

MASSACHUSETTS DEPARTMENT OF TRANSPORTATION HIGHWAY DIVISION

PLAN AND PROFILE OF
RECONSTRUCTION NORTH MAIN STREET
FROM SCHOOL STREET TO LINCOLN AVENUE
AND FALL HILL BROOK CULVERT REPLACEMENT

IN THE TOWN OF

ORANGE
FRANKLIN COUNTY

FEDERAL AID PROJECT NO.

PRELIMINARY RIGHT OF WAY

ORANGE, MA NORTH MAIN STREET			
STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	1	18
PROJECT FILE NO.		603371	

PRELIMINARY RIGHT OF WAY
TITLE SHEET & INDEX

THESE PLANS ARE SUPPLEMENTED BY THE 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 1988 STANDARD DRAWINGS FOR TRAFFIC SIGNALS AND HIGHWAY LIGHTING, AND THE LATEST EDITION OF THE AMERICAN STANDARD FOR NURSERY STOCK.

INDEX

SHEET NO.	DESCRIPTION
1	TITLE SHEET & INDEX
2	LEGEND
3-4	TYPICAL SECTIONS
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BASE MAP NOTES

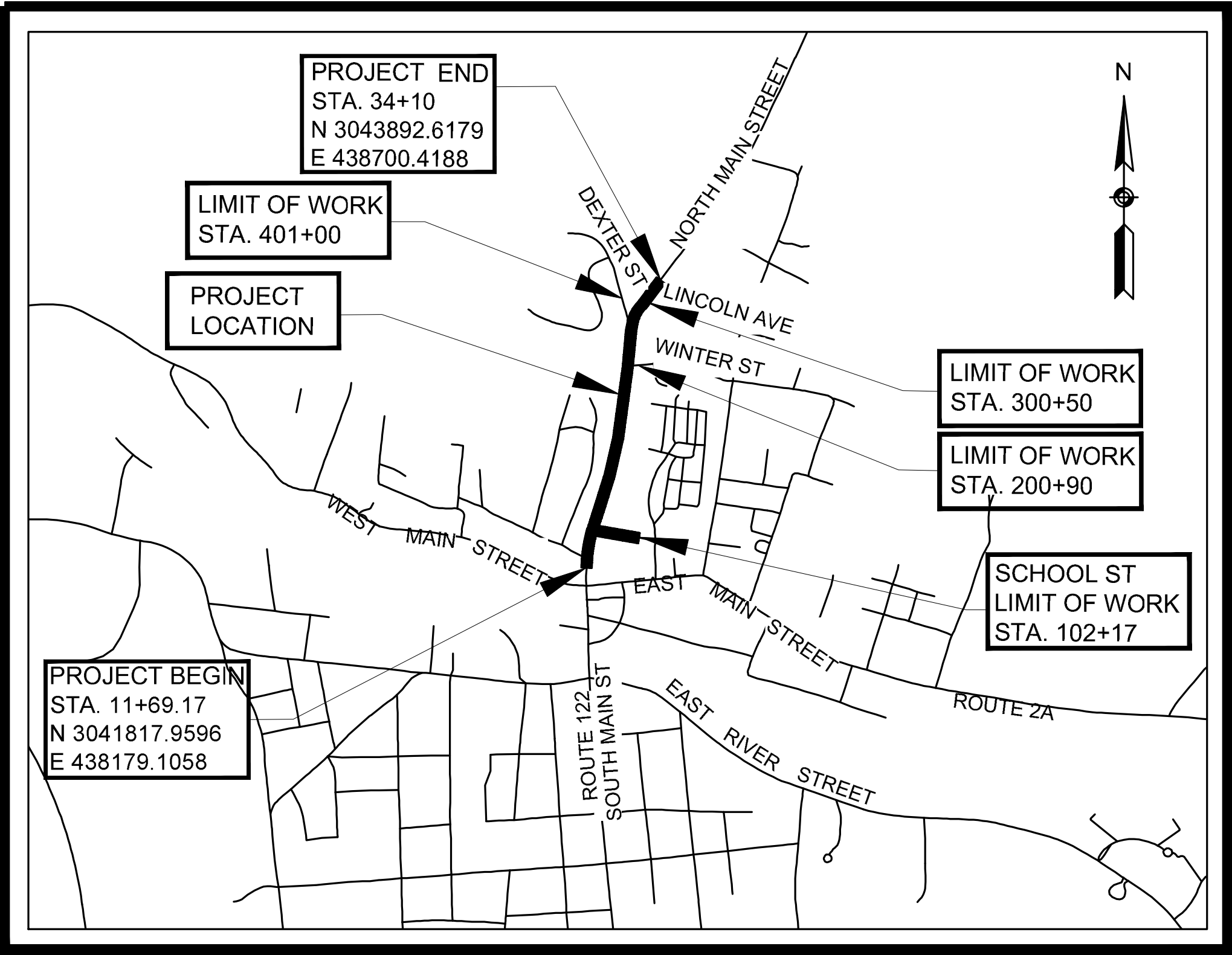
- THE SURVEY BASE PLAN WAS PREPARED BY WSP USA INC. IN OCTOBER 2011 AND SUPPLEMENTED BY WSP USA INC. IN FEBRUARY 2019 AND SEPTEMBER 2022.
- THE MOST RECENT SITE VISIT WAS COMPLETED IN SEPTEMBER 2022 TO VERIFY THAT THE EXISTING CONDITIONS SHOWN ON THE PLAN ARE THE CURRENT CONDITIONS IN THE FIELD.
- THE LAYOUT AND PROPERTY LINES SHOWN ON THE PLAN WERE COMPILED FROM THE DEEDS AND PLANS OF RECORD, CERTIFIED BY DAVID PRINCE, A PLS IN DIRECT CHARGE AND SUPERVISION OF THE SURVEY BASEMAP.
- THE OWNERS HAVE BEEN CHECKED AND UPDATED AS OF SEPTEMBER 2022.
- THE PREQUALIFIED SURVEYOR UNDER THE S3 CATEGORY IS PARTICIPATING IN THE DEVELOPMENT OF THE ROW PLANS. DAVID PRINCE HAS VERIFIED HIGHWAY LAYOUT BASELINES AND SIDELINES, VERIFIED MUNICIPAL LAYOUTS, VERIFIED THAT ABUTTERS PROPERTY LINES ARE CREATED BASED ON RECORD DEEDS AND PLANS, VERIFIED CURRENT ABUTTERS OWNERSHIP INFORMATION, VERIFIED EXISTING PERMANENT EASEMENTS, AND VERIFIED ANY OTHER ELEMENTS IN THE SURVEY BASE PLAN THAT AFFECTS DISPOSITIONS AND LAND ACQUISITIONS.

CERTIFICATION:



DAVID P. PRINCE, P.L.S.
REG. NO. 52328
WSP USA, Inc.

THE LAYOUT LINES, AS REPRESENTED ON THE PRELIMINARY RIGHT OF WAY PLANS, ARE BASED UPON AN INSTRUMENT SURVEY THAT MEETS 250 CMR 6.02 AND ARE SUITABLE TO BE USED FOR A RECORDABLE PLAN.



SCALE: 1" = 1000'

LENGTH OF PROJECT = 2170.39 FEET = 0.411 MILES

4-8-2024	NEW PARCELS: TE-47	15
	ALTERED PARCELS: PUE-1, TE-1, TE-2, PUE-3, TE-3, PUE-4, TE-9, TE-21, PUE-10, TE-17, TE-28	
	DELETED PARCELS: TE-38	
1-22-2024	REVISION	14
1-11-2024	REVISION	13
11-21-2023	REVISION	12
11-01-2023	REVISION	11
05-22-2023	REVISION	10
04-19-2023	REVISION	9
01-18-2023	REVISION	8
01-18-2023	REVISION	7
10-28-2022	REVISION	6
05-11-2022	REVISION	5
11-05-2021	PRELIMINARY ROW (75%)	4
07-03-2019	REVISION	3
08-11-2016	REVISION	2
06-03-2016	REVISION	1
06-28-2013	PRELIMINARY ROW (25%)	0
DATE	DESCRIPTION	REV #



DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
APPROVED:

DIVISION ADMINISTRATOR DATE



RECOMMENDED FOR APPROVAL

CHIEF ENGINEER DATE

APPROVED

HIGHWAY ADMINISTRATOR DATE

These Right of Way plans are recommended for approval for acquisition unless design changes or unless the title examinations show the need for the Right of Way plans to be updated.

GENERAL SYMBOLS

EXISTING	PROPOSED	DESCRIPTION
		JERSEY BARRIER
		CATCH BASIN
		CATCH BASIN CURB INLET
		OUTLET CONTROL STRUCTURE
		FLAG POLE
		GAS PUMP
		MAIL BOX
		POST SQUARE
		POST CIRCULAR
		WELL
		ELECTRIC HANDHOLE
		FENCE GATE POST
		GAS GATE
		BORING HOLE
		MONITORING WELL
		TEST PIT
		HYDRANT
		LIGHT POLE
		COUNTY BOUND
		GPS POINT
		CABLE MANHOLE
		DRAINAGE MANHOLE
		ELECTRIC MANHOLE
		GAS MANHOLE
		MISC MANHOLE
		SEWER MANHOLE
		TELEPHONE MANHOLE
		WATER MANHOLE
		MASSACHUSETTS HIGHWAY BOUND
		MONUMENT
		STONE BOUND
		TOWN OR CITY BOUND
		TRAVERSE OR TRIANGULATION STATION
		TROLLEY POLE OR GUY POLE
		TRANSMISSION POLE
		UTILITY POLE W/ FIREBOX
		UTILITY POLE WITH DOUBLE LIGHT
		UTILITY POLE W / 1 LIGHT
		UTILITY POLE
		BUSH
		TREE
		STUMP
		SWAMP / MARSH
		WATER GATE
		PARKING METER
		OVERHEAD CABLE/WIRE
		CURBING
		CONTOURS (ON-THE-GROUND SURVEY DATA)
		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)
		BALANCED STONE WALL
		GUARD RAIL - STEEL POSTS
		GUARD RAIL - WOOD POSTS
		GUARD RAIL - DOUBLE FACE - STEEL POSTS
		GUARD RAIL - DOUBLE FACE - WOOD POSTS
		CHAIN LINK OR METAL FENCE
		WOOD FENCE
		COMPOST FILTER TUBE
		TREE LINE
		SAWCUT LINE
		TOP OR BOTTOM OF SLOPE
		LIMIT OF EDGE OF PAVEMENT OR MILL AND OVERLAY
		BANK OF RIVER OR STREAM
		BORDER OF WETLAND
		100 FT BANK BUFFER; 100 FT BWV BUFFER
		200 FT RIVERFRONT AREA
		100 FT RIVERFRONT AREA
		STATE HIGHWAY LAYOUT
		TOWN OR CITY LAYOUT
		COUNTY LAYOUT
		RAILROAD SIDELINE
		TOWN OR CITY BOUNDARY LINE
		PROPERTY LINE OR APPROXIMATE PROPERTY LINE
		EASEMENT

PROJECT DESCRIPTION:

PROJECT LIMITS INCLUDE NORTH MAIN STREET FROM THE SCHOOL STREET INTERSECTION TO THE LINCOLN AVENUE INTERSECTION IN ORANGE, MA. PROPOSED WORK INCLUDES FULL DEPTH CONSTRUCTION, ROADWAY WIDENING AND NARROWING FOR A CONSISTENT ROADWAY WIDTH, CEMENT CONCRETE SIDEWALKS, RETAINING WALLS, DRAINAGE SYSTEM MODIFICATIONS, FALL HILL BROOK CULVERT REPLACEMENT, STORMWATER BASIN, SIGNING, AND STRIPING.

TRAFFIC SYMBOLS

EXISTING	PROPOSED	DESCRIPTION
		CONTROLLER PHASE ACTUATED
		TRAFFIC SIGNAL HEAD (SIZE AS NOTED)
		WIRE LOOP DETECTOR (6' x 6' TYP UNLESS OTHERWISE SPECIFIED)
		VIDEO DETECTION CAMERA
		MICROWAVE DETECTOR
		PEDESTRIAN PUSH BUTTON, SIGN (DIRECTIONAL ARROW AS SHOWN) AND SADDLE
		EMERGENCY PREEMPTION CONFIRMATION STROBE LIGHT
		VEHICULAR SIGNAL HEAD
		VEHICULAR SIGNAL HEAD, OPTICALLY PROGRAMMED
		FLASHING BEACON
		PEDESTRIAN SIGNAL HEAD, (TYPE AS NOTED OR AS SPECIFIED)
		RAILROAD SIGNAL
		SIGNAL POST AND BASE (ALPHA-NUMERIC DESIGNATION NOTED)
		MAST ARM, SHAFT AND BASE (ARM LENGTH AS NOTED)
		HIGH MAST POLE OR TOWER
		SIGN AND POST
		SIGN AND POST (2 POSTS)
		MAST ARM WITH LUMINAIRE
		OPTICAL PRE-EMPTION DETECTOR
		CONTROL CABINET, GROUND MOUNTED
		CONTROL CABINET, POLE MOUNTED
		FLASHING BEACON CONTROL AND METER PEDESTAL
		LOAD CENTER ASSEMBLY
		PULL BOX 12"x12" (OR AS NOTED)
		ELECTRIC HANDHOLE 12"x24" (OR AS NOTED)
		TRAFFIC SIGNAL CONDUIT

PAVEMENT MARKINGS SYMBOLS

EXISTING	PROPOSED	DESCRIPTION
		PAVEMENT ARROW - WHITE
		LEGEND "ONLY" - WHITE
		STOP LINE - 12" WIDTH - WHITE
		CROSSWALK - 12" WIDTH - WHITE
		SOLID WHITE LINE - 6" WIDTH
		SOLID YELLOW LINE - 6" WIDTH
		BROKEN WHITE LINE - 10' LINE, 30' GAP - 6" WIDTH
		BROKEN YELLOW LINE - 10' LINE, 30' GAP - 6" WIDTH
		DOTTED WHITE LINE - 3' LINE, 9' GAP - 6" WIDTH
		DOTTED YELLOW LINE - 3' LINE, 9' GAP - 6" WIDTH
		DOTTED WHITE LINE EXTENSION - 2' LINE, 6' GAP - 6" WIDTH
		DOTTED YELLOW LINE EXTENSION - 2' LINE, 6' GAP - 6" WIDTH
		DOUBLE YELLOW LINE - 2 - 6" WIDTH LINES
		WTL WHITE TRANSVERSE LINE - 10' SPACE O.C., 45° SLOPE - 12" WIDTH
		YTL YELLOW TRANSVERSE LINE - 10' SPACE O.C., 45° SLOPE - 12" WIDTH
		SOLID WHITE CHANNELIZATION LINE - 12" WIDTH
		SOLID YELLOW CHANNELIZATION LINE - 12" WIDTH
		WCL WHITE CHEVRON LINE - 10' SPACE O.C., 45° SLOPE - 12" WIDTH

ABBREVIATIONS

GENERAL	
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
BM	BENCHMARK
BO	BY OTHERS
BOS	BOTTOM OF SLOPE
BR.	BRIDGE
CB	CATCH BASIN
CBCI	CATCH BASIN WITH CURB INLET
CC	CEMENT CONCRETE
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	CONTINUOUS
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
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
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
HRM	HAND RAIL - METAL
HYD	HYDRANT
INV	INVERT
JCT	JUNCTION
L	LENGTH OF CURVE
LB	LEACH BASIN
LP	LIGHT POLE
LT	LEFT
MAX	MAXIMUM
MB	MAILBOX
MH	MANHOLE
MHB	MASSACHUSETTS HIGHWAY BOUND
MIN	MINIMUM
NIC	NOT IN CONTRACT
NO.	NUMBER
PC	POINT OF CURVATURE
PCC	POINT OF COMPOUND CURVATURE
PCR	PEDESTRIAN CURB RAMP
P.G.L.	PROFILE GRADE LINE
PI	POINT OF INTERSECTION
POC	POINT ON CURVE
POT	POINT ON TANGENT
PRC	POINT OF REVERSE CURVATURE
PROJ	PROJECT
PROP	PROPOSED
PROT	PROTECT
PSB	PLANTABLE SOIL BORROW
PT	POINT OF TANGENCY
PVC	POINT OF VERTICAL CURVATURE
PVI	POINT OF VERTICAL INTERSECTION

GENERAL	
PVT	POINT OF VERTICAL TANGENCY
PVMT	PAVEMENT
PWW	PAVED WATER WAY
R	RADIUS OF CURVATURE
R&D	REMOVE AND DISPOSE
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
RWC	RETAINING WALL - CONCRETE
RWS	RETAINING WALL - STONE
RWW	RETAINING WALL - WOOD
SB	STONE BOUND
SHLD	SHOULDER
SMH	SEWER MANHOLE
ST	STREET
STA	STATION
SS	SEWER SERVICE
SSD	STOPPING SIGHT DISTANCE
SHLO	STATE HIGHWAY LAYOUT LINE
SW	SIDEWALK
T	TANGENT DISTANCE OF CURVE/TRUCK %
TAN	TANGENT
TEMP	TEMPORARY
TC	TOP OF CURB
TN	TOWN
TNLO	TOWN LAYOUT LINE
TOS	TOP OF SLOPE
TYP	TYPICAL
UP	UTILITY POLE
VAR	VARIES
VERT	VERTICAL
VC	VERTICAL CURVE
WG	WATER GATE
WIP	WROUGHT IRON PIPE
WM	WATER METER/WATER MAIN
X-SECT	CROSS SECTION

TRAFFIC SIGNAL ABBREVIATIONS	
CAB	CABINET
CCVE	CLOSED CIRCUIT VIDEO EQUIPMENT
DW	STEADY UPRaised HAND
FDW	FLASHING UPRaised HAND
FR	FLASHING CIRCULAR RED
FRL	FLASHING RED LEFT ARROW
FRR	FLASHING RED RIGHT ARROW
FY	FLASHING CIRCULAR YELLOW
FYL	FLASHING YELLOW LEFT ARROW
FYR	FLASHING YELLOW RIGHT ARROW
G	STEADY CIRCULAR GREEN
GL	STEADY GREEN LEFT ARROW
GR	STEADY GREEN RIGHT ARROW
GSL	STEADY GREEN SLASH LEFT ARROW
GSR	STEADY GREEN SLASH RIGHT ARROW
GV	STEADY GREEN VERTICAL ARROW
OL	OVERLAP
PED	PEDESTRIAN
PTZ	PAN, TILT, ZOOM
R	STEADY CIRCULAR RED
RL	STEADY RED LEFT ARROW
RR	STEADY RED RIGHT ARROW
TR SIG	TRAFFIC SIGNAL
TSC	TRAFFIC SIGNAL CONDUIT
W	STEADY WALKING PERSON
Y	STEADY CIRCULAR YELLOW
YL	STEADY YELLOW LEFT ARROW

ORANGE, MA
NORTH MAIN STREET

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	2	18
PROJECT FILE NO.		603371	

PRELIMINARY RIGHT OF WAY
LEGEND

ABBREVIATIONS (cont.)

GENERAL

PVT	POINT OF VERTICAL TANGENCY
PVMT	PAVEMENT
PWW	PAVED WATER WAY
R	RADIUS OF CURVATURE
R&D	REMOVE AND DISPOSE
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
RWC	RETAINING WALL - CONCRETE
RWS	RETAINING WALL - STONE
RWW	RETAINING WALL - WOOD
SB	STONE BOUND
SHLD	SHOULDER
SMH	SEWER MANHOLE
ST	STREET
STA	STATION
SS	SEWER SERVICE
SSD	STOPPING SIGHT DISTANCE
SHLO	STATE HIGHWAY LAYOUT LINE
SW	SIDEWALK
T	TANGENT DISTANCE OF CURVE/TRUCK %
TAN	TANGENT
TEMP	TEMPORARY
TC	TOP OF CURB
TN	TOWN
TNLO	TOWN LAYOUT LINE
TOS	TOP OF SLOPE
TYP	TYPICAL
UP	UTILITY POLE
VAR	VARIES
VERT	VERTICAL
VC	VERTICAL CURVE
WG	WATER GATE
WIP	WROUGHT IRON PIPE
WM	WATER METER/WATER MAIN
X-SECT	CROSS SECTION

PAVEMENT NOTES:

PAVEMENT MILLING AND OVERLAY

VARIABLE DEPTH SUPERPAVE LEVELING COURSE 4.75(SLC-4.75)
TACK COAT (RS-1h)
0.07 TO 0.09 GAL/SY OVER MILLED SURFACE

FULL DEPTH PAVEMENT CONSTRUCTION (WIDTH > 4')

2" SUPERPAVE SURFACE COURSE 12.5(SSC-12.5) OVER
3" SUPERPAVE INTERMEDIATE COURSE 19.0(SIC-19.0) OVER
4" DENSE GRADED CRUSHED STONE OVER
8" GRAVEL BORROW - TYPE b

FULL DEPTH PAVEMENT CONSTRUCTION (WIDTH <= 4')

2" SUPERPAVE SURFACE COURSE 12.5(SSC-12.5) OVER
3" SUPERPAVE INTERMEDIATE COURSE 19.0(SIC-19.0) OVER
6" HIGH EARLY STRENGTH CEMENT CONCRETE OVER
6" GRAVEL BORROW - TYPE b

CEMENT CONCRETE SIDEWALKS AND PEDESTRIAN CURB RAMPS

4" CEMENT CONCRETE OVER
8" GRAVEL BORROW - TYPE b

CEMENT CONCRETE SIDEWALK AT DRIVEWAY

6" CEMENT CONCRETE OVER
8" GRAVEL BORROW - TYPE b

HOT MIX ASPHALT DRIVEWAYS

1 1/2" SUPERPAVE SURFACE COURSE 9.5 (SSC-9.5) OVER
2 1/2" SURERPAVE SURFACE COURSE 12.5 (SSC-12.5) OVER
8" GRAVEL BORROW - TYPE b

HOT MIX ASPHALT SIDEWALK

1 1/4" SUPERPAVE SURFACE COURSE 9.5 (SSC-9.5) OVER
1 3/4" SUPERPAVE SURFACE COURSE 12.5 (SSC-12.5) OVER
8" GRAVEL BORROW - TYPE b

TEMPORARY ASPHALT SIDEWALK

2" SUPERPAVE SURFACE COARSE 12.5 (SSC-12.5) OVER
8" GRAVEL BORROW - TYPE b

GRAVEL DRIVEWAYS

4" DENSE GRADED CRUSHED STONE FOR SHOULDERS OVER
8" GRAVEL BORROW - TYPE b

TEMPORARY WIDENING FOR CULVERT CONSTRUCTION

2 1/2" SUPERPAVE SURFACE COURSE 12.5 (SSC-12.5) OVER
8" GRAVEL BORROW - TYPE b

EXCAVATE, GRADE & PAVE (SCHOOL STREET (101+35 TO 102+17))

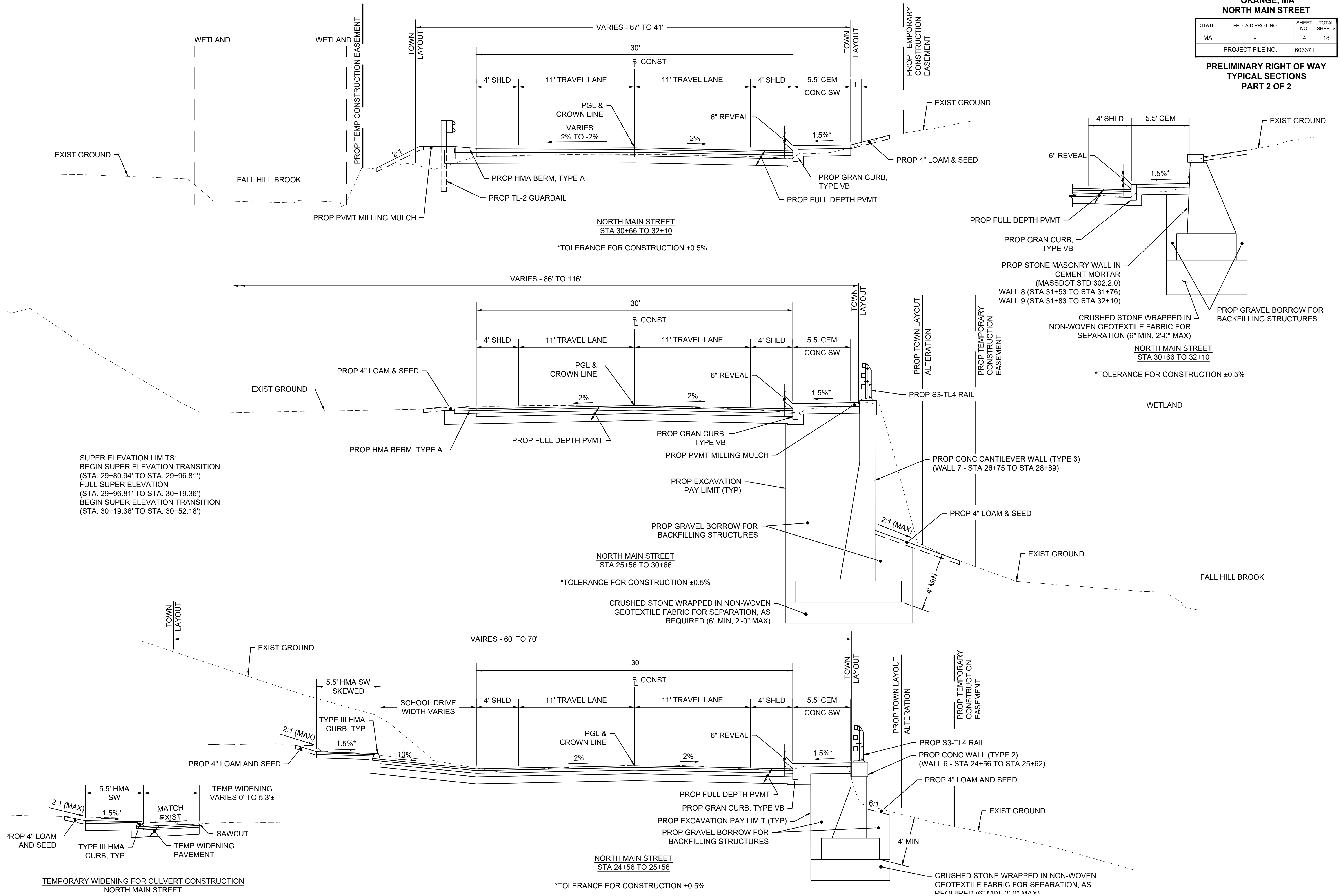
2" SUPERPAVE SURFACE COURSE 12.5 (SSC-12.5) OVER
3" SUPERPAVE INTERMEDIATE COURSE 19.0 (SIC-19.0) OVER
EXISTING ROADWAY BASE



ORANGE, MA
NORTH MAIN STREET

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	4	18
PROJECT FILE NO. 603371			

PRELIMINARY RIGHT OF WAY
TYPICAL SECTIONS
PART 2 OF 2

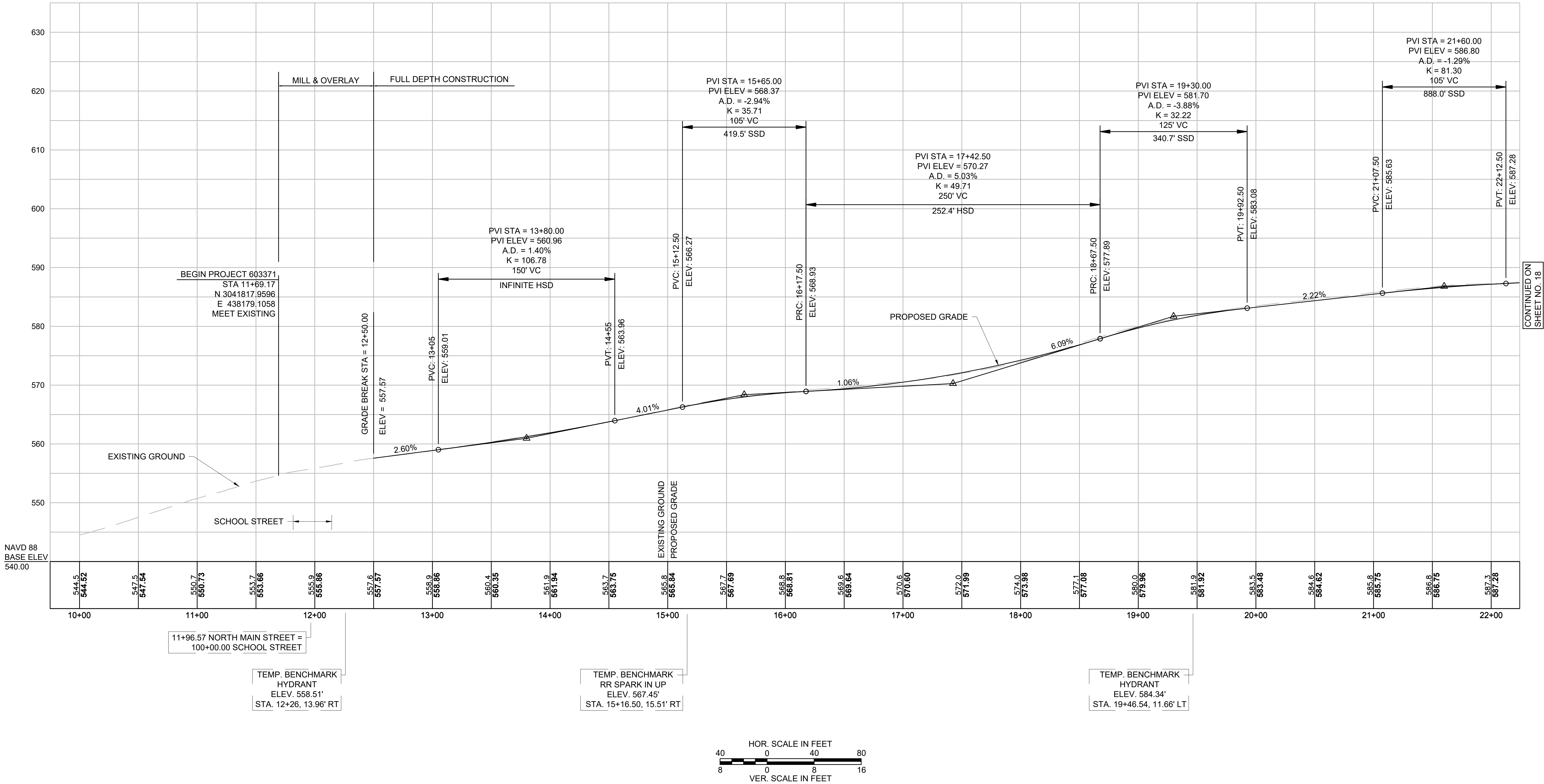


ORANGE, MA
NORTH MAIN STREET

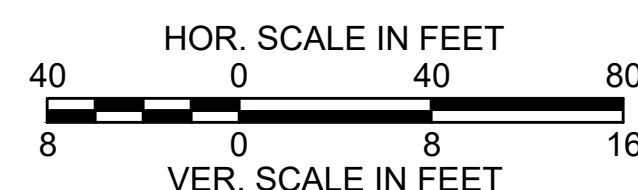
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MA	-	5	18
PROJECT FILE NO.		603371	

PRELIMINARY RIGHT OF WAY
PROFILE - NORTH MAIN STREET
SHEET 1 OF 2

NORTH MAIN STREET



CONTINUED ON
SHEET NO. ##

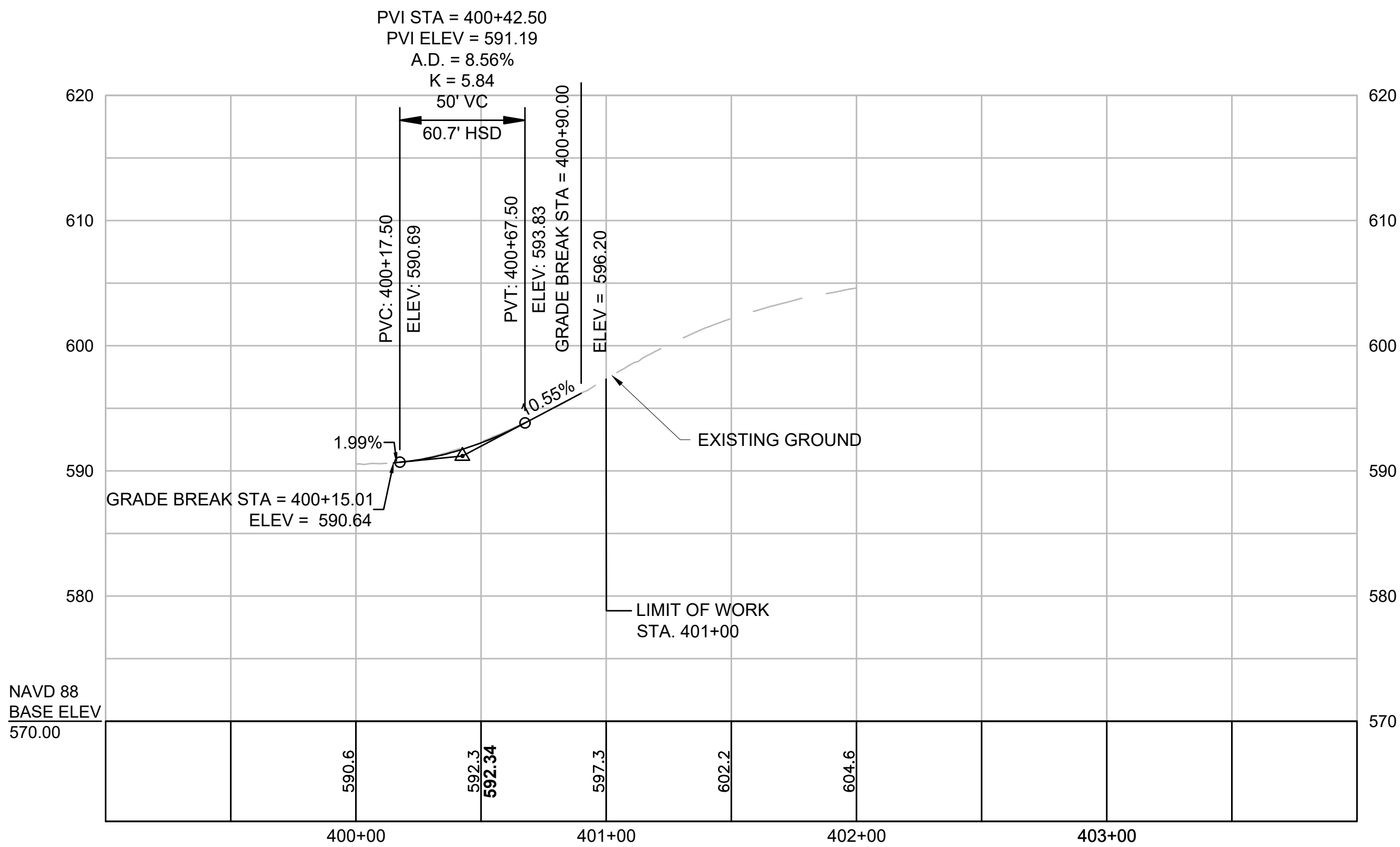


ORANGE, MA
NORTH MAIN STREET

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	7	18
PROJECT FILE NO.		603371	

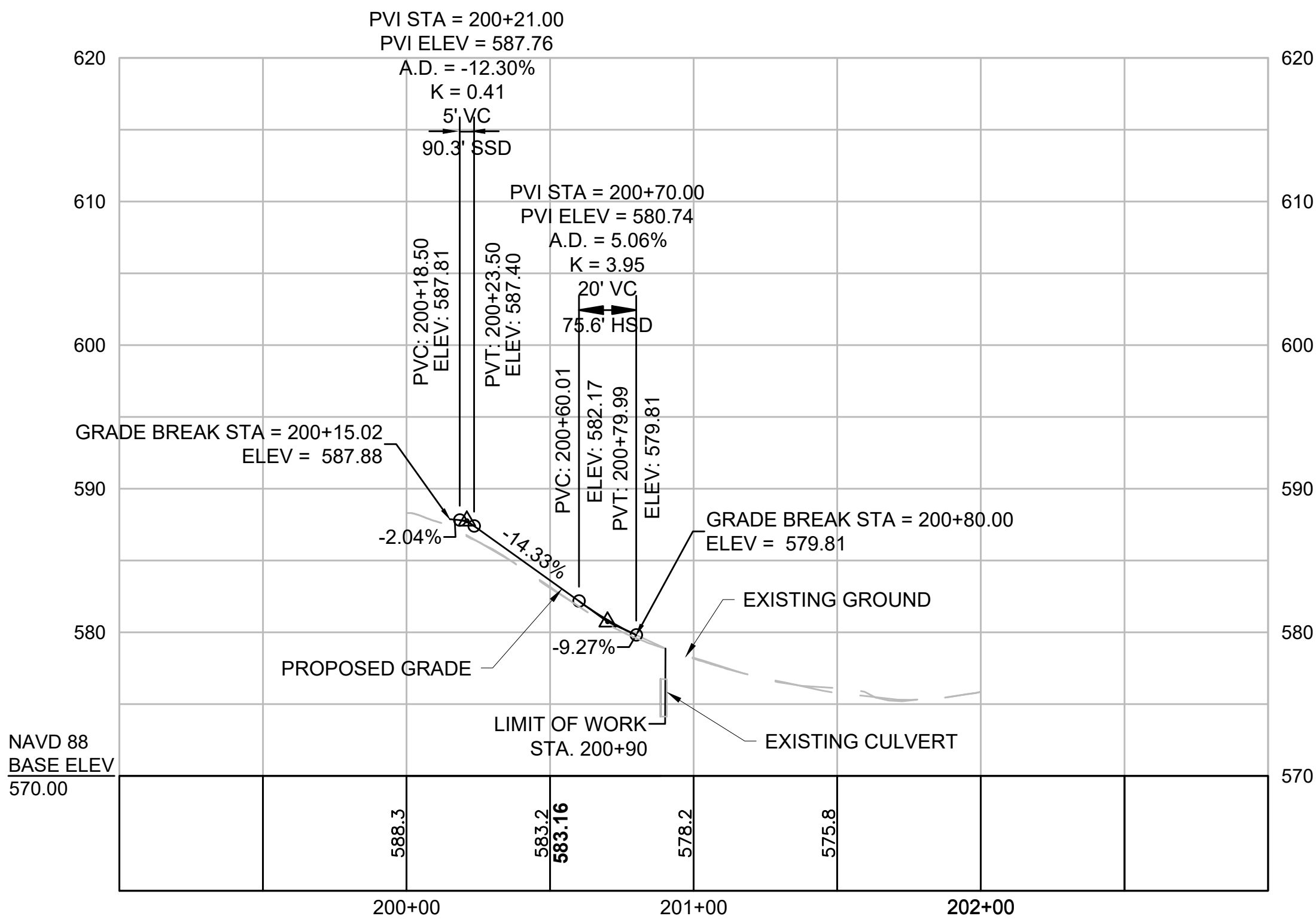
PRELIMINARY RIGHT OF WAY
PROFILE - SIDE STREETS
SHEET 1 OF 2

DEXTER STREET

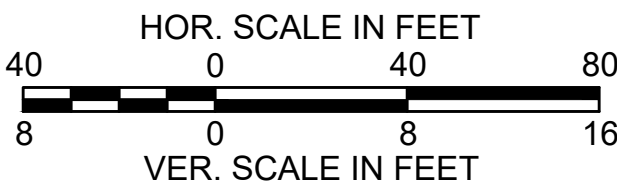


FOR CONSTRUCTION PLAN SEE SHEET 16

WINTER STREET



FOR CONSTRUCTION PLAN SEE SHEET 15

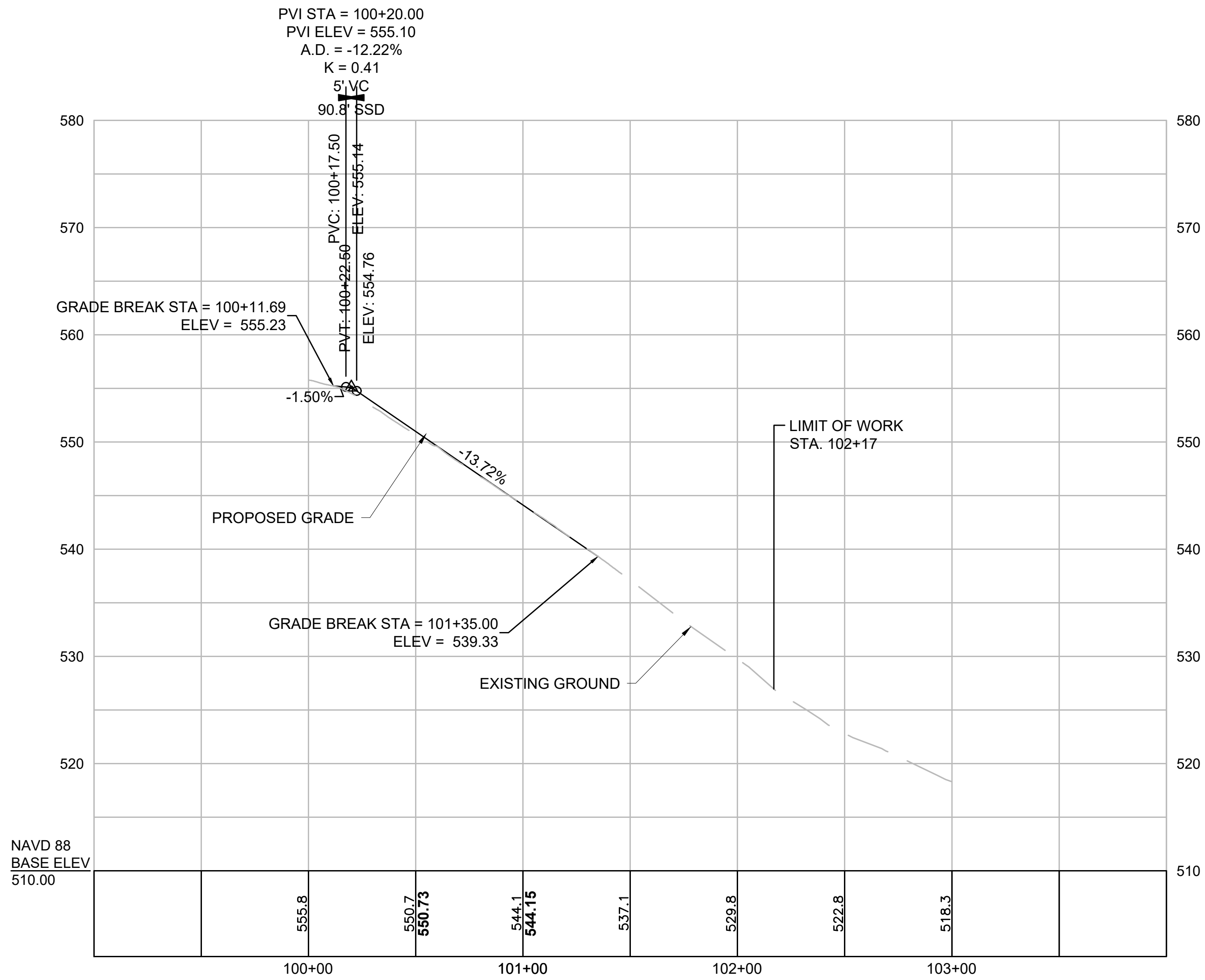


ORANGE, MA
NORTH MAIN STREET

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	8	18
PROJECT FILE NO.		603371	

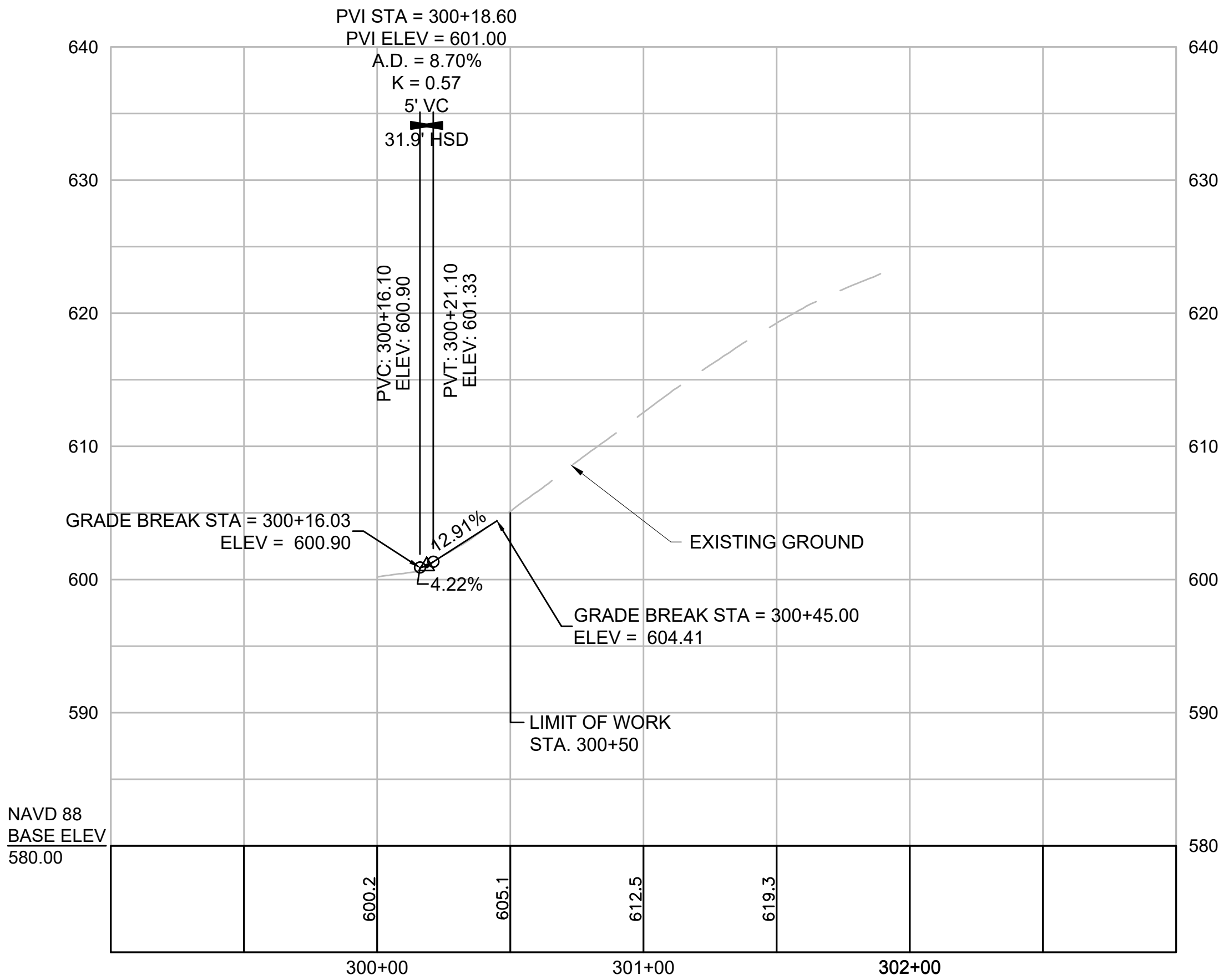
PRELIMINARY RIGHT OF WAY
PROFILE - SIDE STREETS
SHEET 2 OF 2

SCHOOL STREET

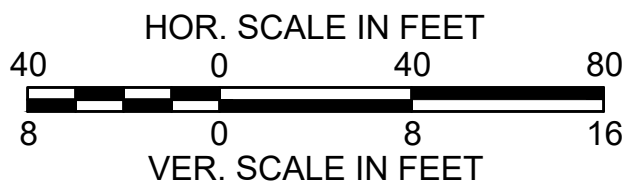


FOR CONSTRUCTION PLAN SEE SHEET 12

LINCOLN AVENUE



FOR CONSTRUCTION PLAN SEE SHEET 16



ORANGE - LAYOUT NO. XXXX																	
PARCEL NO.	PLAN SHEET NO.	TITLEHOLDER	TITLE REFERENCE				AREA (S.F. +/-)						TOTAL PROPERTY AREA (S.F.)	FRONTAGE ON ROW PLAN (FT.)	PROPERTY ADDRESS	REMARKS	LAND RESTRICTION FROM THE DEED
			DEED BOOK	PAGE NO.	LCC NO.	CERT NO.	TAKEN		EASEMENT		TOTAL TAKEN	REMAINING					
							TOWN	STATE	TYPE	AREA							
PUE-1	14	THE ORANGE HISTORICAL SOCIETY	870	251					PERM	534			19735	142	41 NORTH MAIN STREET	OVERHEAD UTILITY WIRES	
TE-1	14	THE ORANGE HISTORICAL SOCIETY	870	251					TEMP	549						SIDEWALK AND DRIVEWAY CONSTRUCTION, SLOPE GRADING (2:1 MAX), TEMP FENCING, TEMP COMPOST FILTER TUBES, RET. WALL CONSTR.	
PUE-3	14 & 15	THE ORANGE HISTORICAL SOCIETY, INC.	6032	226					PERM	174			9350	43	47 NORTH MAIN STREET	OVERHEAD UTILITY WIRES	
TE-2	14 & 15	THE ORANGE HISTORICAL SOCIETY, INC.	6032	226					TEMP	634						SLOPE GRADING (2:1 MAX), RET. WALL CONST. STAIR REMOVAL AND REPLACEMENT, TEMP FENCING, TEMP COMPOST FILTER TUBES	
PUE-4	15	ISEUM SANCTUARY	7331	330					PERM	486			13953	78	32 HIGH STREET	OVERHEAD UTILITY WIRES AND GUY WIRE	
TE-3	14 & 15	ISEUM SANCTUARY	7331	330					TEMP	1259						SLOPE GRADING (2:1 MAX), RET. WALL CONST. STAIR REMOVAL AND REPLACEMENT, TREE REMOVAL, TEMP FENCING, TEMP COMPOST FILTER TUBES	
TE-47	15	ISEUM SANCTUARY	7331	330					TEMP	34						SLOPE GRADING (2:1 MAX), RET WALL CONST., TEMP FENCING, TEMP COMPOST FILTER TUBES	
16-T	14	BOMBADILLO LLC	6778	105			22				22	19119	19141	311	34 NORTH MAIN STREET	SIDEWALK	
TE-4	14	BOMBADILLO LLC	6778	105					TEMP	177						ACCESS FOR SIDEWALK CONSTRUCTION, SLOPE GRADING (2:1 MAX)	
TE-44	14	BOMBADILLO LLC	6778	105					TEMP	641						ACCESS FOR DRIVEWAY CONSTRUCTION, SLOPE GRADING (2:1 MAX)	
1-T	14 & 15	DONALD A. THERIAULT, SR. & COLLEEN C. THERIAULT	5111	251			432				432	15886	16318	268	48 NORTH MAIN STREET	RETAINING WALL	
W-1	14 & 15	DONALD A. THERIAULT, SR. & COLLEEN C. THERIAULT	5111	251					PERM	247						CONC GRAVITY WALL	
GR-1	14	DONALD A. THERIAULT, SR. & COLLEEN C. THERIAULT	5111	251					PERM	179						GUARDRAIL	
TE-5	14 & 15	DONALD A. THERIAULT, SR. & COLLEEN C. THERIAULT	5111	251					TEMP	2020						SLOPE GRADING (2:1 MAX), REBUILD STEPS, TEMP COMPOST FILTER TUBES, DRIVEWAY CONSTRUCTION	
TE-6	14 & 15	VICTOR G. MACDONALD & LAURIE J. MACDONALD	2853	2					TEMP	493				64	54 NORTH MAIN STREET	DRIVEWAY GRADING, SLOPE GRADING (2:1 MAX), WALKWAY CONST.	
TE-7	15	STANLEY F. HARRIS & BRENDA J. HARRIS	2990	36					TEMP	402				102	57 NORTH MAIN STREET	SLOPE GRADING (2:1 MAX)	
TE-8	15	DAY LONE-WOLF CARROLL & ANN G. FORCIER	3662	309					TEMP	1066				177	48 HIGH STREET	RETAINING WALL DEMO & CONSTRUCTION, SLOPE GRADING (2:1 MAX), TEMP FENCING, TEMP COMPOST FILTER TUBES	
TE-9	15	ANN G. FORCIER & DAY LONE-WOLF CARROLL	2187	25					TEMP	1501				83	77 NORTH MAIN STREET	RETAINING WALL & STEPS DEMO & CONSTRUCTION, SLOPE GRADING (2:1 MAX), TEMP FENCING, TEMP COMPOST FILTER TUBES	
TE-10	15 & 16	JIMI-LEE JOHNSON & ASHLEY MARIE JOHNSON	7341	60					TEMP	2040				154	85 NORTH MAIN STREET	RETAINING WALL & STEPS DEMO & CONSTRUCTION, SLOPE GRADING (2:1 MAX), TEMP FENCING, TEMP COMPOST FILTER TUBES	
PUE-18	15	DAVID A. BECKWITH, JR.	7511	102					PERM	116			18865	103	58-60 NORTH MAIN STREET	UTILITY POLE & GUY WIRE	
TE-11	14 & 15	DAVID A. BECKWITH, JR.	7511	102					TEMP	895						SLOPE GRADING (2:1 MAX), WALKWAY CONSTRUCTION, DRIVEWAY CONSTRUCTION	
12-T	15	VICTOR G. MACDONALD & LAURIE J. MACDONALD	6060	37			2				2	17622	17624	66	66 NORTH MAIN STREET	SIDEWALK	
PUE-5	15	VICTOR G. MACDONALD & LAURIE J. MACDONALD	6060	37					PERM	87						OVERHEAD UTILITY WIRES & GUY WIRE	
TE-39	15	VICTOR G. MACDONALD & LAURIE J. MACDONALD	6060	37					TEMP	389						SLOPE GRADING (2:1 MAX), WALKWAY CONSTRUCTION, DRIVEWAY CONSTRUCTION	
13-T	15	AMES RENTAL PROPERTIES LLC	6128	176			1				1	13065	13066	75	72 NORTH MAIN STREET	SIDEWALK	
PUE-6	15	AMES RENTAL PROPERTIES LLC	6128	176					PERM	88						OVERHEAD UTILITY WIRES	
TE-13	15	AMES RENTAL PROPERTIES LLC	6128	176					TEMP	701						SLOPE GRADING (2:1 MAX), WALKWAY CONSTRUCTION, DRIVEWAY CONSTRUCTION	
14-T	15	LAURIE MACDONALD	4522	5			1				1	18814	18815	79	76-78 NORTH MAIN STREET	SIDEWALK	
PUE-7	15	LAURIE MACDONALD	4522	5					PERM	100						OVERHEAD UTILITY WIRES	
TE-14	15	LAURIE MACDONALD	4522	5					TEMP	749						SLOPE GRADING (2:1 MAX), DRIVEWAY CONSTRUCTION	
PUE-8	15	VICTOR MACDONALD & LAURIE MACDONALD	5525	209					PERM	143			25548	78	80-84 NORTH MAIN STREET	OVERHEAD UTILITY WIRES & GUY WIRE	
TE-15	15	VICTOR MACDONALD & LAURIE MACDONALD	5525	209					TEMP	854						SLOPE GRADING (2:1 MAX)	
PUE-9	15 & 16	SHAKER REALTY NOMINEE TRUST	2826	250					PERM	8			25242	84	88-90 NORTH MAIN STREET	OVERHEAD UTILITY WIRES	
TE-16	15 & 16	SHAKER REALTY NOMINEE TRUST	2826	250					TEMP	643						SLOPE GRADING (2:1 MAX), WALKWAY CONSTRUCTION	
TE-17	16	RICHARD LAROSE & REBECCA LAROSE	7626	84					TEMP	4461				162	105A NORTH MAIN STREET	SLOPE GRADING (2:1 MAX), DRIVEWAY CONSTRUCTION, RET. WALL DEMO & CONSTR.	

ORANGE, MA NORTH MAIN STREET			
STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	9	18
PROJECT FILE NO.		603371	

PRELIMINARY RIGHT OF WAY
PARCEL SUMMARY SHEET
PART 1 OF 3

PROJECT TOTALS			
AFFECTED PROPERTIES	FEE TAKINGS	PERMANENT EASEMENTS	TEMPORARY EASEMENTS
32	15	26	41

ORANGE - LAYOUT NO. XXXX																	
PARCEL NO.	PLAN SHEET NO.	TITLEHOLDER	TITLE REFERENCE				AREA (S.F. +/-)				TOTAL PROPERTY AREA (S.F.)	FRONTAGE ON ROW PLAN (FT.)	PROPERTY ADDRESS	REMARKS	LAND RESTRICTION FROM THE DEED		
			DEED BOOK	PAGE NO.	LCC NO.	CERT NO.	TAKEN		EASEMENT							TOTAL TAKEN	REMAINING
							TOWN	STATE	TYPE	AREA							
TE-18	16	SHAWN SAULNIER WITH A LIFE ESTATE IN CAROL NOEL	5152	30					TEMP	1555				215	84 HIGH STREET	SLOPE GRADING (2:1 MAX), RET. WALL CONSTR.	
9-T	16	WAYNE D. WHITMORE & KELLYANNE WHITMORE	6032	219			91				91	30834	30925	172	96 NORTH MAIN STREET	SIDEWALK	
PUE-10	16	WAYNE D. WHITMORE & KELLYANNE WHITMORE	6032	219					PERM	340						OVERHEAD UTILITY WIRES & GUY WIRES	
TE-21	15 & 16	WAYNE D. WHITMORE & KELLYANNE WHITMORE	6032	219					TEMP	791						SLOPE GRADING (2:1 MAX), WALKWAY CONSTRUCTION, DRIVEWAY CONSTRUCTION	
TE-40	16	WAYNE D. WHITMORE & KELLYANNE WHITMORE	6032	219					TEMP	444						SLOPE GRADING (2:1 MAX)	
10-T	16	ROBERT M. JALBERT & GERALD M. MARCIANO	4776	236			1				1	14186	14187	82	106-108 NORTH MAIN STREET	SIDEWALK	
PUE-11	16	ROBERT M. JALBERT & GERALD M. MARCIANO	4776	236					PERM	108						OVERHEAD UTILITY WIRES	
TE-22	16	ROBERT M. JALBERT & GERALD M. MARCIANO	4776	236					TEMP	634						SLOPE GRADING (2:1 MAX), WALKWAY CONSTRUCTION, DRIVEWAY CONSTRUCTION	
PUE-12	16	ROBERT M. JALBERT & GERALD M. MARCIANO	4794	42					PERM	80			14078	82	114 NORTH MAIN STREET	OVERHEAD UTILITY WIRES & GUY WIRE	
TE-23	16	ROBERT M. JALBERT & GERALD M. MARCIANO	4794	42					TEMP	456						SLOPE GRADING (2:1 MAX)	
TE-24	16	JEREMY M. PACKARD & ANGEL M. HAVENER	6210	132					TEMP	389				78	124 NORTH MAIN STREET	SLOPE GRADING (2:1 MAX), WALKWAY CONSTRUCTION, DRIVEWAY CONSTRUCTION	
3-T	17	DAVID A. BECKWITH, JR. & AMY PERSON	7375	124			100				102	26973	27075	166	130 NORTH MAIN STREET	RETAINING WALL	
11-T	16 & 17	DAVID A. BECKWITH, JR. & AMY PERSON	7375	124			2									SIDEWALK	
PUE-13	16 & 17	DAVID A. BECKWITH, JR. & AMY PERSON	7375	124					PERM	203						OVERHEAD UTILITY WIRES & GUY WIRE	
GR-2	17	DAVID A. BECKWITH, JR. & AMY PERSON	7375	124					PERM	232						GUARDRAIL	
W-2	17	DAVID A. BECKWITH, JR. & AMY PERSON	7375	124					PERM	63						RETAINING WALL	
TE-25	16 & 17	DAVID A. BECKWITH, JR. & AMY PERSON	7375	124					TEMP	666						SLOPE GRADING (2:1 MAX), WALKWAY CONSTRUCTION, DRIVEWAY CONSTRUCTION	
TE-26	16 & 17	DAVID A. BECKWITH, JR. & AMY PERSON	7375	124					TEMP	741						SLOPE GRADING (2:1 MAX), DRIVEWAY CONSTRUCTION, TEMP COMPOST FILTER TUBES	
4-T	17	CYNTHIA M. TUCKER	3579	222			353				353	24224	24577	72	14 WOOD PLACE	RETAINING WALL	
W-3	17	CYNTHIA M. TUCKER	3579	222					PERM	200						RETAINING WALL	
TE-27	17	CYNTHIA M. TUCKER	3579	222					TEMP	356						SLOPE GRADING (2:1 MAX), TEMP COMPOST FILTER TUBES	
5-T	17	DANIEL ASHWORTH WITH A LIFE ESTATE IN SUSANNE ASHWORTH	6919	81			117				117	21915	22032	245	6 WOOD PLACE	RETAINING WALL	
W-4	17	DANIEL ASHWORTH WITH A LIFE ESTATE IN SUSANNE ASHWORTH	6919	81					PERM	140						RETAINING WALL	
TE-28	17	DANIEL ASHWORTH WITH A LIFE ESTATE IN SUSANNE ASHWORTH	6919	81					TEMP	445						SLOPE GRADING (2:1 MAX), TEMP COMPOST FILTER TUBES	
6-T	17 & 18	STACY M. WILSON & ROBERT J. WILSON	6154	239			1433				1433	35570	37003	420	15 WINTER STREET	SITE CLEARING, INSTALLATION OF RETAINING WALL, RIP RAP AT CULVERT OUTLET, STONE FOR PIPE ENDS, AT DRAINAGE OUTLET, VEGETATED SWALE	
W-5	17	STACY M. WILSON & ROBERT J. WILSON	6154	239					PERM	545						SITE CLEARING, INSTALLATION OF RETAINING WALL, RIP RAP AT CULVERT OUTLET, STONE FOR PIPE ENDS, AT DRAINAGE OUTLET, VEGETATED SWALE	
X-C-1	17	STACY M. WILSON & ROBERT J. WILSON	6154	239					PERM	1069						SITE CLEARING, TEMP COMPOST FILTER TUBES & SILT FENCE, RIP RAP INSTALLATION ALONG NEW STREAM CHANNEL, VEGETATED SWALE, PLANTINGS	
PUE-19	17	STACY M. WILSON & ROBERT J. WILSON	6154	239					PERM	679						OVERHEAD WIRES, REMOVE AND REBUILD STONE WALL, TEMP STONE WALL BRACING, TEMP COMPOST FILTER TUBES & SILT FENCE, TEMP ACCESS RAMP, SITE LEARING, PLANTINGS	
TWLR-1	17	STACY M. WILSON & ROBERT J. WILSON	6154	239					TEMP	288						SLOPE GRADING (2:1 MAX), TEMP COMPOST FILTER TUBES & SILT FENCE, SITE CLEARING, PLANTINGS, WETLAND REPLICATION AREA (10 YEAR TERM)	
TE-29	17 & 18	STACY M. WILSON & ROBERT J. WILSON	6154	239					TEMP	1793						SLOPE GRADING (2:1 MAX), TEMP COMPOST FILTER TUBES & SILT FENCE, SITE CLEARING, PLANTINGS, TEMP ACCESS RAMP	
TE-46	17 & 18	STACY M. WILSON & ROBERT J. WILSON	6154	239					TEMP	294						SLOPE GRADING (2:1 MAX), TEMP COMPOST FILTER TUBES & SILT FENCE, SITE CLEARING, PLANTINGS, TEMP STONE WALL BRACING INSTALLTION, REMOVE AND REBUILD STONE WALL	
7-T	17 & 18	RYAN SMITH, SR. & ALMAS OMAR	7432	59			109				109	11450	11559	96	178 NORTH MAIN STREET	RETAINING WALL	
W-6	17 & 18	RYAN SMITH, SR. & ALMAS OMAR	7432	59					PERM	91						RETAINING WALL, REMOVE AND REBUILD STONE WALL	
TE-30	17 & 18	RYAN SMITH, SR. & ALMAS OMAR	7432	59					TEMP	2169						SLOPE GRADING (2:1 MAX), REMOVE AND REBULD STONE WALL, TEMP STONE WALL BRACING INSTALLATION, SITE CLEARING, PLANTINGS	
TE-31	18	ANTHONY MCCORMACK-CORDA & ALYSSA SANSOSSIO	7578	24					TEMP	949				75	182 NORTH MAIN STREET	SLOPE GRADING (2:1 MAX), WALKWAY CONSTRUCTION, DRIVEWAY CONSTRUCTION	

ORANGE, MA
NORTH MAIN STREET

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	10	18
PROJECT FILE NO.		603371	

PRELIMINARY RIGHT OF WAY
PARCEL SUMMARY SHEET
PART 2 OF 3

ORANGE - LAYOUT NO. XXXX																	
PARCEL NO.	PLAN SHEET NO.	TITLEHOLDER	TITLE REFERENCE				AREA (S.F. +/-)						TOTAL PROPERTY AREA (S.F.)	FRONTAGE ON ROW PLAN (FT.)	PROPERTY ADDRESS	REMARKS	LAND RESTRICTION FROM THE DEED
			DEED BOOK	PAGE NO.	LCC NO.	CERT NO.	TAKEN		EASEMENT		TOTAL TAKEN	REMAINING					
							TOWN	STATE	TYPE	AREA							
15-T	18	REINOL E. SUAREZ	7458	278			9				9	8983	8992	79	190 NORTH MAIN STREET	SIDEWALK	
TE-32	18	REINOL E. SUAREZ	7458	278					TEMP	1074						SLOPE GRADING (2:1 MAX), DRIVEWAY CONSTRUCTION, STEP DEMO & CONSTRUCTION	
TE-33	18	BANK OF AMERICA, NATIONAL ASSOCIATION	5652	322					TEMP	891				177	194 NORTH MAIN STREET	SLOPE GRADING (2:1 MAX) , RET WALL AND STEP DEMO & CONSTRUCTION	
8-T	18	CHRISTOPHER T. COLO IRREVOCABLE TRUST	8001	81			268				268	35099	35367	517	26 DEXTER STREET	FALL HILL BROOK CULVERT HEADWALL, SITE CLEARING, TEMP COMPOST FILTER TUBES & SILT FENCE, PLANTINGS	
PUE-14	18	CHRISTOPHER T. COLO IRREVOCABLE TRUST	8001	81					PERM	296						UTILITY GUY WIRES	
PUE-15	18	CHRISTOPHER T. COLO IRREVOCABLE TRUST	8001	81					PERM	811						OVERHEAD UTILITY WIRES & GUY WIRE	
TE-34	18	CHRISTOPHER T. COLO IRREVOCABLE TRUST	8001	81					TEMP	297						SLOPE GRADING (2:1 MAX), TEMP COMPOST FILTERTUBES	
TE-41	18	CHRISTOPHER T. COLO IRREVOCABLE TRUST	8001	81					TEMP	1581						SLOPE GRADING (2:1 MAX), TEMP COMPOST FILTERTUBES & SILT FENCE	
TE-42	18	CHRISTOPHER T. COLO IRREVOCABLE TRUST	8001	81					TEMP	143						SLOPE GRADING (2:1 MAX), TEMP COMPOST FILTERTUBES & SILT FENCE	
TE-45	18	CHRISTOPHER T. COLO IRREVOCABLE TRUST	8001	81					TEMP	109						STONE FOR PIPE ENDS AT CULVERT	
PUE-17	18	MARIE M. MALLETT & MICHAEL BEZIO	3012	339					PERM	56			31192	382	206 NORTH MAIN STREET	UTILITY GUY WIRE	
TE-35	18	MARIE M. MALLETT & MICHAEL BEZIO	3012	339					TEMP	1233						SLOPE GRADING (2:1 MAX), SIDEWALK CONSTRUCTION ACCESS	

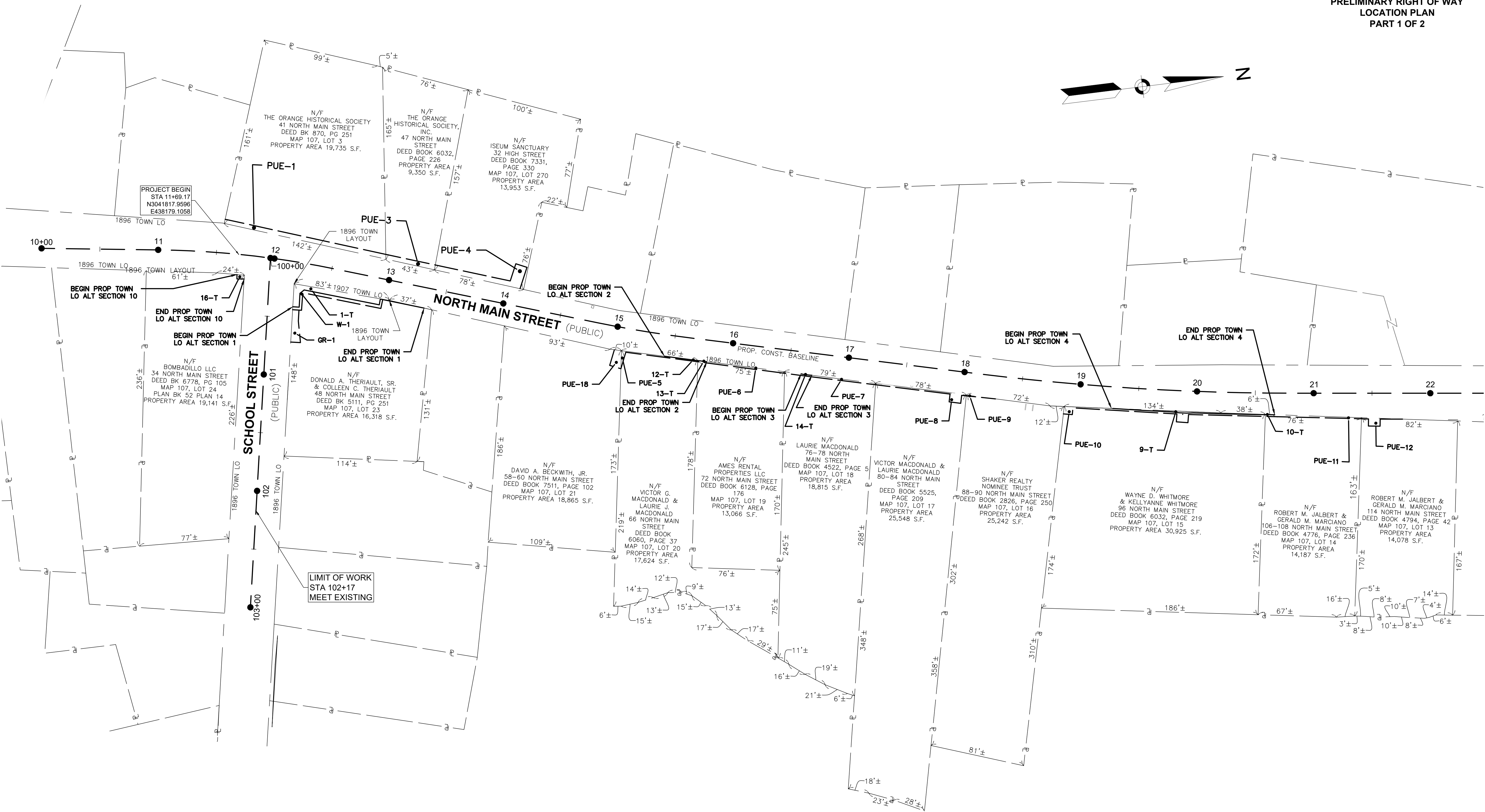
ORANGE, MA NORTH MAIN STREET			
STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	11	18
PROJECT FILE NO.		603371	

PRELIMINARY RIGHT OF WAY
PARCEL SUMMARY SHEET
PART 3 OF 3

ORANGE, MA
NORTH MAIN STREET

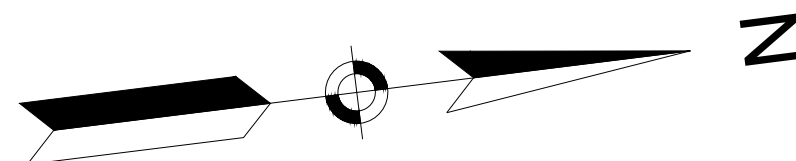
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MA	-	12	18
PROJECT FILE NO. 603371			

PRELIMINARY RIGHT OF WAY
LOCATION PLAN
PART 1 OF 2



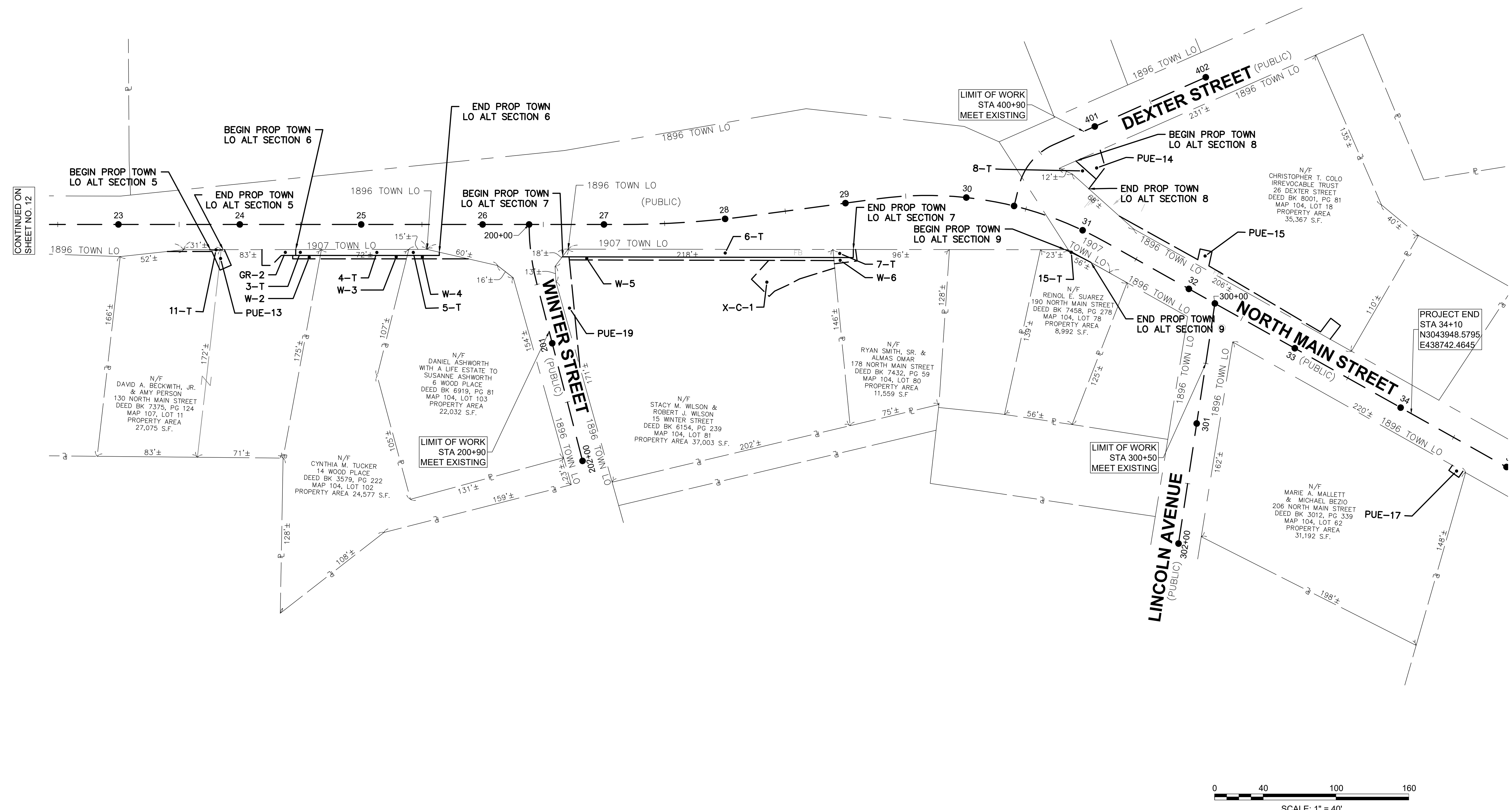
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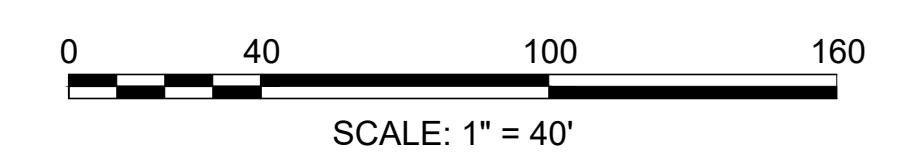


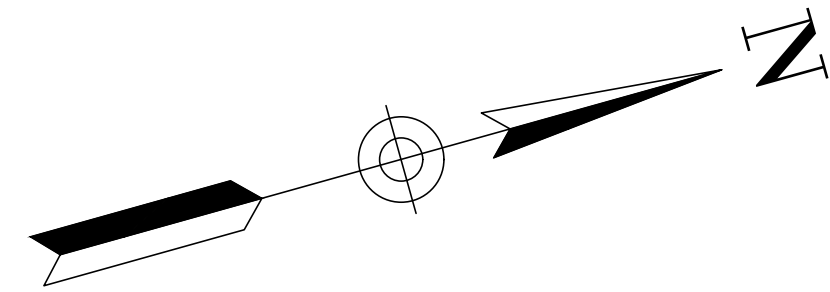
ORANGE, MA NORTH MAIN STREET			
STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	13	18
PROJECT FILE NO.		603371	

PRELIMINARY RIGHT OF WAY
LOCATION PLAN
PART 2 OF 2

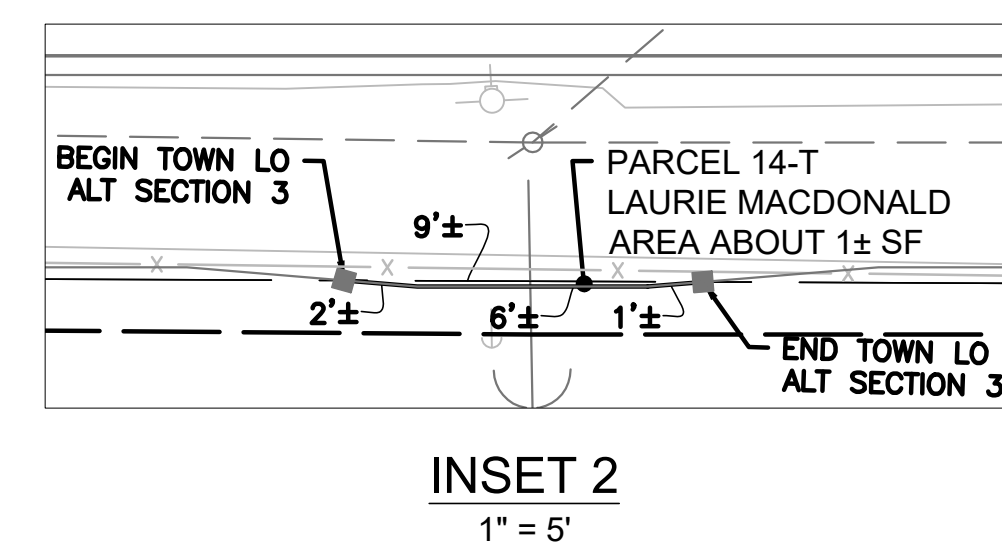
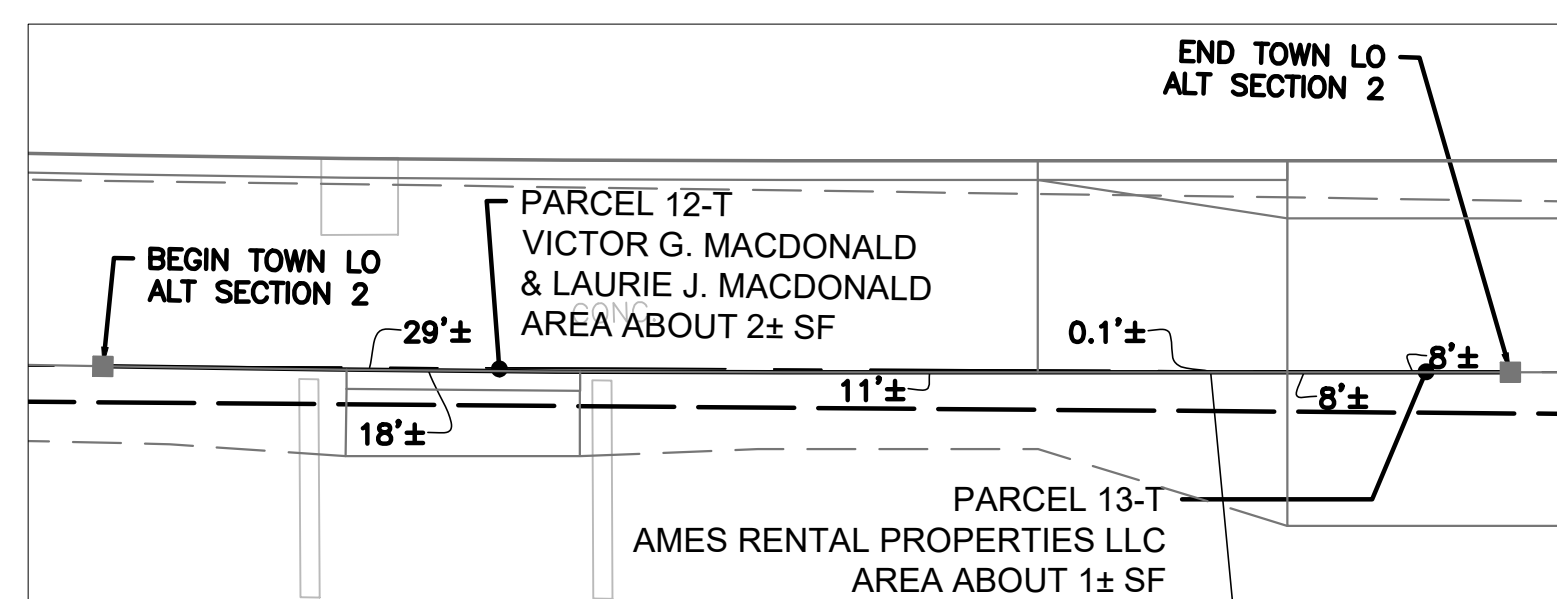


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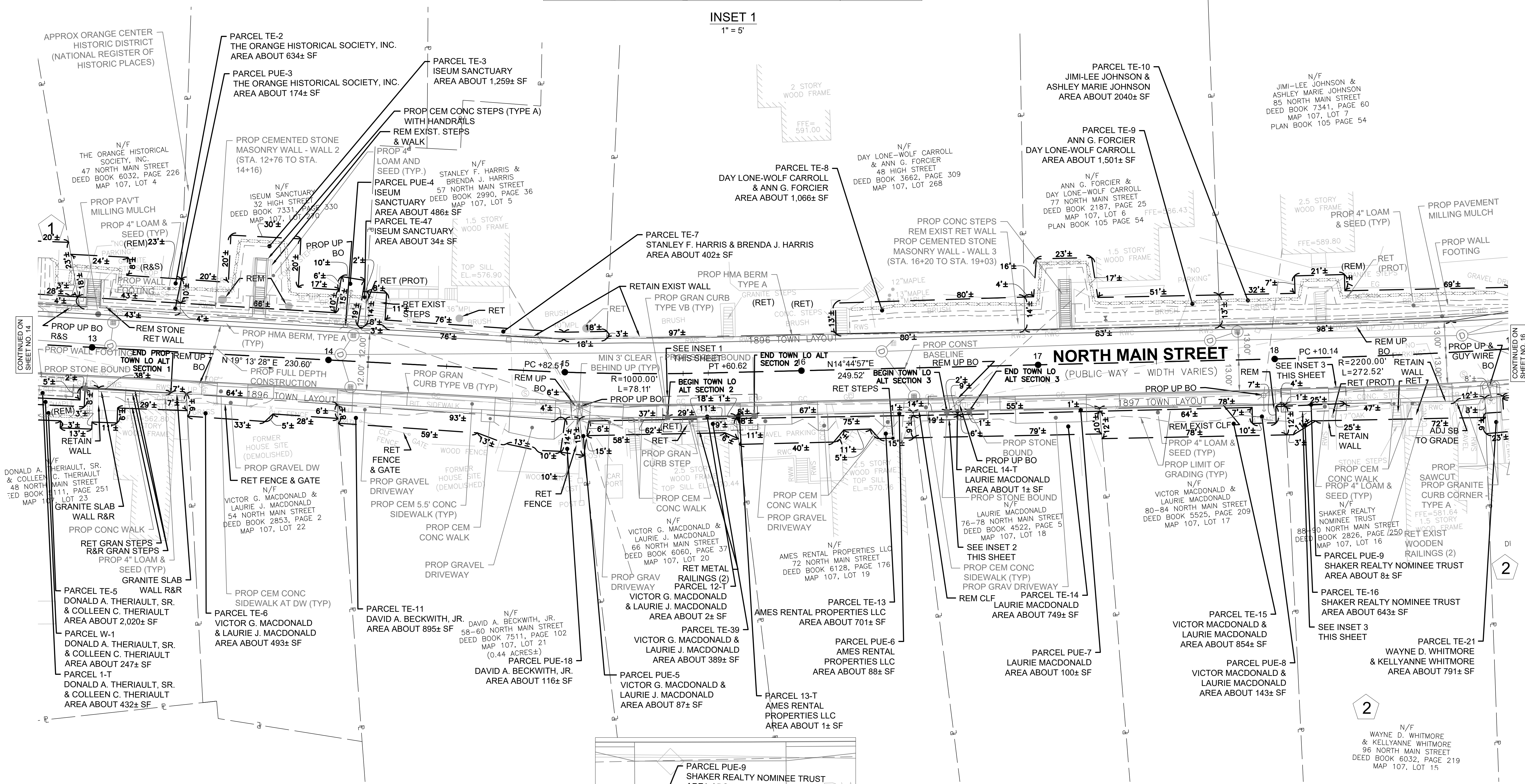


1
THE ORANGE HISTORICAL SOCIETY
41 NORTH MAIN STREET
DEED BOOK 870, PAGE 251
MAP 107, LOT 3

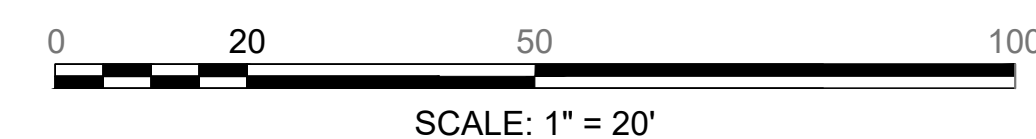
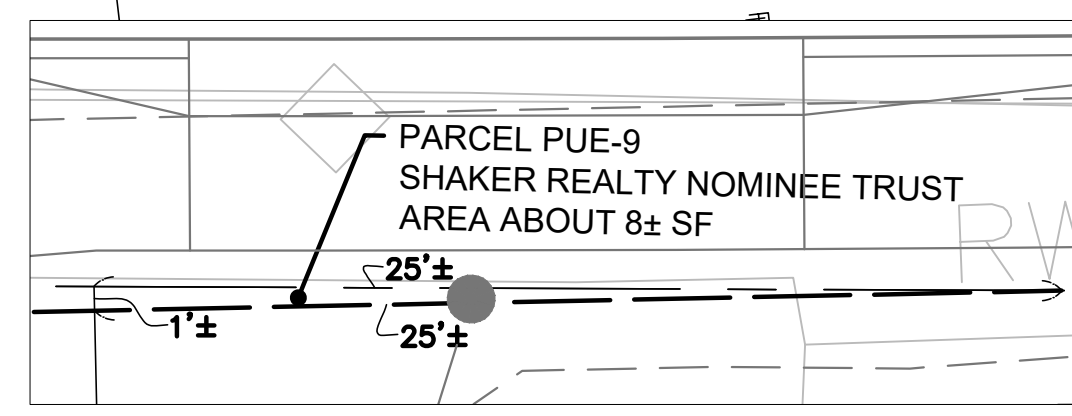


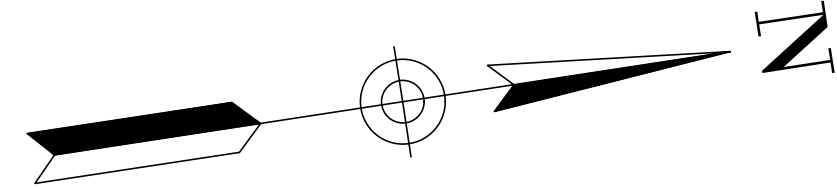
ORANGE, MA NORTH MAIN STREET			
STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	15	18
PROJECT FILE NO.		603371	

PRELIMINARY RIGHT OF WAY
PROPERTY PLAN
PART 2 OF 5



NOTE:
1. SEDIMENTATION FENCE SHALL BE USED IN ADDITION TO COMPOST FILTER TUBES ADJACENT TO WETLAND AREAS

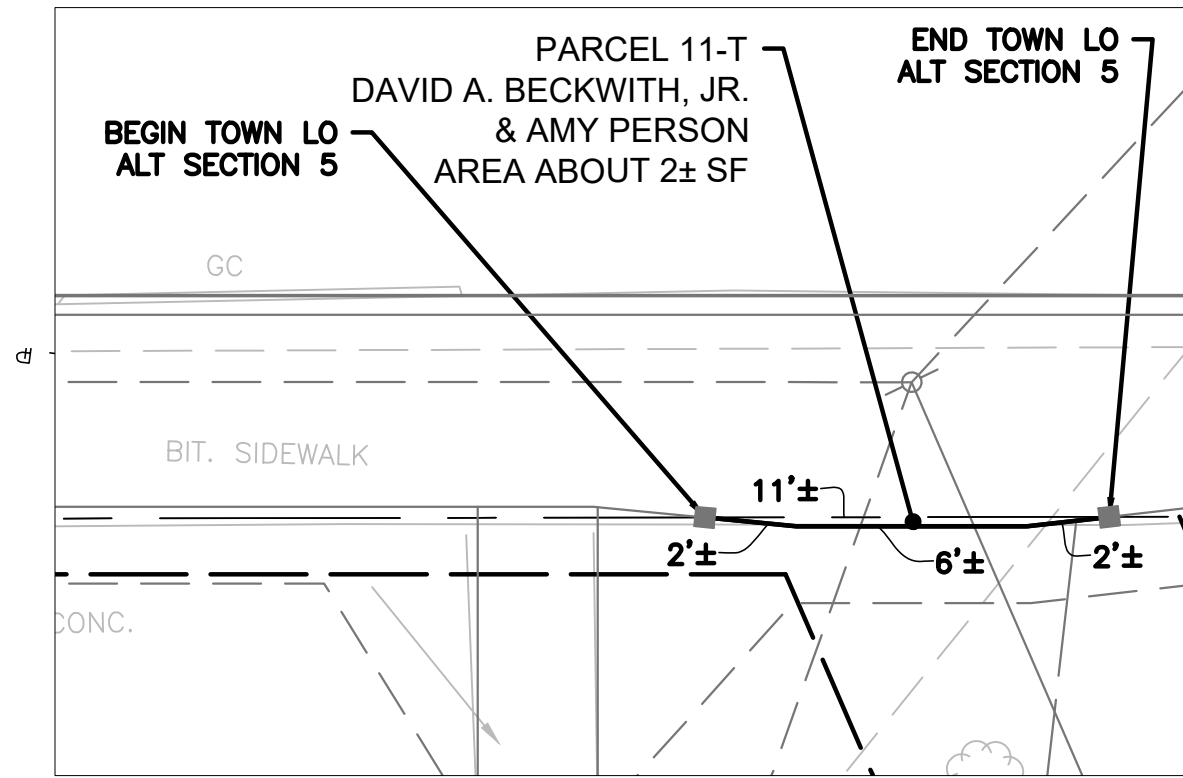




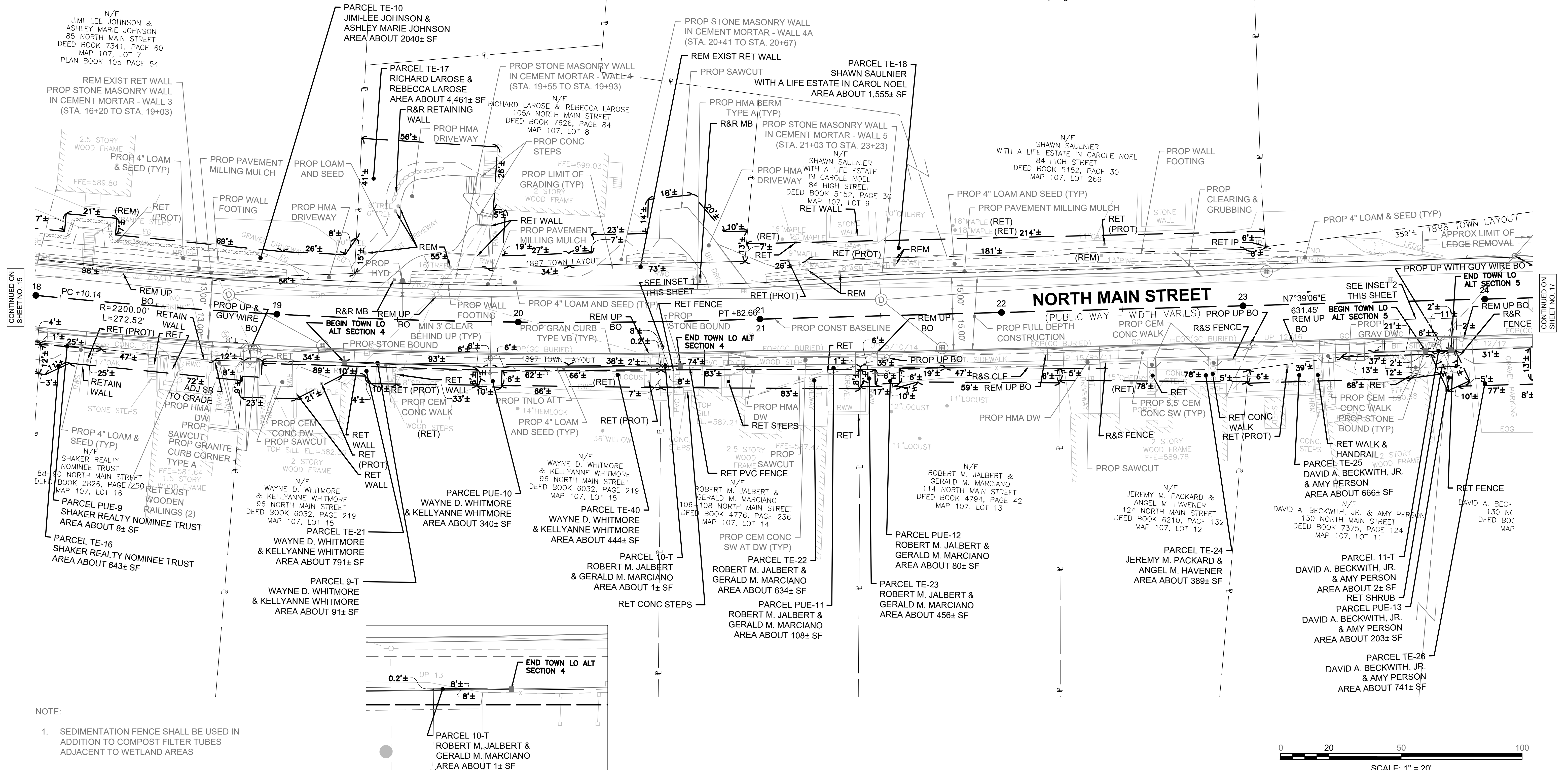
ORANGE, MA
NORTH MAIN STREET

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	16	18
PROJECT FILE NO. 603371			

PRELIMINARY RIGHT OF WAY
PROPERTY PLAN
PART 3 OF 5

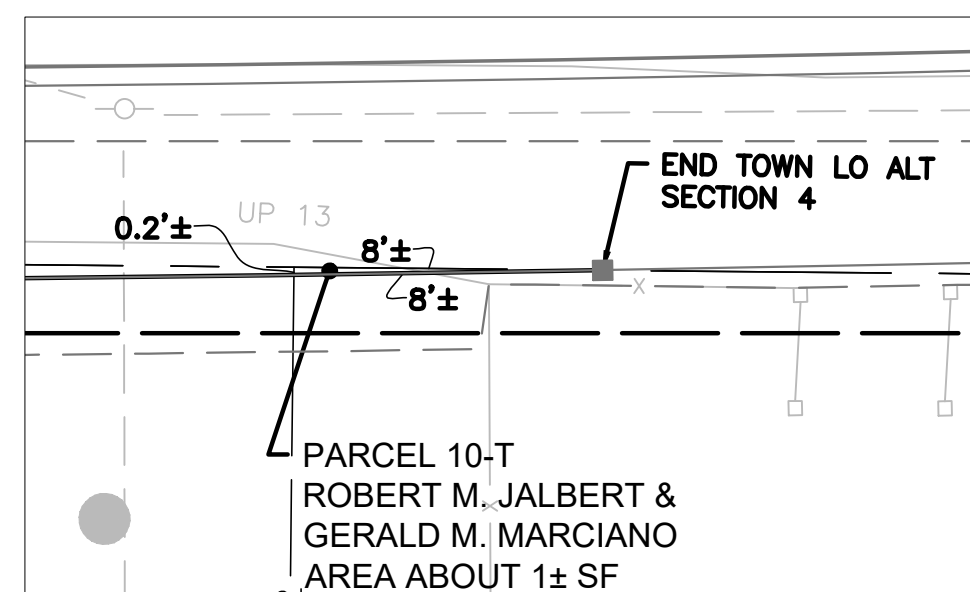


INSET 2
1" = 5'

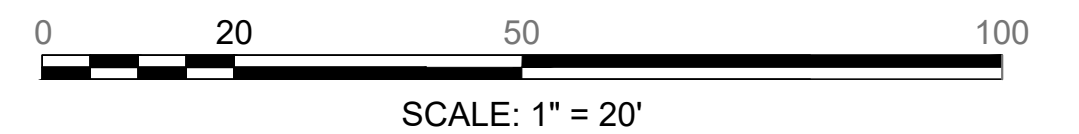


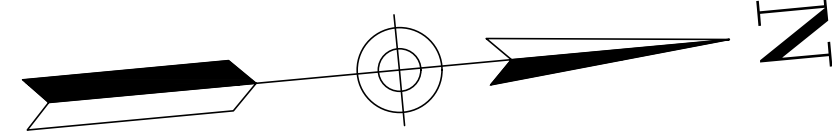
NOTE:

1. SEDIMENTATION FENCE SHALL BE USED IN ADDITION TO COMPOST FILTER TUBES ADJACENT TO WETLAND AREAS



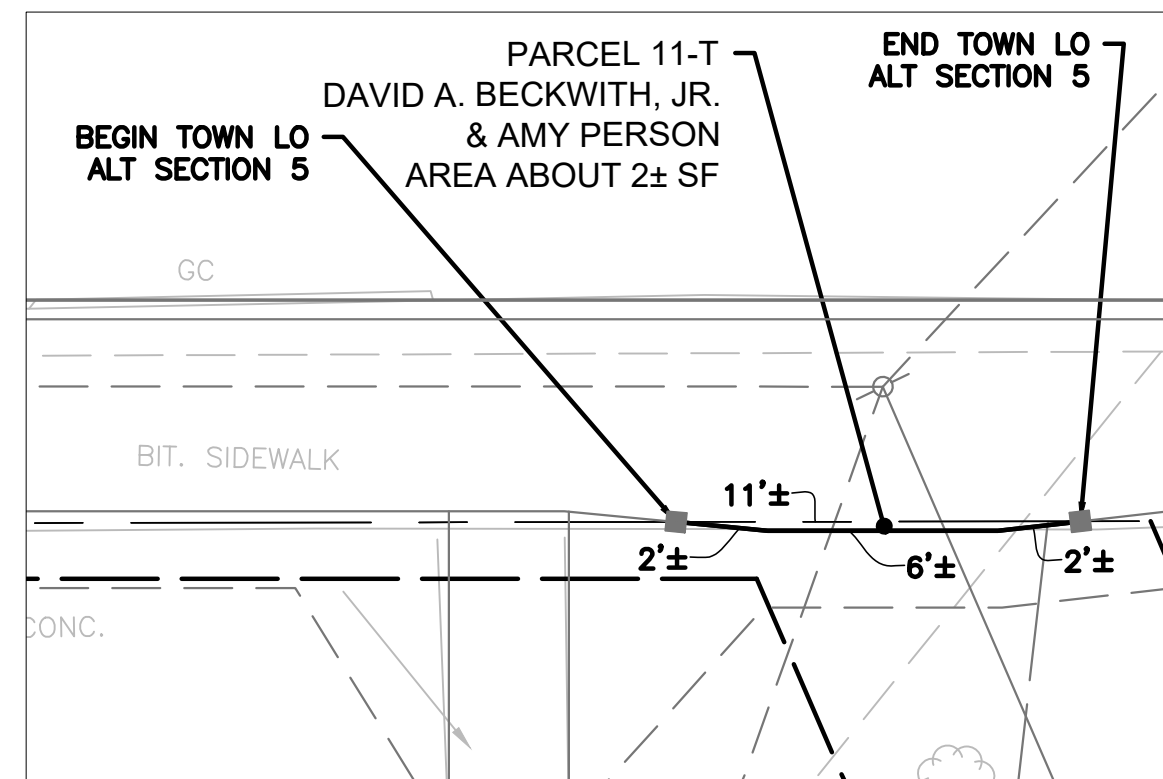
INSET 1
1" = 5'



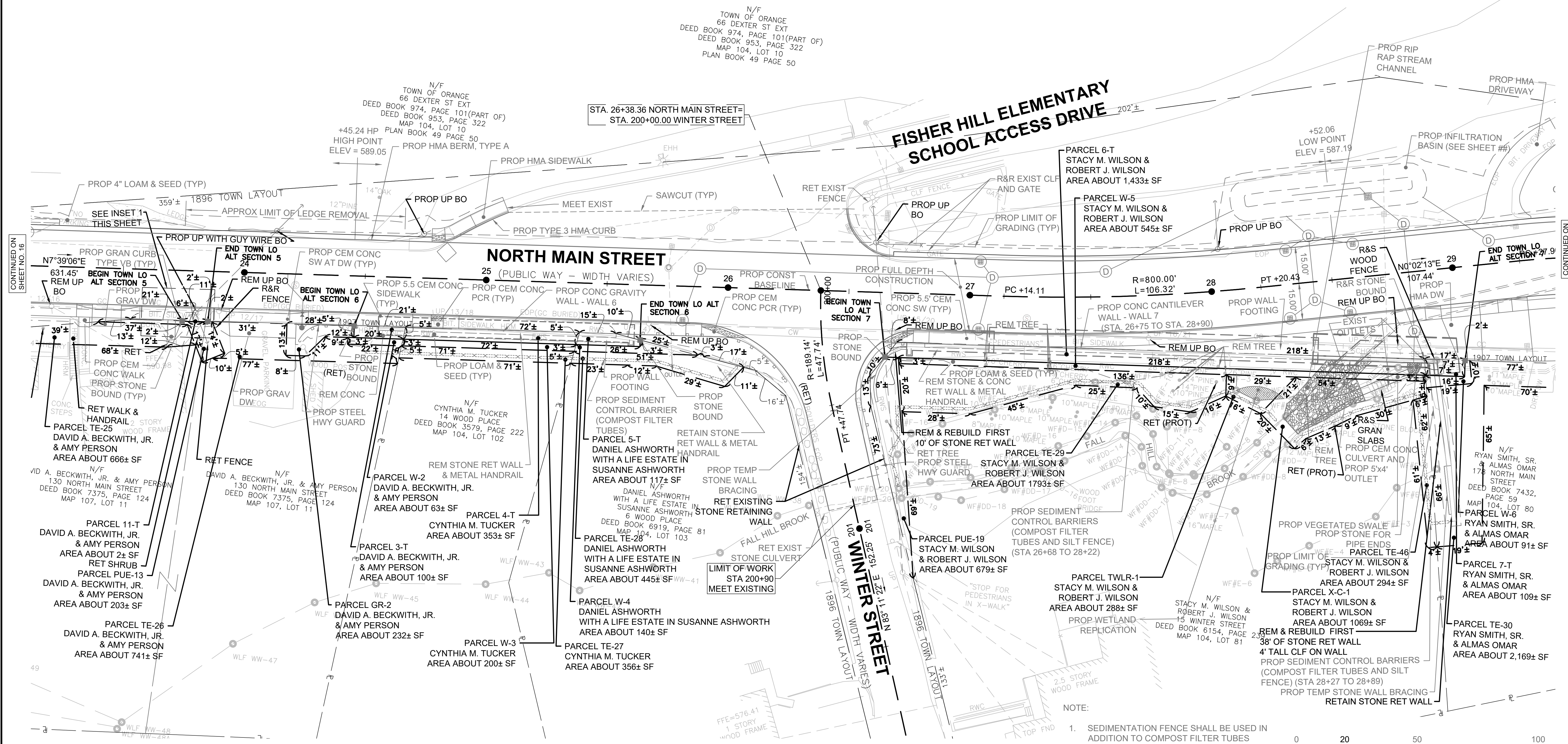


ORANGE, MA NORTH MAIN STREET			
STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	17	18
PROJECT FILE NO.		603371	

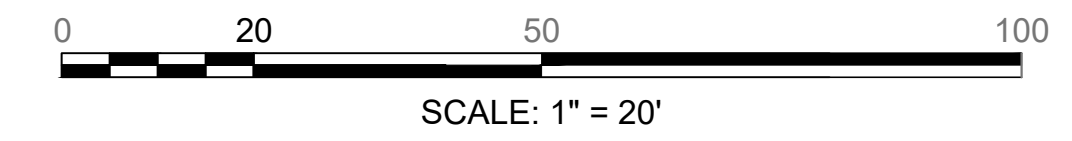
PRELIMINARY RIGHT OF WAY
PROPERTY PLAN
PART 4 OF 5



INSET 1
1" = 5'



NOTE:
1. SEDIMENTATION FENCE SHALL BE USED IN ADDITION TO COMPOST FILTER TUBES ADJACENT TO WETLAND AREAS



ORANGE, MA
NORTH MAIN STREET

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	18	18
PROJECT FILE NO.		603371	

PRELIMINARY RIGHT OF WAY
PROPERTY PLAN
PART 5 OF 5

