THE OWNERS HAVE BEEN CHECKED AND UPDATED AS OF JULY, 2022.

LENGTH OF PROJECT = 417.68 FEET = 0.079 MILES

LOCUS MAP

SCALE: 1" = 1000'

1000 2000 3000 4000





RECOMMENDED FOR APPROVAL



CHIEF ENGINEER

DATE

GENERAL	SYMBOLS	
EXISTING	PROPOSED	DESCRIPTION
□ JB	JB	JERSEY BARRIER
## ## CB	\sim	CATCH BASIN
<u> </u>	<u>⊞</u> ⊗ FP	CATCH BASIN CURB INLET FLAG POLE
G GP	G GP	GAS PUMP
□ MB	□ MB	MAIL BOX POST SQUARE
	0	POST SQUARE POST CIRCULAR
⊕ WELL	⊕ WELL	WELL
□ EHH	□ EHH O	ELECTRIC HANDHOLE FENCE GATE POST
o GG	o GG	GAS GATE
BHL #	⊕ BHL#	BORING HOLE
→ MW # ■ TP #	+ → MW # ■ TP #	MONITORING WELL TEST PIT
φ "	φ	HYDRANT
*	*	LIGHT POLE
□ CO.BD.		COUNTY BOUND GPS POINT
©	©	CABLE MANHOLE
(E)	(E)	DRAINAGE MANHOLE ELECTRIC MANHOLE
©	© ©	GAS MANHOLE
M	(M)	MISC MANHOLE
(S) (T)	(S)	SEWER MANHOLE TELEPHONE MANHOLE
W	w	WATER MANHOLE
■ MHB	■ MHB	MASSACHUSETTS HIGHWAY BOUND
□ MON □ SB		MONUMENT STONE BOUND
■ TB		TOWN OR CITY BOUND
△ ⊸ TPL or GU`	Y - ○ TPL or GUY	TRAVERSE OR TRIANGULATION STATION TROLLEY POLE OR GUY POLE
o HTP	TE OF GOT	TRANSMISSION POLE
-6- UFB	_6_ UFB	UTILITY POLE W/ FIREBOX
-∳- UPDL -&- ULT	-∲- UPDL -&- ULT	UTILITY POLE WITH DOUBLE LIGHT UTILITY POLE W / 1 LIGHT
-O- UPL	-≎- UPL	UTILITY POLE
© C17E % TVD	_	BUSH
•SIZE & TYP	L	TREE STUMP
4		SWAMP / MARSH
• WG • PM	WGPM	WATER GATE PARKING METER
		- OVERHEAD CABLE/WIRE
		= CURBING - CONTOURS (ON-THE-GROUND SURVEY DATA)
<u></u>	<u> </u>	- CONTOURS (PHOTOGRAMMETRIC DATA)
	_	- UNDERGROUND DRAIN PIPE (DOUBLE LINE 24 INCH AND OVER)
		 UNDERGROUND ELECTRIC DUCT (DOUBLE LINE 24 INCH AND OVER) UNDERGROUND GAS MAIN (DOUBLE LINE 24 INCH AND OVER)
		- UNDERGROUND SEWER MAIN (DOUBLE LINE 24 INCH AND OVER)
		 UNDERGROUND TELEPHONE DUCT (DOUBLE LINE 24 INCH AND OVER) UNDERGROUND WATER MAIN (DOUBLE LINE 24 INCH AND OVER)
00000000000		BALANCED STONE WALL
		GUARD RAIL - STEEL POSTS
I I I I		— GUARD RAIL - WOOD POSTS — GUARD RAIL - DOUBLE FACE - STEEL POSTS
B B B B	 	— GUARD RAIL - DOUBLE FACE - WOOD POSTS
x		— CHAIN LINK OR METAL FENCE — WOOD FENCE
		· HAY BALES/SILT FENCE
~~~~~~	~ ~~~~~	
		— SAWCUT LINE — TOP OR BOTTOM OF SLOPE
		- LIMIT OF EDGE OF PAVEMENT OR COLD PLANE AND OVERLAY
		BANK OF RIVER OR STREAM BORDER OF WETLAND
	_	100 FT WETLAND BUFFER
		200 FT RIVERFRONT BUFFER
		— STATE HIGHWAY LAYOUT — TOWN OR CITY LAYOUT
		— COUNTY LAYOUT
		- RAILROAD SIDELINE
	<u> </u>	TOWN OR CITY BOUNDARY LINE PROPERTY LINE OR APPROXIMATE PROPERTY LINE
		- EASEMENT

#### TRAFFIC SYMBOLS

_		
<b>EXISTING</b>	PROPOSED	DESCRIPTION
01	<b>Ø</b> 1	CONTROLLER PHASE ACTUATED
<u>0</u> 0 0	000	TRAFFIC SIGNAL HEAD (SIZE AS NOTED)
		WIRE LOOP DETECTOR (6' x 6' TYP UNLESS OTHERWISE SPECIFIED)
72	7	VIDEO DETECTION CAMERA
$\triangleright\Box$	<b>&gt;</b>	MICROWAVE DETECTOR
$\oplus$	•	PEDESTRIAN PUSH BUTTON, SIGN (DIRECTIONAL ARROW AS SHOWN) AND SADDLE
*	*	EMERGENCY PREEMPTION CONFIRMATION STROBE LIGHT
<	<b>←</b>	VEHICULAR SIGNAL HEAD
≪<	-	VEHICULAR SIGNAL HEAD, OPTICALLY PROGRAMMED
♣—	<b>─</b>	FLASHING BEACON
	□	PEDESTRIAN SIGNAL HEAD, (TYPE AS NOTED OR AS SPECIFIED)
⊠ RRSG	<b>⊠</b> RRSG	RAILROAD SIGNAL
	•	SIGNAL POST AND BASE (ALPHA-NUMERIC DESIGNATION NOTED)
oO	€ 20'	MAST ARM, SHAFT AND BASE (ARM LENGTH AS NOTED)
		HIGH MAST POLE OR TOWER
		SIGN AND POST
00	00	SIGN AND POST (2 POSTS)
	<b>★</b> ^{20'}	MAST ARM WITH LUMINAIRE
	-	OPTICAL PRE-EMPTION DETECTOR
	$\bowtie$	CONTROL CABINET, GROUND MOUNTED
		CONTROL CABINET, POLE MOUNTED
		FLASHING BEACON CONTROL AND METER PEDESTAL
	$\boxtimes$	LOAD CENTER ASSEMBLY
		PULL BOX 12"x12" (OR AS NOTED)
		ELECTRIC HANDHOLE 12"x24" (OR AS NOTED)
		TRAFFIC SIGNAL CONDUIT

#### PAVEMENT MARKINGS SYMBOLS

<b>EXISTING</b>	PROPOSED	<u>DESCRIPTION</u>
	<b>←</b> 1	PAVEMENT ARROW - WHITE
ONLY	ONLY	LEGEND "ONLY" - WHITE
	SL	STOP LINE
	cw	CROSSWALK
	SWL	SOLID WHITE LINE
	SYL	SOLID YELLOW LINE
	BWL	BROKEN WHITE LINE
	BYL	BROKEN YELLOW LINE
	<u>DWL</u>	DOTTED WHITE LINE
	<u>DYL</u>	DOTTED YELLOW LINE
	DWLEx	DOTTED WHITE LINE EXTENSION
	DYLEx	DOTTED YELLOW LINE EXTENSION
	DBWL	DOUBLE WHITE LINE
	DBYL	DOUBLE YELLOW LINE

#### PROJECT DESCRIPTION:

THE PROPOSED PROJECT CONSISTS OF THE REPLACEMENT OF THE EXISTING BRIDGE, BRIDGE NO. A-04-038 (ACD), QUALITY STREET OVER THE HOOSIC RIVER. THE SINGLE SPAN STRUCTURE WILL BE REPLACED IN ITS ENTIRETY. THE PROPOSED BRIDGE WILL BE CONSTRUCTED ON A SIMILAR ALIGNMENT AS THE EXISTING AND WILL REMAIN A SINGLE SPAN, HOWEVER, THE SPAN LENGTH WILL BE INCREASED FROM 82'-0" TO 96'-0". THE NEW SUBSTRUCTURE WILL BE LOCATED BEHIND THE EXISTING ABUTMENT FOOTINGS. A TEMPORARY UTILITY BRIDGE WILL BE CONSTRUCTED TO CARRY THE EXISTING WATER MAIN AND GAS MAIN OVER THE HOOSIC RIVER WHILE THE EXISTING BRIDGE IS BEING DEMOLISHED AND THE PROPOSED BRIDGE IS CONSTRUCTED.

THE PROPOSED BRIDGE WILL PROVIDE (2) 11'-0" TRAVEL LANES, (2) 2'-0" SHOULDERS AND (2) 1'-7 ½" SAFETY CURBS, WITH STANDARD MASSDOT S3-TL4 BRIDGE RAIL, FOR A TOTAL OUT-TO-OUT WIDTH OF 29'-3". QUALITY STREET IS CLASSIFIED AS AN URBAN LOCAL ROAD AND CURRENTLY DOES NOT CARRY A SIDEWALK. QUALITY STREET TURNS INTO SOUTH WILLOW STREET AND TERMINATES WITHIN 600' OF THE BRIDGE. A SIDEWALK IS NOT PROPOSED DUE TO THE EXTREMELY LIMITED VEHICULAR AND PEDESTRIAN TRAFFIC.

PROPOSED FULL DEPTH PAVEMENT RECONSTRUCTION WILL OCCUR ON BOTH SIDES OF THE PROPOSED BRIDGE AS WELL AS MILL/OVERLAY AT THE PROJECT LIMITS. UTILITY RELOCATIONS INCLUDE SEVERAL UTILITY POLES, AN EXISTING GAS MAIN AND EXISTING WATER MAINS.

#### **ABBREVIATIONS**

**GENERAL** 

CCM CEM CI

GG

GI GIP

GRAN

**GRAV** 

GRD

HDW

HMA

HOR

HYD

INV

LP

LT

MB

PC

PSB

**EMBANKMENT** 

**GAS GATE** 

INVERT

**GUTTER INLET** 

AADT	ANNUAL AVERAGE DAILY TRAFFIC
ABAN	ABANDON
ADJ	ADJUST
APPROX.	APPROXIMATE
A.C.	ASPHALT CONCRETE
ACCM PIPE	ASPHALT COATED CORRUGATED METAL PIPE
BIT.	BITUMINOUS
BC	BOTTOM OF CURB
BD.	BOUND
BL	BASELINE
BLDG	BUILDING

#### PRELIMINARY RIGHT OF WAY LEGEND, ABBREVIATIONS AND

**ADAMS** 

**QUALITY STREET/SOUTH WILLOW STREET** 

PROJECT DESCRIPTION

2 8

610777

FED. AID PROJ. NO.

PROJECT FILE NO.

BASELINE	ABBREVIATIONS (cont.)						
BUILDING							
BENCHMARK	<u>GENERAL</u>	=					
BY OTHERS	R	RADIUS OF CURVATURE					
BOTTOM OF SLOPE	R&D	REMOVE AND DISPOSE					
BRIDGE	RCP	REINFORCED CONCRETE PIPE					
CATCH BASIN	RD	ROAD					
CATCH BASIN WITH CURB INLET	RDWY	ROADWAY					
CEMENT CONCRETE	REM	REMOVE					
CEMENT CONCRETE MASONRY	RET	RETAIN					
CEMENT	<b>RET WALL</b>	RETAINING WALL					
CURB INLET	ROW	RIGHT OF WAY					
CAST IRON PIPE	RR	RAILROAD					
01141414144554105	DOD						

SW

CLF	CHAIN LINK FENCE	R&R	REMOVE AND RESET
CL	CENTERLINE	R&S	REMOVE AND STACK
CMP	CORRUGATED METAL PIPE	RT	RIGHT
CSP	CORRUGATED STEEL PIPE	SB	STONE BOUND
CO.	COUNTY	SHLD	SHOULDER
CONC	CONCRETE	SMH	SEWER MANHOLE
CONT	CONTINUOUS	ST	STREET
CONST	CONSTRUCTION	STA	STATION
CR GR	CROWN GRADE	SSD	STOPPING SIGHT DISTA
DHV	DESIGN HOURLY VOLUME	SHLO	STATE HIGHWAY LAYO

DI DROP INLET DIA DIAMETER TAN **TANGENT** DUCTILE IRON PIPE DIP TEMP TEMPORARY DW STEADY DON'T WALK - PORTLAND ORANGE TOP OF CURB DWY DRIVEWAY TOS TOP OF SLOPE ELEV (or EL.) ELEVATION

EOP **EDGE OF PAVEMENT** VAR **VARIES** EXIST (or EX) EXISTING **VERT** VERTICAL EXC **EXCAVATION** VERTICAL CURVE FRAME AND COVER WHEEL CHAIR RAMP FRAME AND GRATE WG WATER GATE FDN. **FOUNDATION** WIP WROUGHT IRON PIPE FLDSTN **FIELDSTONE** WATER METER/WATER MAIN WM GAR GARAGE X-SECT **CROSS SECTION** GD GROUND

**GALVANIZED IRON PIPE** GRANITE **GRAVEL** 

#### GUARD HEADWALL CABINET HOT MIX ASPHALT **CCVE** CLOSED CIRCUIT VIDEO EQUIPMENT HORIZONTAL DW STEADY UPRAISED HAND **FDW HYDRANT**

FR

FRL FLASHING RED LEFT ARROW JCT JUNCTION FRR LENGTH OF CURVE FY **LEACH BASIN** FYL LIGHT POLE FYR LEFT MAX MAXIMUM GL MAILBOX GR MANHOLE GSL MHB MASSACHUSETTS HIGHWAY BOUND **GSR** MIN MINIMUM GV NIC NOT IN CONTRACT OL OVERLAP NO. NUMBER PED PEDESTRIAN POINT OF CURVATURE PAN, TILT, ZOOM PTZ PCC POINT OF COMPOUND CURVATURE P.G.L. PROFILE GRADE LINE STEADY RED LEFT ARROW

PΙ POINT OF INTERSECTION RR POC POINT ON CURVE TR SIG POT POINT ON TANGENT TSC PRC POINT OF REVERSE CURVATURE PROJ PROJECT PROP PROPOSED

PT POINT OF TANGENCY PVC POINT OF VERTICAL CURVATURE PVI POINT OF VERTICAL INTERSECTION PVT POINT OF VERTICAL TANGENCY

PLANTABLE SOIL BORROW

**PVMT** PAVEMENT PWW PAVED WATER WAY

DISTANCE / LAYOUT LINE

SIDEWALK TANGENT DISTANCE OF CURVE/TRUCK %

TYP **TYPICAL** UTILITY POLE

TRAFFIC SIGNAL ABBREVIATIONS

FLASHING UPRAISED HAND FLASHING CIRCULAR RED

FLASHING RED RIGHT ARROW FLASHING CIRCULAR YELLOW FLASHING YELLOW LEFT ARROW FLASHING YELLOW RIGHT ARROW STEADY CIRCULAR GREEN

STEADY GREEN LEFT ARROW STEADY GREEN RIGHT ARROW STEADY GREEN SLASH LEFT ARROW STEADY GREEN SLASH RIGHT ARROW

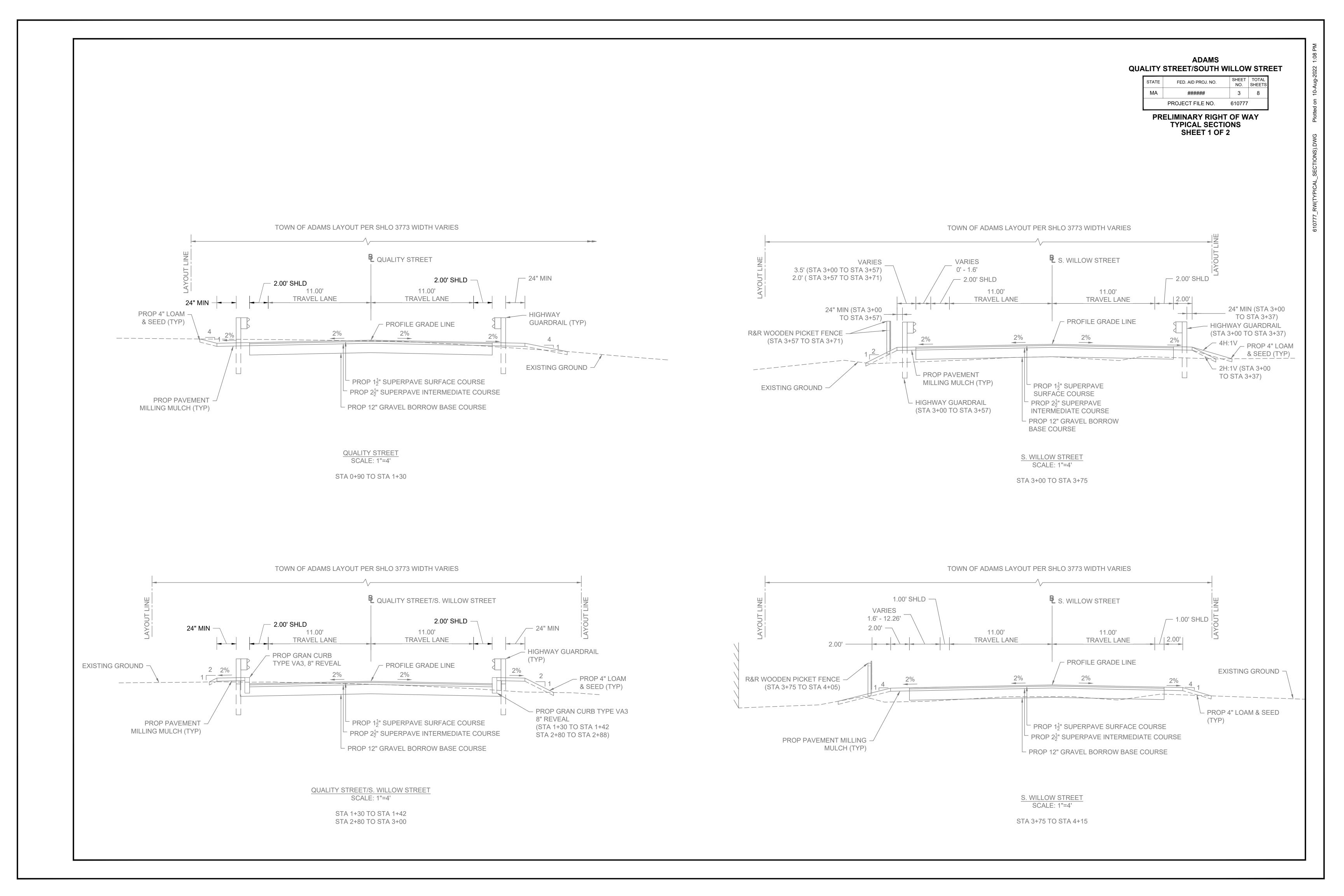
STEADY GREEN VERTICAL ARROW

STEADY CIRCULAR RED

STEADY RED RIGHT ARROW TRAFFIC SIGNAL TRAFFIC SIGNAL CONDUIT

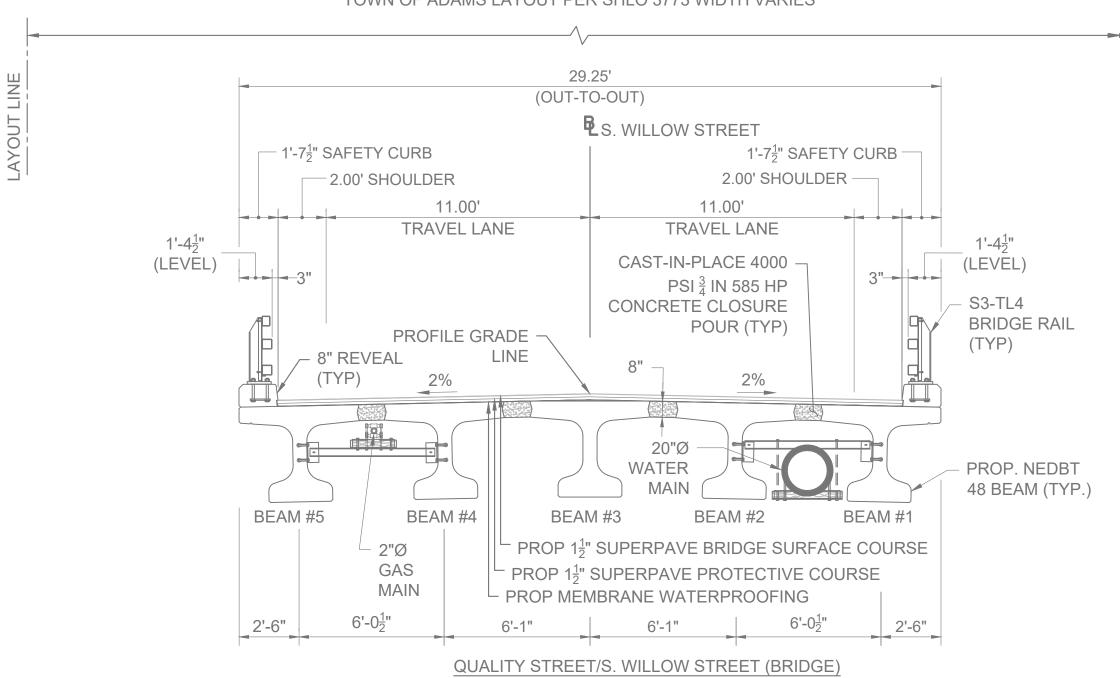
STEADY WALKING PERSON STEADY CIRCULAR YELLOW

STEADY YELLOW LEFT ARROW



PRELIMINARY RIGHT OF WAY TYPICAL SECTIONS SHEET 2 OF 2

TOWN OF ADAMS LAYOUT PER SHLO 3773 WIDTH VARIES



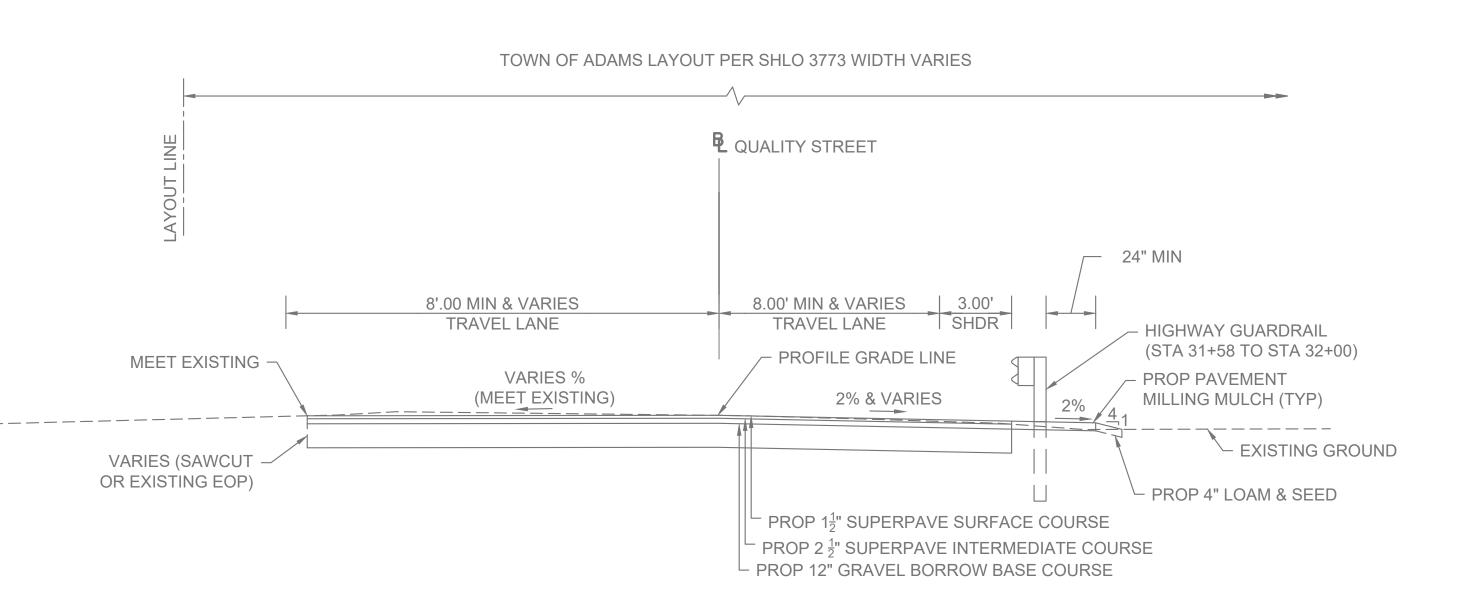
STA 1+42 TO STA 2+80

SCALE: 1"=4'

LAYOUT WIDTH VARIES L TEMPORARY ROAD 2.00' — 9.00' 9.00' TRAVEL LANE HMA TRAVEL LANE SIDEWALK / HMA CURB TYPE-3 PROFILE GRADE LINE 6" REVEAL 3 2% 1.5% EXISTING GROUND 2% 2% PROP 4" LOAM & SEED (TYP) → L PROP 1¹/₂" SUPERPAVE SURFACE COURSE PROP 2 ½" SUPERPAVE INTERMEDIATE COURSE PROP 8" GRAVEL BORROW -PROP 12" GRAVEL BORROW BASE COURSE

TEMPORARY ROAD SCALE: 1"=4'

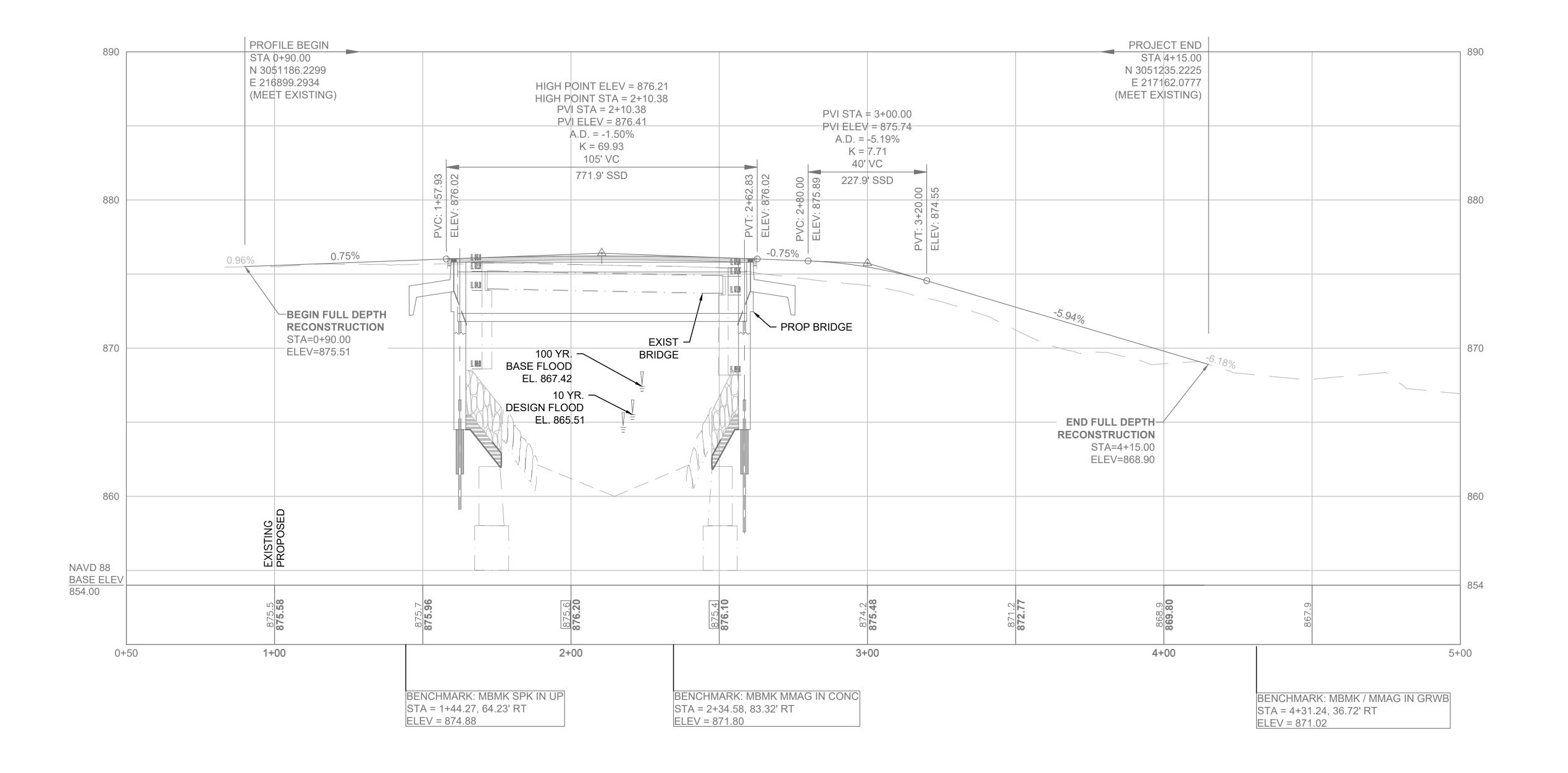
STA 10+12 TO STA 12+10



QUALITY STREET/PINNACLE DRIVE SCALE: 1"=4'

STA 31+37 TO STA 32+48

## PR-QUALITY ST & SOUTH WILLOW ST



PROJECT TOTALS											
AFFECTED PROPERTIES	FEE TAKINGS	PERMANENT EASEMENTS	TEMPORARY EASEMENTS								
6	0	5	9								

ADAMS
UALITY STREET/SOUTH WILLOW STREET

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	######	6	8
	PROJECT FILE NO.	610777	

PRELIMINARY RIGHT OF WAY PARCEL SUMMARY SHEET

PARCEL PLAN		TITLE REFERENCE				AREA (S.F. +/-)						FRONTAGE	E		LAND					
PARCEL NO.	PARCEL   CHEET   TITLEHOLDED	SHEET	TITLEHOLDER	TITLEHOLDER	TITLEHOLDER	DEED	PAGE	LCC	CERT	TA	KEN	EASE	MENT	TOTAL	REMAINING	PROPERTY AREA	ON ROW PLAN	PROPERTY ADDRESS	REMARKS	RESTRICTION FROM THE
	NO.		воок	NO.	NO.	NO.	CITY	STATE	TYPE	AREA	TAKEN	TALIWA MATERIAL	(S.F.)	(FT.)			DEED			
X-GR-1	7,8	JAMES T. GANCARZ	896	611					PERM.	158			26,462	187	0 QUALITY STREET	GUARD RAIL				
X-PUE-1	7,8	JAMES T. GANCARZ	896	611					PERM.	1589						UTILITY				
X-WM-1	7,8	JAMES T. GANCARZ	896	611					PERM.	75						WATER MAIN				
X-TE-1	7,8	JAMES T. GANCARZ	896	611					TEMP.	477						GRADING (MAX 3:1), DRIVEWAY RECONSTRUCTION, LOAM & SEED				
X-TE-2	7,8	JAMES T. GANCARZ	896	611					TEMP.	1544						TEMPORARY UTILITIES				
X-PUE-2	7,8	OWNER UNKNOWN							PERM.	350			4,423	39		UTILITY				
X-TE-3	7,8	OWNER UNKNOWN							TEMP.	632						TEMPORARY UTILITIES				
X-PUE-3	7, 8	MATTHEW J. OPAROWSKI	1221	883					PERM.	668			8,258	163	2 SOUTH WILLOW STREET	UTILITY				
X-TE-4	7, 8	MATTHEW J. OPAROWSKI	1221	883					TEMP.	992						TEMPORARY UTILITIES				
X-TE-5	7, 8	ALBERT J. SAWYER	727	444					TEMP.	466				147	SOUTH WILLOW STREET	GRADING (MAX 3:1), LOAM & SEED				
X-TR-1	7, 8	ALBERT J. SAWYER	727	444					TEMP.	1176						TEMPORARY ROAD				
X-TR-3	7, 8	AMY E. CARY	1629	1001					TEMP.	3032				301	41 GROVE STREET	TEMPORARY ROAD				

### TEMPORARY OCCUPANCY AREAS TO BE OBTAINED THROUGH ITS DCR CONSTRUCTION ACCESS PERMIT

PARCEL PLAN		TITLE REFERENCE				AREA (S.F. +/-)					TOTAL FRONTAGE				LAND			
PARCEL NO.	SHEET	TITLEHOLDER	DEED	DEED	PAGE	LCC	CERT	TAF	KEN	EASEMENT		TOTAL			ON ROW PLAN	PROPERTY ADDRESS	REMARK >	RESTRICTION FROM THE
	NO.	ВООК	NO.	NO.	NO.	CITY	STATE	TYPE	AREA	TAKEN	(S.F.)	(S.F.)	(S.F.) (FT.)			DEED		
"A"	7, 8	COMMONWEALTH OF MASSACHUSETTS ACTING BY AND THROUGH ITS DEPARTMENT OF CONSERVATION AND RECREATION	860	1194					TEMP.	838						GRADING (MAX 3:1), LOAM & SEED	DCR	
"B"	7, 8	COMMONWEALTH OF MASSACHUSETTS ACTING BY AND THROUGH ITS DEPARTMENT OF CONSERVATION AND RECREATION	860	1194					TEMP.	2252						TEMPORARY ROAD	DCR	

