

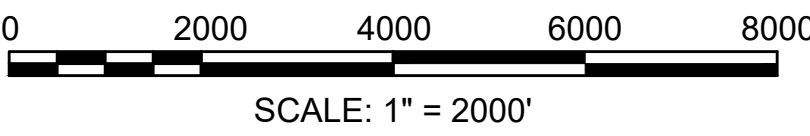
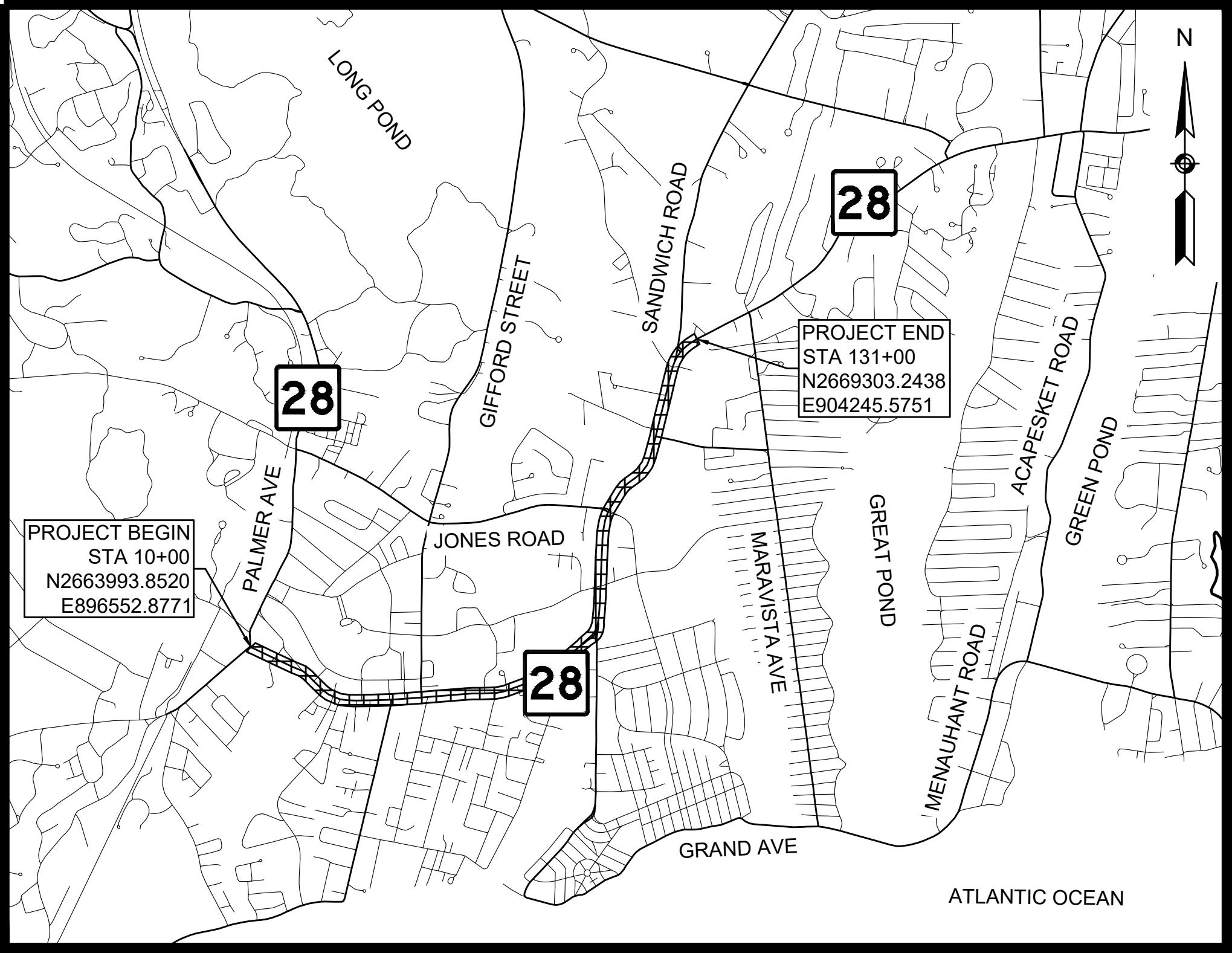
TOWN OF FALMOUTH BARNSTABLE COUNTY

FALMOUTH
ROUTE 28
TITLE SHEET & INDEX
SHEET 1 OF 14

PLAN OF
ROUTE 28

CONCEPTUAL DESIGN

SHEET NO.	DESCRIPTION
1	TITLE SHEET & INDEX
2	LEGEND & ABBREVIATIONS
3	KEY PLANS
4-14	CONCEPTUAL LAYOUT PLANS



LENGTH OF PROJECT = 12,100 FEET = 2.29 MILES



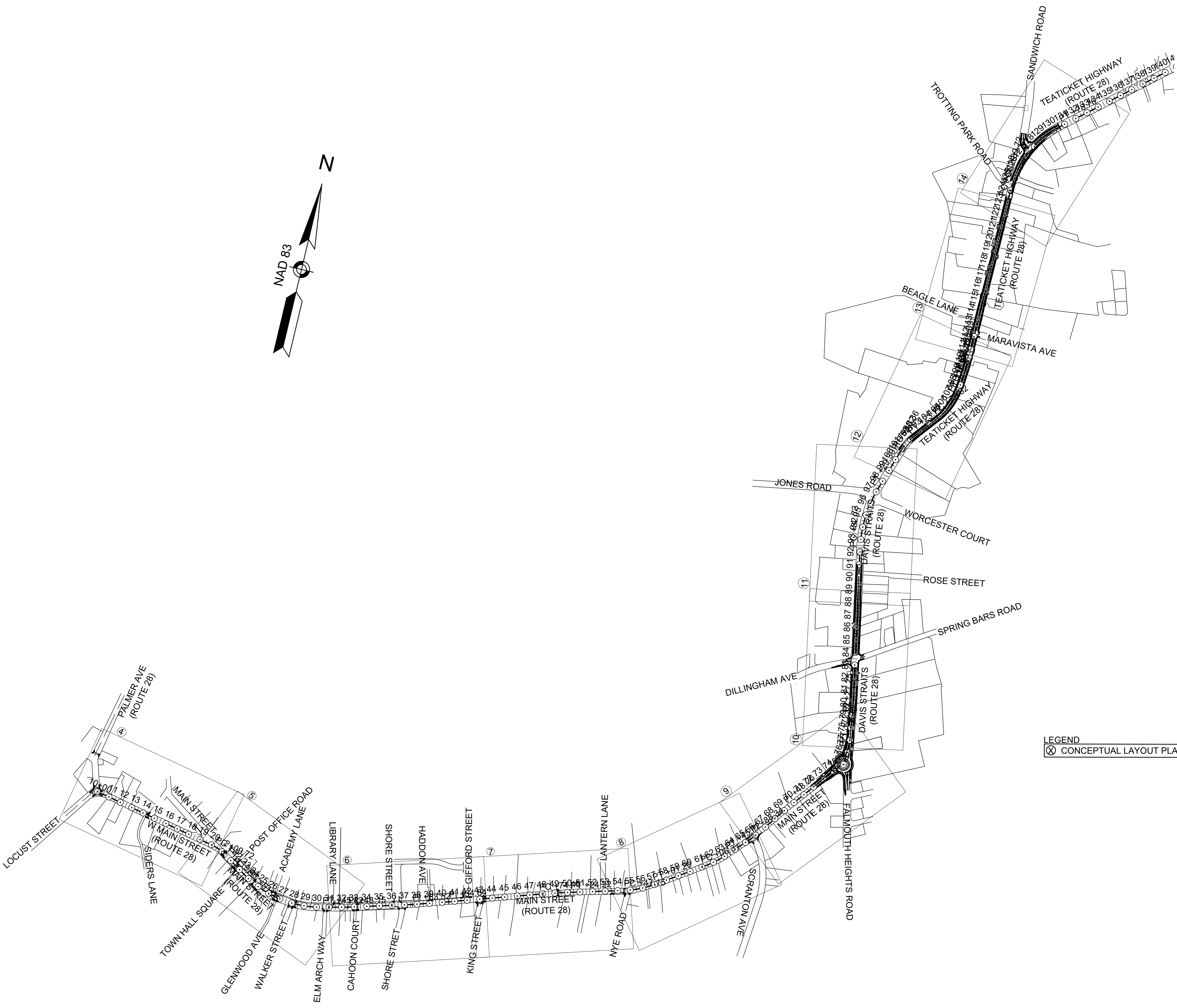
TEC, Inc.
146 Dascomb Road | 169 Ocean Blvd
Andover, MA 01810 | Hampton, NH 03842

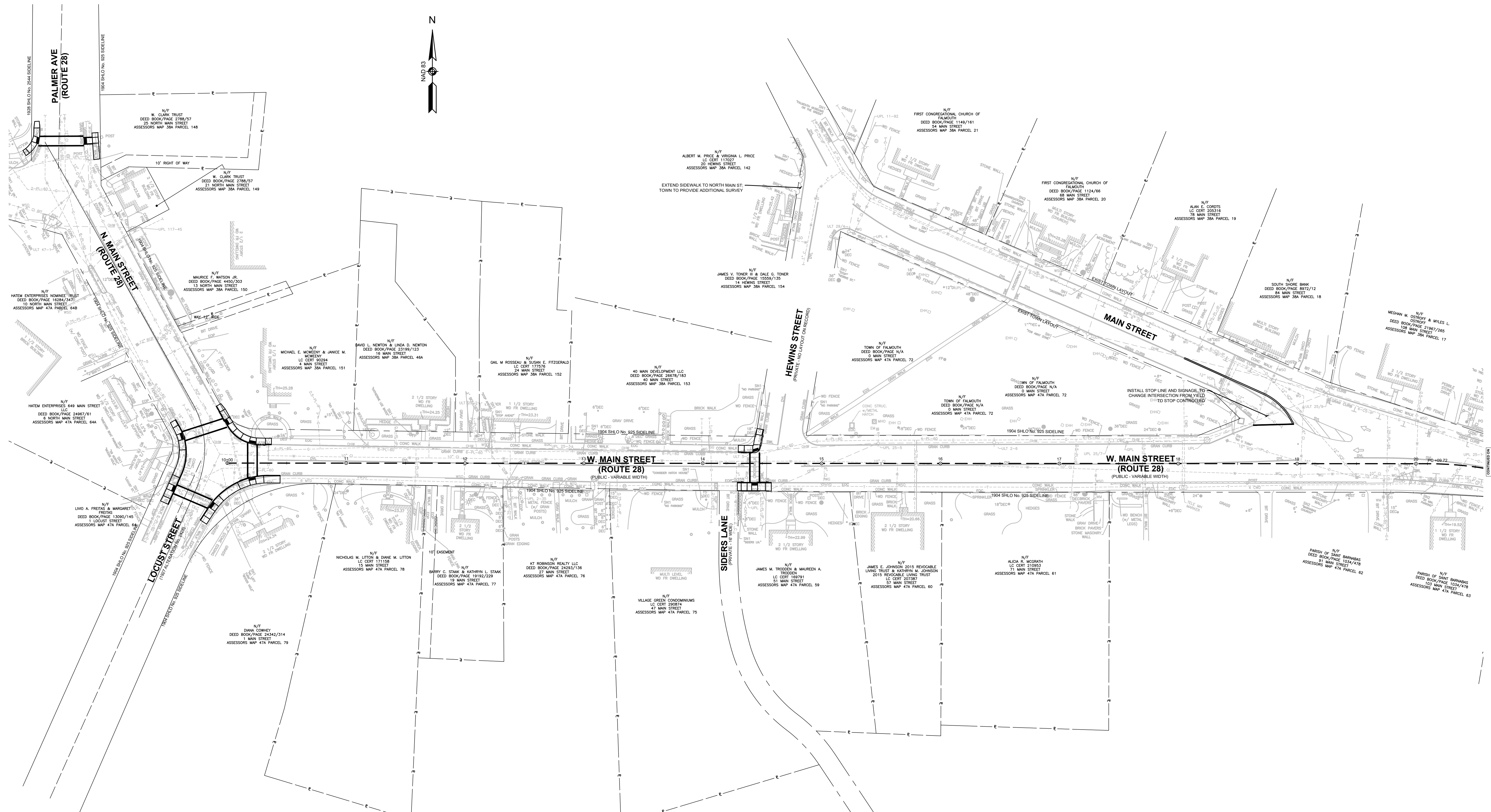
GENERAL SYMBOLS		
EXISTING	PROPOSED	DESCRIPTION
		JERSEY BARRIER
		CATCH BASIN OR GUTTER INLET
		CATCH BASIN OR GUTTER INLET W/ CURB INLET
		FLAG POLE
		GAS PUMP
		MAIL BOX
		POST SQUARE
		POST CIRCULAR
		WELL
		ELECTRIC HANDHOLE
		FENCE GATE POST
		GAS GATE
		BORING HOLE
		MONITORING WELL
		TEST PIT
		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
		WATER SHUTOFF/CURB STOP
		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
		CHAIN LINK OR METAL FENCE
		WOOD FENCE
		HAY BALES/SILT FENCE
		TREE LINE
		EDGE OF PAVEMENT
		SAWCUT LINE
		TOP OR BOTTOM OF SLOPE
		LIMIT OF EDGE OF MICROMILLING AND OVERLAY
		BANK OF RIVER OR STREAM
		BORDER OF WETLAND
		100 FT WETLAND BUFFER
		200 FT RIVERFRONT BUFFER
		STATE HIGHWAY LAYOUT
		TOWN OR CITY LAYOUT
		COUNTY LAYOUT
		RAILROAD SIDELINE
		TOWN OR CITY BOUNDARY LINE
		PROPERTY LINE OR APPROXIMATE PROPERTY LINE
		EASEMENT

TRAFFIC SYMBOLS		
EXISTING	PROPOSED	DESCRIPTION
		CONTROLLER CABINET, FOUNDATION
		CONTROLLER CABINET, FOUNDATION, CONC. PAD
		MAST ARM FOUNDATION (SCALE OF BLOCK = DIAMETER IN INCHES)
		MAST ARM (LENGTH NOTED)
		EMERGENCY PREEMPTION CONFIRMATION STROBE LIGHT
		VEHICULAR SIGNAL HEAD
		PEDESTRIAN SIGNAL HEAD
		MAST ARM OR TS POLE MOUNTED SIGN
		EMERGENCY PRE-EMPTION RECEIVER
		EMERGENCY PRE-EMPTION CONFIRMATION STROBE
		PEDESTRIAN PUSH BUTTON
		YAGI ANTENNA
		BICYCLE WIRE LOOP DETECTOR (SIZE AS NOTED)
		WIRE LOOP DETECTOR (SIZE AND TYPE NOTED)
		TRAFFIC SIGN (1 POST)
		TRAFFIC SIGN (2 POST)
		PULL BOX 12"x12" (OR AS NOTED)
		ELECTRIC HANDHOLE 12"x24" (OR AS NOTED)
		TRAFFIC SIGNAL CONDUIT

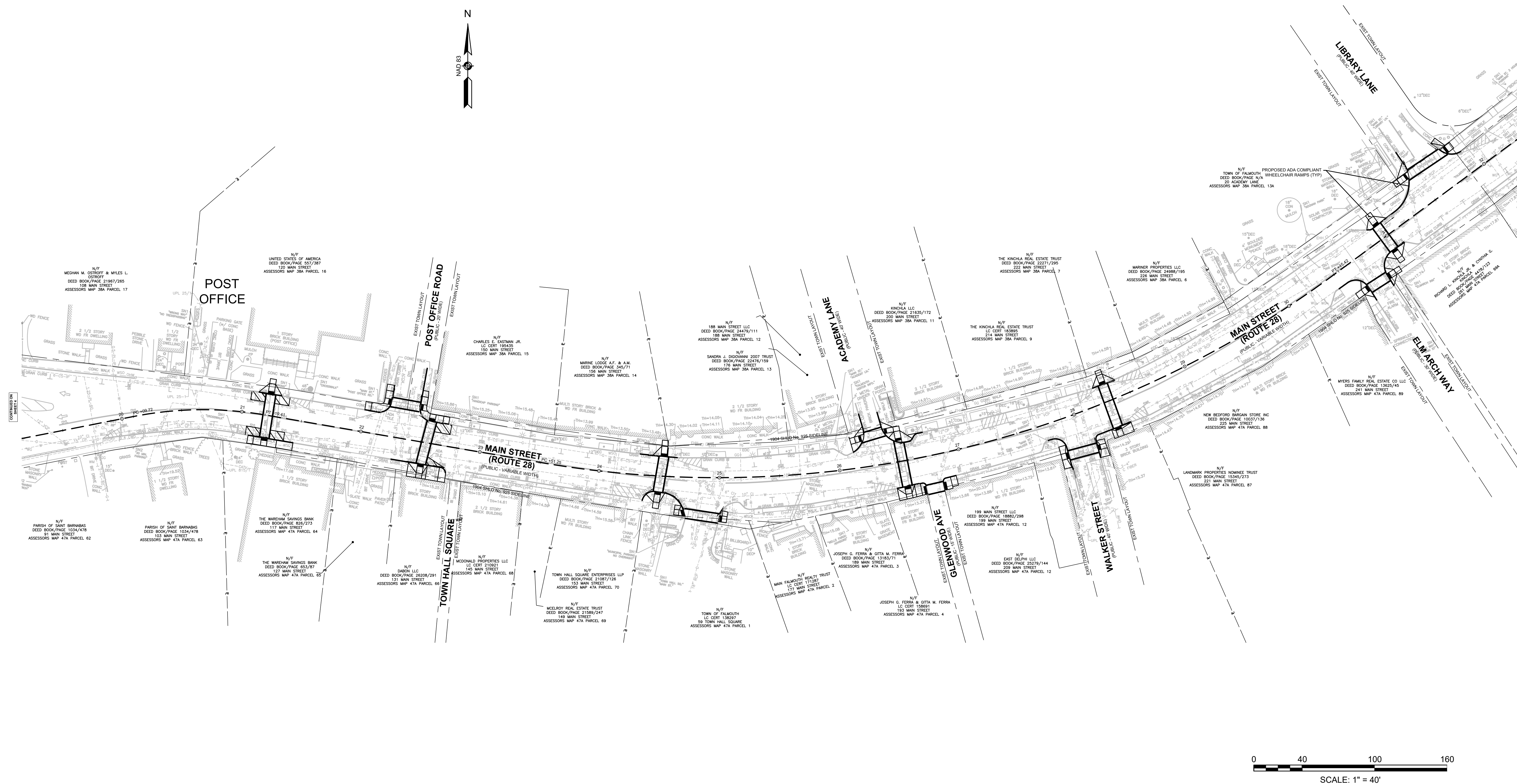
PAVEMENT MARKINGS SYMBOLS		
EXISTING	PROPOSED	DESCRIPTION
		PAVEMENT ARROW - WHITE
		LEGEND "ONLY" - WHITE
		BIKE LANE LEGEND - WHITE
		STOP LINE
		CROSSWALK
		SOLID WHITE LINE
		SOLID YELLOW LINE
		BROKEN WHITE LINE
		BROKEN YELLOW LINE
		6" DOTTED WHITE LINE (3' LINE W/ 9" GAP)
		6" DOTTED YELLOW LINE (3' LINE W/ 9" GAP)
		6" DOTTED WHITE LINE EXTENSION (2' LINE W/ 6' GAP)
		6" DOTTED YELLOW LINE EXTENSION (2' LINE W/ 6' GAP)
		DOUBLE WHITE LINE
		DOUBLE YELLOW LINE
		12" YELLOW GORE LINE (3:1, 10' O.C.)

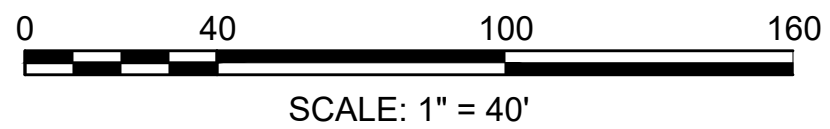
ABBREVIATIONS		FALMOUTH ROUTE 28 LEGEND & ABBREVIATIONS SHEET 2 OF 14	
GENERAL			
AADT	ANNUAL AVERAGE DAILY TRAFFIC		
ABAN	ABANDON		
ADJ	ADJUST		
APPROX.	APPROXIMATE		
A.C.	ASPHALT CONCRETE		
ACCM PIPE	ASPHALT COATED CORRUGATED METAL PIPE		
BIT.	BITUMINOUS		
BC	BOTTOM OF CURB		
BD.	BOUND		
BL	BASELINE		
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		
GC	GRANITE CURB		
GD	GROUND		
GG	GAS GATE		
GI	GUTTER INLET		
GIP	GALVANIZED IRON PIPE		
GRAN	GRANITE		
GRAV	GRAVEL		
GRD	GUARD		
HDW	HEADWALL		
HMA	HOT MIX ASPHALT		
HOR	HORIZONTAL		
HYD	HYDRANT		
INV	INVERT		
JCT	JUNCTION		
L	LENGTH OF CURVE		
LB	LEACH BASIN		
LOG	LIMIT OF GRADING		
LP	LIGHT POLE		
L&S	LOAM AND SEED		
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		
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		
PSB	PLANTABLE SOIL BORROW		
PT	POINT OF TANGENCY		
PVC	POINT OF VERTICAL CURVATURE		
PVI	POINT OF VERTICAL INTERSECTION		
		ABBREVIATIONS (cont.)	
		GENERAL	
PVT	POINT OF VERTICAL TANGENCY		
PVMT	PAVEMENT		
PWW	PAVED WATERWAY		
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		
RRFB	RECTANGULAR RAPID FLASHING BEACON		
R&R	REMOVE AND RESET		
R&S	REMOVE AND STACK		
RT	RIGHT		
SB	STONE BOUND		
SHLD	SHOULDER		
SMH	SEWER MANHOLE		
ST	STREET		
STA	STATION		
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		
TOS	TOP OF SLOPE		
TYP	TYPICAL		
UP	UTILITY POLE		
VAR	VARIES		
VERT	VERTICAL		
VC	VERTICAL CURVE		
WCR	WHEEL CHAIR RAMP		
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 DON'T WALK
		FDW	FLASHING DON'T WALK
		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

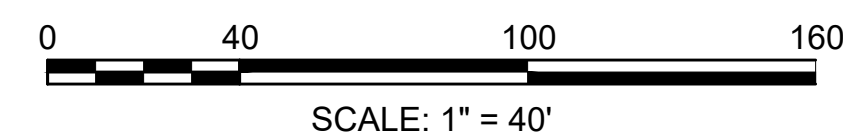


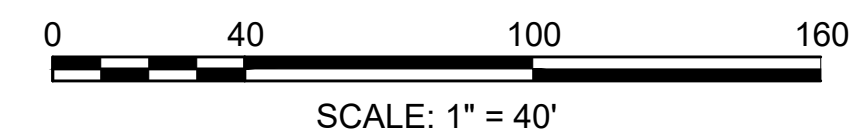


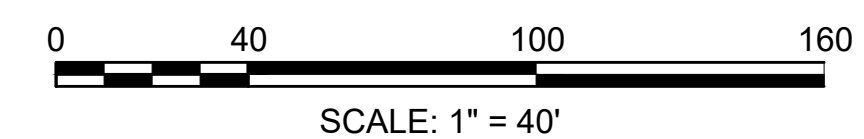
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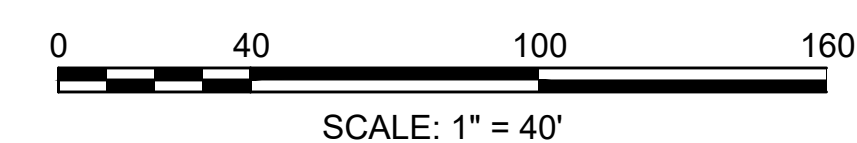


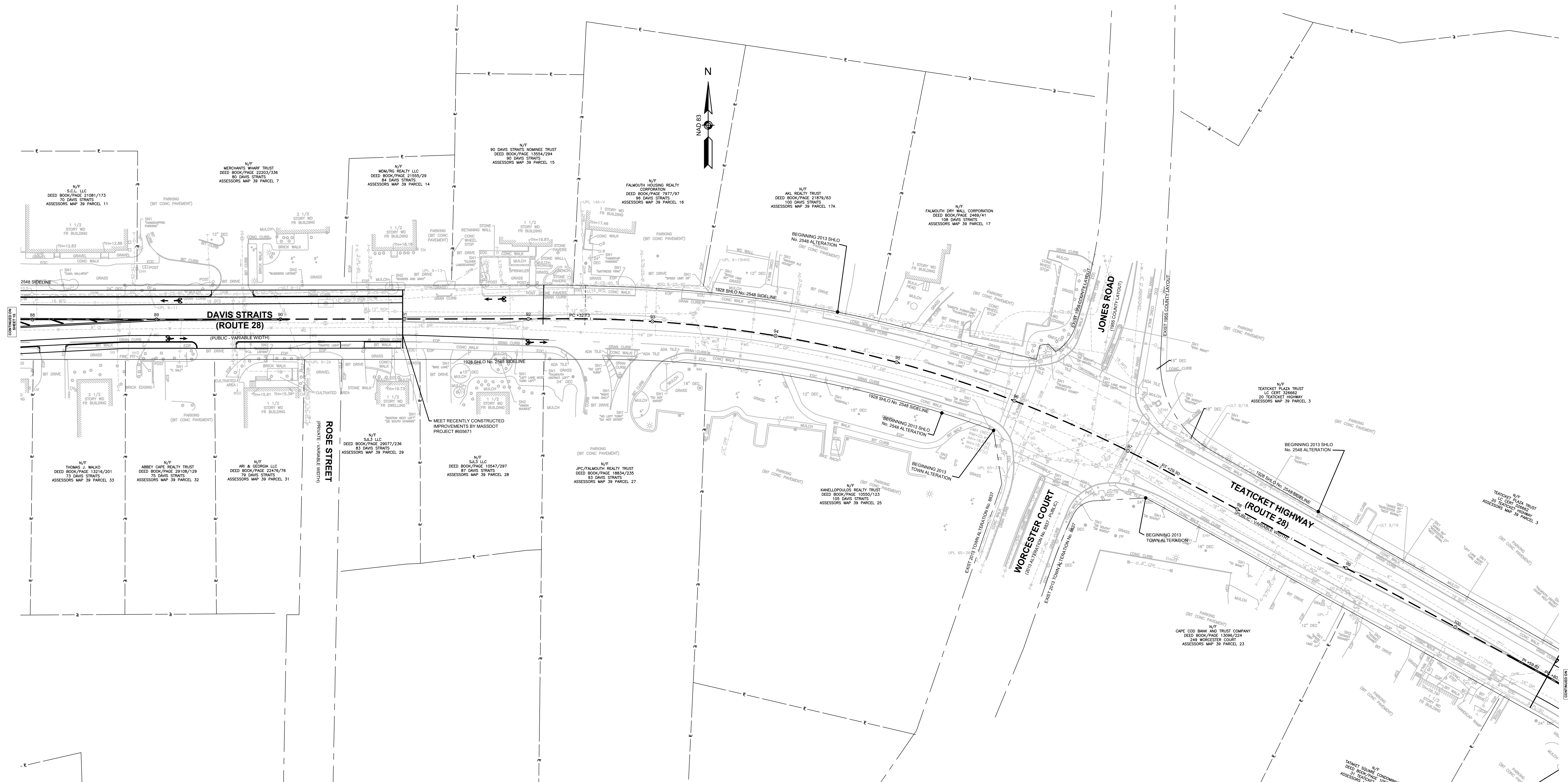












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SCALE: 1" = 40'

