

MONTAGUE SELECTBOARD MEETING

VIA ZOOM

Monday, January 12, 2026

AGENDA

Join Zoom Meeting: <https://us02web.zoom.us/j/83253206555>

Meeting ID: 832 5320 6555 Password: 555911 Dial into meeting: [+1 646 558 8656](tel:+16465588656)

Topics may start earlier than specified, unless there is a hearing scheduled

Meeting Being Taped

Votes May Be Taken

1. 6:00PM Selectboard Chair opens the meeting, including announcing that the meeting is being recorded and roll call taken
2. 6:00 Approve Minutes: Selectboard Meeting: January 5, 2026, if available
3. 6:00 **Public Comment Period:** Individuals will be limited to two (2) minutes each and the Selectboard will strictly adhere to time allotted for public comment
4. 6:32 **Chelsey Little, Sewer Commission**
 - Abatement request for 17 Hillside Avenue, Turners Falls
 - Mechanic position request update
 - Screw Pump project update
 - Permit summary for November and December 2025
5. 6:45 Montague Center Complete Streets Public Information Session
6. 7:10 **Town Administrator's Business**
 - Fiscal Year 2027 Budget Development updates
 - FRCOG request for 2026 District Local Technical Assistance
 - Receipt of Letter of Intent from Montague Community Cable Inc. To continue providing PEG Cable Services. Current agreement expires June 30, 2026.
- 7.7:20 Executive session in accordance with G.L. c.30A, §21(a)(3) to discuss strategy with respect to collective bargaining relating to National Association of Government Employees (NAGE) locals if an open meeting may have a detrimental effect on the bargaining position of the public body and the chair so declares

Next Meeting

Selectboard Meeting: Tuesday, January 20, 2026 at 6:30pm via ZOOM – Tentative
Selectboard Meeting: Monday, January 26, 2026 at 6:30pm via ZOOM

Sewer Abatement

#	Location	Reason for Request (per the resident)	Superintendent Recommendation	Updated Info (for Treasurer)	Notes (\$18.50/1000gallons)
1	17 Hillside Ave Turners Falls	Abandoned Property, water line shut off in 2020. Confirmed w/ water dept. Housing Authority purchasing	ABATE \$684.31		3 year abatement for 2nd half FY23, FY24, FY25, 1st half FY26

Property sales - not abated, it is the responsibility of the seller/buyer to obtain utility information and determine an equitable solution with respect to payment obligations to the Town prior to closing.

Toilet leaks - not abated, water that goes through plumbing devices and reaches the sewer is billed because it is conveyed by the sanitary sewer and treated at the CWF

CWF STAFFING REQUEST UPDATE

Mechanic

PUMP STATION CHECK VALVE REHAB

Old discharge



Refurbished



- Rehab of 4 check valves for pump stations.
- Cost to replace with new:
~\$33,000/each=\$132,000
- CWF Labor=40hrs each,
cost to rehab in-house
~\$500/each

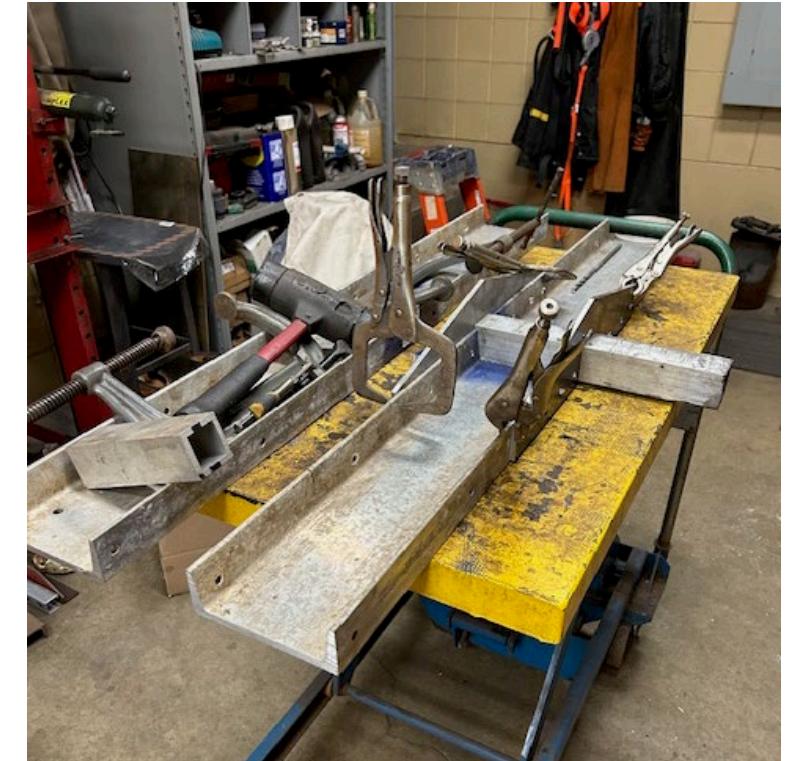
HOSE AND PUMP TRAILER

- A trailer that used to be a sign board trailer converted to a pump and hose trailer by our Lead Mechanic. This was completed while other projects were occurring at the time with this project occasionally taking a pause while more critical projects came into the shop.
- Outside Cost: ~\$10,000-\$12,000



AERATION TANK SLIDE GATES

- After 45 years in service, the 8 aeration slide gates are in need of replacement. A project that can be done in-house by our Lead Mechanic; however, this project takes frequent pauses while other critical repairs and rebuilds come into the shop.
- Outside Cost: ~\$25,000-\$50,000 (via third party fabrication, not on-the-shelf available)



PLANT DEHUMIDIFIER



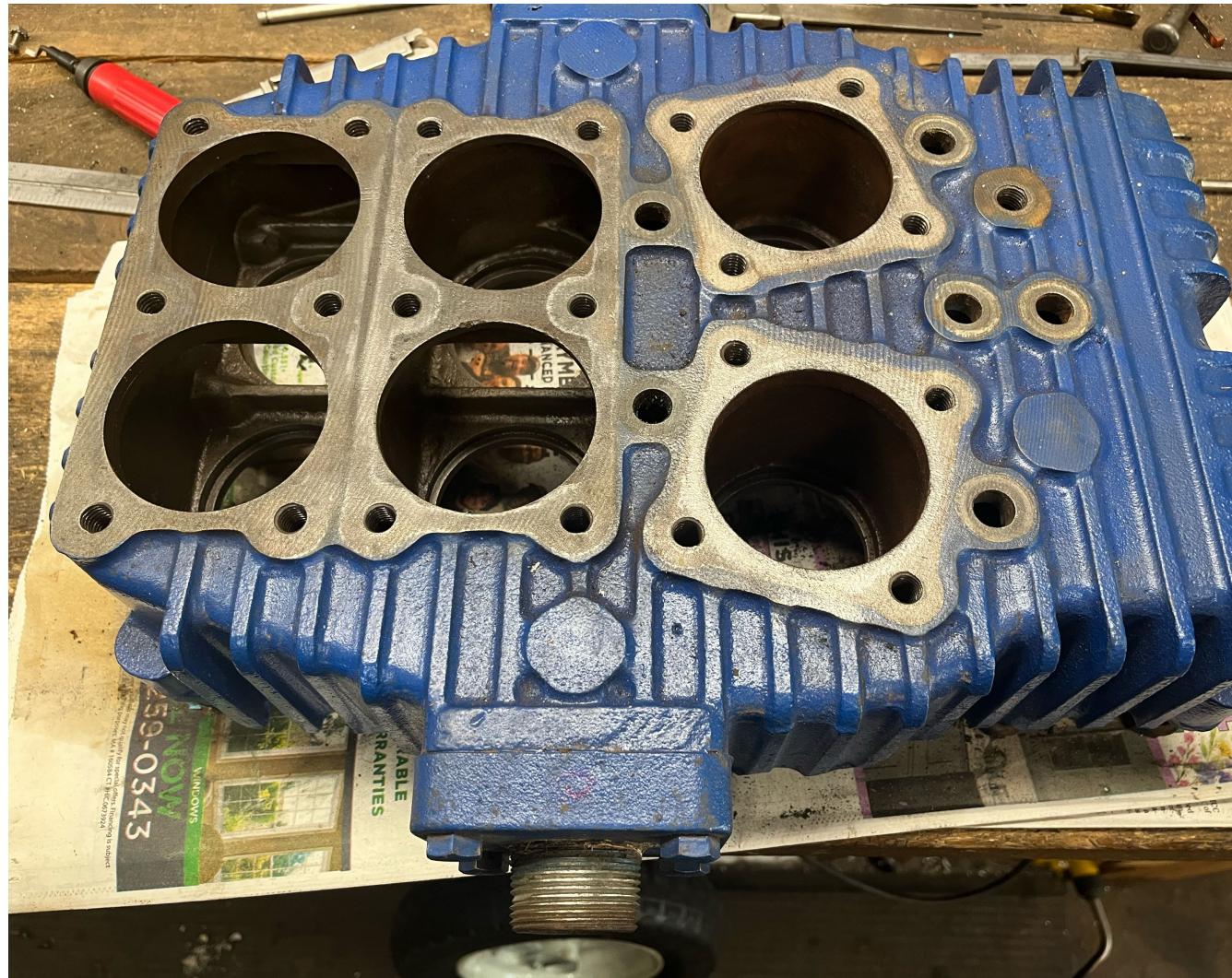
- Another piece of 45 year old equipment that was internally rebuilt by our Lead Mechanic and a Wastewater Tech.
- Inside is a basket of desiccant that gets dried as it turns as air is circulated through the machine.
- This unit required a complete internal rebuild as it had been abandoned in place 10+ years ago.
- Outside Cost: ~\$75,000-\$100,000???

(All HVAC vendors refused to touch project.)



CHLORINE CONTACT TANK VALVE

- A valve stem and handle assembly that needed a complete emergency rebuild.
- This issue was discovered when a tank that we frequently drain and clean would not open. Requiring us to pump it down with our bypass pump.
- This project took priority due to the importance of the tank, causing all other projects in the shop to come to a halt.
- Outside Cost: \$7,000-\$10,000



PUMP STATION COMPRESSOR REHAB

- In-house rebuilding of 8 compressors for the 4 ejector pot stations.
- Outside Cost: @\$7,500 each= \$60,0000

CONCLUSION

- While we have had a great Lead Mechanic, we only have the one person. We have been able to complete many projects in house with total savings in the hundreds of thousands of dollars (with one check valve rebuild saving over \$130,000 alone). With that said, while emergency projects come into the shop, other projects get put on hold.
- With a Mechanic operating under our Lead Mechanic, projects in the shop do not have to come to a complete stop. Pumps can be torn down and prepped for rebuild, field issues can be addressed by the mechanic so the Lead can continue with what they're working on, and down time is drastically reduced.

Permit Summary November 2025

Parameter	Permit Required Limitation	Result
Flow	1.83 MGD (Average Monthly)	0.525
BOD mg/L	30 mg/L (Average Monthly Max)	16.4
BOD % Removal	>/= 85.0% (Average Monthly)	93.5%
TSS mg/L	30 mg/L (Average Monthly Max)	11.4
TSS % Removal	>/= 85.0% (Average Monthly)	96.2%
pH Low	6.0 SU (Daily)	7.16
pH High	8.3 SU (Daily)	7.82
<i>E. coli</i> (Daily)	409.0 MPN (Daily Max)	N/A
<i>E. coli</i> (Rolling)	126.0 MPN (Geomean Average)	N/A
Total Chlorine	1.0 mg/L (Daily Max)	N/A
Total Nitrogen	153 lbs/day (Average Monthly Max)	12.1

MGD=Millions of Gallons per Day (standard water/wastewater flow measurement)

BOD=Biochemical Oxygen Demand

TSS= Total Suspended Solids

pH= potential hydrogen (acid/base scale)

SU= Standard Units

mg/L= milligram per liter

MPN= Most Probable Number

lbs=unit of measure for loading calculations

*Note: Summary subject to change pending final data review and submittal to EPA/DEP

Permit Summary December 2025

Parameter	Permit Required Limitation	Result
Flow	1.83 MGD (Average Monthly)	0.467
BOD mg/L	30 mg/L (Average Monthly Max)	15.9
BOD % Removal	>/= 85.0% (Average Monthly)	94.7%
TSS mg/L	30 mg/L (Average Monthly Max)	7.3
TSS % Removal	>/= 85.0% (Average Monthly)	97.9%
pH Low	6.0 SU (Daily)	7.00
pH High	8.3 SU (Daily)	7.68
<i>E. coli</i> (Daily)	409.0 MPN (Daily Max)	N/A
<i>E. coli</i> (Rolling)	126.0 MPN (Geomean Average)	N/A
Total Chlorine	1.0 mg/L (Daily Max)	N/A
Total Nitrogen	153 lbs/day (Average Monthly Max)	25.3

MGD=Millions of Gallons per Day (standard water/wastewater flow measuren

BOD=Biochemical Oxygen Demand

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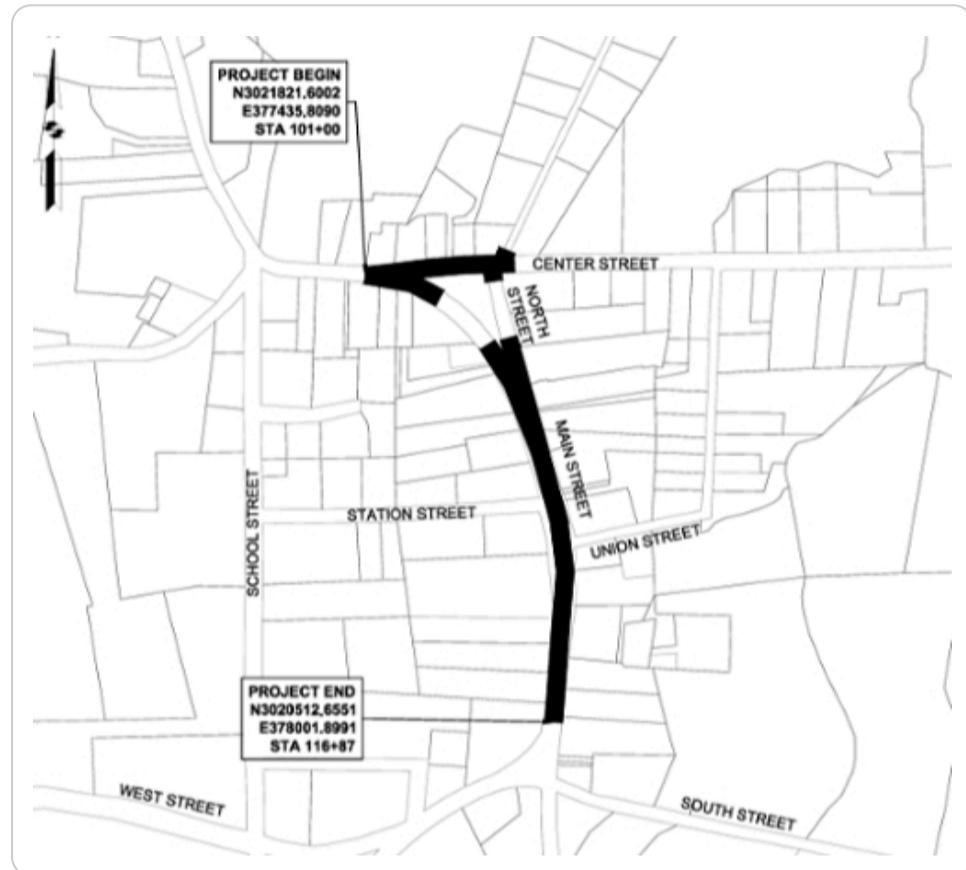


Town of
Montague

Montague Center Complete Streets

5A

Comment period is open



Please submit comments to Assistant Town Administrator Chris Nolan-Zeller (chrism@montague-ma.gov) by Monday, January 12, 2026.

Bowman Engineering will be present at the 1/12 Selectboard meeting at **6:30PM via Zoom** to discuss the updated design.

Montague Center Complete Streets Project – Design Update

The Town's engineering consultants, Bowman Engineering, have prepared an updated design for the Montague Center Complete Streets project. This revised plan builds on the earlier design prepared by VHB and includes several changes that improve safety, simplify construction, and keep the project within the existing grant budget.

Key highlights of the updated design include:

Main Street & Center Street Intersection

Center Street will now meet Main Street at a more direct, near 90-degree angle instead of the current Y-shaped intersection. This change makes the intersection safer and easier to navigate for drivers, pedestrians, and cyclists. It also allows the project to eliminate one set of pedestrian warning beacons, saving approximately \$15,000, while still accommodating large vehicles such as fire engines and dump trucks.

Stormwater Improvements

The updated design simplifies stormwater drainage by relying more on new curbing that allows water to soak naturally into the ground, rather than using additional pipes and catch basins. Further soil testing will be completed to confirm that this approach is feasible.

North Street Connection

The North Street connection to Main Street has been simplified to a single 90-degree intersection. This reduces conflict points, improves safety for cyclists, and allows vehicles to safely turn either right or left onto Main Street.

Driveway Adjustments on Main Street

As part of the intersection improvements, the private driveways at 29, 39, and 41 Main Street may need to be extended slightly. If required, this would involve an easement that would need approval at Town Meeting.

Post Office Area Improvements

Near the Post Office, Bowman redesigned the stormwater system to be more cost-effective by using a small tunnel beneath the sidewalk with a protective grate. This change reduces estimated costs from over \$10,000 to approximately \$3,000. Raised crosswalks in this area remain in the design, reflecting feedback from nearby residents.

FRTA Bus Stop Relocation

The FRTA bus stop has been shifted slightly to the north to avoid conflicts with the new raised crosswalks and improve overall safety.

Overall, the updated design reflects community input, improves safety for pedestrians, cyclists, and drivers, and preserves the value of the project while staying within the existing grant funding. The full design plans from Bowman Engineering are available on this page, as well as in-person at Montague Town Hall and the Montague Center Library for those who would like to review additional details.

Attached File:

- [Updated Plan Set - Montague Center Complete Streets.pdf](#)

Posted: to [General Montague News](#) on Tue, Jan 6, 2026

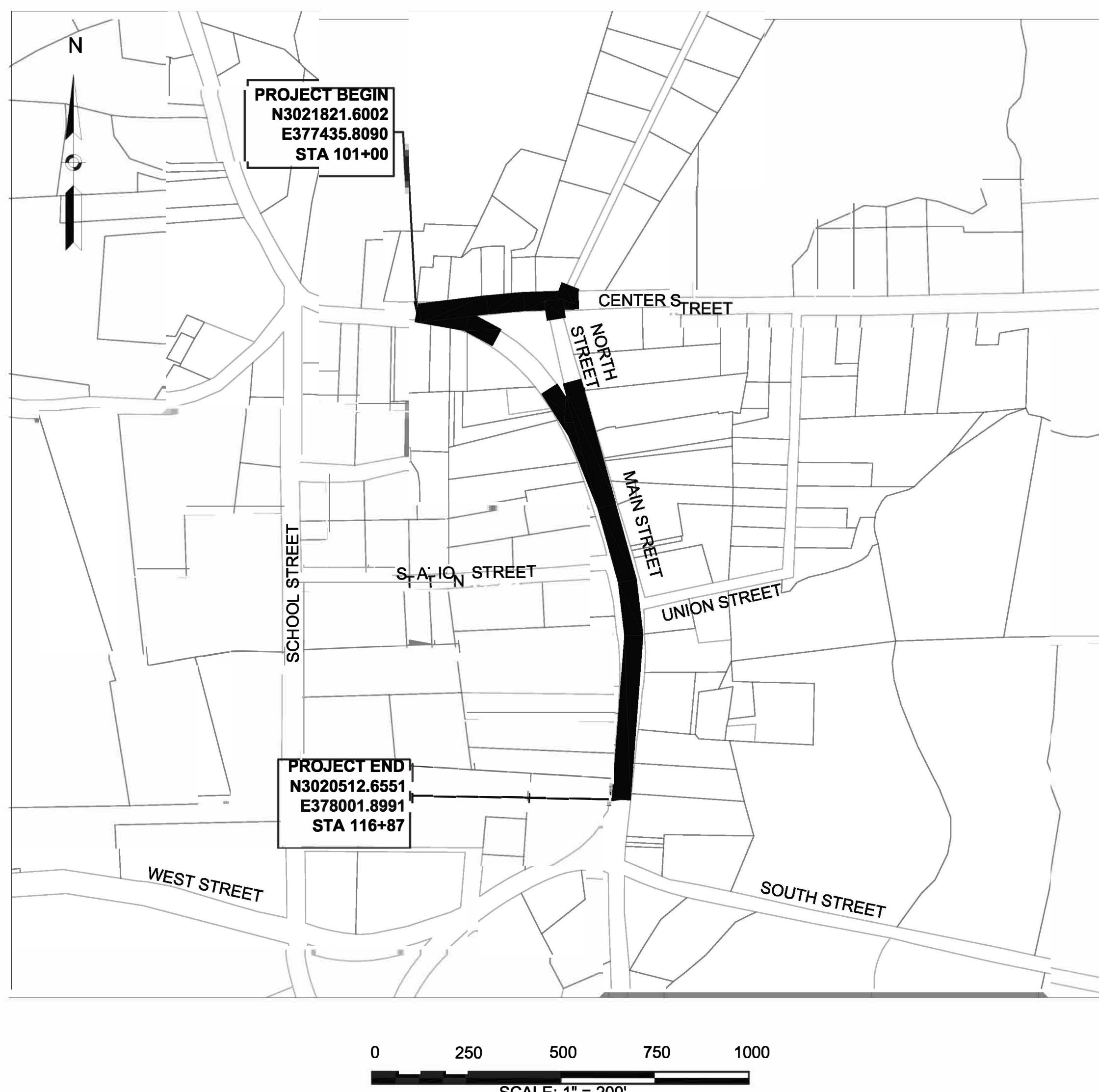
Updated: Tue, Jan 6, 2026

COMPLETE STREETS IMPROVEMENTS

5B

IN THE TOWN OF
MONTAGUE

INDEX	
SHEET NO.	DESCRIPTION
1	TITLE SHEET & INDEX
2	LEGEND & ABBREVIATIONS
3 - 4	GENERAL NOTES
5	KEY PLAN
6 - 8	CONSTRUCTION PLAN
9	GRADING PLAN
10 - 12	TRAFFIC SIGN & PAVEMENT MARKINGS PLAN
13	TRAFFIC SIGN SUMMARY
14 - 15	CONSTRUCTION DETAILS



THESE PLANS ARE SUPPLEMENTED BY THE 2025 MASSDOT STANDARD SPECIFICATIONS FOR HIGHWAYS AND BRIDGES, THE SEPTEMBER 30, 2025 MASSDOT SUPPLEMENTAL SPECIFICATIONS, THE JUNE 2025 MASSDOT CONSTRUCTION STANDARD DETAILS, THE 2015 MASSDOT OVERHEAD SIGNAL STRUCTURE AND FOUNDATION STANDARD DRAWINGS, THE LATEST EDITION OF THE MASSDOT TRAFFIC MANAGEMENT PLANS AND DETAIL DRAWINGS, THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS WITH MASSACHUSETTS AMENDMENTS, THE 1990 MASSDOT STANDARD DRAWINGS FOR SIGNS AND SUPPORTS, THE 1968 MASSDOT STANDARD DRAWINGS FOR TRAFFIC SIGNALS AND HIGHWAY LIGHTING, AND THE LATEST EDITION OF THE AMERICAN STANDARD FOR NURSERY STOCK.

PHASE: XX% DESIGN
DATE: 12/17/2025

Bowman

DRAFT
NOT FOR CONSTRUCTION

350 MYLES STANDISH BLVD
SUITE 103
TAUNTON, MA 02710
TELE: (508) 823 - 2245
24 ALBION RD
SUITE 310
LINCOLN, RI 02865
TELE: (401) 648 - 7200

20 WINTHROP SQ
3RD FLOOR
BOSTON, MA 02109
TELE: (617) 556 - 0020
FAX: (617) 556 - 0025

94 NORTH ELM STREET
SUITE 210
WESTFIELD, MA
TELE: (413) 875 - 8855

GENERAL SYMBOLS			TRAFFIC SYMBOLS			ABBREVIATIONS		ABBREVIATIONS	
EXISTING	PROPOSED	DESCRIPTION	EXISTING	PROPOSED	DESCRIPTION	GENERAL	GENERAL	GENERAL	GENERAL
JB	JB	JERSEY BARRIER	CB	CB	CATCH BASIN	AADT	ANNUAL AVERAGE DAILY TRAFFIC	LP	LIGHT POLE
CB	CB	CATCH BASIN CURB INLET	FP	FP	FLAG POLE	ABAN	ABANDON	LT	LEFT
MB	MB	BEEHIVE COVER	GP	GP	GAS PUMP	ADJ	ADJUST	MAX	MAXIMUM
MB	MB	MAIL BOX	MB	MB	MAIL BOX	APPROX.	APPROXIMATE	MB	MAILBOX
POST SQUARE	POST	POST CIRCULAR	WELL	WELL	WELL	A.C.	ASPHALT CONCRETE	MH	MANHOLE
EHH	EHH	ELECTRIC HANDHOLE	WELL	WELL	WELL	ACCM PIPE	ASPHALT COATED CORRUGATED	MHB	MASSACHUSETTS HIGHWAY BOUND
FENCE GATE POST	O	GAS GATE	EHH	EHH	ELECTRIC HANDHOLE	BIT.	BITUMINOUS	MIN	MINIMUM
BORING HOLE	BHL #	BORING HOLE	GG	GG	GAS GATE	BC	BOTTOM OF CURB	NO.	NUMBER
MONITORING WELL	MW #	MONITORING WELL	TP #	TP #	TEST PIT	BCC	BITUMINOUS CONCRETE CURB	PC	POINT OF CURVATURE
TEST PIT	TP #	TEST PIT	TP #	TP #	TP #	BD.	BOUND	PCC	POINT OF COMPOUND CURVATURE
HYDRANT	*	HYDRANT	RRSG	RRSG	RAILROAD SIGNAL	BL	BASELINE	P.G.L.	PROFILE GRADE LINE
LIGHT POLE	*	LIGHT POLE	RRSG	RRSG	RAILROAD SIGNAL	BLDG	BUILDING	PI	POINT OF INTERSECTION
COUNTY BOUND	RRSG	COUNTY BOUND	RRSG	RRSG	SIGNAL POST AND BASE (ALPHA-NUMERIC DESIGNATION NOTED)	BM	BENCHMARK	POC	POINT ON CURVE
GPS POINT	RRSG	GPS POINT	RRSG	RRSG	MAST ARM, SHAFT AND BASE (ARM LENGTH AS NOTED)	BO	BY OTHERS	POT	POINT ON TANGENT
CABLE MANHOLE	RRSG	CABLE MANHOLE	RRSG	RRSG	HIGH MAST POLE OR TOWER	BOS	BOTTOM OF SLOPE	PRC	POINT OF REVERSE CURVATURE
DRAINAGE MANHOLE	RRSG	DRAINAGE MANHOLE	RRSG	RRSG	SIGN AND POST	BR.	BRIDGE	PROJ	PROJECT
ELECTRIC MANHOLE	RRSG	ELECTRIC MANHOLE	RRSG	RRSG	SIGN AND POST (2 POSTS)	CB	CATCH BASIN	PROP	PROPOSED
GAS MANHOLE	RRSG	GAS MANHOLE	RRSG	RRSG	MAST ARM WITH LUMINAIRE	CBCI	CATCH BASIN WITH CURB INLET	PSB	PLANTABLE SOIL BORROW
MISC MANHOLE	RRSG	MISC MANHOLE	RRSG	RRSG	OPTICAL PRE-EMPTION DETECTOR	CC	CEMENT CONCRETE	PT	POINT OF TANGENCY
SEWER MANHOLE	RRSG	SEWER MANHOLE	RRSG	RRSG	CONTROL CABINET, GROUND MOUNTED	CCM	CEMENT CONCRETE MASONRY	PVC	POINT OF VERTICAL CURVATURE
TELEPHONE MANHOLE	RRSG	TELEPHONE MANHOLE	RRSG	RRSG	CONTROL CABINET, POLE MOUNTED	CEM	CEMENT	PVI	POINT OF VERTICAL INTERSECTION
WATER MANHOLE	RRSG	WATER MANHOLE	RRSG	RRSG	FLASHING BEACON CONTROL AND METER PEDESTAL	CI	CURB INLET	PVT	POINT OF VERTICAL TANGENCY
MASSACHUSETTS HIGHWAY BOUND	MHB	MASSACHUSETTS HIGHWAY BOUND	MHB	MHB	LOAD CENTER ASSEMBLY	CIP	CAST IRON PIPE	PVMT	PAVEMENT
MONUMENT	MON	MONUMENT	MON	MON	PULL BOX 12"x12" (OR AS NOTED)	CLF	CHAIN LINK FENCE	PWW	PAVED WATER WAY
STONE BOUND	SB	STONE BOUND	SB	SB	ELECTRIC HANDHOLE 12"x24" (OR AS NOTED)	CL	CENTERLINE	R	RADIUS OF CURVATURE
TOWN OR CITY BOUND	TB	TOWN OR CITY BOUND	TB	TB	TRAFFIC SIGNAL CONDUIT	CMP	CORRUGATED METAL PIPE	R&D	REMOVE AND DISPOSE
TRAVERSE OR TRIANGULATION STATION		TRAVERSE OR TRIANGULATION STATION				CSP	CORRUGATED STEEL PIPE	RCP	REINFORCED CONCRETE PIPE
TROLLEY POLE OR GUY POLE	TPL or GUY	TROLLEY POLE OR GUY POLE	TPL or GUY	TPL or GUY		CO.	COUNTY	RD	ROAD
TRANSMISSION POLE	HTP	TRANSMISSION POLE	HTP	HTP		CONC	CONCRETE	RDWY	ROADWAY
UTILITY POLE W/ FIREBOX	UFB	UTILITY POLE W/ FIREBOX	UFB	UFB		CONT	CONTINUOUS	REM	REMOVE
UTILITY POLE WITH DOUBLE LIGHT	UPDL	UTILITY POLE WITH DOUBLE LIGHT	UPDL	UPDL		CONST	CONSTRUCTION	RET	RETAIN
UTILITY POLE W/ 1 LIGHT	ULT	UTILITY POLE W/ 1 LIGHT	ULT	ULT		CR	CURB RAMP	RET WALL	RETAINING WALL
UTILITY POLE	UPL	UTILITY POLE	UPL	UPL		DHV	DESIGN HOURLY VOLUME	ROW	RIGHT OF WAY
BUSH		BUSH				DI	DROP INLET	RR	RAILROAD
TREE		TREE				DIA	DIAMETER	R&R	REMOVE AND RESET
STUMP		STUMP				DIP	DUCTILE IRON PIPE	RT	RIGHT
SWAMP / MARSH		SWAMP / MARSH				DW	STEADY DON'T WALK - PORTLAND	SB	STONE BOUND
WATER GATE	WG	WATER GATE	WG	WG		DWY	DRIVEWAY	SHLD	SHOULDER
PARKING METER	PM	PARKING METER	PM	PM		ELEV (or EL.)	ELEVATION	SMH	SEWER MANHOLE
OVERHEAD CABLE/WIRE		OVERHEAD CABLE/WIRE				EMB	EMBANKMENT	ST	STREET
CURBING		CURBING				EOP	EDGE OF PAVEMENT	STA	STATION
CONTOURS (ON-THE-GROUND SURVEY DATA)		CONTOURS (ON-THE-GROUND SURVEY DATA)				EXIST (or EX)	EXISTING	SSD	STOPPING SIGHT DISTANCE
CONTOURS (PHOTOGRAMMETRIC DATA)		CONTOURS (PHOTOGRAMMETRIC DATA)				EXC	EXCAVATION	SHLO	STATE HIGHWAY LAYOUT LINE
UNDERGROUND DRAIN PIPE (DOUBLE LINE 24 INCH AND OVER)		UNDERGROUND DRAIN PIPE (DOUBLE LINE 24 INCH AND OVER)				F&C	FRAME AND COVER	SW	SIDEWALK
UNDERGROUND ELECTRIC DUCT (DOUBLE LINE 24 INCH AND OVER)		UNDERGROUND ELECTRIC DUCT (DOUBLE LINE 24 INCH AND OVER)				F&G	FRAME AND GRATE	T	TANGENT DISTANCE OF
UNDERGROUND GAS MAIN (DOUBLE LINE 24 INCH AND OVER)		UNDERGROUND GAS MAIN (DOUBLE LINE 24 INCH AND OVER)				FDN.	FOUNDATION	T	CURVE/TRUCK %
UNDERGROUND SEWER MAIN (DOUBLE LINE 24 INCH AND OVER)		UNDERGROUND SEWER MAIN (DOUBLE LINE 24 INCH AND OVER)				FLDSTN	FIELDSTONE	TAN	TANGENT
UNDERGROUND TELEPHONE DUCT (DOUBLE LINE 24 INCH AND OVER)		UNDERGROUND TELEPHONE DUCT (DOUBLE LINE 24 INCH AND OVER)				GAR	GARAGE	TEMP	TEMPORARY
UNDERGROUND WATER MAIN (DOUBLE LINE 24 INCH AND OVER)		UNDERGROUND WATER MAIN (DOUBLE LINE 24 INCH AND OVER)				GD	GROUND	TC	TOP OF CURB
BALANCED STONE WALL		BALANCED STONE WALL				GG	GAS GATE	TOS	TOP OF SLOPE
GUARD RAIL - STEEL POSTS		GUARD RAIL - STEEL POSTS				GI	GUTTER INLET	TYP	TYPICAL
GUARD RAIL - WOOD POSTS		GUARD RAIL - WOOD POSTS				GIP	GALVANIZED IRON PIPE	UP	UTILITY POLE
CHAIN LINK OR METAL FENCE		CHAIN LINK OR METAL FENCE				GRAN	GRANITE	VAR	VARIES
WOOD FENCE		WOOD FENCE				GRAV	GRAVEL	VERT	VERTICAL
HAY BALES/SILT FENCE		HAY BALES/SILT FENCE				GRD	GUARD	VC	VERTICAL CURVE
TREE LINE		TREE LINE				GRDL	GUARDRAIL	VGC	VERTICAL GRANITE CURB
SAWCUT LINE		SAWCUT LINE				HDW	HEADWALL	WG	WATER GATE
TOP OR BOTTOM OF SLOPE		TOP OR BOTTOM OF SLOPE				HMA	HOT MIX ASPHALT	WIP	WROUGHT IRON PIPE
EDGE OF PAVEMENT		EDGE OF PAVEMENT				HOR	HORIZONTAL	WM	WATER METER/WATER MAIN
LIMIT OF MICROMILLING AND OVERLAY		LIMIT OF MICROMILLING AND OVERLAY				HYD	HYDRANT	X-SECT	CROSS SECTION
BANK OF RIVER OR STREAM		BANK OF RIVER OR STREAM				INV	INVERT		
BORDER OF WETLAND		BORDER OF WETLAND				JCT	JUNCTION		
100 FT WETLAND BUFFER		100 FT WETLAND BUFFER				L	LENGTH OF CURVE		
200 FT RIVERFRONT BUFFER		200 FT RIVERFRONT BUFFER				LB	LEACH BASIN		
STATE HIGHWAY LAYOUT		STATE HIGHWAY LAYOUT							
TOWN OR CITY LAYOUT		TOWN OR CITY LAYOUT							
COUNTY LAYOUT		COUNTY LAYOUT							
RAILROAD SIDELINE		RAILROAD SIDELINE							
TOWN OR CITY BOUNDARY LINE		TOWN OR CITY BOUNDARY LINE							
PROPERTY LINE OR APPROXIMATE PROPERTY LINE		PROPERTY LINE OR APPROXIMATE PROPERTY LINE							
EASEMENT		EASEMENT							
TRAFFIC SIGNAL ABBREVIATIONS			PAVEMENT MARKINGS SYMBOLS			ABBREVIATIONS			
CAB	CABINET	EXISTING	PROPOSED	DESCRIPTION	EXIST (or EX)	EXISTING			
CCVE	CLOSED CIRCUIT VIDEO EQUIPMENT	ONLY	ONLY	PAVEMENT ARROW - WHITE	EXC	EXCAVATION			
DW	STEADY UPRAISED HAND	SL	SL	LEGEND "ONLY" - WHITE	F&C	FRAME AND COVER			
FDW	FLASHING UPRAISED HAND	CW	CW	STOP LINE	F&G	FRAME AND GRATE			
FR	FLASHING CIRCULAR RED	SWL	SWL	CROSSWALK - 12" WHITE	FDN.	FOUNDATION			
FRL	FLASHING RED LEFT ARROW	SYL	SYL	SOLID WHITE LINE - 6"	FLDSTN	FIELDSTONE			
FRR	FLASHING RED RIGHT ARROW	BWL	BWL	SOLID YELLOW LINE - 6"	GAR	GARAGE			
FY	FLASHING CIRCULAR YELLOW	BYL	BYL	BROKEN WHITE LINE - 6"	GD	GROUND			
FYL	FLASHING YELLOW LEFT ARROW	DWL	DWL	BROKEN YELLOW LINE - 6"	GG	GAS GATE			
FYR	FLASHING YELLOW RIGHT ARROW	DYL	DYL	DOTTED WHITE LINE - 6"	GI	GUTTER INLET			
G	STEADY CIRCULAR GREEN	DYEx	DYEx	DOTTED YELLOW LINE - 6"	GIP	GALVANIZED IRON PIPE			
GL	STEADY GREEN LEFT ARROW	DBWL	DBWL	DOTTED WHITE LINE EXTENSION - 6"	GRAN	GRANITE			
GR	STEADY GREEN RIGHT ARROW	DBYL	DBYL	DOTTED YELLOW LINE EXTENSION - 6"	GRAV	GRAVEL			
GSL	STEADY GREEN SLASH LEFT ARROW				GRD	GUARD			
GSR	STEADY GREEN SLASH RIGHT ARROW				GRDL	GUARDRAIL			
GV	STEADY GREEN VERTICAL ARROW				HDW	HEADWALL			
OL	OVERLAP				HMA	HOT MIX ASPHALT			
PED	PEDESTRIAN				HOR	HORIZONTAL			
PTZ	PAN, TILT, ZOOM				HYD	HYDRANT			
R	STEADY CIRCULAR RED				INV	INVERT			
RL	STEADY RED LEFT ARROW				JCT	JUNCTION			
RR	STEADY RED RIGHT ARROW				L	LENGTH OF CURVE			
TR SIG	TRAFFIC SIGNAL				LB	LEACH BASIN			
TSC	TRAFFIC SIGNAL CONDUIT								
W	STEADY WALKING PERSON								
Y	STEADY CIRCULAR YELLOW								
YL	STEADY YELLOW LEFT ARROW								
DRAFT NOT FOR CONSTRUCTION			PROJECT #:	312671-01-002	DATE:	12/12/2			

GENERAL NOTES

1. PER MASSACHUSETTS LAW, CONTRACTORS SHALL CALL 1-888-DIG-SAFE, (1-888-344-7233) AND CITY OF WESTFIELD UTILITY DEPARTMENTS PRIOR TO ANY UNDERGROUND EXCAVATION ON SITE. THE DIG-SAFE VERIFICATION NUMBER SHALL BE SUBMITTED TO THE CITY OF WESTFIELD AND MASSDOT PRIOR TO ANY CONSTRUCTION WORK.
2. JOINTS BETWEEN NEW HMA ROADWAY PAVEMENT AND SAWCUT EXISTING PAVEMENT SHALL BE SEALED WITH BITUMEN AND BACKSANDED.
3. ALTERATIONS TO EXISTING VEGETATION (TRIMMING, LIMBING, TRANSPANTING, ETC.) SHALL BE MADE IN A MANNER THAT MINIMIZES THE DAMAGE TO THE VEGETATION AND MAXIMIZES ITS CHANCE FOR SURVIVAL. PROFESSIONAL LANDSCAPING OR TREE TRIMMING SERVICES SHALL BE EMPLOYED FOR SUCH WORK AT THE DIRECTION OF MASSDOT OR ITS DESIGNATED AGENT. THE CONTRACTOR SHALL TAKE SPECIAL CARE NOT TO DAMAGE ANY EXISTING VEGETATION WHICH OVERHANGS OR IS ADJACENT TO THE CONSTRUCTION ZONE. ANY DAMAGE THAT IS CAUSED BY THE CONTRACTOR'S NEGLIGENCE SHALL BE FIXED AT HIS OWN EXPENSE.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CONSTRUCTION LAYOUT SURVEYS. THE CONTRACTOR SHALL EMPLOY A COMPETENT REGISTERED SURVEYOR, REGISTERED IN THE COMMONWEALTH OF MASSACHUSETTS TO COMPLETE ALL CONSTRUCTION LAYOUT.
5. FIELD SURVEY AND LAYOUT DURING CONSTRUCTION WILL BE PROVIDED BY THE CONTRACTOR, AS REQUIRED TO PROPERLY PERFORM THE WORK. IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO ENSURE THAT THE EXISTING CONDITIONS ARE NOT OBLITERATED BEFORE ADEQUATE SURVEY CONTROL POINTS HAVE BEEN ESTABLISHED OR LOCATED, AND CONSTRUCTION LAYOUT CAN BE COMPLETED. THE CONSTRUCTION LAYOUT SHALL BE PROVIDED IN SUFFICIENT DETAIL, THEREBY ENABLING THE CONTRACTOR TO CONSTRUCT THE PROJECT IN CONFORMITY WITH THE PLANS AND SPECIFICATIONS. THE CITY OR ITS DESIGNATED REPRESENTATIVES WILL NOT AUTHORIZE CONSTRUCTION ACTIVITIES TO BEGIN UNTIL IT IS SATISFIED THAT ALL GROUND CONTROL HAS BEEN ESTABLISHED, TIED DOWN, AND DULY RECORDED IN STANDARD FIELD BOOKS.
6. THE FREQUENCY AND APPLICATION RATES FOR DUST CONTROL ITEMS SHALL BE SUFFICIENT TO PREVENT THE GENERATION OF AIRBORNE DUST FROM PROJECT AREAS. THE CITY OR ITS DESIGNATED REPRESENTATIVE SHALL HAVE AUTHORITY TO REQUIRE ADDITIONAL DUST CONTROL MEASURES AT THEIR DISCRETION, WHICH SHALL BE PROMPTLY APPLIED BY THE CONTRACTOR.
7. ALL EXISTING CONDITIONS SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION.
8. 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 THE RESOLUTION OF THE CONFLICT.
9. THE LIMITS OF CLEARING, GRADING, AND DISTURBANCE SHALL BE KEPT TO A MINIMUM WITHIN THE PROPOSED AREA OF CONSTRUCTION, AREAS OUTSIDE OF THESE LIMITS, AS DEPICTED ON THE PROJECT SITE PLANS, SHALL REMAIN UNDISTURBED IN A COMPLETELY NATURAL CONDITION. AREAS OUTSIDE THE LIMITS OF PROPOSED WORK DISTURBED BY THE CONTRACTOR'S OPERATIONS SHALL BE RESTORED BY THE CONTRACTOR TO THEIR ORIGINAL CONDITION AT THE CONTRACTOR'S EXPENSE.
10. ASPHALT EMULSION FOR TACK COAT SHALL BE PLACED PRIOR TO PAVEMENT PLACEMENT ON THE CONCRETE BASE OR MILLED PAVEMENT, AND ON ANY NEW COURSE WHICH HAS BEEN OPEN TO TRAFFIC, OR ANY NEW COURSE WHICH HAS BEEN EXPOSED FOR MORE THAN 3 DAYS, AND/OR AS DIRECTED BY MASSDOT OR ITS DESIGNATED REPRESENTATIVE. IT SHALL ALSO BE APPLIED TO VERTICAL PAVEMENT FACES BETWEEN ADJOINING PAVEMENT SECTIONS. ALL APPLICATIONS ON BOTH HORIZONTAL AND VERTICAL SURFACES SHALL BE IN ACCORDANCE WITH MASSDOT SPECIFICATIONS.
11. UNDER NO CIRCUMSTANCES WILL THE CONTRACTOR BE ALLOWED TO STOCKPILE REMOVED PAVEMENT MATERIALS WITHIN OR OUTSIDE THE PROJECT LIMITS. SUCH MATERIALS SHALL BE PROMPTLY REMOVED FROM THE PROJECT AND DISPOSED OF PROPERLY AT AN APPROVED OFF-SITE LOCATION.
12. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PREVENT DAMAGE TO BUILDINGS, WALLS, FENCES, AND WALKS THAT ARE ABUTTING SIDEWALKS AND DRIVEWAYS DESIGNATED FOR CONSTRUCTION OR REPLACEMENT. WHERE INDICATED OR DIRECTED, NEW SIDEWALKS SHALL MEET SAID BUILDINGS, WALLS, FENCES UNLESS OTHERWISE SPECIFIED.
13. ALL STAGED EQUIPMENT AND MATERIALS SHALL BE PLACED AN ADEQUATE DISTANCE (AS DETERMINED BY THE ENGINEER) FROM THE ROADWAY TO AVOID INTERFERENCE WITH VEHICULAR OR PEDESTRIAN TRAFFIC.

14. CLEANING AND SWEEPING OF PAVEMENT WILL INCLUDE REMOVAL OF ALL PAVEMENT DEBRIS PRIOR TO THE PLACEMENT OF EACH BITUMINOUS PAVEMENT LIFT. ALL CLEANING AND SWEEPING SHALL BE DONE TO THE SATISFACTION OF MASSDOT OR ITS DESIGNATED REPRESENTATIVE.
15. THE COST OF ANY CURB CUTTING REQUIRED TO INSTALL NEW CURB IS INCLUDED IN THE PRICE FOR THE NEW CURB.
16. EXISTING CONCRETE WALKS (LEADING TO HOUSE FRONT DOORS) SHALL BE SAWCUT AT THE JOINT NEAREST THE BACK OF SIDEWALK AND REPLACED TO THE SIDEWALK LIMITS SHOWN.
17. THE CONTRACTOR SHALL BE RESPONSIBLE TO ENSURE THAT AT THE END OF THE FINAL PAVING OPERATIONS, FLOW TO EXISTING AND PROPOSED DRAINAGE STRUCTURES HAVE BEEN REESTABLISHED AND NO ISOLATED DEPRESSIONS EXIST.
18. THE CONTRACTOR SHALL CAREFULLY COORDINATE ALL WORK WITH THAT OF ALL SUBCONTRACTORS, THE CITY, UTILITY COMPANIES AND OTHER CONTRACTORS WORKING WITHIN THE PROJECT LIMITS.
19. THE CONSTRUCTION SITE MUST BE ACCESSIBLE TO EMERGENCY VEHICLES AT ALL TIMES. CONSTRUCTION ACTIVITIES SHALL NOT PREVENT EMERGENCY VEHICLE PASS THROUGH.
20. CONTRACTOR TO PROVIDE A SMOOTH, FLUSH TRANSITION BETWEEN ALL NEW AND EXISTING PAVEMENTS.
21. CONTRACTOR SHALL GROUP OLD CURBING TO BE RE-SET TOGETHER IN ORDER TO ACHIEVE A MORE COHESIVE APPEARANCE.
22. CONTRACTOR SHALL OBTAIN AND COMPLY WITH ALL CITY OF WESTFIELD, MASSACHUSETTS STREET OPENING REQUIREMENTS AS APPLICABLE.
23. THE TERM "PROPOSED" (PROP) MEANS WORK TO BE CONSTRUCTED USING NEW MATERIALS. RE-USING EXISTING MATERIALS IS IDENTIFIED AS "REMOVE AND RESET" (R&R).
24. BOLD TEXT AND LINES INDICATE PROPOSED WORK. LIGHT TEXT AND LINES INDICATE APPROXIMATE EXISTING CONDITIONS.
25. THE CONTRACTOR SHALL READ, BECOME FAMILIAR WITH, AND ADHERE TO ALL OF THE PROVISIONS, CONDITIONS, AND STIPULATIONS STATED IN ANY AND ALL ENVIRONMENTAL APPROVALS ISSUED FOR THE PROJECT. COPIES OF THE APPLICABLE PERMITS SHALL BE PROVIDED TO THE CONTRACTOR BY MASSDOT PRIOR TO THE START OF WORK ON ANY PROJECT SUBJECT IN PART OR IN WHOLE TO SAID PERMITS.
26. DAY TIME WORK HOUR RESTRICTIONS FOR PEAK HOUR TRAFFIC INCLUDE 6:00 AM TO 9:00 AM AND 3:00 PM TO 6:00 PM. WORK THAT DOES NOT REQUIRE A LANE TAKING IS PERMITTED DURING PEAK HOURS.
27. ALL TRANSVERSE JOINTS, AND LONGITUDINAL JOINTS BETWEEN NEW SURFACE PAVEMENT AND EXISTING SURFACE PAVEMENT TO REMAIN SHALL BE COATED WITH A HOT Poured RUBBERIZED ASPHALT SEALER (ITEM 453).
28. ALL EXISTING SIGNS WITHIN THE PROJECT LIMITS SHALL BE RETAINED UNLESS NOTED OTHERWISE.
29. ALL NEW SIDEWALKS AND DRIVEWAY GRADES SHALL MATCH EXISTING GRADES AT BACK OF SIDEWALK LINE UNLESS SHOWN OTHERWISE ON THE PLANS AND CROSS-SECTIONS.
30. ON A DAILY BASIS, THE CONTRACTOR SHALL SWEEP BY MECHANICAL MEANS THE EXISTING AND ADJACENT ROADS OR STREETS AND REMOVE SEDIMENT, SOIL, VEHICLE TRACKING MUD OR DIRT, ASPHALT FRAGMENTS, AND AGGREGATE, ETC.
31. THE GENERAL CONTRACTOR SHALL COORDINATE WITH THE APPROPRIATE MUNICIPAL DEPARTMENT OR UTILITY COMPANY FOR EXISTING AND PROPOSED CONNECTION POINTS, TEMPORARY MEANS OF BY-PASS SERVICE, VERIFICATION OF EXISTING UTILITY MATERIAL SIZE AND LOCATION, INCLUDING WATER, SANITARY SEWER, STORM SEWER, GAS, ELECTRIC, CABLE OR FIBER. UTILITY WORK BY OTHERS IS NOTED ON THE PLANS.

EXISTING CONDITIONS NOTES

1. THE EXISTING CONDITIONS SHOWN ON THESE PLANS CONSIST OF AN ON-THE-GROUND INSTRUMENT SURVEY PERFORMED BY [SURVEYOR NAME] IN [MONTH, YEAR], FIELD BOOK [FIELD BOOK NUMBER(S)].
2. [ADD EXISTING CONDITIONS NOTES FROM EXISTING CONDITIONS PLAN PROVIDED BY SURVEYOR]

UTILITY NOTES

1. EXISTING UTILITIES HAVE BEEN SHOWN ON THE PLANS USING THE BEST AVAILABLE INFORMATION AND ARE APPROXIMATE. BUILDING SERVICE CONNECTIONS (ELECTRIC, GAS, TELEPHONE, WATER, SANITARY, CABLE, TELEVISION, ETC.) ARE SHOWN. CONTRACTOR IS TO ASSUME THAT OTHER SERVICES ARE PRESENT TO ALL BUILDINGS. LOCATIONS OF THE SERVICES WILL BE CHECKED BY THE CONTRACTOR WITH THE APPROPRIATE UTILITY COMPANIES.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING, BYPASSING, AND SUPPORTING ALL EXISTING UTILITIES FOR THE DURATION OF THE PROJECT, THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING OR REPLACING ANY UTILITIES DAMAGED DURING CONSTRUCTION. ANY DEFICIENCIES DURING THE PRE AND POST INSPECTION SHALL BE REPORTED TO THE ENGINEER.
3. ALL EXISTING MANHOLES, CATCH BASINS, ROADWAY BOXES, AND SIDEWALK CURB STOPS FOR ALL UTILITIES WITHIN THE PROJECT WORK LIMITS SHALL BE ADJUSTED TO GRADE AS REQUIRED EXCEPT WHERE REPLACEMENT OR RECONSTRUCTION IS CALLED FOR ON THE PLANS, IN THE CONTRACT DOCUMENTS, OR DIRECTED BY THE ENGINEER.
4. EXCAVATION SHALL BE IN ACCORDANCE WITH ALL STATUTES, ORDINANCES, RULES AND REGULATIONS OF ANY APPLICABLE CITY, TOWN, STATE OR FEDERAL AGENCY.
5. ALL EXISTING UTILITIES DESIGNATED TO BE ABANDONED SHALL BE PROPERLY CAPPED OR PLUGGED; NO ABANDONED PIPES OR CONDUITS (WHETHER ABOVE OR UNDERGROUND) SHALL BE LEFT WITH OPEN ENDS.
6. FIRE HYDRANTS SHALL NOT BE TEMPORARILY REMOVED FROM SERVICE AT ANY TIME WITHOUT PRIOR WRITTEN AUTHORIZATION FROM THE WESTFIELD FIRE DEPARTMENT.
7. THE CONTRACTOR IS APPRISED THAT NOT ALL UTILITIES SUBSCRIBE TO THE DIG SAFE PROGRAM. IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO CONTACT ANY AND ALL UTILITY PROVIDERS WITH INFRASTRUCTURE IN A PARTICULAR PROJECT AREA, AND ENSURE THAT ALL EXISTING UTILITIES WITHIN THE PROJECT AREA HAVE BEEN MARKED PRIOR TO COMMENCING THE WORK.
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PRESERVING UTILITY MARKINGS FOR THE DURATION OF THE WORK, OR FOR INSTALLING ADEQUATE OFFSET MARKINGS OR INDICATORS IN AREAS WHERE THE WORK WILL REMOVE THE ORIGINAL UTILITY MARK UPS.
9. ANY DAMAGE TO EXISTING UTILITIES MARKED IN THE FIELD, OR AS A RESULT OF FAILING TO CONTACT THE APPROPRIATE UTILITY COMPANY, SHALL BE REPAIRED OR REPLACED AT NO ADDITIONAL COST TO MASSDOT OR UTILITY OWNER.
10. IN SOME CASES, UTILITY WORK BY OTHERS WITHIN THE PROJECT AREAS MAY TAKE PLACE CONCURRENTLY WITH ROAD WORK; THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING AND COOPERATING WITH THE UTILITY PROVIDER(S) AND/OR THEIR CONTRACTOR(S) DURING THE PERFORMANCE OF SUCH WORK.

DRAINAGE/STORMWATER MANAGEMENT NOTES

1. THE CONTRACTOR SHALL CLEAN ALL EXISTING STORM SEWER CATCH BASINS, MANHOLES, AND PIPE AS NEEDED FOR THE CONFIRMATION AND ASSURANCE OF EXISTING ELEVATIONS OR INVERTS, MATERIALS, AND SIZES PRIOR TO ORDERING OF NEW MATERIALS.
2. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL EXISTING DRAINAGE PIPES AND/OR STRUCTURES THAT ARE TO BE MODIFIED, AND ANY VARIATIONS FROM THE PLANS DISCOVERED BY THE CONTRACTOR MUST BE BROUGHT TO THE ATTENTION OF THE RESIDENT ENGINEER OR ITS DESIGNATED AGENT PRIOR TO DRAINAGE AND UTILITY CONSTRUCTION. WORK CAN COMMENCE ONLY WITH MASSDOT'S AUTHORIZATION.
3. ALL DRAINAGE AND UTILITY STRUCTURES WITHIN THE PAVED ROADWAY SHALL BE ADJUSTED TO GRADE WITH THE SURROUNDING PAVEMENT PRIOR TO THE WINTER SHUTDOWN.
4. DURING CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING PIPED DRAINAGE AND SURFACE RUNOFF FLOWS DURING STORMS AND PERIODS OF RAINFALL THROUGHOUT THE WORK AREA INCLUDING PROVIDING ADEQUATE FLOW DIVERSION OR BYPASS MEASURES FOR PIPED DRAINAGE AND RUNOFF, IF REQUIRED.
5. NO NEW POINT SOURCE DISCHARGES OR UNTREATED STORMWATER SHALL BE DISCHARGED DIRECTLY INTO ADJACENT WATERBODIES AND WETLANDS.
6. AN ORDER OF CONDITIONS AND A STORMWATER PERMIT WILL BE ISSUED FOR THIS PROJECT AND SHALL BE FOLLOWED IN ITS ENTIRETY.
7. DRAINAGE ELEVATIONS ARE PROVIDED FOR DESIGN PURPOSES ONLY. THE CONTRACTOR SHALL VERIFY BY TEST PIT, THE LOCATION OF EXISTING UTILITIES WHICH MAY CONFLICT WITH THE PROPOSED DRAINAGE DESIGN. ANY FIELD ADJUSTMENTS REQUIRED WILL BE MADE AS APPROVED OR DIRECTED BY MASSDOT OR ITS DESIGNATED AGENT. ONLY AFTER THE CONTRACTOR VERIFIES ELEVATIONS FOR THE CONSTRUCTABILITY OF THE DRAINAGE SYSTEM SHALL ANY STRUCTURES BE ORDERED. ANY FIELD ADJUSTMENTS TO LINE & GRADE SHALL BE INCLUDED IN THE COST OF THE PIPE.
8. ALL FRAMES & GRATES, FRAMES & COVERS, AND OTHER CASTINGS SHALL BE SET FLUSH WITH FINISHED GRADE.
9. ALL DRAINAGE OR STORM SEWER PIPE SHALL BE A MINIMUM OF 12-INCH DIA. CLASS III STEEL-REINFORCED CONCRETE PIPE (RCP) UNLESS OTHERWISE NOTED ON THE PLANS.
10. STORMWATER TEST PITS ON UTILITY AND CONSTRUCTION PLANS TO BE CONDUCTED BY ENGINEER PRIOR TO 75% SUBMISSION. POTENTIAL SUE NEEDED PRIOR TO 75% SUBMISSION.

RESOURCE AREA NOTES

1. EXCESS SOIL, STUMPS, TREES, ROCKS, BOULDERS, AND OTHER REFUSE SHALL BE DISCARDED OFF SITE IN AN APPROPRIATE UPLAND LOCATION, OUTSIDE OF ALL REGULATED WETLAND AREAS BY THE CONTRACTOR.
2. THE COMPOST FILTER TUBE LINE CALLED FOR ON THESE PLANS IS TO BE STAKED IN THE FIELD PRIOR TO CONSTRUCTION, AND SHALL SERVE AS THE STRICT LIMITS OF DISTURBANCE FOR THE PROJECT WITHIN OR ADJACENT TO REGULATED WETLAND AREAS, NO ALTERATIONS, INCLUDING VEGETATIVE CLEARING OR SURFACE DISTURBANCE, SHALL OCCUR BEYOND THIS COMPOST FILTER TUBE LINE.
3. NO HEAVY MACHINERY MAY BE USED WITHIN THE RESOURCE AREAS.
4. NO FUEL STORAGE, VEHICLE REFUELING, OR EQUIPMENT STORAGE SHALL TAKE PLACE WITHIN ENVIRONMENTAL RESOURCE AREAS, WITHIN 100' OF ANY WATER BODY, OR WITHIN 50' OF ANY UNCOVERED STORM DRAINAGE INLET. THIS REQUIREMENT SHALL NOT SUPERSEDE ANY FEDERAL, TOWN, OR LOCAL LAW, ORDINANCE, RULE OR REGULATION THAT APPLIES TO THE SAME, UNLESS THIS REQUIREMENT IS MORE STRINGENT THAN SAID LAW, ORDINANCE, RULE OR REGULATION.
5. THE LIMITS OF CLEARING, GRADING, AND DISTURBANCE SHALL BE KEPT TO A MINIMUM WITHIN THE PROPOSED AREA OF CONSTRUCTION, AREAS OUTSIDE OF THESE LIMITS, AS DEPICTED ON THE PROJECT SITE PLANS, SHALL REMAIN UNDISTURBED IN A COMPLETELY NATURAL CONDITION.

DRAFT
NOT FOR CONSTRUCTION

PROJECT #: 312671-01-002
DATE: 12/12/2025
DESIGNER: NAV
DRAFTER: NAV
REVIEWER: PMF

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GENERAL NOTES		REV #	DATE
COMPLETE STREETS IMPROVEMENTS		SHEET #	TOTAL SHEETS
MAIN STREET		3	15
MONTAGUE, MASSACHUSETTS			

SOIL EROSION AND SEDIMENT CONTROL NOTES

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PERFORMING ITS WORK AND MAINTAINING PROJECT AREAS IN A MANNER THAT MINIMIZES THE POTENTIAL FOR ON OR OFF-SITE SEDIMENTATION AND/OR EROSION TO OCCUR DURING THE COURSE OF THE PROJECT WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING, MONITORING, AND REPAIRING SOIL EROSION AND SEDIMENT CONTROLS AS INDICATED ON THE PLANS AS WELL AS DETERMINING AND IMPLEMENTING ADDITIONAL APPROPRIATE MEASURES TO BE USED IN THE PROJECT AREA AS NEEDED.
- MASSDOT OR ITS DESIGNATED AGENT SHALL RESERVE THE RIGHT TO REQUIRE THE CONTRACTOR TO SUPPLEMENT OR MODIFY ITS SEDIMENTATION AND EROSION CONTROL MEASURES, IF THE MEASURES ARE DEEMED TO BE INADEQUATE OR INAPPROPRIATE TO THE PROJECT AREA OR WORK CONDITIONS. THIS SHALL IN NO WAY RELIEVE THE CONTRACTOR OF ITS SOLE RESPONSIBILITY FOR THE PREVENTION OF SEDIMENTATION AND EROSION IN OR FROM PROJECT AREAS.
- SILT SACKS AND ANY OTHER APPROVED INLET PROTECTION SHALL BE INSTALLED AT ALL CATCH BASINS AND INLETS WHENEVER SUBBASE IS EXPOSED, AND SHALL REMAIN IN PLACE UNTIL THE ABUTTING GROUND SURFACES ARE STABILIZED.
- ALL INLET PROTECTION DEVICES SHALL BE CLEANED OR REPLACED REGULARLY UNTIL THE CONTRIBUTING AREA HAS BEEN STABILIZED, THE INLET PROTECTION DEVICES ARE TO BE REMOVED AT THE END OF THE PROJECT OR AS DIRECTED BY THE ENGINEER.
- CONCRETE WASHOUT DISCHARGED INTO DRAINAGE SYSTEMS IS PROHIBITED. THE CONTRACTOR MUST PROVIDE A CONCRETE WASHOUT AREA.
- SEDIMENTS REMOVED FROM THE CATCH BASINS SHALL BE LEGALLY DISPOSED OF BY THE CONTRACTOR.
- THE CONTRACTOR SHALL PERFORM THE WORK IN STRICT CONFORMANCE WITH ANY AND ALL CONDITIONS AND REQUIREMENTS OF THE ISSUED ORDER OF CONDITIONS, STORMWATER PERMIT AND REQUIREMENTS OF SAID PERMITS, AND IN ACCORDANCE WITH THE SEDIMENTATION AND EROSION CONTROL MEASURES CALLED FOR ON THE PLANS IN THE PROJECT AREA.
- PRIOR TO COMMENCING CONSTRUCTION ACTIVITIES, SEDIMENTATION AND EROSION CONTROLS SHALL BE INSTALLED AT AREAS INDICATED ON THE PLANS. NO GRUBBING, GRADING, FILLING, OR OTHER SOIL DISTURBANCE SHALL OCCUR PRIOR TO INSTALLATION. THE LIMITS OF CLEARING AND SURFACE DISTURBANCE SHALL BE STRICTLY ADHERED TO IN ALL AREAS.
- THE TOE OF ANY FILL SLOPE IS TO REMAIN AT LEAST 1' INSIDE OF ALL EROSION CONTROLS. UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR COVER ANY PORTION OF THE EROSION CONTROL MEASURES WITH MATERIAL. MATERIAL THAT IS PLACED ON EROSION CONTROLS BY THE CONTRACTOR, OR ANY AGENT OF THE CONTRACTORS, SHALL BE IMMEDIATELY REMOVED BY THE CONTRACTOR AND NECESSARY REPAIRS TO THE EROSION CONTROLS ACCOMPLISHED.
- NO UNDISTurbed AREAS SHALL BE CLEARED OF EXISTING VEGETATION AFTER OCTOBER 15 OF ANY CALENDAR YEAR OR DURING ANY PERIOD, FULL OR LIMITED, WINTER SHUTDOWN. ALL DISTurbed SOILS EXPOSED PRIOR TO OCTOBER 15 OF ANY CALENDAR YEAR SHALL BE SEEDED OR PROTECTED BY THAT DATE. AREAS THAT DO NOT HAVE ADEQUATE VEGETATIVE STABILIZATION (AS DETERMINED BY MASSDOT OR ITS DESIGNATED AGENT) BY NOVEMBER 15 OF THAT CALENDAR YEAR MUST BE STABILIZED THROUGH THE USE OF EROSION CONTROL MATTING OR STRAW MULCH, IN ACCORDANCE WITH THE SPECIFICATIONS CONTAINED WITHIN THE MASSDOT SOIL EROSION AND SEDIMENT CONTROL HANDBOOK.
- ALL SEDIMENTATION AND EROSION CONTROL MEASURES SHALL BE REMOVED AT THE END OF THE PROJECT OR AS DIRECTED BY MASSDOT OR ITS DESIGNATED AGENT, AND LEGALLY DISPOSED OF AT AN OFF-SITE LOCATION BY THE CONTRACTOR.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO MAINTAIN ALL SOIL EROSION AND SEDIMENT CONTROLS ON THE PROJECT SITE FOR THE ENTIRE DURATION OF THE CONSTRUCTION PERIOD. THE CONTRACTOR SHALL FOLLOW THE DIRECTION OF THE DETAILS, SPECIFICATIONS, SHOP DRAWINGS, AND NOTICE OF INTENT WITH REGARD TO INSTALLATION, MAINTENANCE, AND REPAIR OF ALL SOIL EROSION AND SEDIMENTATION CONTROLS ON THE PROJECT SITE. TEMPORARY SOIL EROSION AND SEDIMENTATION CONTROLS (SILT SACK, AND COMPOST FILTER TUBES) SHALL BE MAINTAINED UNTIL ALL EXPOSED SOIL ARE SATISFACTORILY STABILIZED AS DIRECTED BY MASSDOT OR ENGINEER.
- UNVEGETATED AREAS SHALL NOT BE UNATTENDED OR EXPOSED FOR PERIODS IN EXCESS OF TWO (2) WEEKS, OR THROUGH THE WINTER SEASON. SUCH AREAS SHALL BE SEDED, UNLESS ACTIVITY IS TO RESUME WITHIN 21 DAYS.
- JUTE MESH OR APPROVED EQUAL SLOPE STABILIZATION MATERIAL SHALL BE USED TO STABILIZE PLANTABLE SOIL AND/OR LOAM IN ALL DITCHES, ON ALL

- SLOPES ADJACENT TO WETLANDS AND WETLAND PERIMETERS, AND ON ALL SLOPES WITHIN THE WATER QUALITY BASINS AND SWALES. JUTE MESH IN DITCHES SHALL EXTEND TO AN ELEVATION 2 FEET ABOVE THE BOTTOM OF THE DITCH.
- STABILIZATION OF ONE FORM OR ANOTHER AS DESCRIBED ABOVE SHALL BE ACHIEVED WITHIN TWO (2) WEEKS OF FINAL GRADING. ALL STRAW BALES, SILT FENCE, COMPOST FILTER TUBES AND TEMPORARY EROSION AND SEDIMENT PROTECTION SHALL REMAIN IN PLACE UNTIL AN ACCEPTABLE STAND OF GRASS IS ESTABLISHED.
- THE CONTRACTOR SHALL REPAIR AND/OR RESEED AREAS THAT DO NOT DEVELOP WITHIN THE PERIOD OF ONE YEAR, WHICH SHALL BE DONE AT NO ADDITIONAL EXPENSE TO MASSDOT.
- SOIL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE INSPECTED AT LEAST ONCE EVERY SEVEN CALENDAR DAYS AND WITHIN TWENTY FOUR HOURS AFTER AN EVENT WHICH GENERATES 0.25 INCHES OF RAIN IN A TWENTY FOUR HOUR PERIOD. MAINTENANCE SHALL INCLUDE CLEANOUT OF ACCUMULATED SEDIMENT BEHIND THE COMPOST FILTER TUBES, SILT FENCE AND STRAW BALES WHEN $\frac{1}{2}$ THE ORIGINAL HEIGHT OF THE COMPOST FILTER TUBES, SILT FENCE AND STRAW BALES BECOMES FILLED WITH SEDIMENT SILT SACKS SHALL BE EMPTIED AND CLEANED WHEN THEY ARE HALF WAY FULL WHEN RESTRAINT CORD IS NO LONGER VISIBLE.
- AREAS HAVING SLOPES GREATER THAN OR EQUAL TO 3:1 SHALL BE STABILIZED WITH EROSION CONTROL MAT OR BLANKET BY COMBINATION WITH SEEDING, AS INDICATED ON THE DRAWINGS. SEEDING ON ALL SLOPES 4:1 OR STEEPER SHALL CONSIST OF TYPE I SEEDING ENHANCED WITH ADHESIVE MULCH STABILIZER, UNLESS OTHERWISE DIRECTED BY MASSDOT OR ITS DESIGNATED AGENT.
- STORMWATER MANAGEMENT PERMIT APPLICANT: MASSDOT CERTIFIED PROFESSIONAL IN EROSION AND SEDIMENT CONTROL CONTACT TBD BASED ON AWARD OF CONSTRUCTION.
- THE ANTICIPATED SEQUENCE OF CONSTRUCTION PROCEEDS AS FOLLOWS:
 - INSTALL TRAFFIC MANAGEMENT SIGNAGE.
 - INSTALL EROSION AND SEDIMENT CONTROL (E&S) MEASURES AS INDICATED ON THE CONSTRUCTION PLAN AND DETAIL SHEET. E&S MEASURES INCLUDE SILT SACK, SILT FENCE AND COMPOST FILTER TUBES. ADDITIONAL E&S SHALL BE ADDED, AS NECESSARY, TO PROTECT ADJACENT DOWNGRADIENT AREAS AND WETLAND RESOURCE AREAS.
 - EXCAVATE AREA FOR FULL DEPTH PAVEMENT AREAS AND SHARED USE PATH.
 - CONSTRUCT WATER QUALITY BASIN AND SWALE.
 - EXCAVATE AND INSTALL CATCH BASINS, MANHOLES AND CONNECTING PIPES. CONVERT EXISTING CATCH BASIN TO MANHOLES AND REMOVE AND DISPOSE STRUCTURES AS NOTED ON THE PLANS.
 - EXCAVATE AND INSTALL SEWER. REMOVE AND DISPOSE STRUCTURES AS NOTED ON THE PLANS.
 - INSTALL SIGNAL CONDUITS.
 - PLACE SUBGRADE FOR FULL DEPTH PAVEMENT AREAS.
 - PLACE HOT MIX ASPHALT BINDER COURSE FOR PAVEMENT, MILL OTHER EXISTING PAVEMENT AREAS WITHIN LIMIT OF WORK.
 - INSTALL CURBING.
 - GRADE DISTURBED AREAS TO FINISH GRADE, PLACE TOPSOIL AND SEED.
 - PLACE HOT MIX ASPHALT TOP COURSE FOR PAVEMENT IN FULL DEPTH AREAS AND MILLED AREAS.
 - INSTALL PAVEMENT MARKINGS & SIGNAL EQUIPMENT.
 - PLANT, SEED, AND STABILIZE DISTURBED SOIL SURFACES.
 - CLEAN CATCH BASINS AND INFILTRATION BASIN OF ANY COLLECTED SEDIMENT OR DEBRIS, DISPOSE OF PROPERLY.
 - REMOVE SEDIMENTATION CONTROLS ONCE ALL DISTURBED AREAS HAVE BEEN FINALLY STABILIZED AND HEALTHY VEGETATION HAS BEEN ESTABLISHED.

TREE PRESERVATION NOTES

- TREES WITHIN THE LIMITS OF GRADING SHALL NOT BE REMOVED UNLESS APPROVED BY MASSDOT OR ITS DESIGNATED AGENT.
- PRIOR TO CONSTRUCTION, PROTECT TREES WITHIN THE LIMITS OF WORK IN ACCORDANCE WITH DETAIL.
- PRIOR TO CONSTRUCTION, DETERMINE REQUIRED CLEARANCES AND PRUNE TREES.
- BRANCHES OR LIMBS DAMAGED DURING CONSTRUCTION SHALL BE CUT BACK TO THE TRUNK OF A LATERAL BRANCH. SEE GENERAL NOTE #4
- CONTRACTOR SHALL PROHIBIT EXCAVATION ACTIVITIES INSIDE LIMITS OF THE TREE CANOPY.
- ROOTS LARGER THAN 1.5" IN DIAMETER ENCOUNTERED IN EXCAVATIONS SHALL

- BE CUT OFF SQUARELY USING A SHARP ARBORIST SAW.
- MANTAIN STORAGE OF EQUIPMENT AND MATERIALS A DISTANCE OF AT LEAST TWO (2) TIMES THE DISTANCE OF THE RADIUS OF THE TREE CANOPY.
- STRIP AND SEGREGATE TOPSOIL PRIOR TO EXCAVATING IN UNPAVED AREAS. FOLLOWING BACKFILL OPERATIONS PLACE TOPSOIL BACK IN THE APPROPRIATE PLACE WITHOUT COMPACTION AND VERTICALLY MULCH ROOT SYSTEM. NO AMENDMENTS SHALL BE ADDED.
- IMMEDIATELY FOLLOWING BACKFILL OPERATIONS PROVIDE DEEP WATERING OF THE ROOT SYSTEM, APPLICATION OF FERTILIZER, AND VERTICAL MULCHING.

LANDSCAPING NOTES

- TOPSOIL USED AS PLANTABLE SOIL SHALL HAVE A SANDY LOAM TEXTURE RELATIVELY FREE OF SUBSOIL MATERIAL, STONES, ROOTS, LUMPS OF SOIL, TREE LIMBS, TRASH OR CONSTRUCTION DEBRIS.
- UNLESS SPECIFICALLY INSTRUCTED, ALL LANDSCAPING WORK SHALL BE PERFORMED WITHIN RIGHT-OF-WAY OR WITHIN TEMPORARY CONSTRUCTION EASEMENTS; NO WORK SHALL BE PERFORMED ON PRIVATE PROPERTY WITHOUT THE PRIOR EXPRESS AUTHORIZATION OF MASSDOT.
- ALTERATION OR REMOVAL OF EXISTING VEGETATION WITHIN OR CLOSE TO TOWN RIGHT-OF-WAYS SHALL BE AVOIDED TO THE EXTENT POSSIBLE, AND WHEN REQUIRED, SHALL BE LIMITED TO ONLY THAT WHICH IS NECESSARY TO COMPLETE THE REQUIRED WORK. ALL SUCH WORK SHALL BE PERFORMED BY QUALIFIED PERSONNEL IN A NEAT AND PROFESSIONAL MATTER.
- ALTERATIONS TO EXISTING VEGETATION (TRIMMING, LIMBING, TRANSPLANTING, ETC.) SHALL BE MADE IN A MANNER THAT MINIMIZES THE DAMAGE TO THE VEGETATION AND MAXIMIZES ITS CHANCE FOR SURVIVAL. PROFESSIONAL LANDSCAPING OR TREE TRIMMING SERVICES SHALL BE EMPLOYED FOR SUCH WORK AT THE DIRECTION OF THE TOWN OR ITS DESIGNATED AGENT.

MAINTENANCE AND PROTECTION OF TRAFFIC NOTES

- ALL EXISTING TRAVEL LANES SHALL BE OPEN TO TRAFFIC WHENEVER CONSTRUCTION IS NOT TAKING PLACE. SAFE ACCESS AND EGRESS TO DRIVEWAYS AND SIDE STREETS SHALL BE MAINTAINED AT ALL TIMES, EXCEPT AS PREVIOUSLY APPROVED BY THE ENGINEER.
- CONTRACTOR IS RESPONSIBLE FOR MAINTAINING AT LEAST ONE ACCESS POINT TO ALL BUILDINGS DURING CONSTRUCTION.
- PEDESTRIANS SHALL BE CONSIDERED IN ALL MAINTENANCE AND PROTECTION OF TRAFFIC SETUPS. THE CONTRACTOR SHALL PROVIDE TEMPORARY ACCESS ROUTES/RAMPS THROUGH CONSTRUCTION AREAS TO ENSURE ACCESS. THE TEMPORARY PEDESTRIAN ACCESS SHALL BE DETECTABLE AND INCLUDE ACCESSIBILITY FEATURES CONSISTENT WITH THE EXISTING REQUIREMENTS THROUGH WORK ZONES. THE CONTRACTOR MUST PROVIDE FOR PEDESTRIANS TO SAFELY GUIDE THEM AWAY FROM BROKEN AND UNEVEN PAVEMENT, OPEN EXCAVATIONS, DROP-OFFS, CONSTRUCTION OPERATIONS, AND OTHER HAZARDS AT ALL TIMES. TEMPORARY CURB RAMPS SHALL BE PROVIDED FOR SIDEWALK DIVERSIONS WHERE NECESSARY. THERE SHALL BE NO ADDITIONAL COMPENSATION FOR THE PROVISION OF PEDESTRIAN WAYS. ALL COSTS SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.

PEDESTRIAN ACCESSIBILITY NOTES

- ACCORDING TO THE MASSDOT STANDARD SPECIFICATIONS, THE SUBGRADE FOR THE SIDEWALKS, RAMPS, AND DRIVEWAYS SHALL BE SHAPED PARALLEL TO THE PROPOSED SURFACES OF THE WALKS, RAMPS, AND DRIVEWAYS AND THOROUGHLY COMPACTED. ALL DEPRESSIONS OCCURRING SHALL BE FILLED WITH SUITABLE MATERIAL AND AGAIN COMPACTED UNTIL THE SURFACE IS SMOOTH AND HARD.
- THE FOUNDATION SHALL BE AT LEAST 8 INCHES IN THICKNESS AND PARALLEL TO THE PROPOSED SURFACE OF THE WALK.
- CONTRACTOR SHALL NOTE THAT THE CITED ACCESSIBILITY REQUIREMENTS ALLOW NO TOLERANCE FOR SLOPES GREATER THAN THE MAXIMUM SLOPE.
- WALKWAYS SHALL HAVE CONTINUOUS COMMON SURFACE, NOT INTERRUPTED BY STEPS OR CHANGES IN LEVEL GREATER THAN $\frac{1}{4}$ INCH.
- THE CURB RAMPS SLOPES AND SIDE SLOPES (TRANSITIONS) WILL BE 7.5% WITH A CONSTRUCTION TOLERANCE OF 0.5% \pm . HOWEVER, THESE SLOPES MAY BE FLATTER WHEN WARRANTED BY SURROUNDING CONDITIONS.

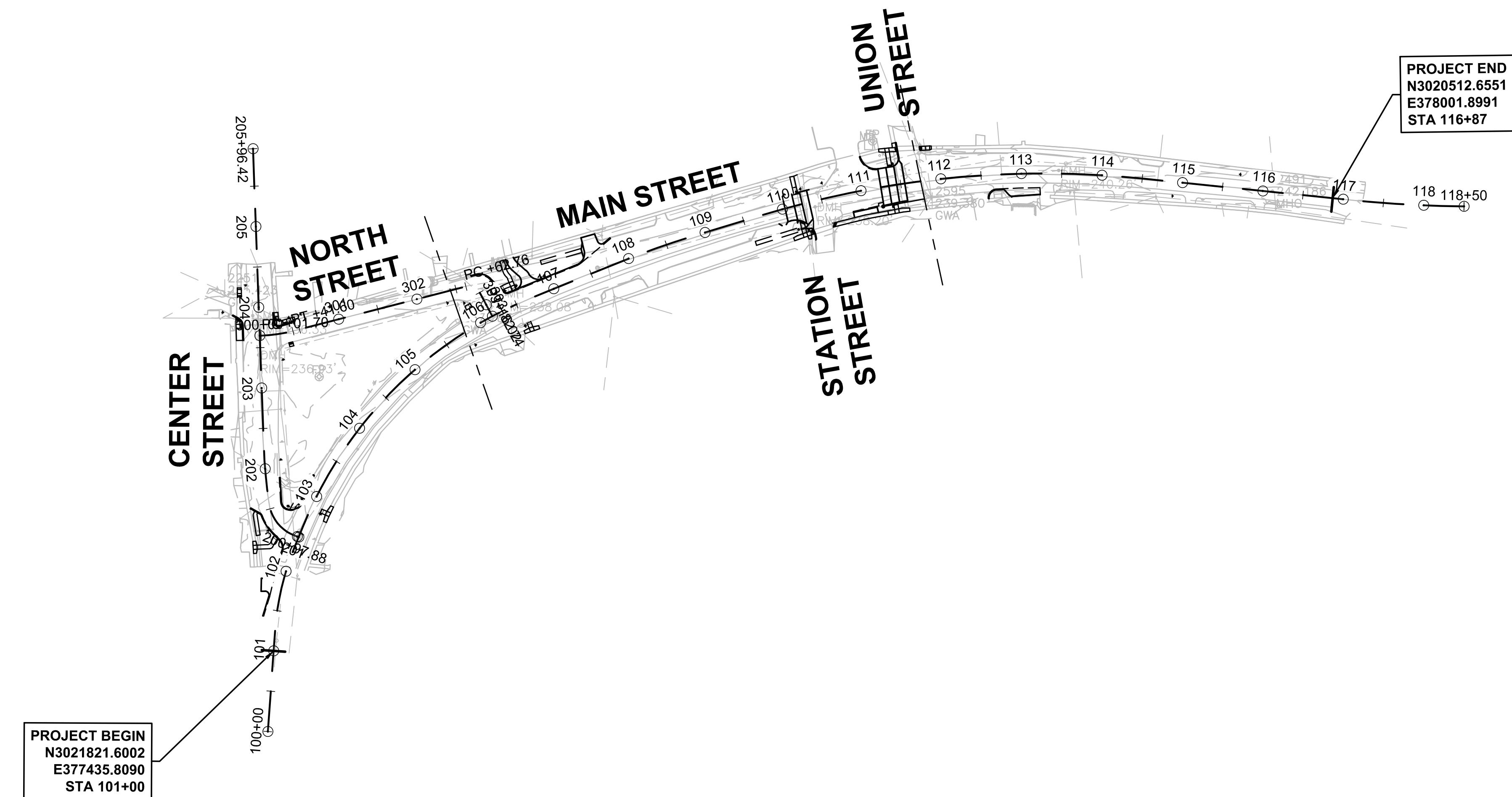


PROJECT #: 312671-01-002
DATE: 12/11/2025
DESIGNER: NAV
DRAFTER: NAV
REVIEWER: PMF

Bowman
20 WINTHROP SQ
3RD FLOOR
350 MYLES STANDISH BLVD
SUITE 103
TAUNTON, MA 02710
TELE: (508) 823-2245
FAX: (617) 556-0025
24 ALBION RD
SUITE 310
LINCOLN, RI 02865
TELE: (401) 648-7200
94 NORTH ELM STREET
SUITE 210
WESTFIELD, MA
TELE: (413) 875-8855

GENERAL NOTES		
COMPLETE STREETS IMPROVEMENTS		
MAIN STREET		
MONTAGUE, MASSACHUSETTS		
4	15	
REV #	DATE	
SHEET #	TOTAL SHEETS	

N

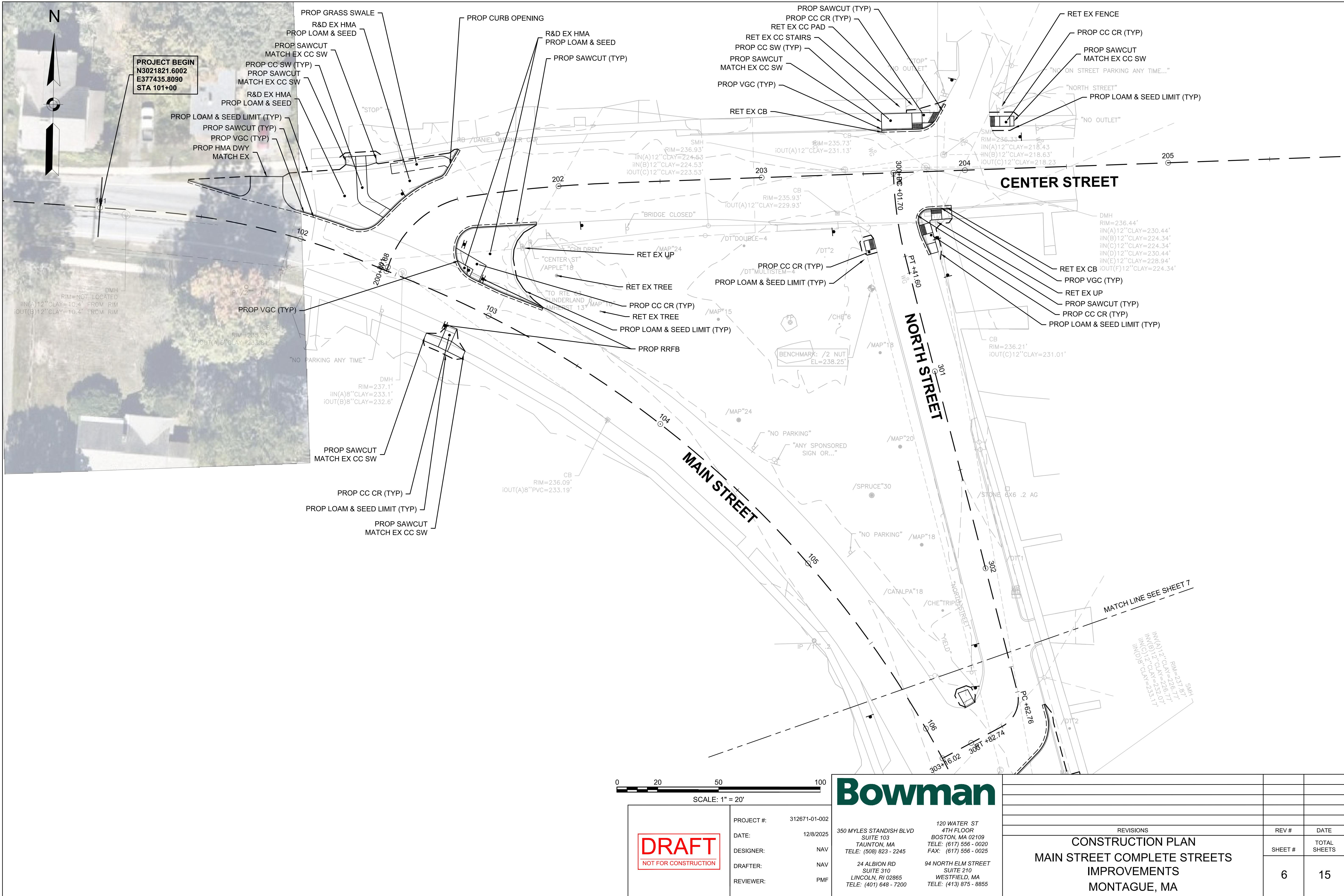


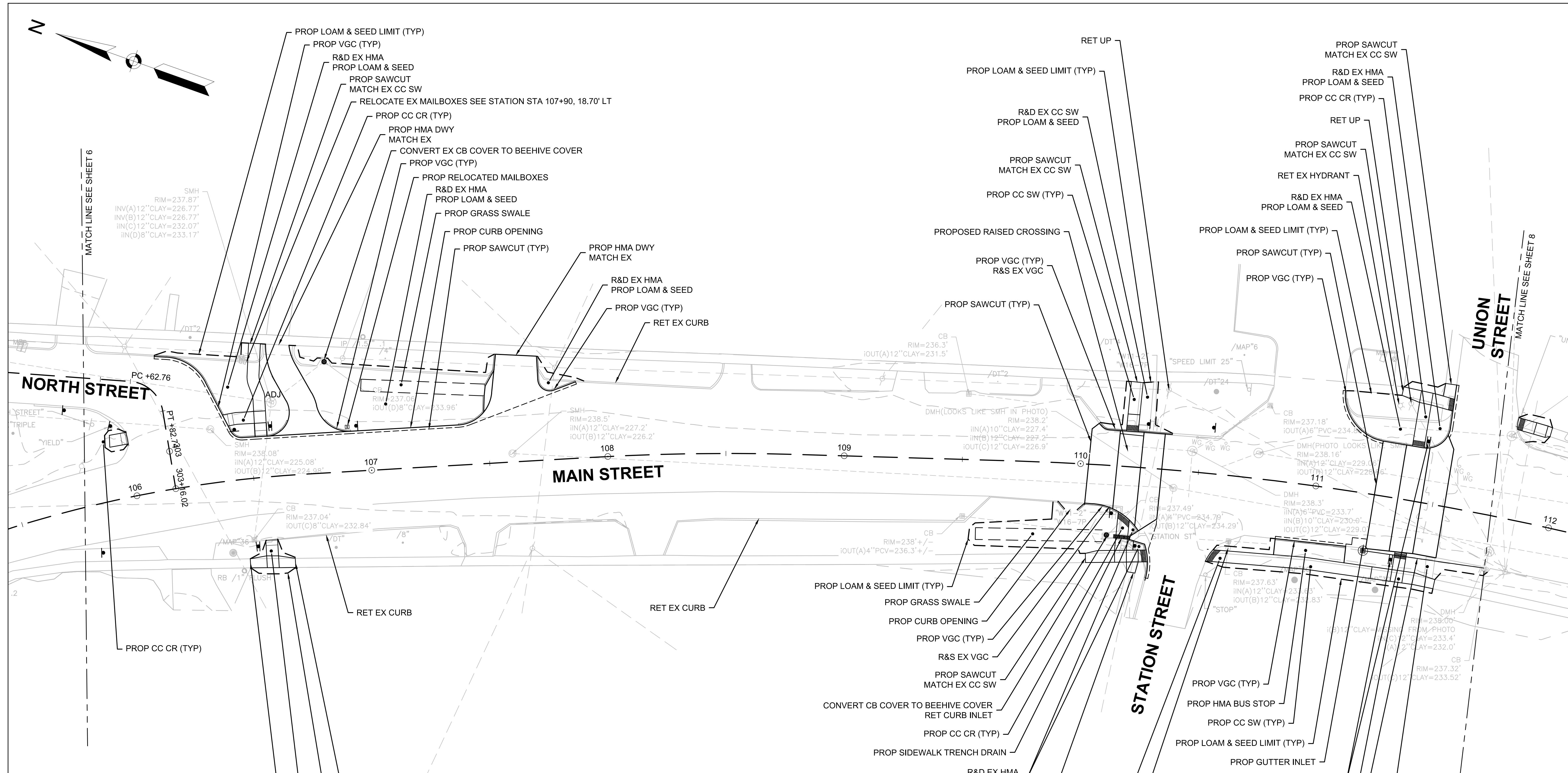
0 100 200 300 400
SCALE: 1" = 100'

DRAFT
NOT FOR CONSTRUCTION

PROJECT #: 312671-01-002
DATE: 12/8/2025
DESIGNER: NAV
DRAFTER: NAV
REVIEWER: PMF

Bowman			
350 MYLES STANDISH BLVD SUITE 103 TAUNTON, MA TELE: (508) 823-2245	120 WATER ST 4TH FLOOR BOSTON, MA 02109 TELE: (617) 556-0020 FAX: (617) 556-0025		
24 ALBION RD SUITE 310 LINCOLN, RI 02865 TELE: (401) 648-7200	94 NORTH ELM STREET SUITE 210 WESTFIELD, MA TELE: (413) 875-8855		
KEY PLAN MAIN STREET COMPLETE STREETS IMPROVEMENTS MAIN STREET, MASSACHUSETTS		REV #	DATE
		SHEET #	TOTAL SHEETS
		5	15





0 20 50 100
SCALE: 1" = 20'

DRAFT
NOT FOR CONSTRUCTION

Bowman

PROJECT #: 312671-01-002
DATE: 12/8/2025
DESIGNER: NAV
DRAFTER: NAV
REVIEWER: PMF

350 MYLES STANDISH BLVD
SUITE 103
TAUNTON, MA
TELE: (508) 823-2245

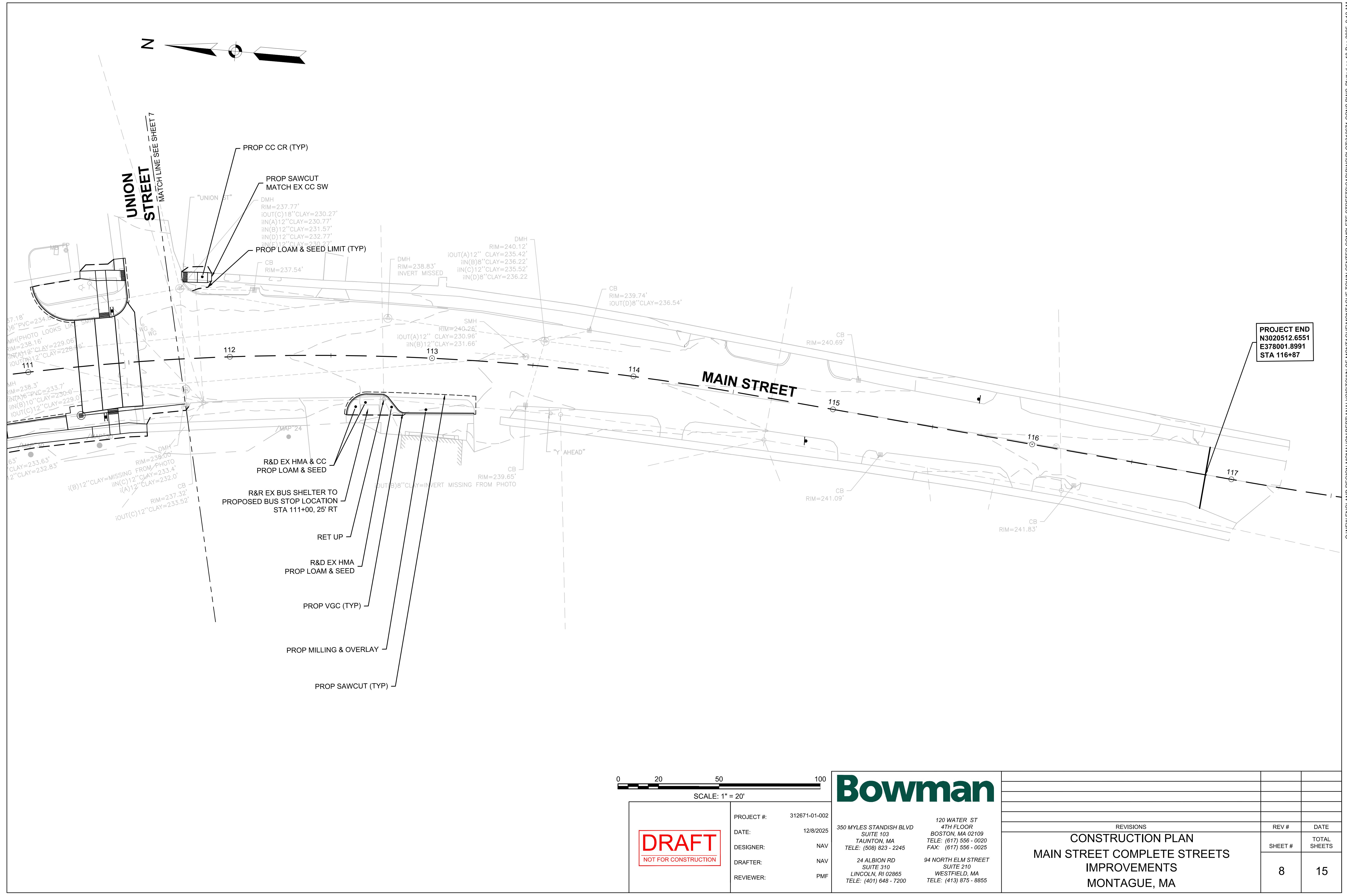
24 ALBION RD
SUITE 310
LINCOLN, RI 02865
TELE: (401) 648-7200

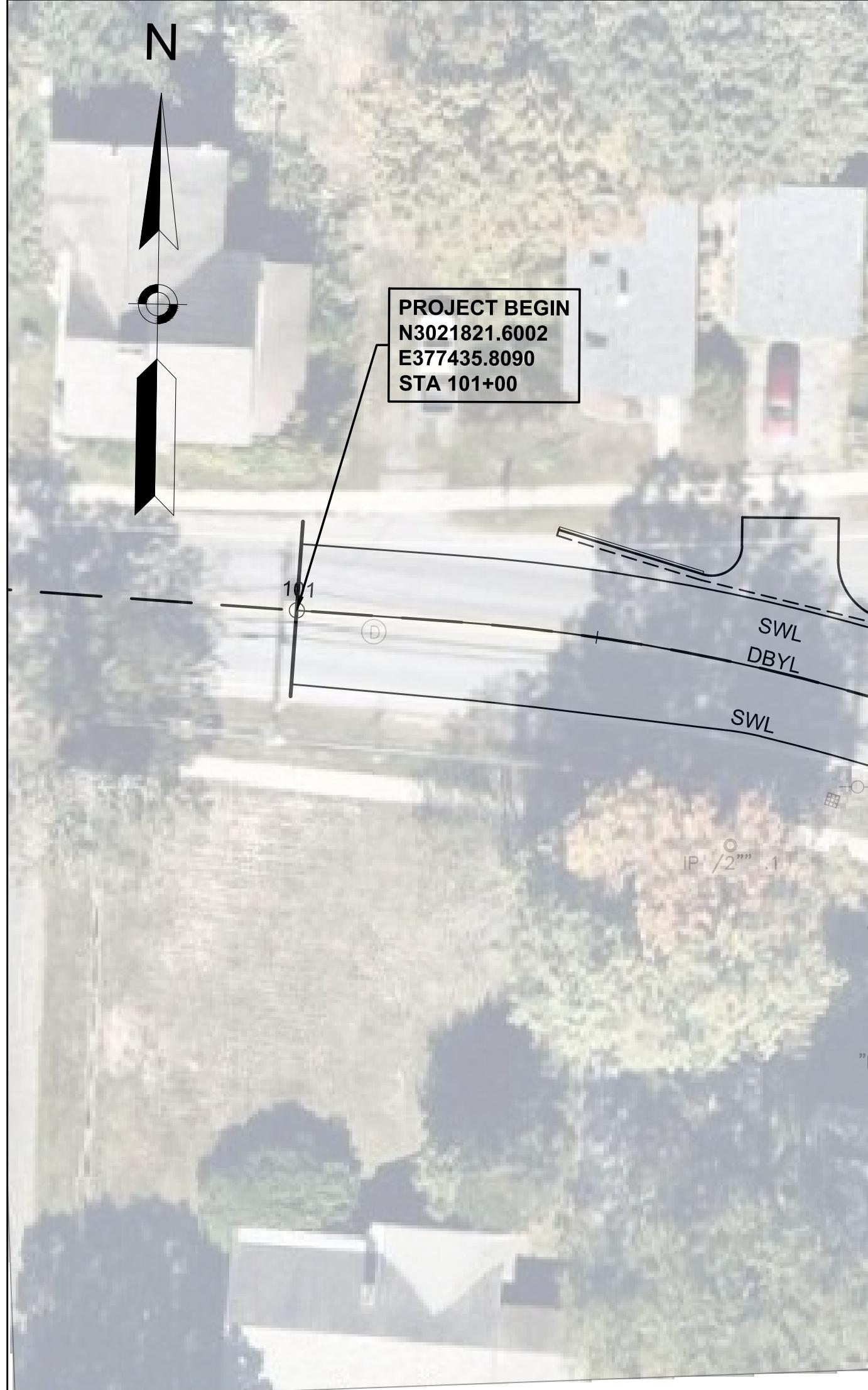
120 WATER ST
4TH FLOOR
BOSTON, MA 02109
TELE: (617) 556-0020
FAX: (617) 556-0025

94 NORTH ELM STREET
SUITE 210
WESTFIELD, MA
TELE: (413) 875-8855

REVISIONS
CONSTRUCTION PLAN
MAIN STREET COMPLETE STREETS
IMPROVEMENTS
MONTAGUE, MA

REV #	DATE
7	15





PROJECT BEGI
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STA 101+00

CENTER STREET

NORTH STRIKE

MAIN STREET

P
W
W
R

A horizontal scale bar with tick marks at 0, 20, and 50. The scale bar is a thick black line with white tick marks and labels. The labels are '0', '20', and '50' positioned above the scale bar.

DRAFT
NOT FOR CONSTRUCTION

DRAFT

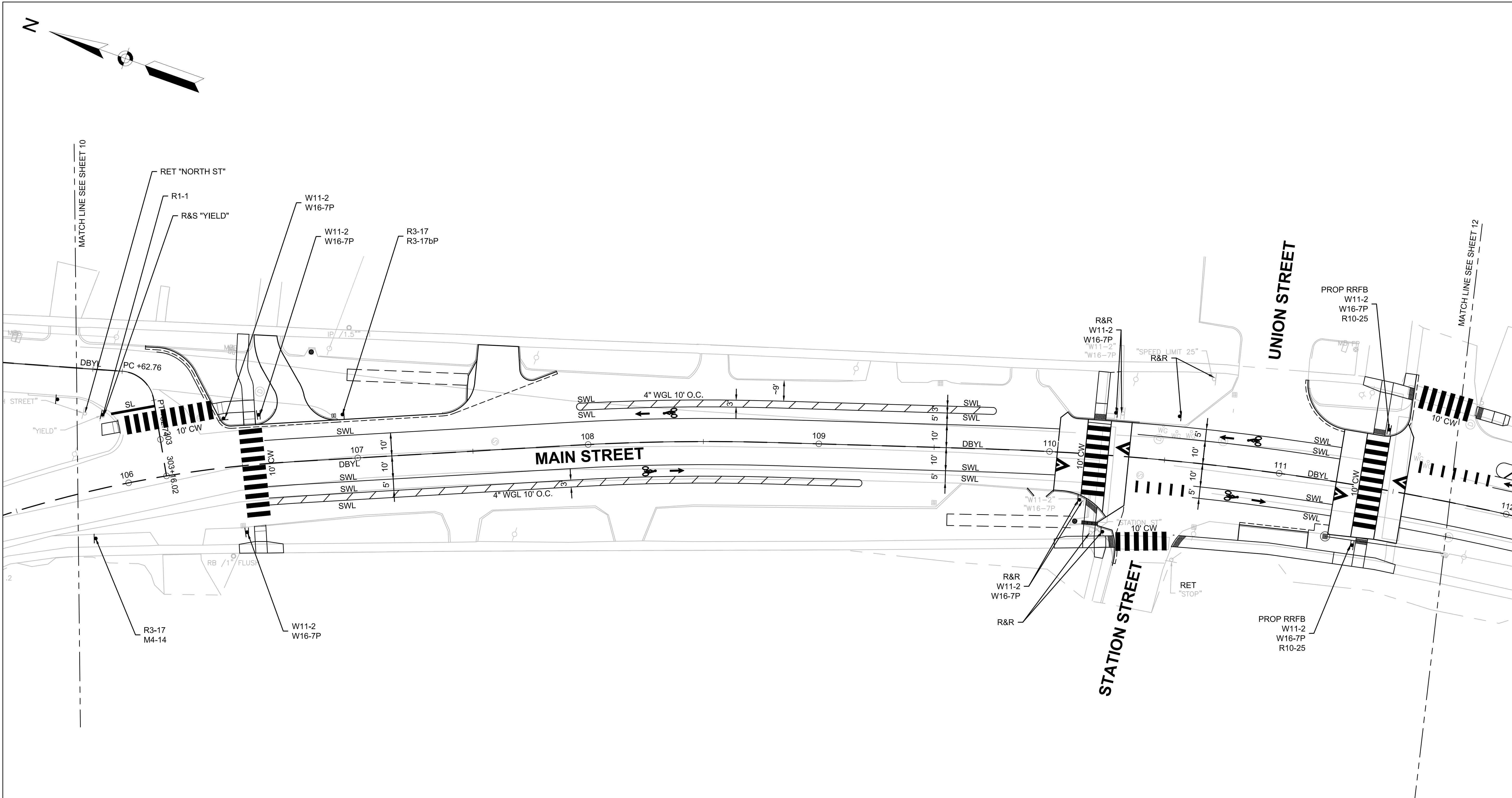
NOT FOR CONSTRUCTION

Bowman

312671-01-002			120 WATER ST 4TH FLOOR BOSTON, MA 02109
12/8/2025	350 MYLES STANDISH BLVD SUITE 103 TAUNTON, MA TELE: (508) 823 - 2245		TELE: (617) 556 - 0020 FAX: (617) 556 - 0025
NAV			
NAV	24 ALBION RD SUITE 310	94 NORTH ELM STREET SUITE 210	
PMF	LINCOLN, RI 02865 TELE: (401) 648 - 7200	WESTFIELD, MA TELE: (413) 875 - 8855	

REVISIONS

SCALE: 1" =



0 20 50 100
SCALE: 1" = 20'

DRAFT
NOT FOR CONSTRUCTION

Bowman

PROJECT #: 312671-01-002
DATE: 12/8/2025
DESIGNER: NAV
DRAFTER: NAV
REVIEWER: PMF

350 MYLES STANDISH BLVD
SUITE 103
TAUNTON, MA
TELE: (508) 823-2245

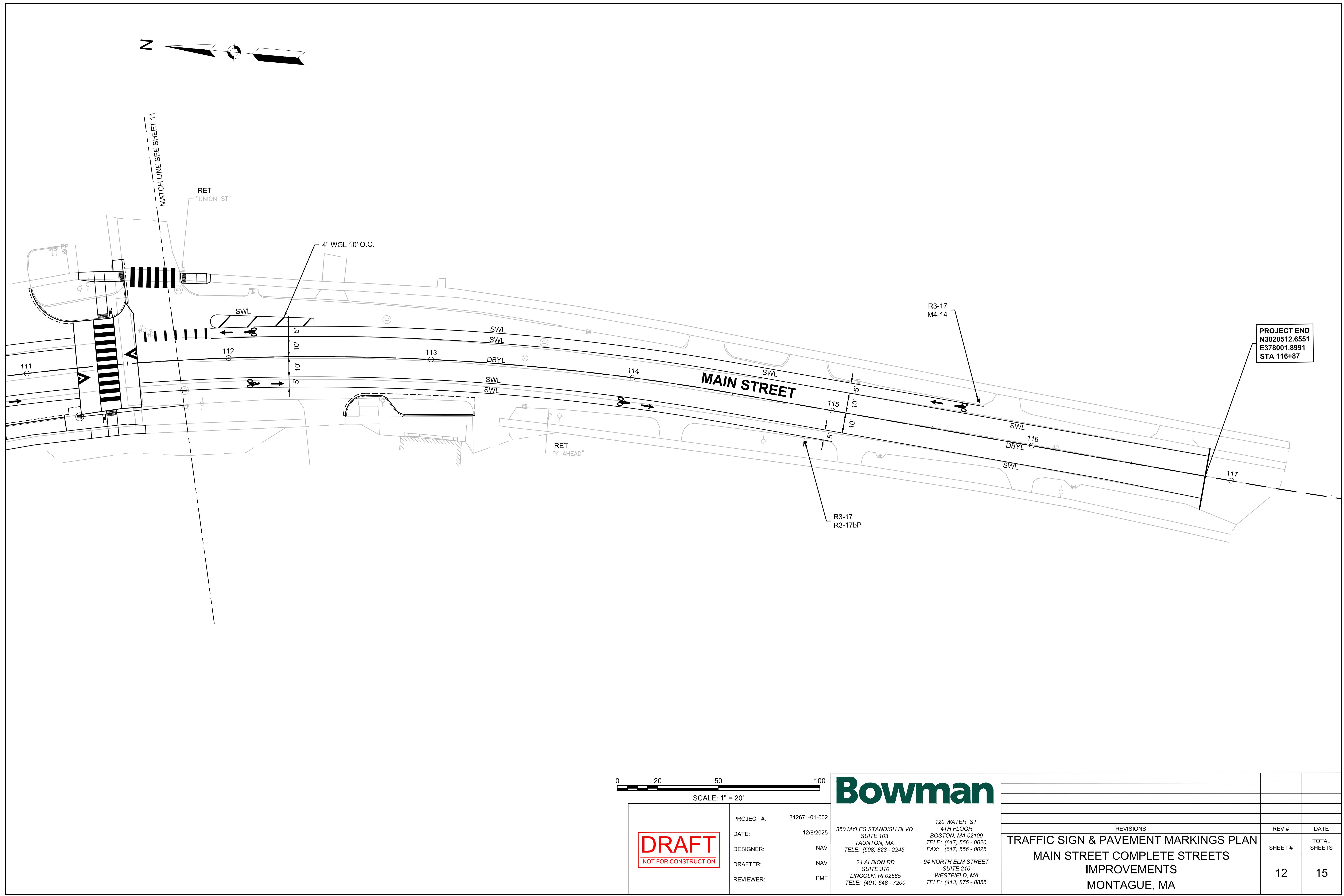
24 ALBION RD
SUITE 310
LINCOLN, RI 02865
TELE: (401) 648-7200

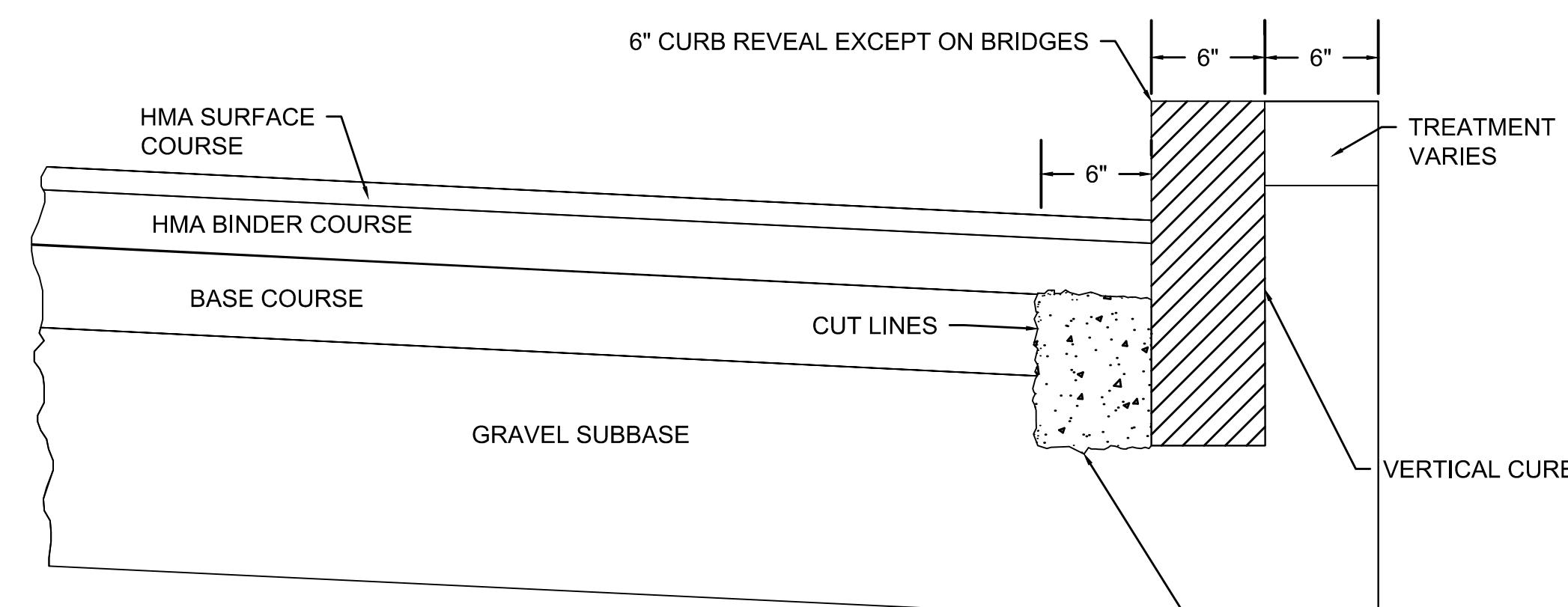
120 WATER ST
4TH FLOOR
BOSTON, MA 02109
TELE: (617) 556-0020
FAX: (617) 556-0025

94 NORTH ELM STREET
SUITE 210
WESTFIELD, MA
TELE: (413) 875-8855

REVISIONS
TRAFFIC SIGN & PAVEMENT MARKINGS PLAN
MAIN STREET COMPLETE STREETS
IMPROVEMENTS
MONTAGUE, MA

REV #	DATE
11	15



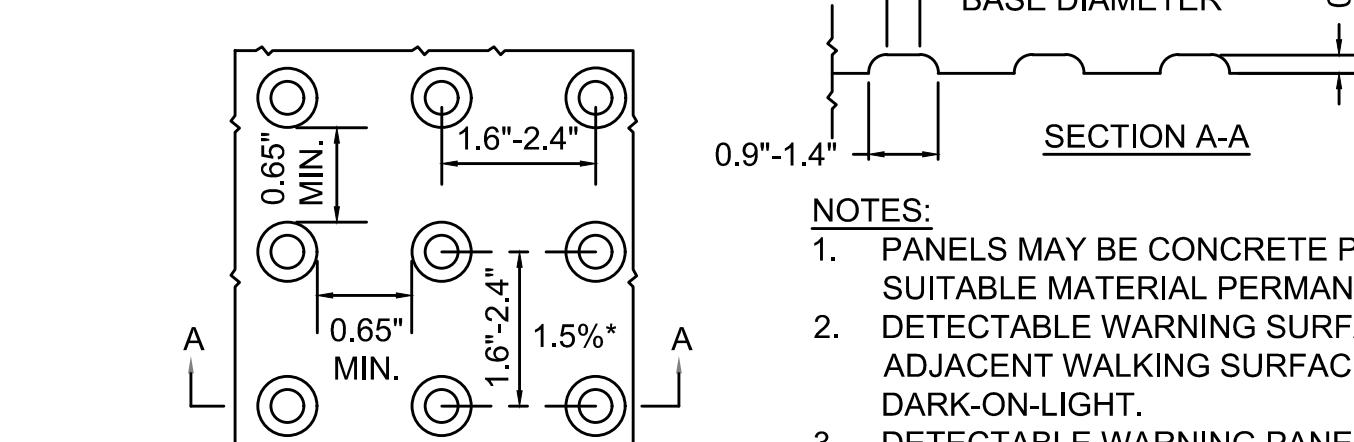
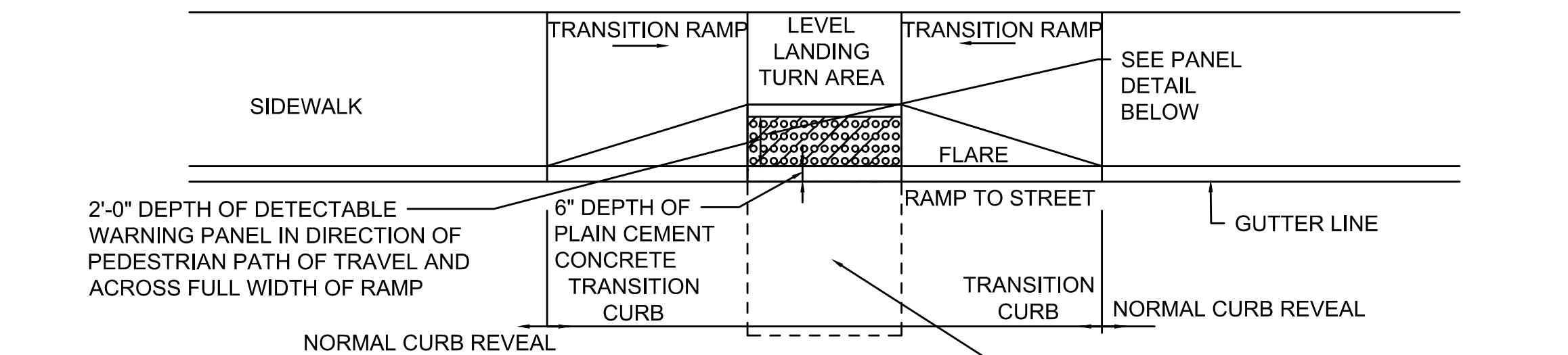


NOTES:

1. THIS PROCEDURE IS APPLICABLE ONLY IF CURB IS TO BE SET AFTER COURSE IS IN PLACE PRIOR TO BINDER AND TOP PLACEMENT.
2. CUT NEAT LINE 6" FROM CURB LINE AND REMOVE BASE AND GRAVEL. REPLACE WITH CEMENT CONCRETE.
3. ANY DESIGNATED CEMENT CONCRETE THAT IS ACCEPTABLE UNDER SECTION M4 OF THE STANDARD SPECIFICATIONS MAY BE USED. ALL THESE REQUIREMENTS ARE WAIVED. HOT MIX ASPHALT SHALL NOT BE USED AS SUBSTITUTE.

METHOD OF SETTING VERTICAL CURB

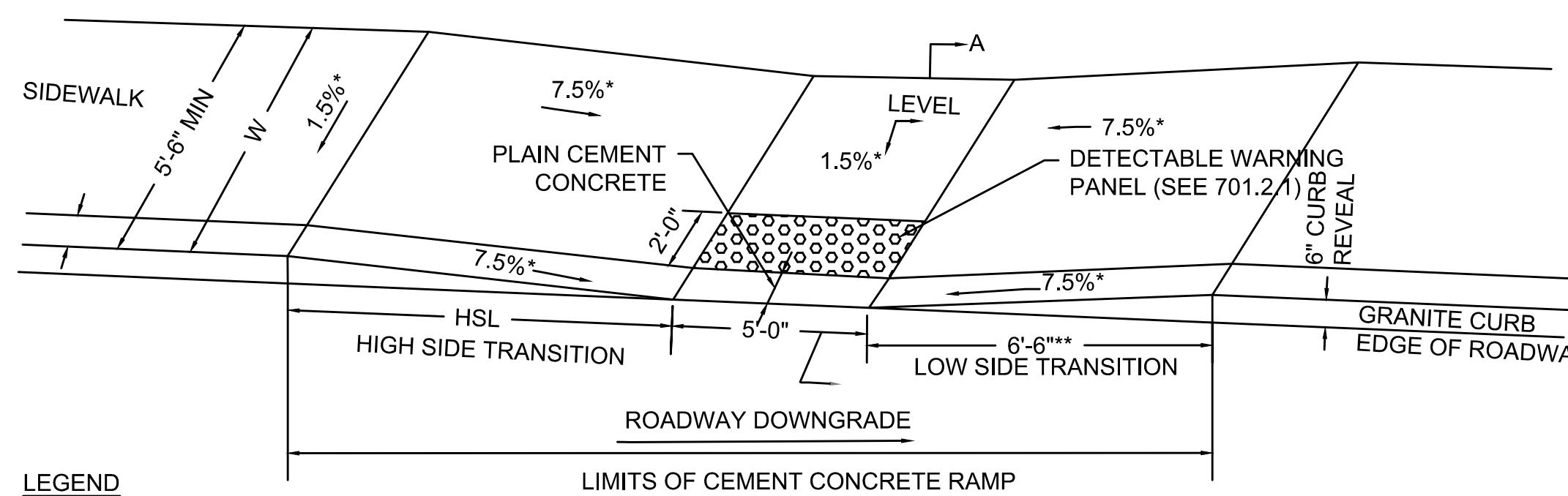
MASSDOT STANDARD E 501.0.1
NOT TO SCALE



DETAIL OF DETECTABLE WARNING PANEL

DETECTABLE WARNING PANEL FOR PEDESTRIAN CURB
RAMPS AND STANDARD RAMP TERMINOLOGY

MASSDOT STANDARD E 701.2.1 NOT TO SCALE



LEGEND

LIMITS OF CEMENT CONCRETE RAMP
HSL = HIGH SIDE TRANSITION LENGTH (SEE 701.2.8)

W = SIDEWALK WIDTH

Wc = CURB WIDTH

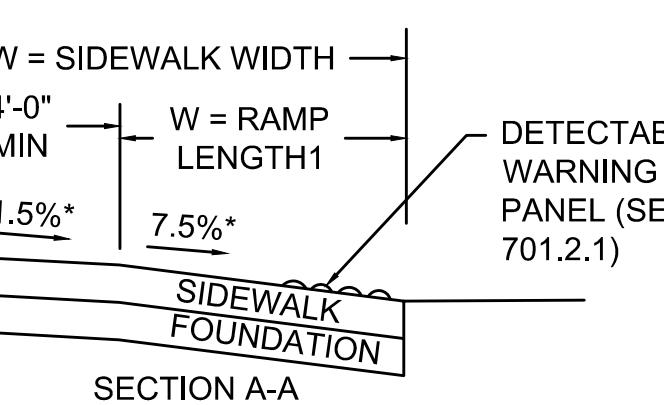
CC = CEMENT CONCRETE

* = TOLERANCE FOR CONSTRUCTION=0.5%

** = TRANSITION LENGTH SHOWN IS MINIMUM

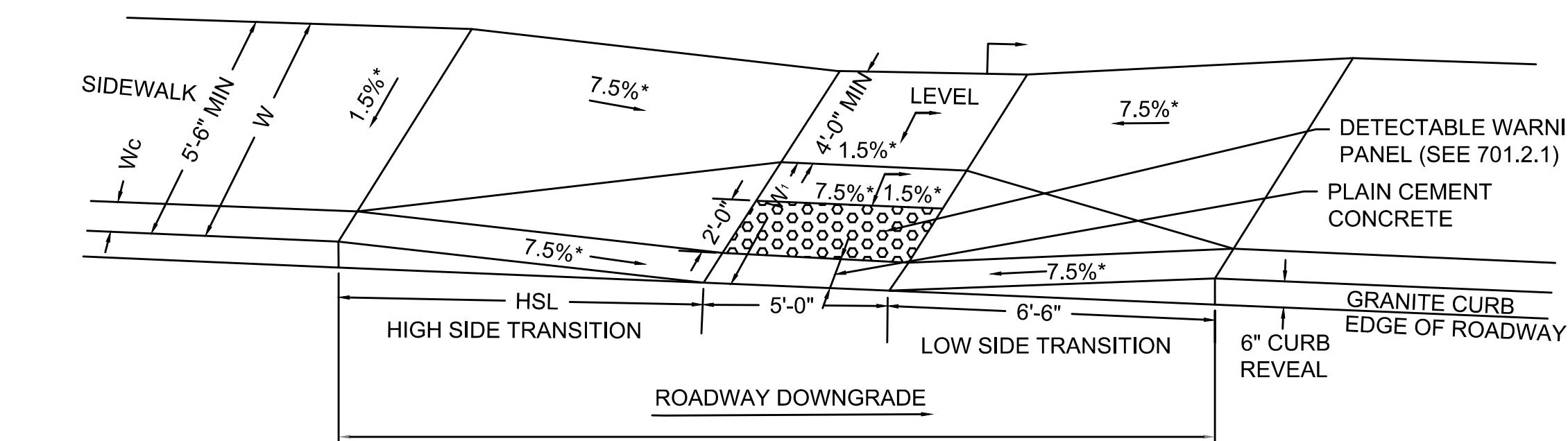
NOTES:

1. LEVEL LANDING AND RAMP MUST BE CLEAR OF ANY OBSTRUCTIONS.
2. DETECTABLE WARNING PANEL MUST BE 2' AT ALL POINTS IN PEDESTRIAN PATH OF TRAVEL.
3. PEDESTRIAN PATH OF TRAVEL SHALL BE NO LESS THAN 4'-0" WIDE AND FREE OF VERTICAL OBSTRUCTIONS (FOR ALL CONSTRAINED CONDITIONS).
4. ALL SLOPE VALUES LISTED HERE ARE MAXIMUM VALUES WITH A CONSTRUCTION TOLERANCE OF $\pm 0.5\%$.
5. USABLE SIDEWALK WIDTH = W-Wc



PEDESTRIAN CURB RAMP IN CONSTRAINED
CONDITION WITH DETECTABLE WARNING PANELS

MASSDOT STANDARD E 701.2.2 NOT TO SCALE



LEGEND

LIMITS OF CEMENT CONCRETE RAMP
HSL = HIGH SIDE TRANSITION LENGTH (SEE 701.2.8)

W = SIDEWALK WIDTH

Wc = CURB WIDTH

W1 = PERPENDICULAR RAMP LENGTH

CC = CEMENT CONCRETE

* = TOLERANCE FOR CONSTRUCTION=0.5% \pm

** = TRANSITION LENGTH SHOWN IS MINIMUM

NOTES:

1. LEVEL LANDING AND RAMP MUST BE CLEAR OF ANY OBSTRUCTIONS.
2. DETECTABLE WARNING PANEL MUST BE 2' AT ALL POINTS IN PEDESTRIAN PATH OF TRAVEL.
3. PEDESTRIAN PATH OF TRAVEL SHALL BE NO LESS THAN 4'-0" WIDE AND FREE OF VERTICAL OBSTRUCTIONS (FOR ALL CONSTRAINED CONDITIONS).
4. ALL SLOPE VALUES LISTED HERE ARE MAXIMUM VALUES WITH A CONSTRUCTION TOLERANCE OF $\pm 0.5\%$.
5. USABLE SIDEWALK WIDTH = W-Wc

PEDESTRIAN CURB RAMP
LESS THAN 12'-4" SIDEWALK

MASSDOT STANDARD E 701.2.3 NOT TO
SCALE

DRAFT
NOT FOR CONSTRUCTION

PROJECT #: 312671-01-002
DATE: 12/11/2025
DESIGNER: NAV
DRAFTER: NAV
REVIEWER: PMF

Bowman

20 WINTHROP SQ
3RD FLOOR
BOSTON, MA 02109
TELE: (617) 556 - 0020
FAX: (617) 556 - 0025
350 MYLES STANDISH BLVD
SUITE 103
TAUNTON, MA
TELE: (508) 823 - 2245
24 ALBION RD
SUITE 310
LINCOLN, RI 02865
TELE: (401) 648 - 7200
94 NORTH ELM STREET
SUITE 210
WESTFIELD, MA
TELE: (413) 875 - 8855

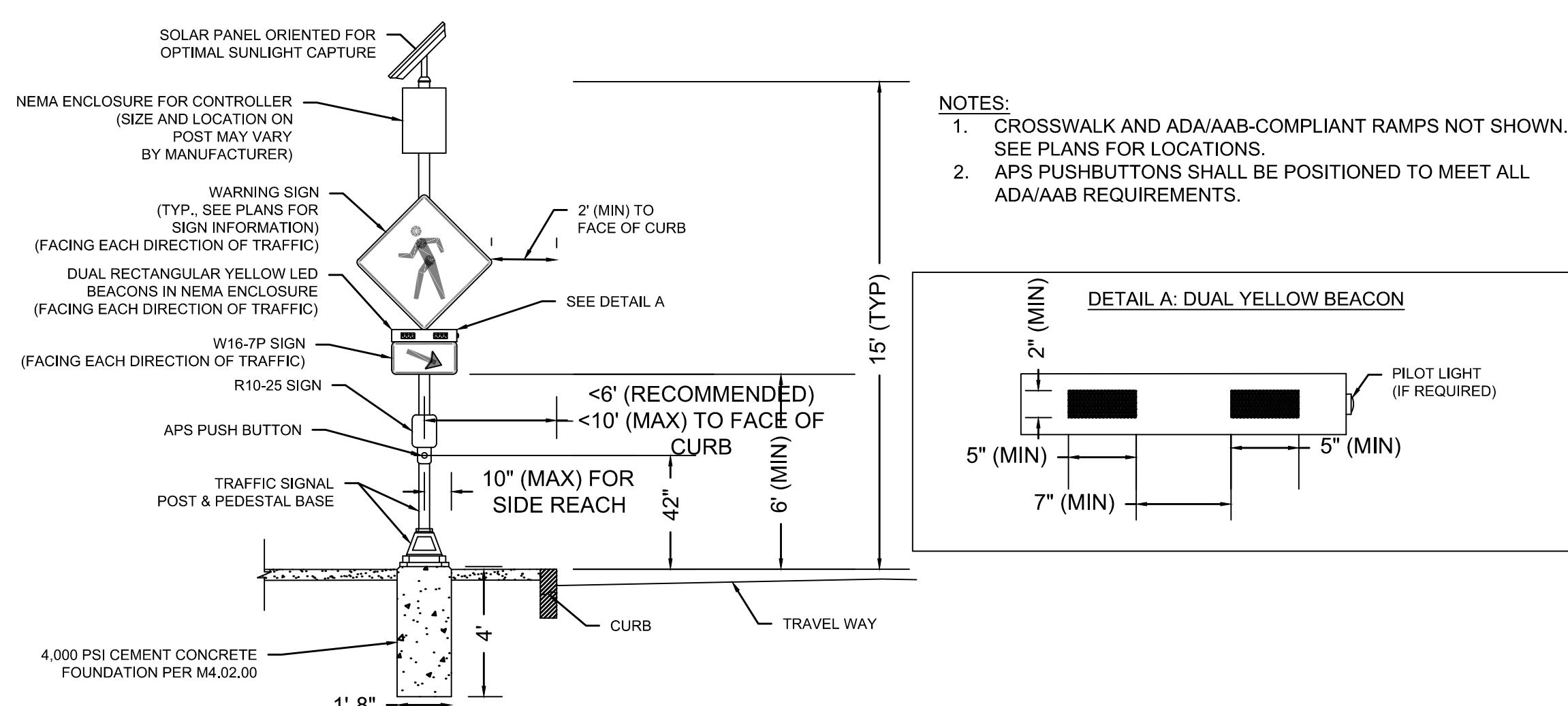
CONSTRUCTION DETAILS		REV #	DATE
COMPLETE STREETS IMPROVEMENTS			
MAIN STREET	MONTAGUE, MASSACHUSETTS	14	15

ROADWAY PROFILE GRADE	* HIGH SIDE TRANSITION LENGTH
%	ENGLISH UNITS
= 0 %	6'-6"
> 0% TO 1%	7'-8"
>1% TO 2%	9'-0"
>2% TO 3%	11'-0"
>3% TO 4%	14'-0"
>4% TO 5%	15'-0" MAX

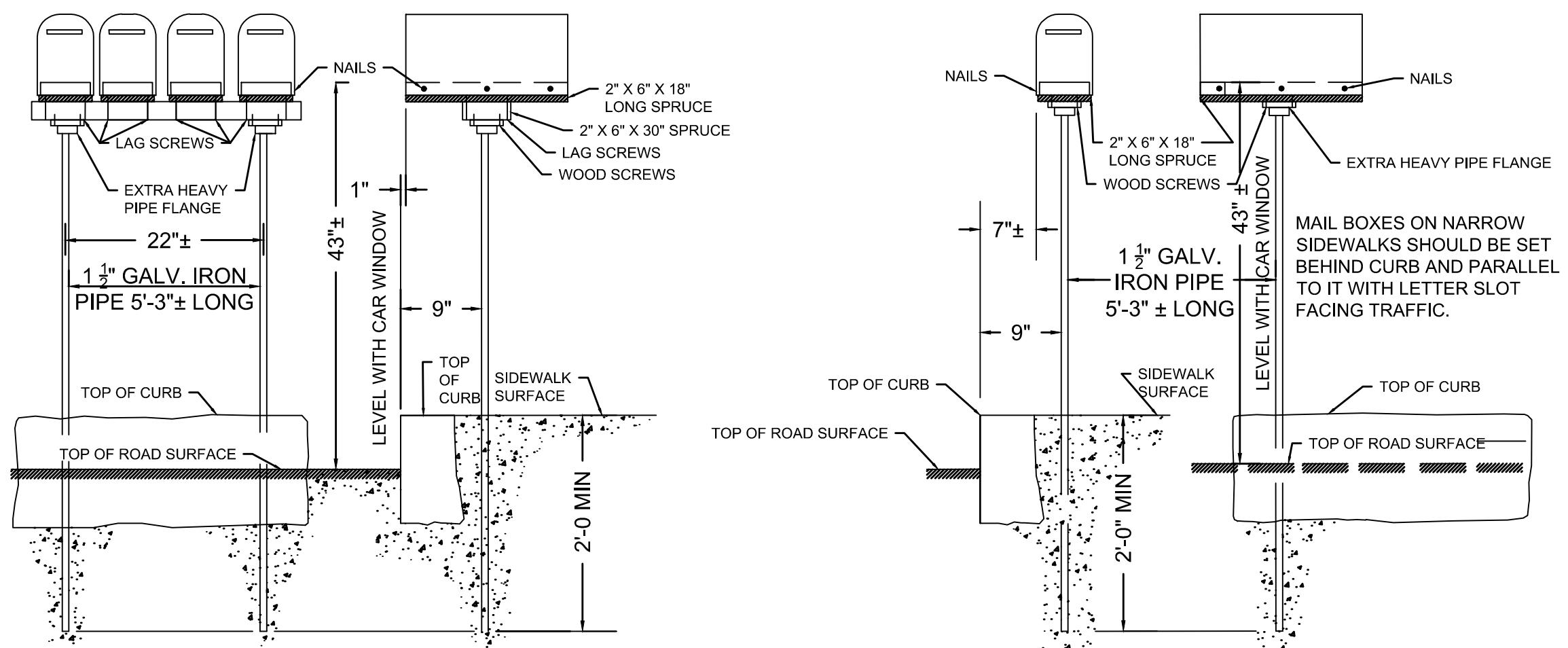
NOTE:

- BASED ON A DESIGN SLOPE OF 7.5% AND A REVEAL OF 6".
- IF THE CURB TRANSITION IS CURVE TRANSITION, THIS VALUE SHOULD BE APPLIED TO THE SHORTER SIDE OF THE CURVE.

MINIMUM CURB TRANSITION LENGTH FOR PEDESTRIAN CURB RAMP

MASSDOT STANDARD E 701.2.8
NOT TO SCALE

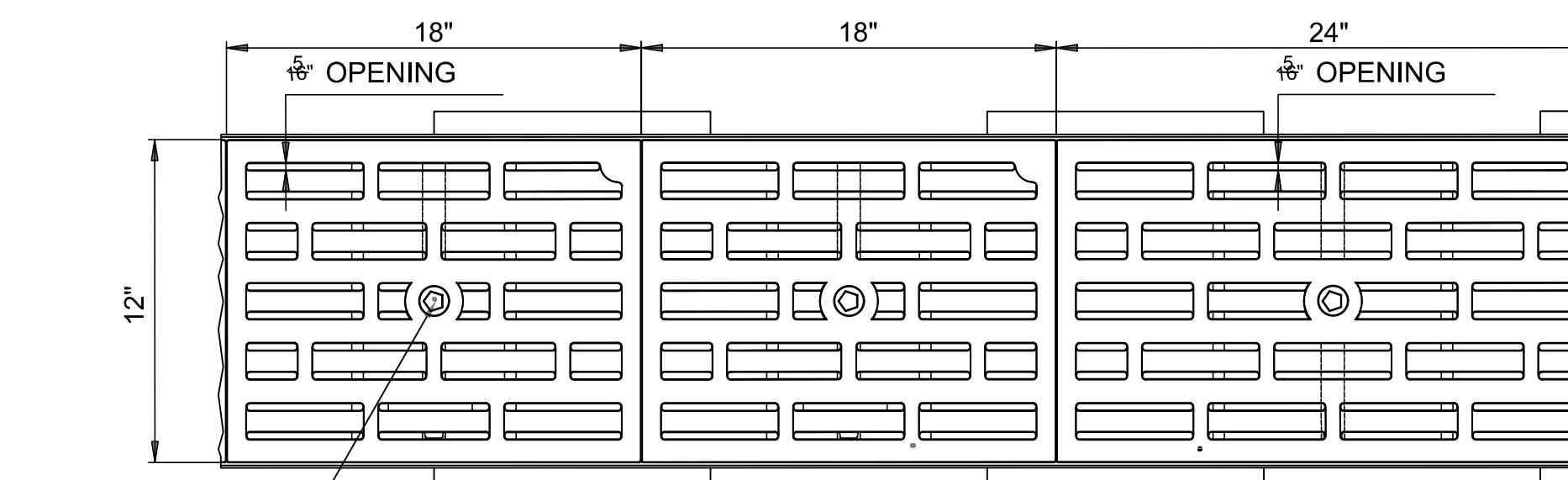
RECTANGULAR RAPID FLASHING BEACON ELEVATION VIEW

MASSDOT STANDARD E 825.0.1
NOT TO SCALE

NOTES:

- LUMBER TO BE PLANED ON ALL FOUR SIDES TO FULL 2" X 6" SIZE TO FIT BOTTOM OF MAIL BOXES.
- TO SET 1 1/4" GALVANIZED PIPE POST, USE DRIVING POINT OF SAME SIZE, THEN TAMP POST INTO PLACE SO AS TO BE PLUMB BOTH WAYS.
- ALL FITTINGS (PIPE FLANGES, PIPE, SCREWS, NAILS, ETC.) ARE TO BE GALVANIZED.
- FOR DESCRIPTIONS, MATERIALS, AND CONSTRUCTIONS METHODS SEE STANDARD SPECIFICATIONS.
- A 4" X 4" PRESSURE TREATED WOOD POST MAY BE SUBSTITUTE FOR A PIPE POST.

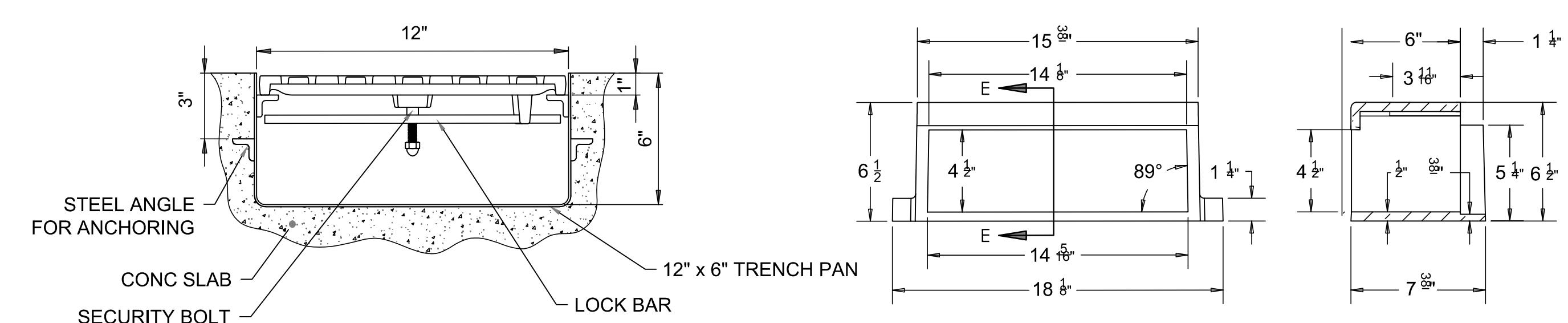
SETTING RURAL MAILBOXES

MASSDOT STANDARD E 715.0.1
NOT TO SCALE

NOTES:

- GRATE PATTERN TO BE CONFIRMED BY THE ENGINEER.

12" WIDE CAST IRON GRATE



NOTES:

- CURB OPENING CASTING SHALL BE FLUSH WITH THE CURBING.

CURB OPENING CASTING

SIDEWALK GRATE DETAIL

NOT TO SCALE

DRAFT
NOT FOR CONSTRUCTION

PROJECT #: 312671-01-002	REVISIONS	REV #	DATE
DATE: 12/11/2025	CONSTRUCTION DETAILS	SHEET #	TOTAL SHEETS
DESIGNER: NAV	COMPLETE STREETS IMPROVEMENTS	15	15
DRAFTER: NAV	MAIN STREET		
REVIEWER: PMF	MONTAGUE, MASSACHUSETTS		

Bowman

20 WINTHROP SQ
3RD FLOOR
BOSTON, MA 02109
TELE: (617) 556 - 0020
FAX: (617) 556 - 0025

350 MYLES STANDISH BLVD
SUITE 103
TAUNTON, MA
TELE: (508) 823 - 2245

24 ALBION RD
SUITE 310
LINCOLN, RI 02865
TELE: (401) 648 - 7200

94 NORTH ELM STREET
SUITE 210
WESTFIELD, MA
TELE: (413) 875 - 8855



2026 District Local Technical Assistance (DLTA) Request Form

Municipality: Montague

Date: _____

Your Name: _____

Board/Department: _____

INSTRUCTIONS:

1. Review form with Town/City committees, boards, and departments, and **compile one consolidated request form**.
2. Check the column or box for each project your Town/City is interested in. Provide a contact name and email for each project.
3. Rank your top 3 priorities at the end of the form.
4. Email completed form to Jessica Atwood (jatwood@frcog.org) by **no later than the close of business on Friday, January 30, 2026**.

NOTE: For planning purposes, the 2026 DLTA year is January 1, 2026 through December 31, 2026. Projects could commence as early as February 1; projects involving fieldwork likely won't commence until May.

✓ YES	CLIMATE CHANGE ADAPTATION AND RESILIENCE/ENERGY & ENVIRONMENT	Contact for Project: Name & email or phone #
	Northfield Mountain Pumped Storage Project/Turners Falls Dam FERC relicensing and MassDEP 401 Certification of Water Quality process. Provide technical assistance, advocacy, testimony, and analysis, and participate as an intervenor and stakeholder on behalf of impacted towns.	
	Planning to Protect Public Drinking Water Supplies. Assist towns with creating plans, such as a Wellhead Protection Plan, to manage and protect their water supply, including drought management planning.	
	Pollinator Habitat Plan. Develop materials and conduct an informational meeting about local pollinator habitat plans; and/or provide technical assistance to prepare a proposal to apply for funding to create a local pollinator habitat plan. <i>Available to: Charlemont, Erving, Gill, Hawley, Leverett, Leyden, Monroe, New Salem, Northfield, Rowe, Sunderland, Warwick and Whately.</i>	
	River Corridor Management Best Practices. Identify opportunities for managing flooding and erosion hazards along rivers, including mapping the River Corridor, updating land use regulations, updating municipal planning documents and coordinating reviews with Conservation Commissions for projects in the mapped River Corridor.	
	<i>See Zoning and Comprehensive Planning for zoning-specific technical assistance.</i>	

<input checked="" type="checkbox"/> YES	COMMUNITY, HOUSING AND ECONOMIC DEVELOPMENT	Contact for Project: Name & email or phone #
	Broadband and Digital Equity: Provide technical assistance to access resources to improve broadband access and/or digital equity, such as through MassBroadband Institute (MBI) and other agencies.	
	Business and Industry Assistance (please specify): <ul style="list-style-type: none"> <input type="checkbox"/> Support access to small business development/entrepreneurship assistance resources. <input type="checkbox"/> Provide industry specific support to advance or strengthen an important economic sector, such as agriculture, manufacturing, tourism, or another industry. <input type="checkbox"/> Other: _____ 	
	Community Asset Inventory (please specify): Create a digital inventory and conduct GIS mapping of assets for use by the municipality for purposes of planning, coordinating maintenance and/or making information available to the public. <ul style="list-style-type: none"> <input type="checkbox"/> Cemetery graves. <input type="checkbox"/> Historical properties (listed at local, state and/or federal levels). <input type="checkbox"/> Outdoor recreation assets. <input type="checkbox"/> Public art and historical/cultural assets. <input type="checkbox"/> Other: _____ 	

<p>Development/Redevelopment Assistance for a Specific Site (please specify):</p> <p><input type="checkbox"/> Provide technical assistance to advance the redevelopment of an underutilized property (with property owner support), such as reuse visioning or identifying pre-development resources, including brownfields.</p> <p><input type="checkbox"/> Provide technical assistance to promote a site available for redevelopment to the developer community property, such as drafting a Request for Information or preparing promotional materials.</p> <p><input type="checkbox"/> Other: _____ <u>FARRIN</u></p> <p>Proposed site for assistance: _____</p>
<p>Downtown District Support. Extend the Rural Development Fund grant received to pilot a Downtown District Coordinator for Northfield Center (Northfield), Shelburne Falls (Buckland and Shelburne) and Turners Falls (Montague).</p>
<p>Farmland Planning. Conduct farmland mapping, prioritization and action planning to support implementation of the MDAR Farmland Action Plan.</p>
<p>Floodplain Map Changes. Assist town with determining and communicating FEMA flood hazard area map changes, in coordination with FEMA finalizing the updated maps. (Depending on timing of FEMA finalizing maps, task may be delayed to 2027.)</p>
<p>Historic Preservation Planning. Provide technical assistance on identifying potential National Register nominations, or evaluating other preservation related tools (such as local historic district guidelines) or advising on the creation of a town historic preservation plan.</p>
<p>Housing Production Review. Conduct an assessment of municipal regulations, zoning bylaws, and other conditions, and make recommendations to foster more housing production and implement best practices.</p>
<p>Outdoor Recreation/Open Space Planning Support. Provide technical assistance to support outdoor recreation planning (such as mapping a preliminary trail route) or municipal Open Space and Recreation Plan (OSRP) creation/update (such as identifying plan funding, or a mapping or action plan update)</p>
<p>Public Art/Cultural Planning. Provide technical assistance to support cultural/public art planning, such as helping to develop a public art project or pop-up park.</p>
<p><i>See Zoning and Comprehensive Planning for zoning specific technical assistance.</i></p>

<input checked="" type="checkbox"/> YES	EMERGENCY MANAGEMENT	Contact for Project: Name & email or phone #
	<p>Cybersecurity Preparedness</p> <ul style="list-style-type: none"> <input type="checkbox"/> Develop an education program around cybersecurity for municipal officials. <input type="checkbox"/> Develop a cybersecurity emergency response plan. <p>Emergency Management</p> <ul style="list-style-type: none"> <input type="checkbox"/> Regional Sheltering Planning. Update regional sheltering plans and hold a tabletop exercise to test them. <input type="checkbox"/> Regional Evacuation Planning. Analyze local evacuation plans to ensure that inter-town routes do not conflict. A countywide look at these evacuation routes has not been completed since 2012 and hazard risk profiles have grown since then. <input type="checkbox"/> Regional Debris Management Plan Update. The project will update the regional debris management plan from 2015. Debris management addresses woody debris, such as trees, and also demolition materials. The project will conclude with a tabletop exercise to test the revised plan. <input type="checkbox"/> Strengthen Emergency Preparedness and Response. Support local emergency management through creation and maintenance of emergency plans, trainings, and exercises. <input type="checkbox"/> Emergency Management Director Sharing. Assist municipalities in studying or implementing shared emergency management services. <input type="checkbox"/> Regional Dispatch/Emergency Operations Center. Work with MA State Police to identify a new site and develop preliminary building concepts for a regional dispatch center and a regional emergency operations center for all Franklin County municipalities, including Greenfield and Montague. 	

Emergency Medical Services	<ul style="list-style-type: none"> <input type="checkbox"/> West County EMS Regionalization. Support the efforts of ten towns in West County to regionalize their ambulance service. <input type="checkbox"/> Montague EMS Regionalization. Support Montague in exploring how it can regionalize its ambulance service. <input type="checkbox"/> Emergency Medical Services Sharing. Assist municipalities not mentioned above in studying or implementing shared ambulance services.
Fire	<ul style="list-style-type: none"> <input type="checkbox"/> Fire Chief Succession Planning. Identify which fire chiefs will soon need to retire based on age restrictions and work with them to develop a succession plan based on current department members and other firefighting resources in the county. <input type="checkbox"/> ISO Rating Research and Advocacy. Work with insurance companies, the ISO, and the state legislature to determine if there is a way to share fire services across municipalities without negatively affecting ISO ratings, and hence, insurance ratings. <input type="checkbox"/> Fire Service Sharing. Assist municipalities in studying or implementing shared fire services.
Police	<ul style="list-style-type: none"> <input type="checkbox"/> Police Service Sharing. Assist municipalities in studying or implementing shared police services.

✓ YES

REGIONAL PLANS AND CAPACITY BUILDING

Contact for Project:
Name & email or phone #

CPHS Member Town Abandoned and Distressed Property Inventory and Action. Inventory abandoned and distressed properties and work with town stakeholders to prioritize action through receivership or other methods. *Based on staffing capacity, available only to CPHS member towns.*

Training for local officials on using Artificial Intelligence (AI) in local governments and developing municipal policies for AI use.

Local Official Continuing Education Workshops and 5th Wednesdays. Continue to offer workshops to Select Board, Planning Board, Board of Health, Finance Committee members and other public officials and continue 5th Wednesday series that have focused mostly on legislative advocacy.

Please share your ideas for workshop topics: _____

<p>Municipal Succession Planning. Consider how towns can prepare for retirements of long-term public servants in key municipal positions (appointed, elected and volunteer) through development of a Citizen's Academy, succession planning, participation in career fairs and expos, diversification of the municipal workforce, etc.</p> <p>Community Health Improvement Plan: provide implementation support and evaluation of the 2024-28 regional Franklin County Community Health Improvement Plan (CHIP), which identified 13 health improvement priorities for our region.</p> <p>Rural Policy Plan (RPP) Implementation and Update. Complete 2025 refresh of the 2019 Plan; identify top priority projects/policy for rural MA and for Franklin County; advocate for projects, programs and policies that benefit Franklin County.</p>	
<p>✓ YES</p> <p>SHARED SERVICES</p> <p>Municipal Service Sharing Feasibility, Matchmaking, or Other Technical Assistance (please specify). Find emergency management options above.</p> <ul style="list-style-type: none"> — Facilities management of municipal buildings and grounds – explore options for shared hiring and procurement of vendor services <input type="checkbox"/> Floodplain Management "back office" assistance – assisting towns to understand guidelines, gather needed records and materials; provide planning assistance to local Floodplain Administrators — Grant and contract administration/management, especially One Stop programs like Rural Development Fund and MVP. <input type="checkbox"/> Municipal Financial Services: <i>Please be specific:</i> _____ <input type="checkbox"/> OSHA municipal requirements <input type="checkbox"/> Regional Wood Bank Development — Other: _____ 	<p>Contact for Project: Name & email or phone #</p>
<p>New Collective Purchasing ideas (please specify): _____</p>	

Older Adult Services (please specify): <ul style="list-style-type: none"> <input type="checkbox"/> Age and Dementia-friendly community planning (development of an assessment and an action plan for the Town; assistance with implementing an existing plan) <ul style="list-style-type: none"> – Senior Center Expansion, Regional Sharing <input type="checkbox"/> Development and Piloting of a regional Dementia Risk Reduction and Brain Health Promotion Plan <input type="checkbox"/> Other: _____ 	
Regional Opioid Settlement Spending. Assist towns with development of an opioid settlement funds spending plan.	
✓ YES	TRANSPORTATION
	Complete Streets Improvements. Assess local roads for potential for Complete Streets improvements.
	Roadway Speed Study. Assess roadway speeds and prepare speed zoning study to provide guidance for new or revised regulatory speed limits on local roadways.
	Signs and Lines Assessment. Assess signs and pavement markings for clarity, visibility and reflectivity.
	Unpaved Road Assessments. Assess problematic sections of unpaved roads for potential improvements that can be funded with new state grant funding.
	<i>Note: Roadway Culvert Assessment is not offered this year. Due to the high demand, the towns of Northfield and Whately are in the queue for culvert assessments in 2026. The wait list will be reopened in 2027.</i>
✓ YES	ZONING AND COMPREHENSIVE PLANS
	Comprehensive Plans (please specify): <ul style="list-style-type: none"> <input type="checkbox"/> Provide technical assistance and guidance in advance of a Comprehensive Plan, such as draft scope of work, grant research and application, form committee, etc. <ul style="list-style-type: none"> – Conduct a community-wide survey and/or other public outreach to inform the creation of a vision and goals for a new or updated Comprehensive Plan.
	Contact for Project: Name & email or phone #

Zoning Bylaws (please specify):	<input type="checkbox"/> Assistance with the state's Accessory Dwelling Unit (ADU) model zoning bylaw <input type="checkbox"/> Assistance with the state's pending model bylaw for Solar Photovoltaic Systems and Battery Energy Storage Systems <input type="checkbox"/> Assistance with the state's model Floodplain Bylaw <input type="checkbox"/> Assistance with implementing zoning changes to diversify housing options and/or address Short-Term Rentals <input type="checkbox"/> Assistance with zoning related to stormwater management/flood resilience <input type="checkbox"/> Review current Subdivision Regulations to determine if they should be updated <input type="checkbox"/> Other: _____
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[Form continues next page]

RANK	Of all of the projects you selected, what are your municipality's top three DLTA project priorities?
Your Municipality's Top 3 Choices:	
1.	- Ambulance
2.	- Residential Projects
3.	- Downtown Coordinator
GRANT ASSISTANCE	
	<p>The FRCOG can assist municipalities with researching state & federal grant opportunities, preparing grant application packages, and with grant, contract and financial management (once the contract is awarded). If you need help with an application or with project management, please provide a brief description of the project and identify the municipal contact (name and email).</p> <hr/> <hr/> <hr/>
Contact Name & Email:	<hr/> <hr/> <hr/>
SHARED HOUSING COORDINATOR	
	<p>With separate funding pursued in response to municipal interest (i.e. not DLTA), the FRCOG is creating a Shared Housing Coordinator pilot program to assist towns with housing development site selection and moving housing projects through the development pipeline. (Participating towns need to provide an approximate \$5,000 match between 1/1/26 and 6/30/27.) If interested in being part of the pilot, please check here.</p>

Dana Faldasz
Montague Community Cable, Inc.
34 Second St
Turners Falls, MA 01376

September 17, 2025

Letter of Intent to Provide Programming for Montague Local Access Television

To whom it may concern:

On behalf of Montague Community Cable, Inc., I am writing to express our intent to continue to provide local access television programming for Montague. Our team is passionate about fostering a sense of community through accessible, informative, and engaging television content tailored to meet the interests and needs of the residents in Montague.

Our programming will continue to include, but is not limited to:

- **Local News and Events:** Coverage of town meetings, school events, community festivals, and other significant happenings within our area.
- **Public Service Announcements:** Information on important local resources, health initiatives, safety campaigns, and other community services.
- **Educational Content:** Programming designed to enhance learning opportunities for residents of all ages, including interviews with local educators, artists, and thought leaders.
- **Community Voices:** A platform for residents to share their perspectives on local issues and celebrate the unique aspects of our town's history and culture.
- **Local Producer Programming:** Creative programming and projects provided by producers in the community.

Thank you for your consideration.

Dana Faldasz,
Board President
Montague Community Cable, Inc.