

MASSACHUSETTS DEPARTMENT OF TRANSPORTATION HIGHWAY DIVISION

HARWICH
SOUTH STREET, MAIN STREET & SISSON ROAD

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	TAP-SRS5(001)X	1	71
PROJECT FILE NO.		610670	

TITLE SHEET AND INDEX

PLAN AND PROFILE OF SOUTH STREET, MAIN STREET AND SISSON ROAD

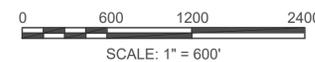
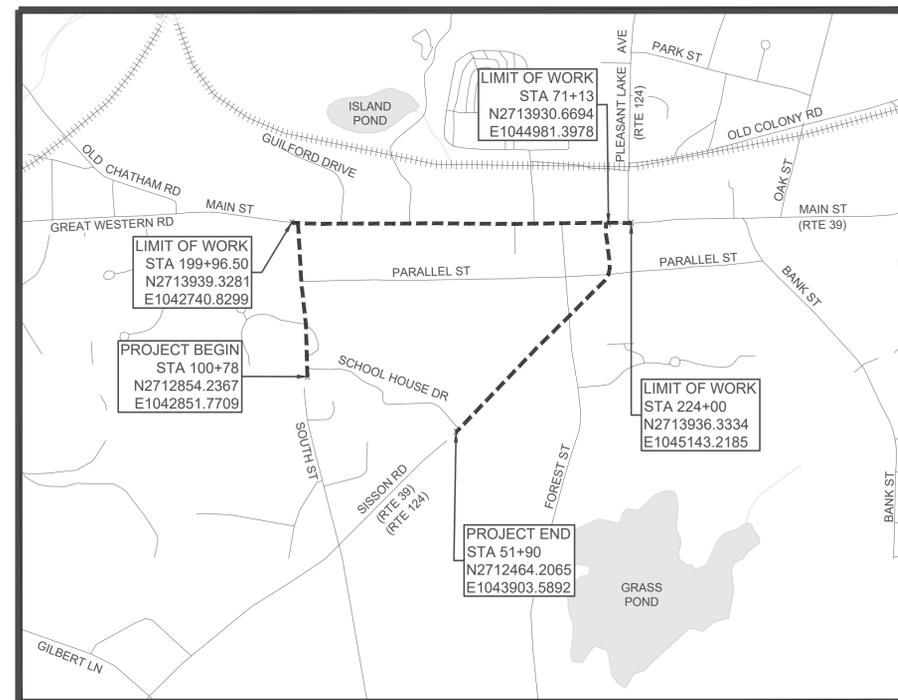
IN THE TOWN OF
HARWICH
BARNSTABLE COUNTY

FEDERAL AID PROJECT NO. TAP-SRS5(001)X

THESE PLANS ARE SUPPLEMENTED BY THE LATEST EDITIONS OF THE FOLLOWING PUBLICATIONS, AS IDENTIFIED IN THE CONTRACT SPECIAL PROVISIONS: THE MASSDOT CONSTRUCTION STANDARD DETAILS, THE MASSDOT STANDARD DRAWINGS FOR SIGNS AND SUPPORTS, THE MASSDOT STANDARD DRAWINGS FOR TRAFFIC SIGNALS AND HIGHWAY LIGHTING, THE MASSDOT OVERHEAD SIGNAL STRUCTURE AND FOUNDATION STANDARD DRAWINGS, THE MASSDOT TRAFFIC MANAGEMENT PLANS AND DETAIL DRAWINGS, AND THE ANSI AMERICAN STANDARD FOR NURSERY STOCK.

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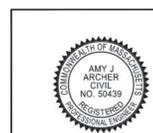
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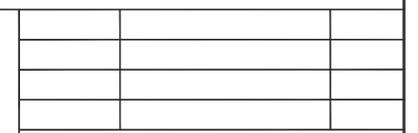
SOUTH STREET LENGTH OF PROJECT = 1076.70 FEET = 0.204 MILES
MAIN STREET LENGTH OF PROJECT = 2403.50 FEET = 0.455 MILES
SISSON ROAD LENGTH OF PROJECT = 1923.00 FEET = 0.364 MILES

DESIGN DESIGNATION FROM MASSDOT DATA

	SOUTH STREET	MAIN STREET	SISSON ROAD
DESIGN SPEED	40 MPH	40 MPH	35 MPH
ADT (2022)	1,278 VPD	5,092 VPD	5,716 VPD
ADT (2042)	1,379 VPD	5,627 VPD	6,316 VPD
K	14%	14%	10%
D	54%	50%	51%
T (PEAK HOUR)	7%	12%	7%
T (AVERAGE DAY)	7%	16%	9%
DHV	194	788	632
DDHV	105	394	323
FUNCTIONAL CLASSIFICATION	URBAN MAJOR COLLECTOR	URBAN MINOR ARTERIAL	URBAN PRINCIPAL ARTERIAL



Amy Archer
Digitally signed by Amy Archer
Date: 2026.03.12 10:15:10
-0400'



APPROVED

Carrie Lavallee, Digitally signed by Carrie Lavallee, P.E.
Date: 2026.03.12 11:33:16 -0400'
CHIEF ENGINEER DATE 03/12/2026

GENERAL SYMBOLS

EXISTING	PROPOSED	DESCRIPTION
		JERSEY BARRIER
		CATCH BASIN
		CATCH BASIN 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
		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
		SEDIMENT CONTROL BARRIER
		TREE LINE / TREE TRIMMING
		SAWCUT LINE
		TOP OR BOTTOM OF SLOPE
		LIMIT OF EDGE OF PAVEMENT OR COLD PLANE AND OVERLAY
		BANK OF RIVER OR STREAM
		BORDER OF WETLAND
		100 FT WETLAND BUFFER
		200 FT RIVERFRONT BUFFER
		STATE HIGHWAY LAYOUT
		TOWN OR CITY LAYOUT
		COUNTY LAYOUT
		RAILROAD SIDELINE
		TOWN OR CITY BOUNDARY LINE
		PROPERTY LINE OR APPROXIMATE PROPERTY LINE
		EASEMENT
		PUSH BUTTON

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
		RECTANGULAR RAPID FLASHING BEACON

PAVEMENT MARKINGS SYMBOLS

EXISTING	PROPOSED	DESCRIPTION
		STOP LINE - 12" SOLID WHITE LINE
		CROSSWALK - 2' SOLID WHITE LINE, 2' SPACE
		SOLID WHITE LINE - 6" REFLECTORIZED
		SOLID YELLOW LINE - 6" REFLECTORIZED
		BROKEN WHITE LINE (10' STRIPE - 30' SPACE - 10' STRIPE)
		BROKEN YELLOW LINE (3' STRIPE - 9' SPACE - 3' STRIPE)
		DOTTED GREEN LINE (3' STRIPE - 9' SPACE - 3' STRIPE)
		DOTTED WHITE LINE (3' STRIPE - 9' SPACE - 3' STRIPE)
		DOTTED YELLOW LINE (3' STRIPE - 9' SPACE - 3' STRIPE)
		DOTTED WHITE LINE EXTENSION (2' STRIPE - 6' SPACE - 2' STRIPE)
		DOTTED YELLOW LINE EXTENSION (2' STRIPE - 6' SPACE - 2' STRIPE)
		DOUBLE WHITE LINE - 6" REFLECTORIZED
		DOUBLE YELLOW LINE - 6" REFLECTORIZED

ABBREVIATIONS

GENERAL	DESCRIPTION
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
CW	CROSSWALK
DHV	DESIGN HOURLY VOLUME
DI	DROP INLET
DIA	DIAMETER
DIP	DUCTILE IRON PIPE
DW	STEADY DON'T WALK - PORTLAND ORANGE
DWY	DRIVEWAY
DWP	DETECTABLE WARNING PANEL
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
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
PERM	PERMANENT
P.G.L.	PROFILE GRADE LINE
PI	POINT OF INTERSECTION
PLAS	PLASTIC
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

HARWICH SOUTH STREET, MAIN STREET & SISSON ROAD

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LEGEND & ABBREVIATIONS

ABBREVIATIONS (cont.)

GENERAL	DESCRIPTION
PVC	POINT OF VERTICAL CURVATURE
PVI	POINT OF VERTICAL INTERSECTION
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
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
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
RRFB	RECTANGULAR RAPID FLASHING BEACON
TR SIG	TRAFFIC SIGNAL
TSC	TRAFFIC SIGNAL CONDUIT
W	STEADY WALKING PERSON
Y	STEADY CIRCULAR YELLOW
YL	STEADY YELLOW LEFT ARROW

HARWICH
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NOTES

GENERAL NOTES

1. PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT FOR REVIEW A SCHEDULE OF OPERATIONS IN ADDITION TO OTHER CONTRACT REQUIREMENTS TO THE MASSACHUSETTS DEPARTMENT OF TRANSPORTATION, HIGHWAY DIVISION.
2. WHERE THE NEW CONSTRUCTION COINCIDES WITH PRESENT TRAVELED WAYS, THE CONTRACTOR SHALL PERFORM THEIR WORK IN A MANNER ACCEPTABLE TO THE ENGINEER SO THAT INTERFERENCE TO BUSINESSES AND ABUTTERS, ON ACCOUNT OF THE CONSTRUCTION WORK, IS KEPT TO A MINIMUM. THE CONTRACTOR WILL NOT BE ALLOWED TO PARK EQUIPMENT OR STOCKPILE MATERIAL ON THE TRAVELED WAYS OVERNIGHT OR WHEN NOT IN USE. THE CONTRACTOR SHALL MAINTAIN SAFE AND REASONABLE ACCESS TO AND FROM ABUTTING PROPERTIES AT ALL TIMES AT NO ADDITIONAL COST.
3. NO EXISTING PUBLIC UTILITY STRUCTURES SHALL BE ABANDONED AND/OR DISMANTLED WITHOUT AUTHORIZATION FROM THE ENGINEER.
4. FINAL LOCATION OF TRAFFIC SIGNS AND SUPPORTS SHALL BE SHOWN ON THE TRAFFIC PLAN AND MAY, IF NECESSARY, AT DISCRETION OF THE ENGINEER, BE MODIFIED IN THE FIELD AS APPROPRIATE.
5. DETAILS FOR SIGN SUPPORTS SHALL BE IN ACCORDANCE WITH MASSDOT STANDARD DRAWINGS.
6. DAMAGE OF PROPERTY BEYOND THE WORK LIMITS CAUSED BY THE CONTRACTOR'S OPERATIONS SHALL BE REPAIRED BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE, SUBJECT TO THE APPROVAL OF THE ENGINEER AND ACCEPTANCE OF THE PROPERTY OWNER.
7. ALL EXISTING TOWN AND PRIVATE UTILITY CASTINGS SUCH AS WATER BOXES, CURB STOPS, MANHOLE FRAMES AND COVERS, CATCH BASIN FRAME AND GRATES AND OTHER CASTINGS SHALL BE ADJUSTED BY THE CONTRACTOR TO LINE AND GRADE AS DIRECTED BY THE ENGINEER UNLESS OTHERWISE SPECIFIED IN THE SPECIAL PROVISIONS OR ON THE CONTRACT PLANS.
8. THE CONTRACTOR SHALL PROVIDE ACCESS TO ALL UTILITIES THROUGHOUT THE PROJECT SO THAT THE VARIOUS UTILITY OWNERS HAVE ACCESS TO VAULTS AND MANHOLES TO OPERATE VALVES AND OTHER CONTROLS ON THEIR SYSTEM.
9. THE LOCATIONS OF PROPOSED PIPELINES, STRUCTURES AND UTILITY RELOCATIONS MAY BE MODIFIED TO SUIT FIELD CONDITIONS AT THE DISCRETION OF THE ENGINEER.
10. OFFSETS TO CATCH BASINS ARE TO THE CENTER OF THE GRATE.
11. RIM ELEVATIONS MAY BE SUBJECT TO FIELD ADJUSTMENTS AS DIRECTED BY THE ENGINEER. ELEVATIONS ON CATCH BASINS ARE REFERENCED TO THE CENTER OF GRATE AT FACE OF CURB.
12. WHERE WATERLINES, DRAINAGE PIPES OR STRUCTURES ARE ABANDONED IN PLACE, CONTRACTOR SHALL MAKE SURE THAT ALL CONNECTING PIPES, INLETS AND OUTLETS ARE PLUGGED. ALL LIVE CONNECTIONS SHALL BE CONNECTED TO THE NEW SYSTEM.
13. DRAINAGE ELEVATIONS ARE PROVIDED FOR DESIGN PURPOSES ONLY. THE CONTRACTOR SHALL VERIFY, BY TEST PIT, THE LOCATIONS OF EXISTING UTILITIES WHICH MAY CONFLICT WITH THE PROPOSED DRAINAGE DESIGN. ANY FIELD ADJUSTMENTS REQUIRED WILL BE MADE AS APPROVED OR DIRECTED BY THE ENGINEER. ONLY AFTER THE CONTRACTOR VERIFIES ELEVATIONS FOR THE CONSTRUCTABILITY OF THE DRAINAGE SYSTEM SHALL ANY OF THE STRUCTURES BE ORDERED.

14. ADA COMPLIANT ACCESS MUST BE MAINTAINED AT ALL TIMES.
15. DAMAGE OF PROPERTY BEYOND THE WORK LIMITS CAUSED BY THE CONTRACTOR'S OPERATIONS SHALL BE REPAIRED BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE, SUBJECT TO THE APPROVAL OF THE ENGINEER AND ACCEPTANCE OF THE PROPERTY OWNER.
16. THE CONTRACTOR SHALL DISPOSE OF ALL WASTE MATERIAL IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS AT THEIR OWN EXPENSE IF NOT OTHERWISE SPECIFIED, OUTSIDE OF THE PROJECT LIMITS.
17. THE CONTRACTOR SHALL EXCAVATE TEST PITS TO VERIFY LOCATIONS OF EXISTING UTILITIES AS DIRECTED BY THE ENGINEER.
18. IF THE CONTRACTOR DAMAGES UTILITY SERVICES, THEY SHALL IMMEDIATELY NOTIFY THE RESPECTIVE UTILITY COMPANY AND SHALL IMMEDIATELY REPLACE OR REPAIR, UNLESS INDICATED OTHERWISE BY THE RESPECTIVE UTILITY OWNER.
19. ALL WHEELCHAIR RAMPS SHALL CONFORM TO THE MASSACHUSETTS ARCHITECTURAL ACCESS BOARD (AAB) RULES AND REGULATIONS AND THE AMERICANS WITH DISABILITIES ACT (ADA) GUIDELINES AND THE PUBLIC RIGHTS OF WAY ACCESSIBILITY GUIDELINES (PROWAG).
20. IN ALL LOCATIONS WHERE PROPOSED SIDEWALK TRANSITIONS TO MEET EXISTING GRADE, SIDEWALK OR PAVED AREA, SLOPE SHALL NOT EXCEED 1:12.
21. AN UNOBSTRUCTED ACCESSIBLE PATH OF TRAVEL WITH A MINIMUM WIDTH OF 4'-0" SHALL BE MAINTAINED PAST ALL OBSTRUCTIONS (UTILITY POLES, SIGNS, SIGNAL FOUNDATIONS AND MASTS, MAILBOXES, ALONG DRIVE OPENINGS, ETC.)
22. ALL EXISTING DRAINAGE STRUCTURES AND PIPE TO REMAIN WITHIN THE PROJECT LIMITS SHALL BE CLEANED AND SEDIMENT DISPOSED OF.
23. ALL PROPOSED DRAINAGE CONNECTIONS TO EXISTING STRUCTURES WILL BE INCLUDED IN THE COST OF INSTALLATION OF THE NEW PIPE OR STRUCTURE.
24. THE FINAL LOCATIONS OF TREES SHOWN ON PRIVATE PROPERTY WILL BE DECIDED IN THE FIELD WITH THE MASSDOT LA, TOWN TREE WARDEN AND IMPACTED PROPERTY OWNER.
25. NGRID GAS INFORMATION HAS BEEN PLOTTED BASED ON THE BEST AVAILABLE INFORMATION. THE CONTRACTOR SHALL BE AWARE THAT SEVERAL GAS SERVICES ARE NOT SHOWN ON THE PLAN.
26. PRIOR TO ANY WORK, ALL EXISTING TREES SHALL BE ASSESSED FOR FEASIBILITY TO RETAIN AND FOR RECOMMENDED PROTECTION MEASURES. TREE PROTECTION MEASURES, SHALL BE COMPLETE IN PLACE AND APPROVED BY THE ENGINEER PRIOR TO ANY WORK IN THOSE LOCATIONS.
27. THE MINIMUM VERTICAL CLEARANCE OF TREE BRANCHES OVER SIDEWALK IS 80 INCHES AND 100 INCHES OVER BICYCLE FACILITIES.

SURVEY NOTES:

1. THIS PLAN IS THE RESULT OF AN ON-THE-GROUND INSTRUMENT SURVEY PERFORMED BY BSC GROUP INC. BETWEEN OCTOBER 2020 AND MARCH 2021.
2. HORIZONTAL DATUM SHOWN HEREON REFERENCES THE MASSACHUSETTS STATE PLANE COORDINATE SYSTEM, MAINLAND ZONE, US SURVEY FEET, NAD83 (2011-EPOCH 2010.00) AND IS BASED ON GROUND CONTROL PROVIDED BY MASSDOT. MASSDOT CONTROL POINTS ARE 2621, 2622, 2623 AND 2624.
3. THE VERTICAL DATUM SHOWN HEREON REFERENCES NAVD88 (GEOID 18) AND IS BASED ON GROUND CONTROL PROVIDED BY MASSDOT. MASSDOT CONTROL CHECKED INTO MASSDOT TBM 8085. ELEVATIONS OF CONTROL AND TBMS SET BY BSC GROUP ARE BASED ON DIFFERENTIAL LEVELING FROM MASSDOT POINTS 2621, 2622, 2623 AND 2624.
4. AVERAGE GROUND-TO-GRID COMBINED SCALE FACTOR OF CONTROL SET BY BSC GROUP = 1.00000625.
5. EASEMENTS SHOWN ARE BASED ON A LIMITED PLAN REVIEW AND MAY NOT REFLECT ALL EASEMENTS IN THE PROJECT AREA.
6. AT THE TIME OF SURVEY, VERIZON HAD NOT SUPPLIED RECORDS FOR SISSON ROAD, SOUTH OF PARALLEL STREET.

SURVEY PLAN REFERENCES:

1. LAYOUT PLANS OF RECORD: 1931 COUNTY LAYOUT OF SISSON ROAD, 1932 COUNTY LAYOUT OF MAIN STREET, 1949 COUNTY LAYOUT OF MAIN STREET, 1950 COUNTY LAYOUT OF MAIN STREET. COUNTY LAYOUTS ARE FILED AT THE NORFOLK COUNTY REGISTRY OF DEEDS.
2. PLANS OF RECORD (BK/PG): 88/111, 90/149, 244/80, 401/81, 421/79. LAND COURT PLANS LCC 26218A AND LCC33260A. SAID PLANS ARE RECORDED AT THE NORFOLK COUNTY REGISTRY OF DEEDS.

UTILITY NOTES

1. EXISTING UTILITIES, WHERE SHOWN HEREON, ARE APPROXIMATE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROPERLY LOCATING AND COORDINATING ANY ON-SITE ACTIVITY WITH DIG-SAFE AND THE APPROPRIATE UTILITY COMPANY AND MAINTAINING EXISTING UTILITY SYSTEM SERVICE. DIG-SAFE SHALL BE NOTIFIED PER THE COMMONWEALTH OF MASSACHUSETTS STATUTE CHAPTER 82, SECTION 40, AT 1-888-344-7233. NO GUARANTEE IS IMPLIED OR INTENDED AS TO THE ACCURACY, LOCATION OR THAT ALL UTILITIES AND/OR SUBSURFACE STRUCTURES ARE SHOWN. THE CONTRACTOR SHALL VERIFY SIZE, LOCATION AND INVERTS OR UTILITIES AND STRUCTURES AS REQUIRED PRIOR TO THE START OF CONSTRUCTION.
2. THE CONTRACTOR SHALL VERIFY BY TEST PIT, THE LOCATIONS OF EXISTING UTILITIES WHICH MAY CONFLICT WITH THE PROPOSED DRAINAGE DESIGN. ANY FIELD ADJUSTMENTS REQUIRED WILL BE MADE AS APPROVED OR DIRECTED BY THE ENGINEER. ONLY AFTER THE CONTRACTOR VERIFIES ELEVATIONS FOR THE CONSTRUCTIBILITY OF THE DRAINAGE SYSTEM SHALL ANY STRUCTURES BE ORDERED. ANY FIELD ADJUSTMENTS TO LINE & GRADE UP TO A DEPTH OF 5' SHALL BE INCLUDED IN THE COST OF THE PIPE. PIPE EXCAVATION GREATER THAN 5' WILL BE PAID UNDER CLASS B EXCAVATION.

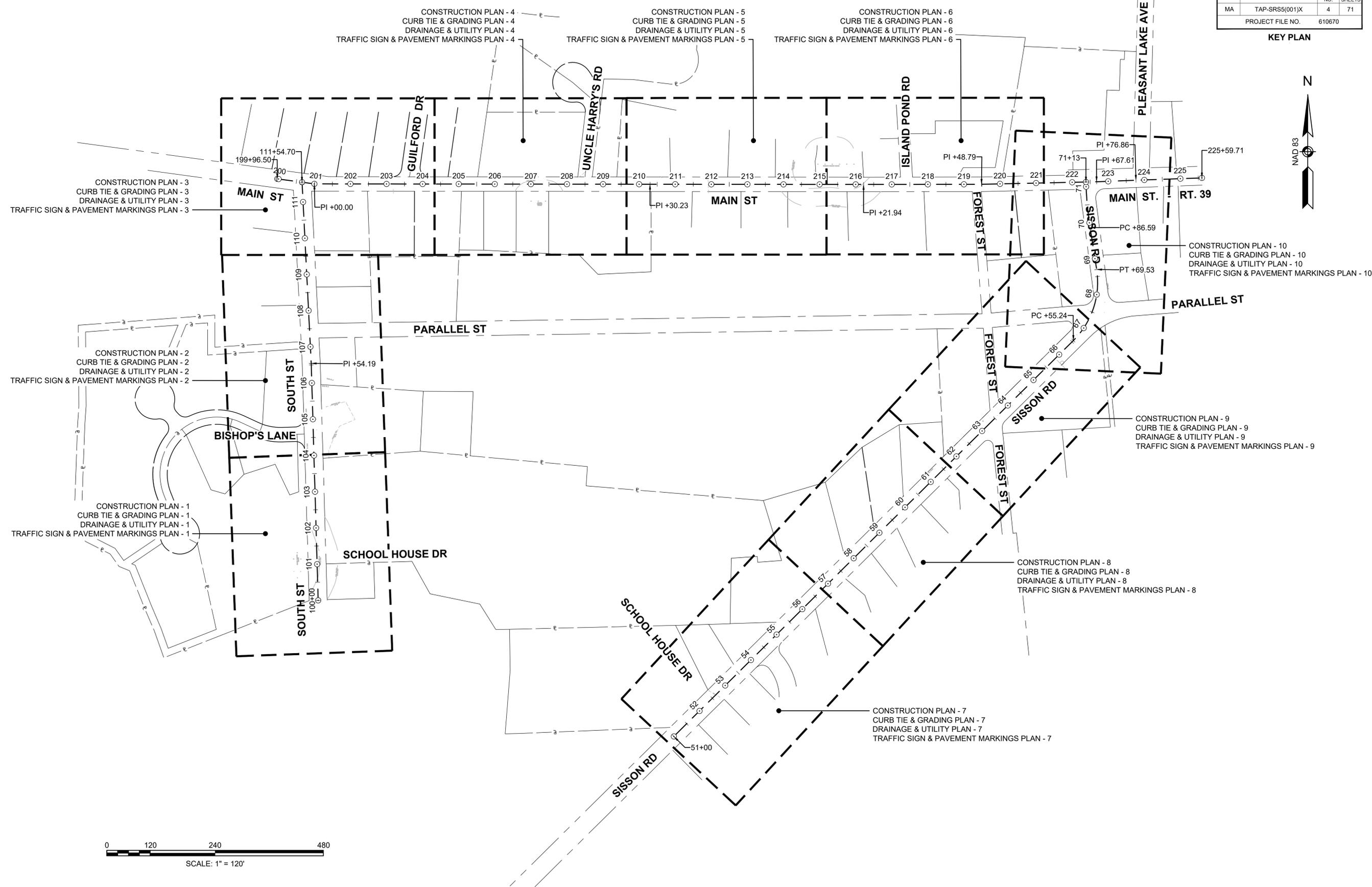
NATIONAL GRID GAS NOTES

1. IF THE PROPOSED CONSTRUCTION IS WITHIN CLOSE PROXIMITY OF HIGH PRESSURE TRANSMISSION GAS MAIN, CONTACT NATIONAL GRID'S DAMAGE PREVENTION DEPARTMENT FOR SPECIFIC REQUIREMENTS. IT IS RECOMMENDED THAT:
 - A NATIONAL GRID REPRESENTATIVE IS ON SITE CONTINUOUSLY DURING ANY EXCAVATION/SUBSURFACE WORK WITHIN 15 FEET OF A TRANSMISSION FACILITY.
 - WHEN WORKING WITHIN 15' OF THE OUTSIDE PERIMETER OF ANY TRANSMISSION PIPELINE, HAND TOOLS AND VACUUM EXCAVATION MUST BE USED UNTIL THE EXACT ALIGNMENT HAS BEEN VERIFIED
 - WHEN WORKING WITHIN 15' OF THE OUTSIDE PERIMETER OF ANY TRANSMISSION PIPELINE, VERIFICATION HOLES SHOULD BE DUG USING HAND TOOLS/VACUUM EXCAVATION AT 50 FT INTERVALS OVER TRANSMISSION MAIN THAT RUNS ADJACENT TO A PROPOSED INDIVIDUAL CONSTRUCTION EXCAVATION.
 - WHERE CROSSING TRANSMISSION GAS PIPE WITH UTILITIES AND UNDERGROUND STRUCTURES, TEST HOLES MUST BE DUG AT THE CROSSING TO CONFIRM THE DEPTH, INVERT ELEVATION, AND SEPARATION.
 - ONCE THE EXACT ALIGNMENT OF TRANSMISSION PIPING HAS BEEN VERIFIED USING HAND TOOLS AND VACUUM EXCAVATION, POWERED EXCAVATION MAY BE USED WITHIN 15' OF THE PIPELINE, BUT NO CLOSER THAN THE TRANSMISSION PIPELINE SAFETY ZONE (18" + 1/2 THE DIAMETER OF THE PIPELINE).

HARWICH
SOUTH STREET, MAIN STREET & SISSON ROAD

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MA	TAP-SRSS(001)X	4	71
PROJECT FILE NO.		610670	

KEY PLAN



CONSTRUCTION PLAN - 3
 CURB TIE & GRADING PLAN - 3
 DRAINAGE & UTILITY PLAN - 3
 TRAFFIC SIGN & PAVEMENT MARKINGS PLAN - 3

CONSTRUCTION PLAN - 4
 CURB TIE & GRADING PLAN - 4
 DRAINAGE & UTILITY PLAN - 4
 TRAFFIC SIGN & PAVEMENT MARKINGS PLAN - 4

CONSTRUCTION PLAN - 5
 CURB TIE & GRADING PLAN - 5
 DRAINAGE & UTILITY PLAN - 5
 TRAFFIC SIGN & PAVEMENT MARKINGS PLAN - 5

CONSTRUCTION PLAN - 6
 CURB TIE & GRADING PLAN - 6
 DRAINAGE & UTILITY PLAN - 6
 TRAFFIC SIGN & PAVEMENT MARKINGS PLAN - 6

CONSTRUCTION PLAN - 2
 CURB TIE & GRADING PLAN - 2
 DRAINAGE & UTILITY PLAN - 2
 TRAFFIC SIGN & PAVEMENT MARKINGS PLAN - 2

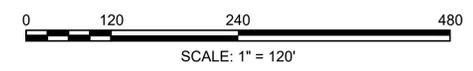
CONSTRUCTION PLAN - 1
 CURB TIE & GRADING PLAN - 1
 DRAINAGE & UTILITY PLAN - 1
 TRAFFIC SIGN & PAVEMENT MARKINGS PLAN - 1

CONSTRUCTION PLAN - 10
 CURB TIE & GRADING PLAN - 10
 DRAINAGE & UTILITY PLAN - 10
 TRAFFIC SIGN & PAVEMENT MARKINGS PLAN - 10

CONSTRUCTION PLAN - 9
 CURB TIE & GRADING PLAN - 9
 DRAINAGE & UTILITY PLAN - 9
 TRAFFIC SIGN & PAVEMENT MARKINGS PLAN - 9

CONSTRUCTION PLAN - 8
 CURB TIE & GRADING PLAN - 8
 DRAINAGE & UTILITY PLAN - 8
 TRAFFIC SIGN & PAVEMENT MARKINGS PLAN - 8

CONSTRUCTION PLAN - 7
 CURB TIE & GRADING PLAN - 7
 DRAINAGE & UTILITY PLAN - 7
 TRAFFIC SIGN & PAVEMENT MARKINGS PLAN - 7



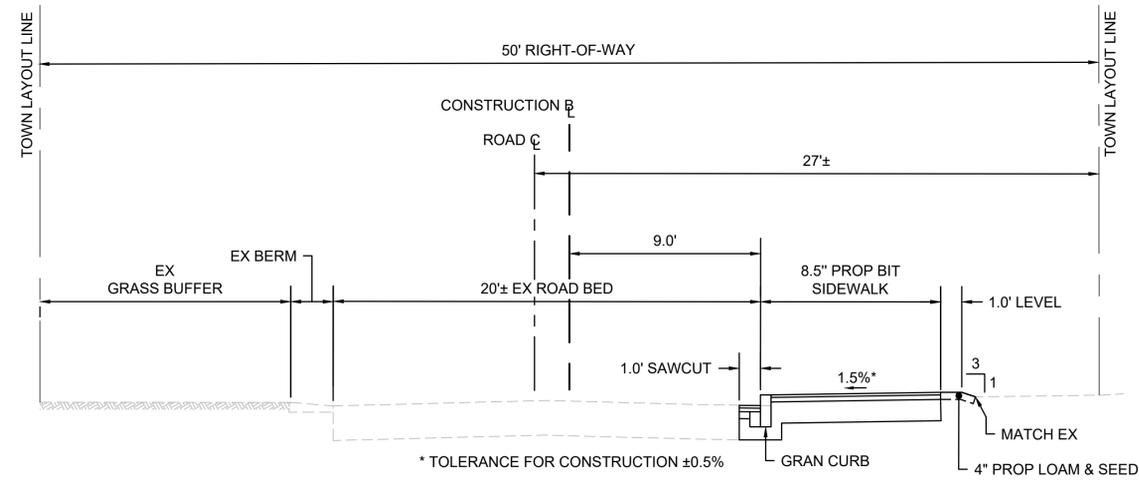
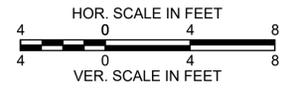
GENERAL NOTES:

1. ALL HOT MIX ASPHALT PAVEMENTS SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 450 QUALITY ASSURANCE OR HMA.
2. ASPHALT EMULSION FOR TACK COAT (ITEM 452) SHALL BE SPRAY APPLIED FOR TRIPLE OVERLAP COVERAGE AT 0.08 GAL/SY OVER MILLED SURFACES AND 0.07 GAL/SY OVER SMOOTH SURFACES.
3. HMA JOINT ADHESIVE (ITEM 453) SHALL BE APPLIED IN SURFACE COURSE AT ALL VERTICAL COLD JOINTS PRIOR TO HMA PAVING.
4. ALL HOT MIX ASPHALT WALKS AND DRIVEWAYS SHALL BE ESTIMATED AND PAID FOR UNDER ITEM 702. OF THE STANDARD SPECIFICATIONS FOR HIGHWAYS AND BRIDGES.
5. WHERE EXISTING GRAVEL IS FOUND TO BE SUITABLE, THE EXISTING GRAVEL MAY BE USED IN PROPOSED SUBBASE, AFTER APPROVAL BY THE ENGINEER.

**HARWICH
SOUTH STREET, MAIN STREET & SISSON ROAD**

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	TAP-SRSS(001)X	5	71
PROJECT FILE NO. 610670			

TYPICAL SECTIONS - 1



TYPICAL SECTION - SOUTH STREET
STA. 100+78.00 TO STA. 111+54.70
SCALE: 1" = 4'

PAVEMENT NOTES

FINE MILL & OVERLAY

FINE MILL: 1.5" EX PAVEMENT
TOP COURSE: 1.5" SUPERPAVE SURFACE COURSE - 9.5 (SSC-9.5)

HOT MIX ASPHALT DRIVEWAY

SURFACE: 4" HMA (1.5" SSC - 9.5 OVER 2.5" SSC - 12.5)
SUBBASE: 8" GRAVEL BORROW (TYPE B)

HOT MIX ASPHALT SIDEWALK

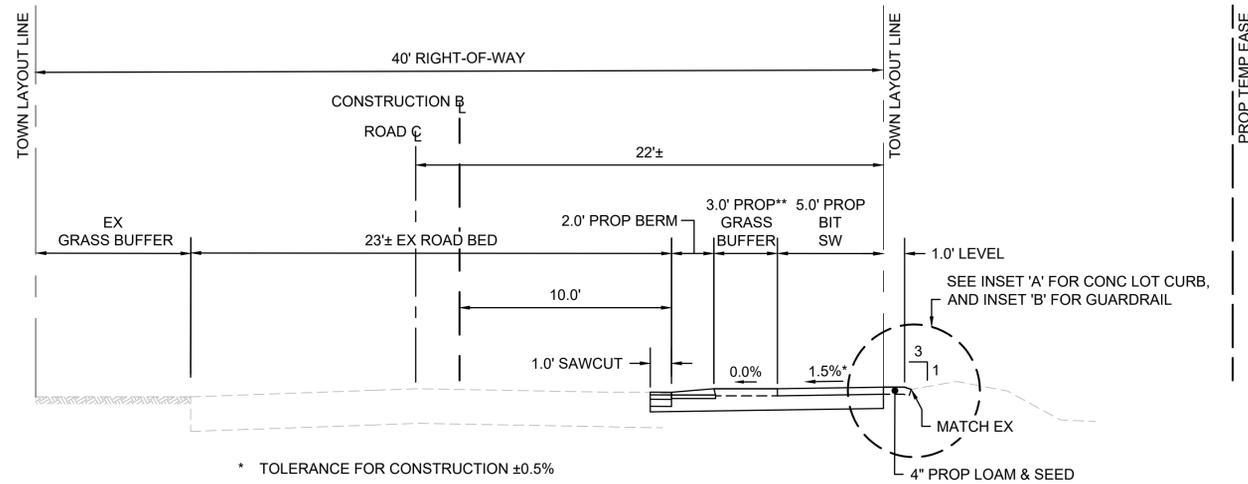
SURFACE: 3" HMA (1.25" SSC- 9.5 OVER 1.75" SSC- 12.5)
SUBBASE: 8" GRAVEL BORROW (TYPE B)

CEMENT CONCRETE DRIVEWAY

SURFACE: 6" CEMENT CONCRETE (AIR ENTRAINED, 4,000 PSI, 0.75", 610)
SUBBASE: 8" GRAVEL BORROW (TYPE B)

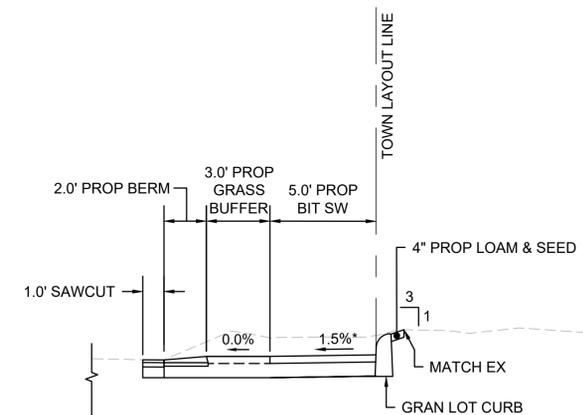
CEMENT CONCRETE CURB RAMPS

SURFACE: 4" CEMENT CONCRETE (AIR ENTRAINED, 4,000 PSI, 0.75", 610)
SUBBASE: 8" GRAVEL BORROW (TYPE B)

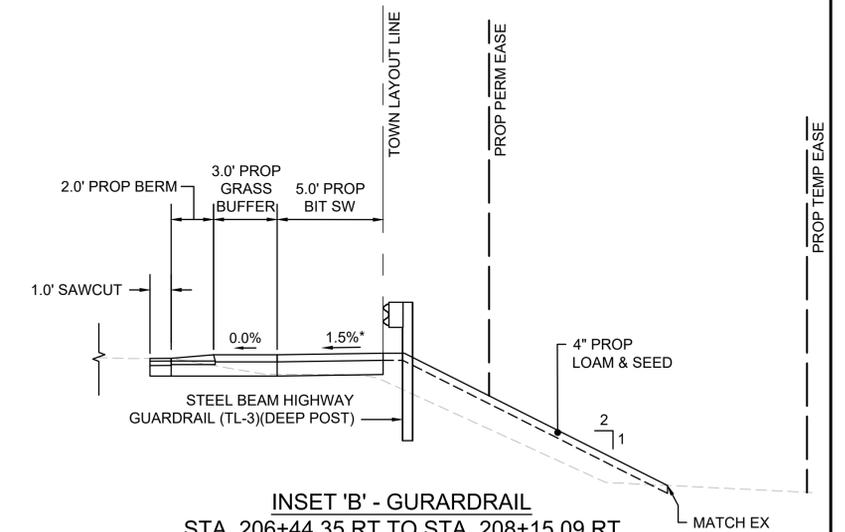


* TOLERANCE FOR CONSTRUCTION ±0.5%
** NO GRASS BUFFER FROM STA 199+96.52 TO STA 200+48.50

TYPICAL SECTION - MAIN STREET
STA 199+96.50 TO STA 222+78.00
SCALE: 1" = 4'



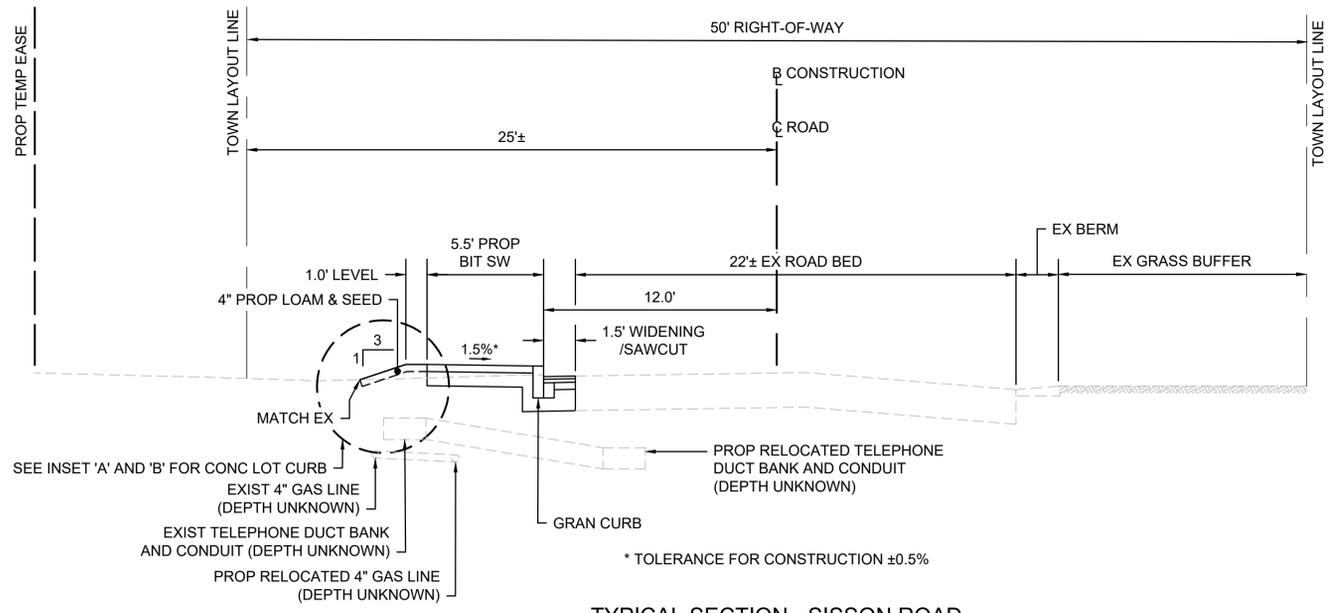
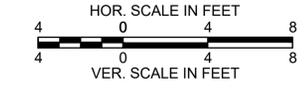
INSET 'A' - GRAN LOT CURB
STA. 201+00.00 TO STA. 203+00.00 AND
STA. 218+00.00 TO STA. 219+10.00
SCALE: 1" = 4'



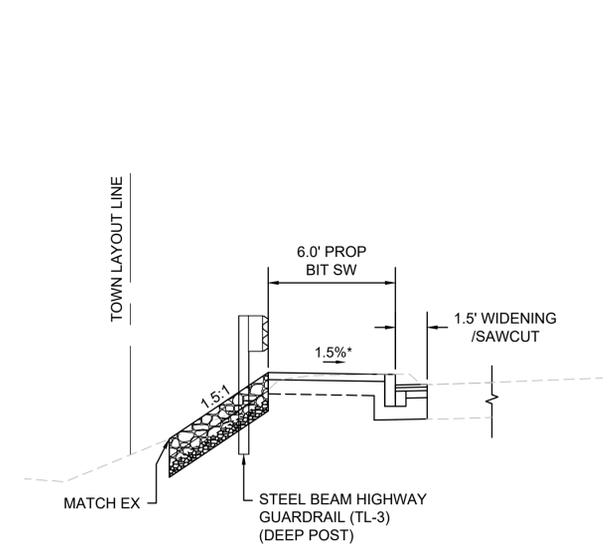
INSET 'B' - GURARDRAIL
STA. 206+44.35 RT TO STA. 208+15.09 RT
SCALE: 1" = 4'

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	TAP-SRSS(001)X	6	71
PROJECT FILE NO.		610670	

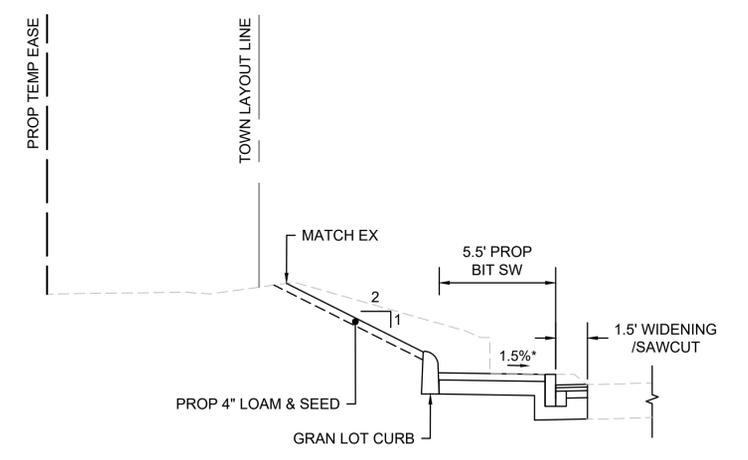
TYPICAL SECTIONS - 2



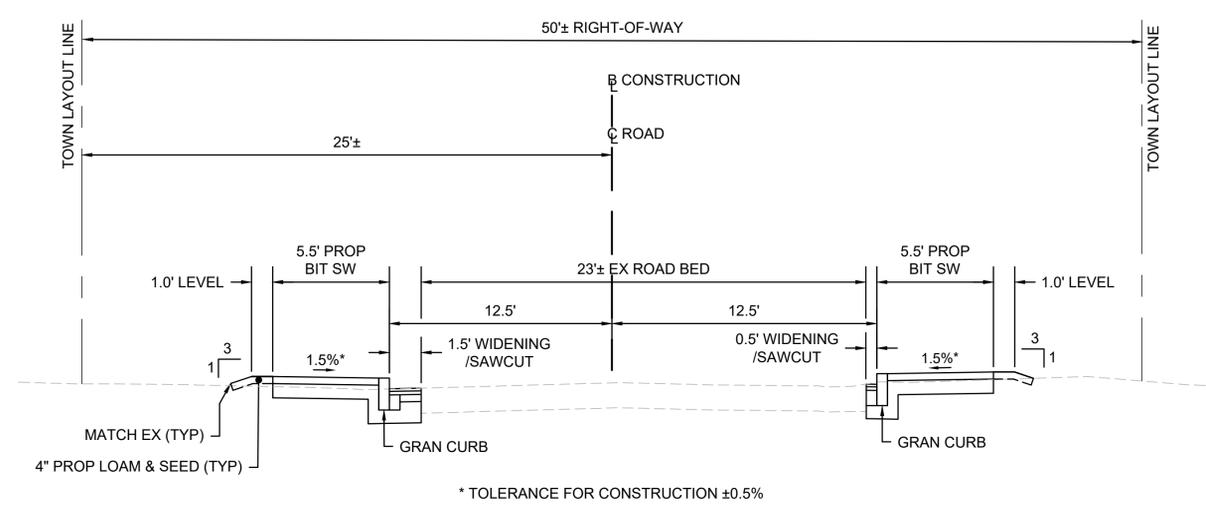
TYPICAL SECTION - SISSON ROAD
STA 51+90.00 TO STA 65+71.58
SCALE: 1" = 4'



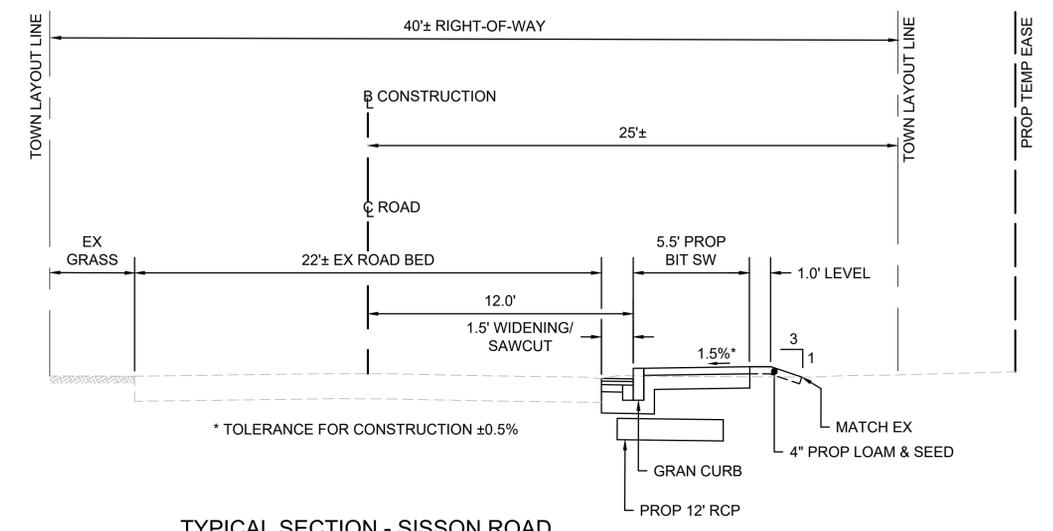
INSET 'A' - MODIFIED ROCK FILL SLOPE
STA. 59+10.00 TO STA. 60+30.00
SCALE: 1" = 4'



INSET 'B' - GRAN LOT CURB
STA. 61+05.00 TO STA. 62+30.00
SCALE: 1" = 4'



TYPICAL SECTION - SISSON ROAD
STA 65+71.58 TO STA 67+60.06
SCALE: 1" = 4'



TYPICAL SECTION - SISSON ROAD
STA 67+81.03 TO STA 71+03.58
SCALE: 1" = 4'

HIGHWAY GUARD DETAILS

NONE

TRAFFIC SIGNAL CONDUIT

NONE

WATER SUPPLY ALTERATIONS

NONE

DRAINAGE DETAILS

SEE SHEET 27

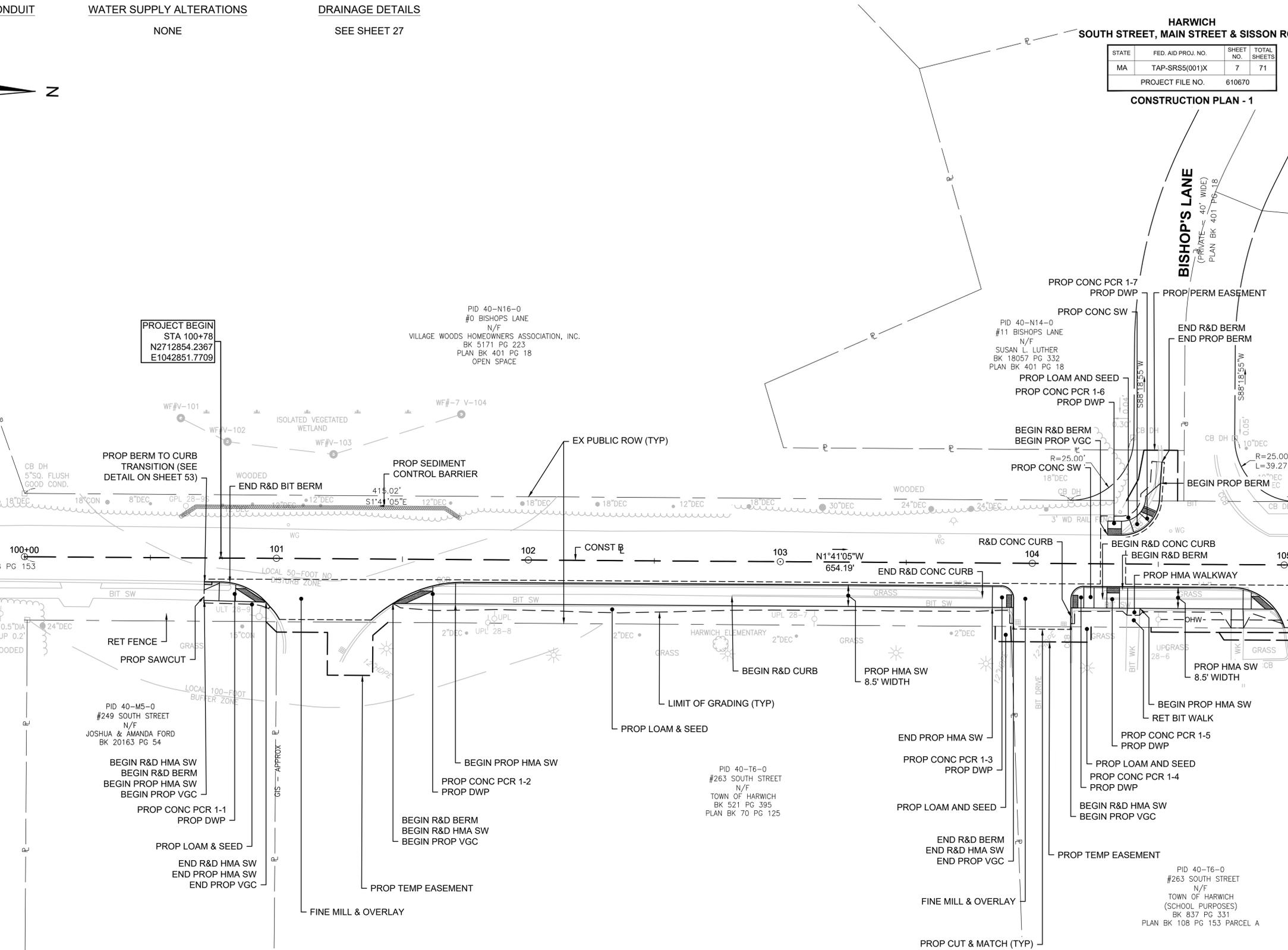


HARWICH
SOUTH STREET, MAIN STREET & SISSON ROAD

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	TAP-SRS5(001)X	7	71
PROJECT FILE NO.		610670	

CONSTRUCTION PLAN - 1

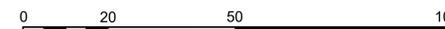
SOUTH STREET
(PUBLIC - 50' WIDE)
PLAN BK 401 PG 18, PLAN BK 108 PG 153



CONTINUED ON
SHEET NO. 8

NOTE:

REFER TO CONSTRUCTION DETAIL SHEETS FOR PROPOSED CURB REVEALS FOR EACH PEDESTRIAN CURB RAMP.



SCALE: 1" = 20'

HIGHWAY GUARD DETAILS

TRAFFIC SIGNAL CONDUIT

WATER SUPPLY ALTERATIONS

DRAINAGE DETAILS

NONE

NONE

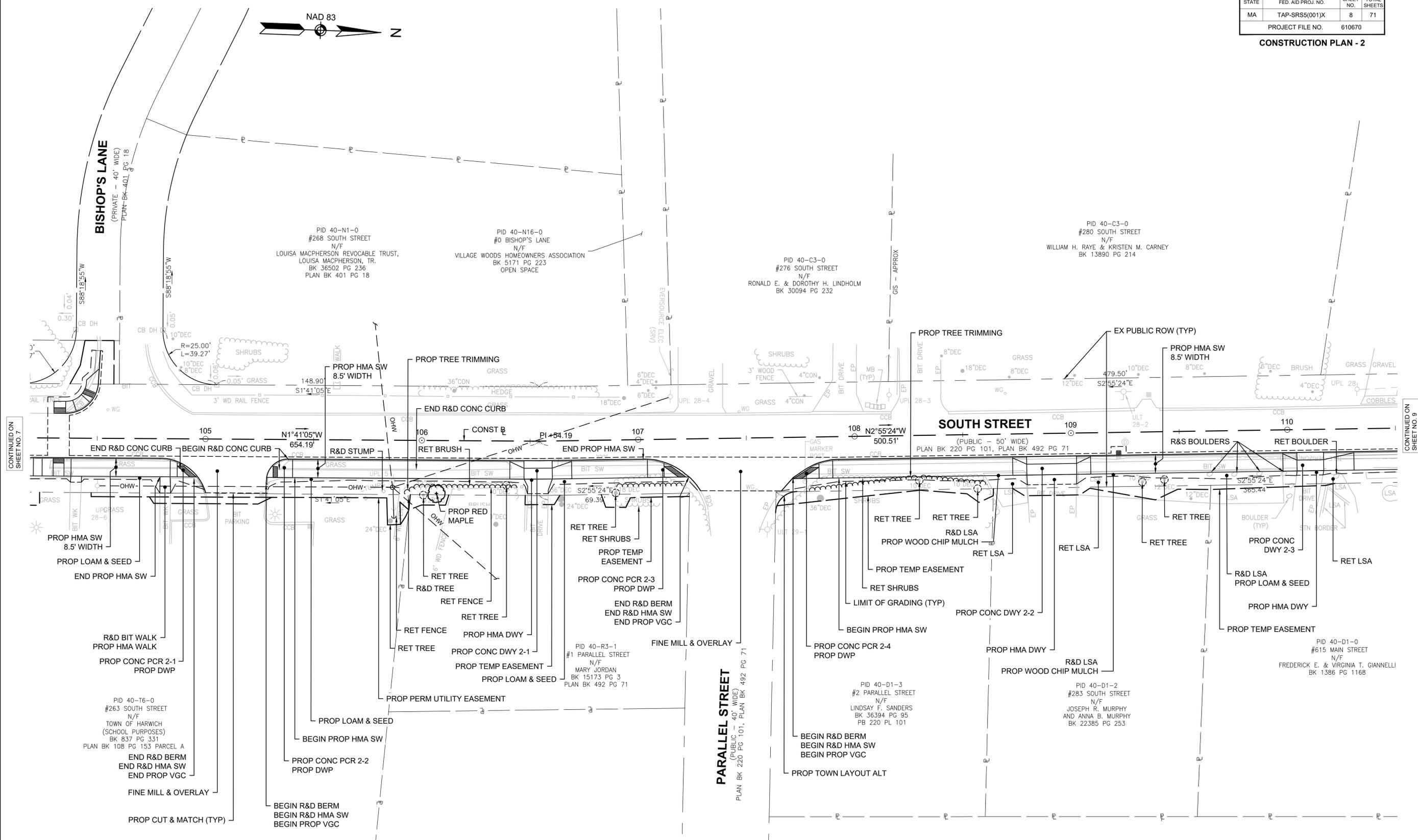
NONE

SEE SHEET 28

HARWICH
SOUTH STREET, MAIN STREET & SISSON ROAD

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	TAP-SRSS(001)X	8	71
PROJECT FILE NO.		610670	

CONSTRUCTION PLAN - 2

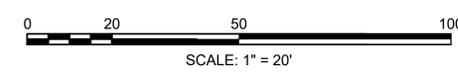


CONTINUED ON SHEET NO. 7

CONTINUED ON SHEET NO. 9

NOTE:

REFER TO CONSTRUCTION DETAIL SHEETS FOR PROPOSED CURB REVEALS FOR EACH PEDESTRIAN CURB RAMP.



SCALE: 1" = 20'

HIGHWAY GUARD DETAILS

TRAFFIC SIGNAL CONDUIT

WATER SUPPLY ALTERATIONS

DRAINAGE DETAILS

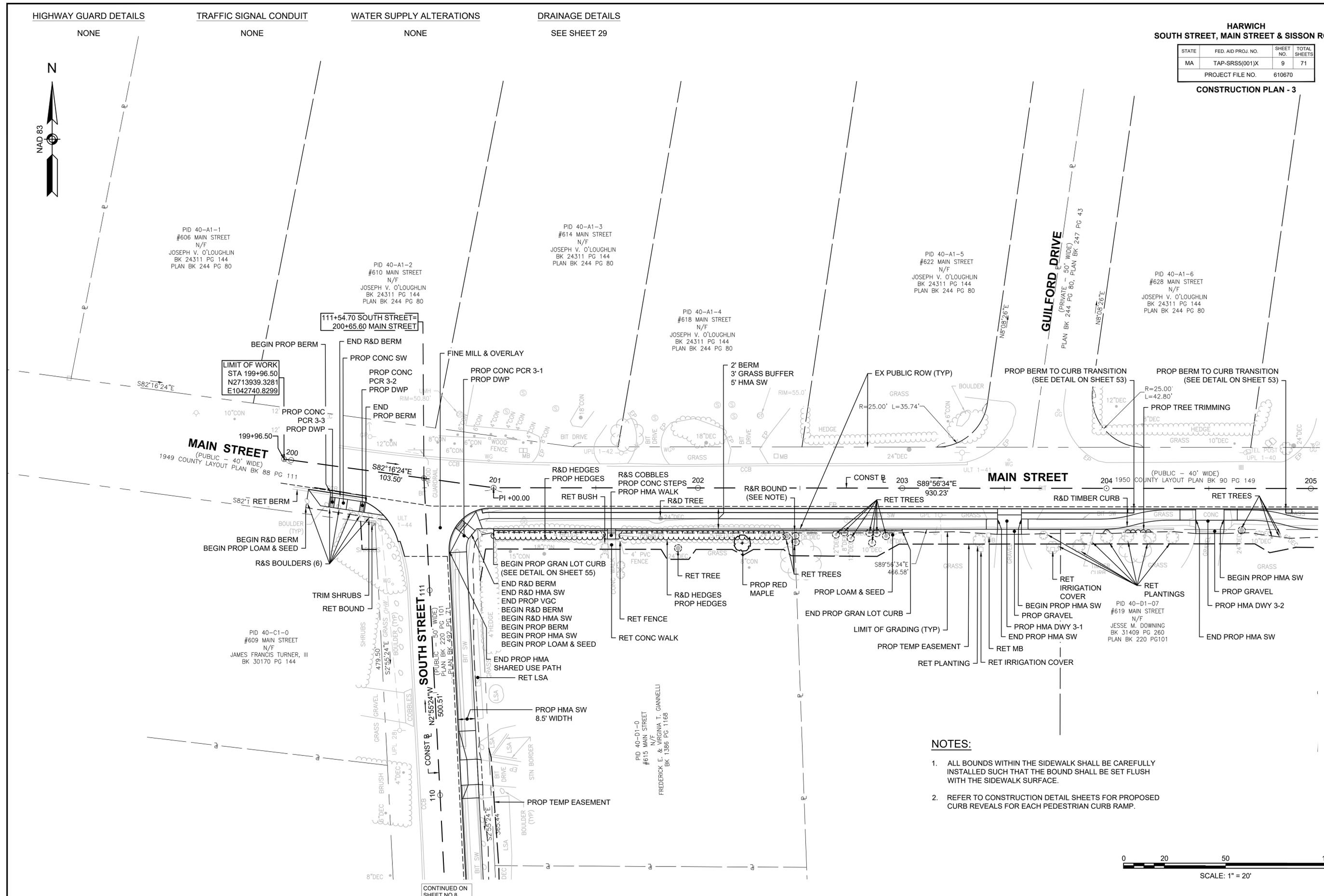
HARWICH
SOUTH STREET, MAIN STREET & SISSON ROAD

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	TAP-SRS5(001)X	9	71
PROJECT FILE NO.		610670	

CONSTRUCTION PLAN - 3

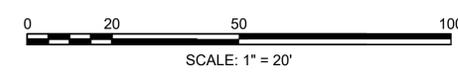


610670_HD(CONST PLAN-3).DWG Plotted on 11-Mar-2026 9:50 PM



NOTES:

1. ALL BOUNDS WITHIN THE SIDEWALK SHALL BE CAREFULLY INSTALLED SUCH THAT THE BOUND SHALL BE SET FLUSH WITH THE SIDEWALK SURFACE.
2. REFER TO CONSTRUCTION DETAIL SHEETS FOR PROPOSED CURB REVEALS FOR EACH PEDESTRIAN CURB RAMP.



CONTINUED ON SHEET NO.8

CONTINUED ON SHEET NO.10

HIGHWAY GUARD DETAILS

TRAFFIC SIGNAL CONDUIT

WATER SUPPLY ALTERATIONS

DRAINAGE DETAILS

GUARDRAIL TANGENT END TREATMENT (TL-3)
STA 206+43.48 RT TO STA 206+80.98 RT

NONE

NONE

SEE SHEET 30

GUARDRAIL, TL-3 (SINGLE-FACED) (DEEP POST)
STA 206+80.98 RT TO STA 207+73.32 RT

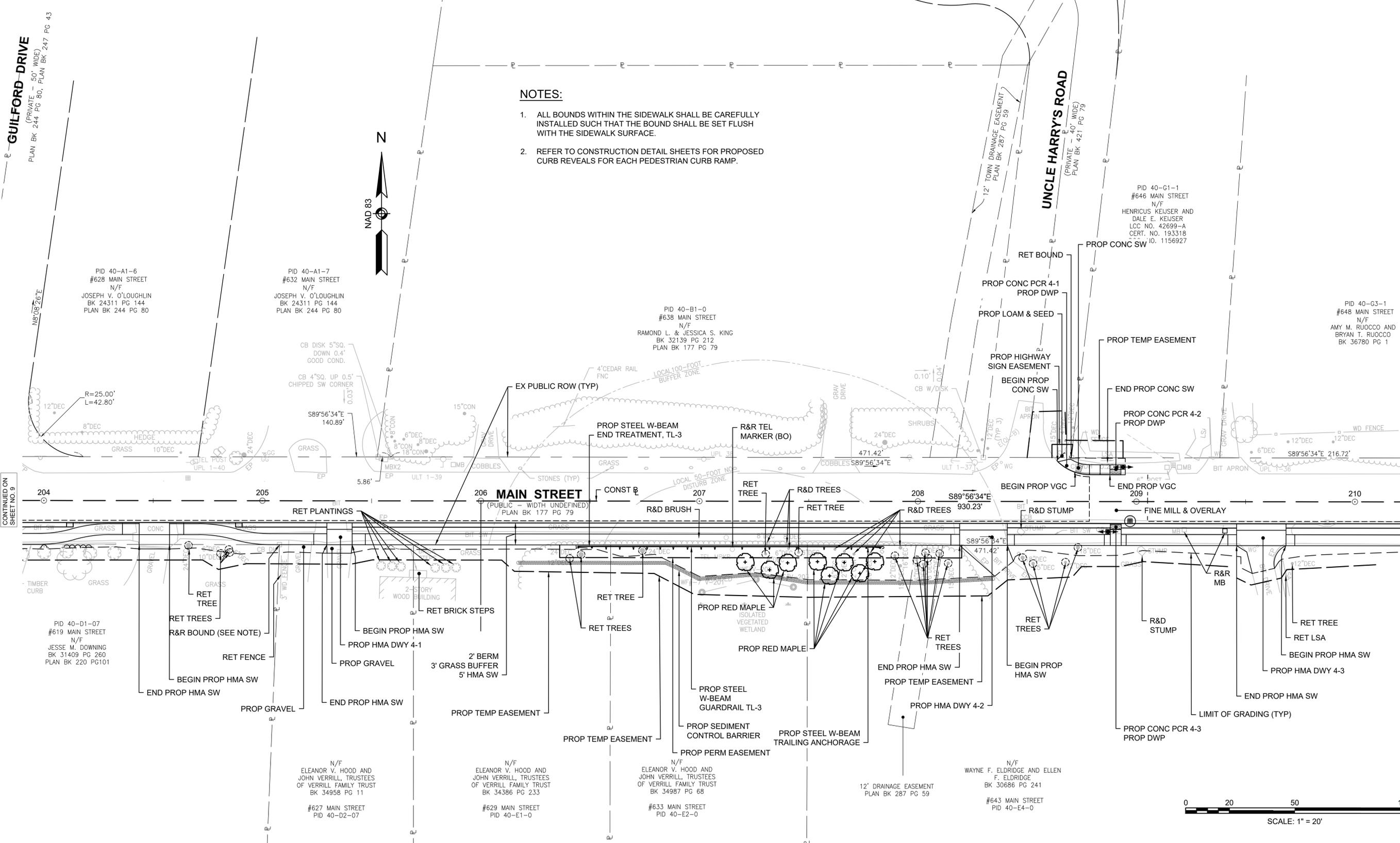
TRAILING ANCHORAGE

STA 207+73.32 RT TO STA 207+84.44 RT

HARWICH
SOUTH STREET, MAIN STREET & SISSON ROAD

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	TAP-SRS5(001)X	10	71
PROJECT FILE NO.		610670	

CONSTRUCTION PLAN - 4



NOTES:

1. ALL BOUNDS WITHIN THE SIDEWALK SHALL BE CAREFULLY INSTALLED SUCH THAT THE BOUND SHALL BE SET FLUSH WITH THE SIDEWALK SURFACE.
2. REFER TO CONSTRUCTION DETAIL SHEETS FOR PROPOSED CURB REVEALS FOR EACH PEDESTRIAN CURB RAMP.

CONTINUED ON SHEET NO. 9

CONTINUED ON SHEET NO. 11

HIGHWAY GUARD DETAILS

TRAFFIC SIGNAL CONDUIT

WATER SUPPLY ALTERATIONS

DRAINAGE DETAILS

NONE

NONE

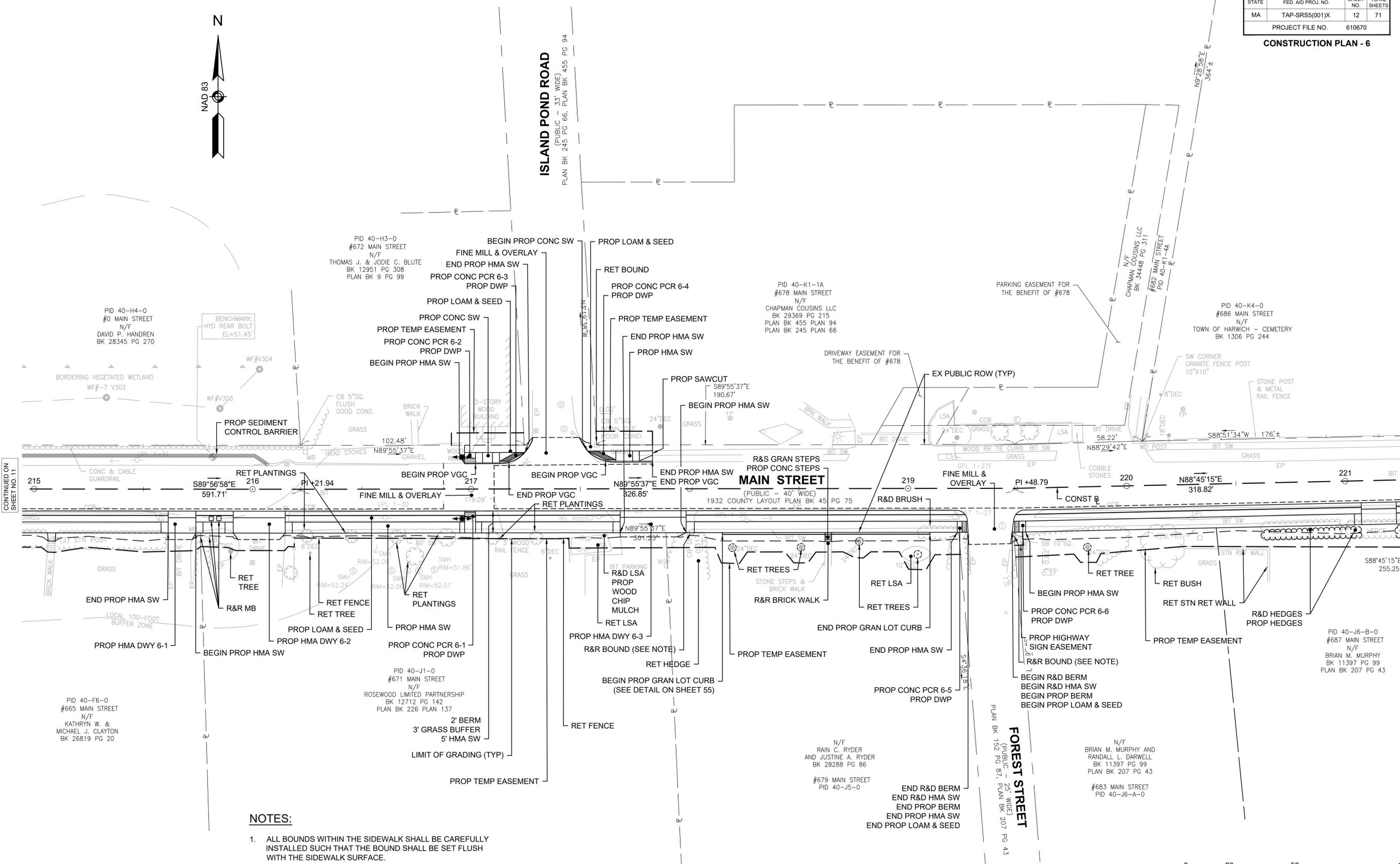
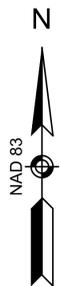
NONE

SEE SHEET 32

HARWICH SOUTH STREET, MAIN STREET & SISSON ROAD

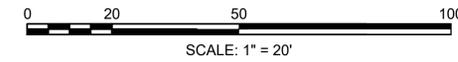
STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	TAP-SR55(001)X	12	71
PROJECT FILE NO.		610670	

CONSTRUCTION PLAN - 6



NOTES:

1. ALL BOUNDS WITHIN THE SIDEWALK SHALL BE CAREFULLY INSTALLED SUCH THAT THE BOUND SHALL BE SET FLUSH WITH THE SIDEWALK SURFACE.
2. REFER TO CONSTRUCTION DETAIL SHEETS FOR PROPOSED CURB REVEALS FOR EACH PEDESTRIAN CURB RAMP.



CONTINUED ON SHEET NO. 11

CONTINUED ON SHEET NO. 16

HIGHWAY GUARD DETAILS

TRAFFIC SIGNAL CONDUIT

WATER SUPPLY ALTERATIONS

DRAINAGE DETAILS

HARWICH
SOUTH STREET, MAIN STREET & SISSON ROAD

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	TAP-SRS5(001)X	13	71
PROJECT FILE NO.		610670	

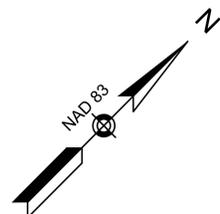
CONSTRUCTION PLAN - 7

NONE

NONE

NONE

SEE SHEET 33



PID 40-T6-0
#263 SOUTH STREET
N/F
TOWN OF HARWICH
BK 521 PG 396
PLAN BK 70 PG 125

PID 40-T3
#220 SISSON ROAD
N/F
JUDITH ANNE UNDERWOOD
BK 23272 PG 197

PID 40-T5
#226 SISSON ROAD
N/F
PETER D. GORI AND
LESLEY A. CANNON
BK 34074 PG 13

PID 31-B5
#198 SISSON ROAD
N/F
ROBIN MILLEN
BK 36224 PG 2
PLAN BK 344 PG 80

PROP TEMP EASEMENT
END PROP HMA SW
PROP CONC PCR 7-1
PROP DWP
PROP LOAM & SEED

SCHOOL HOUSE DRIVE

BEGIN R&D BERM
BEGIN R&D HMA SW
BEGIN PROP VGC
BEGIN PROP HMA SW
BEGIN PROP LOAM & SEED

BEGIN PROP END SW
PROP SAWCUT
PROP CONC PCR 7-2
PROP DWP

RET BUSHES
END PROP HMA SW
PROP TEMP EASEMENT

PROP HMA DWY 7-1
PID 40-T1
#210 SISSON ROAD
N/F
DAVID R. & ANN E. LEFEBVRE
BK 32431 PG 269

PID 40-T2
#214 SISSON ROAD
THE WALPOLE
IRREVOCABLE TRUST, EMILY
WALPOLE, RENAUD, TR.
BK 37086 PG 141
PLAN BK 121 PLAN 93

BEGIN PROP HMA SW
RET COBBLE CURB

PROP GRAVEL
PROP HMA DWY 7-3

PROP TEMP EASEMENT

BEGIN PROP HMA SW

BEGIN PROP HMA SW

PROP HMA DWY 7-4

PROP GRAVEL

END PROP HMA SW

SISSON ROAD

(PUBLIC - 40' WIDE)
1931 COUNTY LAYOUT PLAN BK 44 PG 29

PROP SAWCUT
BEGIN R&D VGC
BEGIN PROP VGC

END R&D VGC
END PROP VGC

PROP CUT & MATCH

SISSON ROAD

(PUBLIC - 40' WIDE)
1931 COUNTY LAYOUT PLAN BK 44 PG 33

PROP HMA WALK

CONST

PROP PATCHING
PROP FINE MILL AND OVERLAY

R&R MB

RET HEDGES
TRIM HEDGES

PID 31-A2
#199 SISSON ROAD
N/F
JENNA R. COULSEY
BK 35181 PG 225

PID 31-A3
#205 SISSON ROAD
N/F
ZELCH IRREVOCABLE TRUST
GARY ZELCH AND ELIZABETH ZELCH, TR.
BK 36815 PG 127

PID 31-A4
#207 SISSON ROAD
N/F
MELISSA M. SOUTHWORTH
BK 33620 PG 45

PID 31-A5
#211 SISSON ROAD
N/F
THOMAS A. & CAROL J. THIBERT
BK 25754 PG 122

PID 31-D4-11
#3 CHLOES PATH
N/F
HFH DEVELOPMENT, LLC
BK 29940 PG 204
PLAN BK 359 PLAN 21
PLAN BK 666 PLAN 21

PID 31-D4-3
#4 CHLOES PATH
N/F
HFH DEVELOPMENT, LLC
BK 29940 PG 204
PLAN BK 359 PLAN 21
PLAN BK 666 PLAN 21

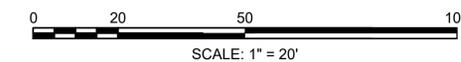
PID 40-X1-7
#225 SISSON ROAD
N/F
ROBERT C. & KATHY L. CLOBRIDGE
BK 6840 PG 18
PLAN BK 209 PLAN 89

PROJECT END
STA 51+90
N2712464.2065
E1043903.5892

CHLOES PATH
PRIVATE - 30' WIDE
PLAN BOOK 666, PAGE 21

NOTE:

- REFER TO CONSTRUCTION DETAIL SHEETS FOR PROPOSED CURB REVEALS FOR EACH PEDESTRIAN CURB RAMP.



CONTINUED ON
SHEET NO. 14

610670_HD(CONST PLAN-7).DWG Plotted on 11-Mar-2026 9:52 PM

HIGHWAY GUARD DETAILS

STEEL W-BEAM TRAILING ANCHORAGE
STA 59+15.81 LT TO STA 59+26.93 LT
STA 60+46.58 LT TO STA 60+57.52 LT

THRIE-BEAM TO-W BEAM TRANSITION
STA 59+26.93 LT TO STA 59+33.18 LT
STA 60+40.33 LT TO STA 60+46.58 LT

STEEL THRIE-BEAM GUARDRAIL (TL-3) (DEEP POST)
(SEE DETAIL ON SHEET 54)
STA 59+33.18 LT TO STA 60+40.33 LT

TRAFFIC SIGNAL CONDUIT

NONE

WATER SUPPLY ALTERATIONS

NONE

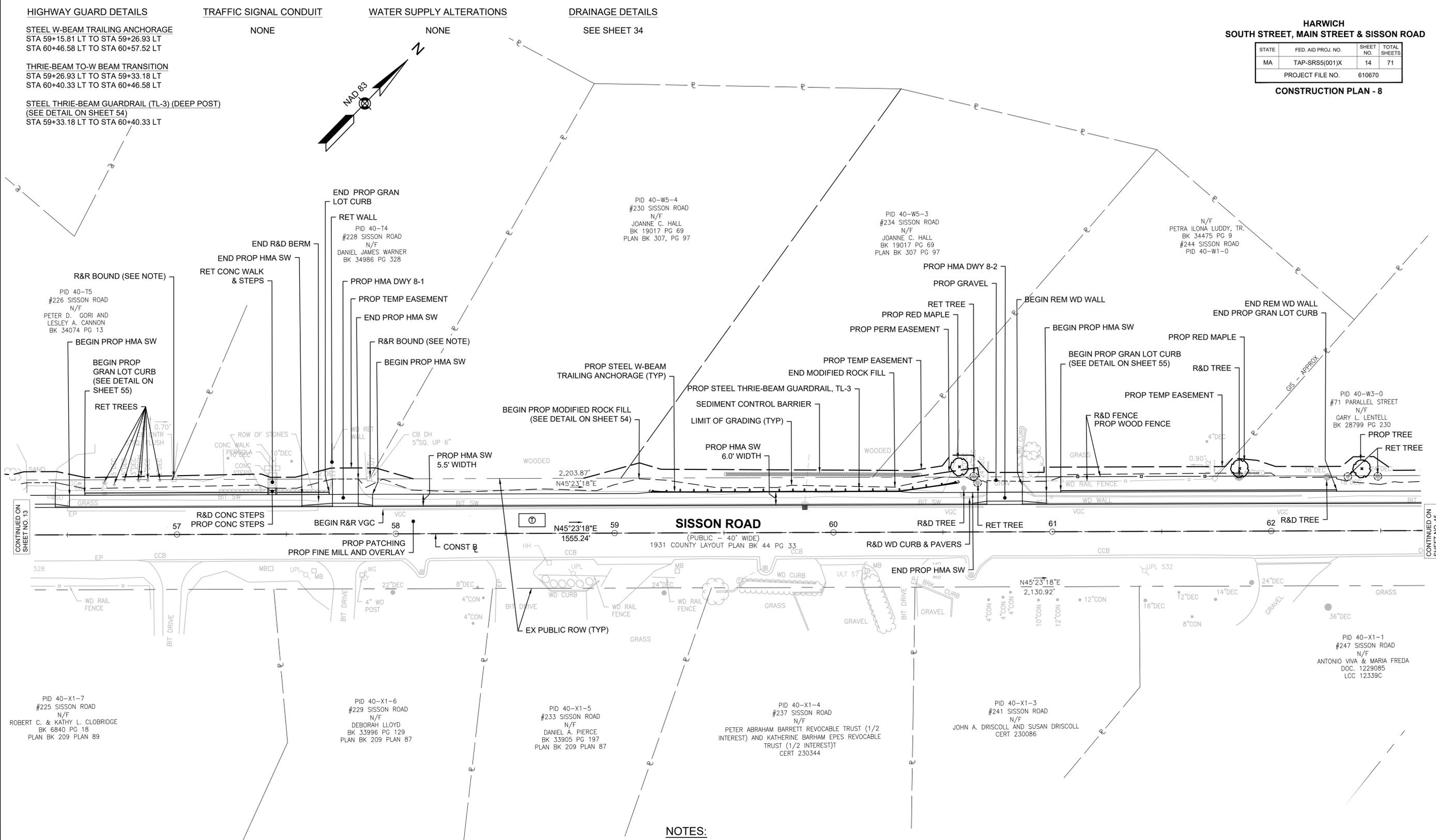
DRAINAGE DETAILS

SEE SHEET 34

HARWICH
SOUTH STREET, MAIN STREET & SISSON ROAD

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	TAP-SRSS(001)X	14	71
PROJECT FILE NO.		610670	

CONSTRUCTION PLAN - 8



NOTES:

1. ALL BOUNDS WITHIN THE SIDEWALK SHALL BE CAREFULLY INSTALLED SUCH THAT THE BOUND SHALL BE SET FLUSH WITH THE SIDEWALK SURFACE.
2. REFER TO CONSTRUCTION DETAIL SHEETS FOR PROPOSED CURB REVEALS FOR EACH PEDESTRIAN CURB RAMP.



CONTINUED ON SHEET NO. 13

CONTINUED ON SHEET NO. 15

610670_HD(CONST PLAN-8).DWG Plotted on 11-Mar-2026 9:52 PM

HIGHWAY GUARD DETAILS

TRAFFIC SIGNAL CONDUIT

WATER SUPPLY ALTERATIONS

DRAINAGE DETAILS

NONE

NONE

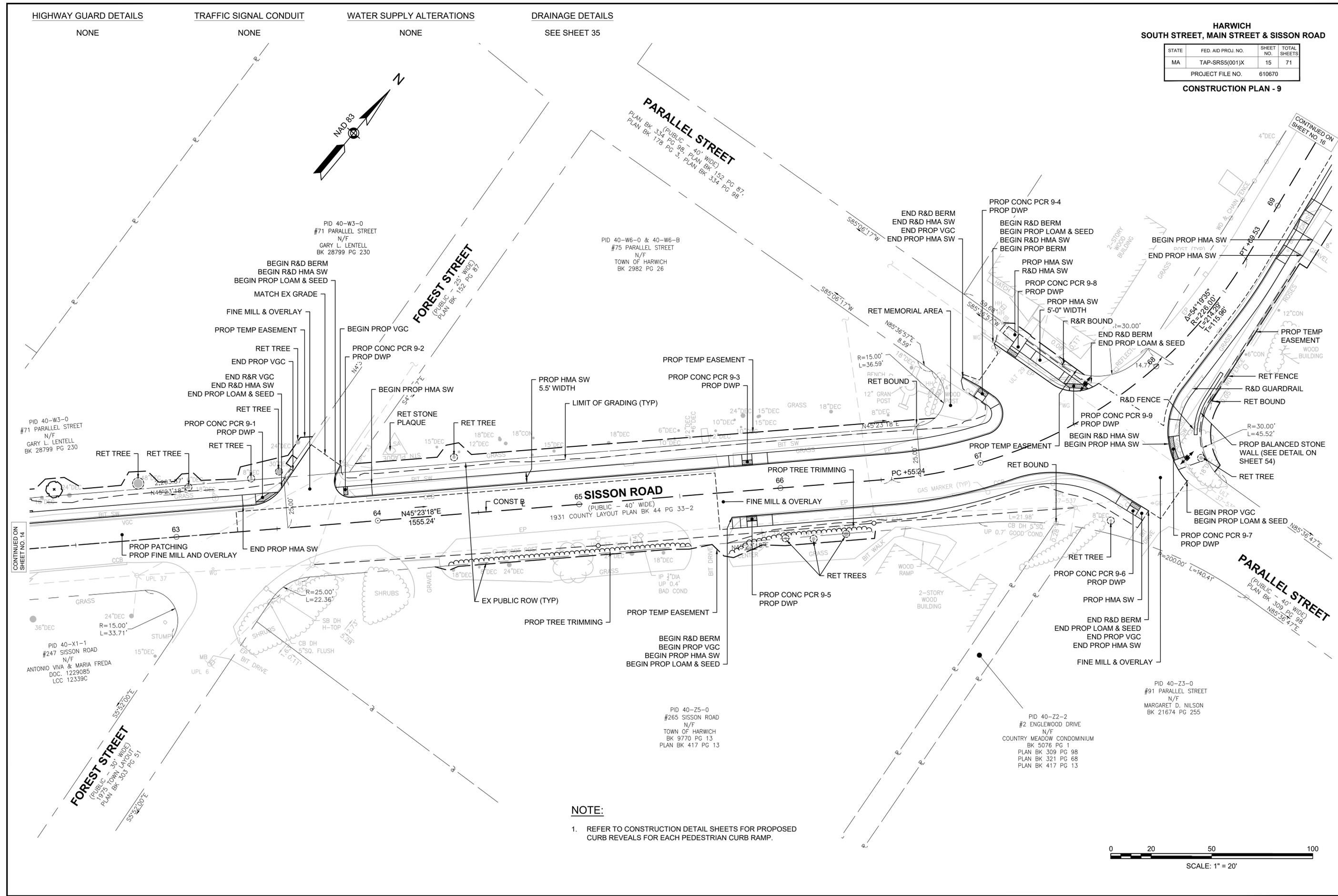
NONE

SEE SHEET 35

HARWICH
SOUTH STREET, MAIN STREET & SISSON ROAD

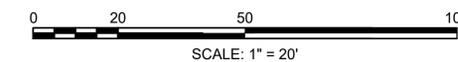
STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	TAP-SR55(001)X	15	71
PROJECT FILE NO.		610670	

CONSTRUCTION PLAN - 9



NOTE:

- REFER TO CONSTRUCTION DETAIL SHEETS FOR PROPOSED CURB REVEALS FOR EACH PEDESTRIAN CURB RAMP.



HARWICH
SOUTH STREET, MAIN STREET & SISSON ROAD

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	TAP-SRSS(001)X	17	71
PROJECT FILE NO.		610670	

CURB TIE & GRADING PLAN - 1



SOUTH STREET
(PUBLIC - 50' WIDE)
PLAN BK 401 PG 18, PLAN BK 108 PG 153

BISHOP'S LANE
(PRIVATE - 40' WIDE)
PLAN BK 401 PG 18

PROJECT BEGIN
STA 100+78
N2712854.2367
E1042851.7709

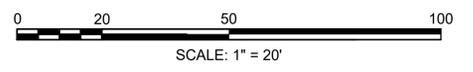
PID 40-N16-0
#0 BISHOPS LANE
N/F
VILLAGE WOODS HOMEOWNERS ASSOCIATION, INC.
BK 5171 PG 223
PLAN BK 401 PG 18
OPEN SPACE

PID 40-N14-0
#11 BISHOPS LANE
N/F
SUSAN L. LUTHER
BK 18057 PG 332
PLAN BK 401 PG 18

PID 40-M5-0
#249 SOUTH STREET
N/F
JOSHUA & AMANDA FORD
BK 20163 PG 54

PID 40-T6-0
#263 SOUTH STREET
N/F
TOWN OF HARWICH
(SCHOOL PURPOSES)
BK 837 PG 331
PLAN BK 108 PG 153 PARCEL A

SOUTH STREET CONSTRUCTION BASELINE DATA								
NUMBER	STARTING STATION	NORTHING	EASTING	CURVE DATA	LINE DATA	ENDING STATION	NORTHING	EASTING
L1	100+00.00	2712776.270	1042854.064		N1°41'05"W 654.19'	106+54.19	2713430.180	1042834.830



CONTINUED ON
SHEET NO. 18

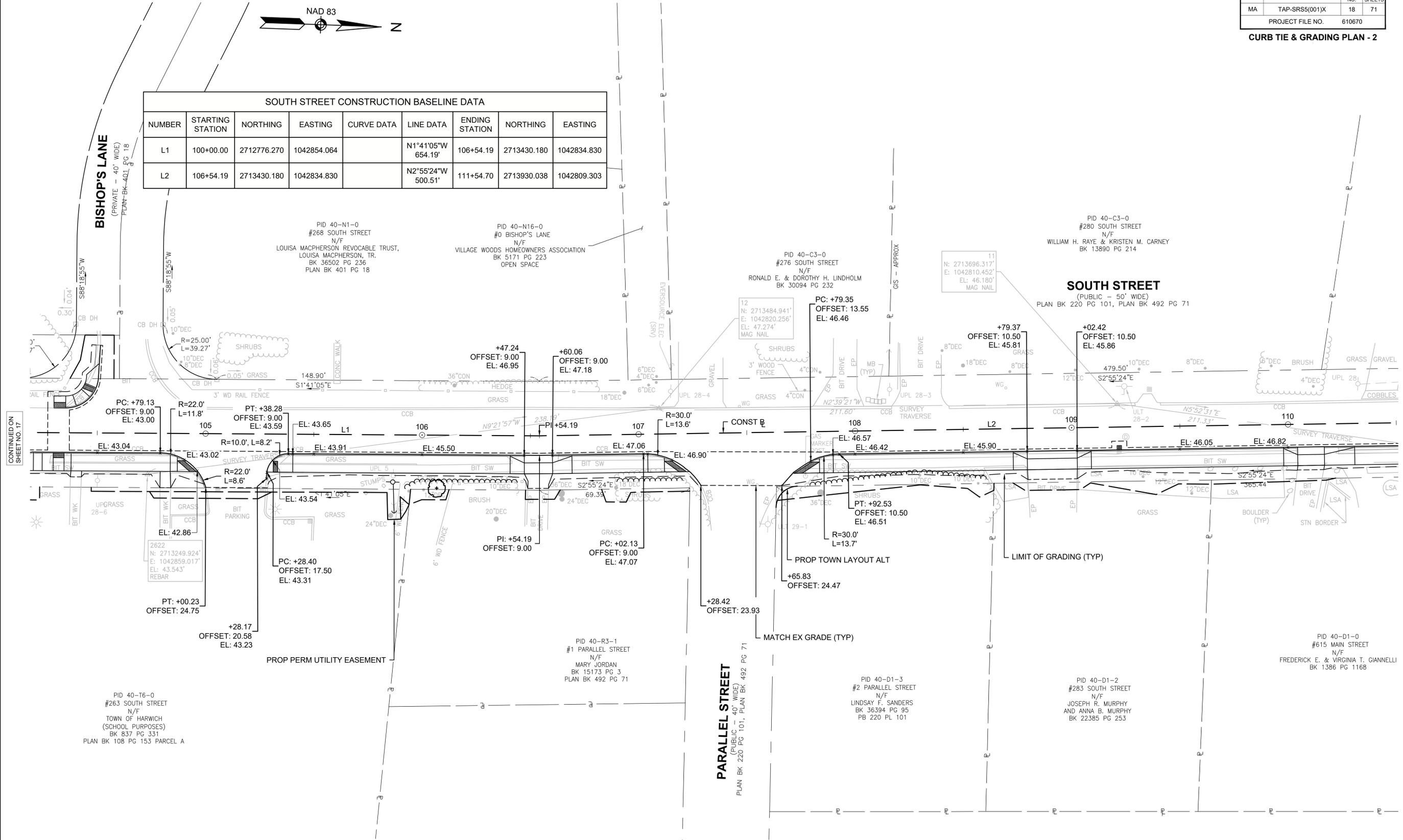
HARWICH
SOUTH STREET, MAIN STREET & SISSON ROAD

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	TAP-SRSS(001)X	18	71
PROJECT FILE NO.		610670	

CURB TIE & GRADING PLAN - 2

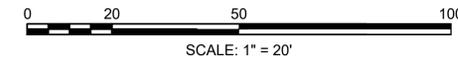


SOUTH STREET CONSTRUCTION BASELINE DATA								
NUMBER	STARTING STATION	NORTHING	EASTING	CURVE DATA	LINE DATA	ENDING STATION	NORTHING	EASTING
L1	100+00.00	2712776.270	1042854.064		N1°41'05"W 654.19'	106+54.19	2713430.180	1042834.830
L2	106+54.19	2713430.180	1042834.830		N2°55'24"W 500.51'	111+54.70	2713930.038	1042809.303



CONTINUED ON
SHEET NO. 17

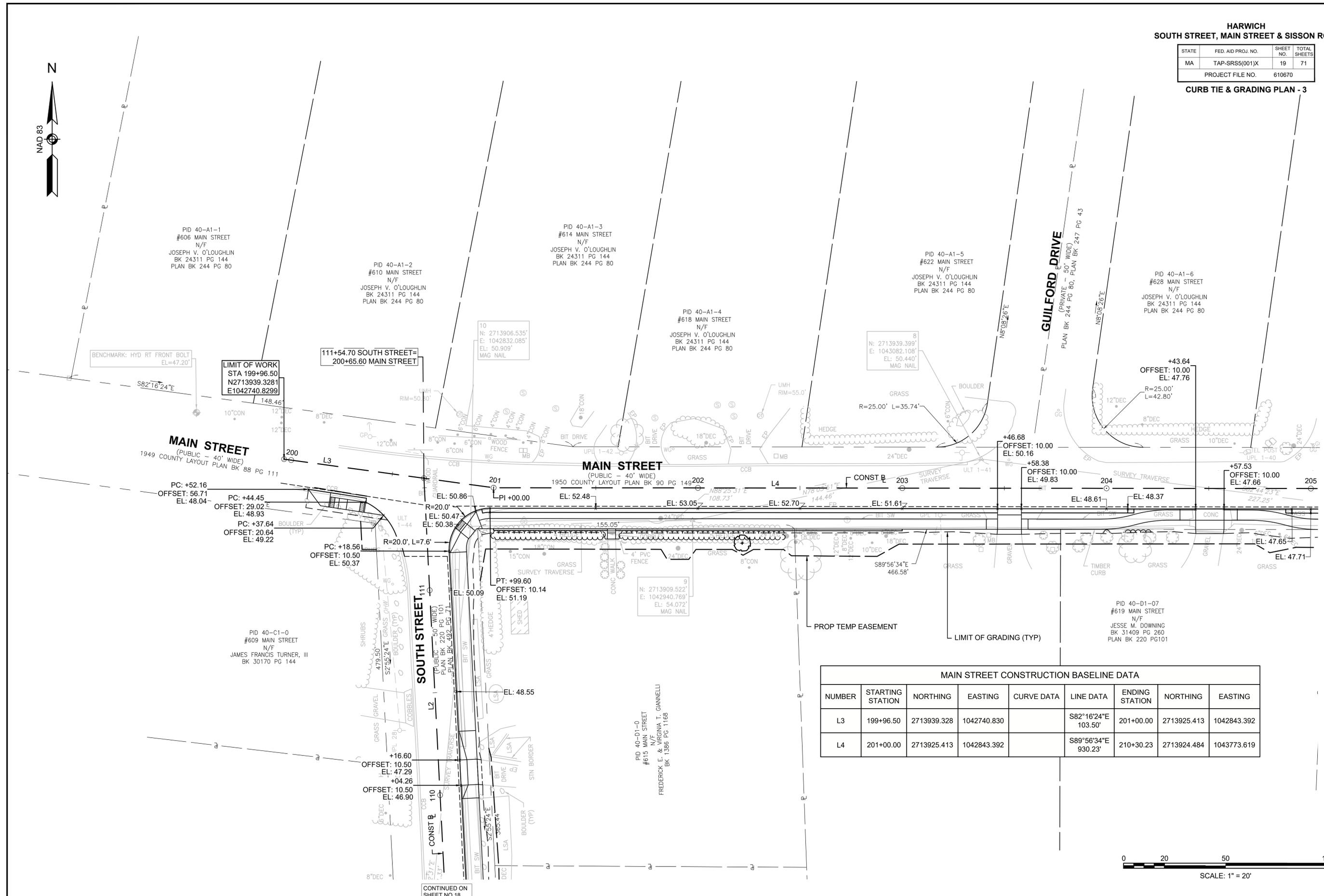
CONTINUED ON
SHEET NO. 19



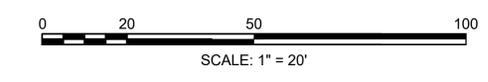
HARWICH
SOUTH STREET, MAIN STREET & SISSON ROAD

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	TAP-SR55(001)X	19	71
PROJECT FILE NO.		610670	

CURB TIE & GRADING PLAN - 3



MAIN STREET CONSTRUCTION BASELINE DATA								
NUMBER	STARTING STATION	NORTHING	EASTING	CURVE DATA	LINE DATA	ENDING STATION	NORTHING	EASTING
L3	199+96.50	2713939.328	1042740.830		S82°16'24"E 103.50'	201+00.00	2713925.413	1042843.392
L4	201+00.00	2713925.413	1042843.392		S89°56'34"E 930.23'	210+30.23	2713924.484	1043773.619



CONTINUED ON SHEET NO. 20

CONTINUED ON SHEET NO. 18

HARWICH
SOUTH STREET, MAIN STREET & SISSON ROAD

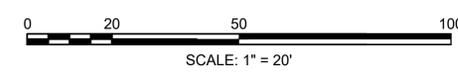
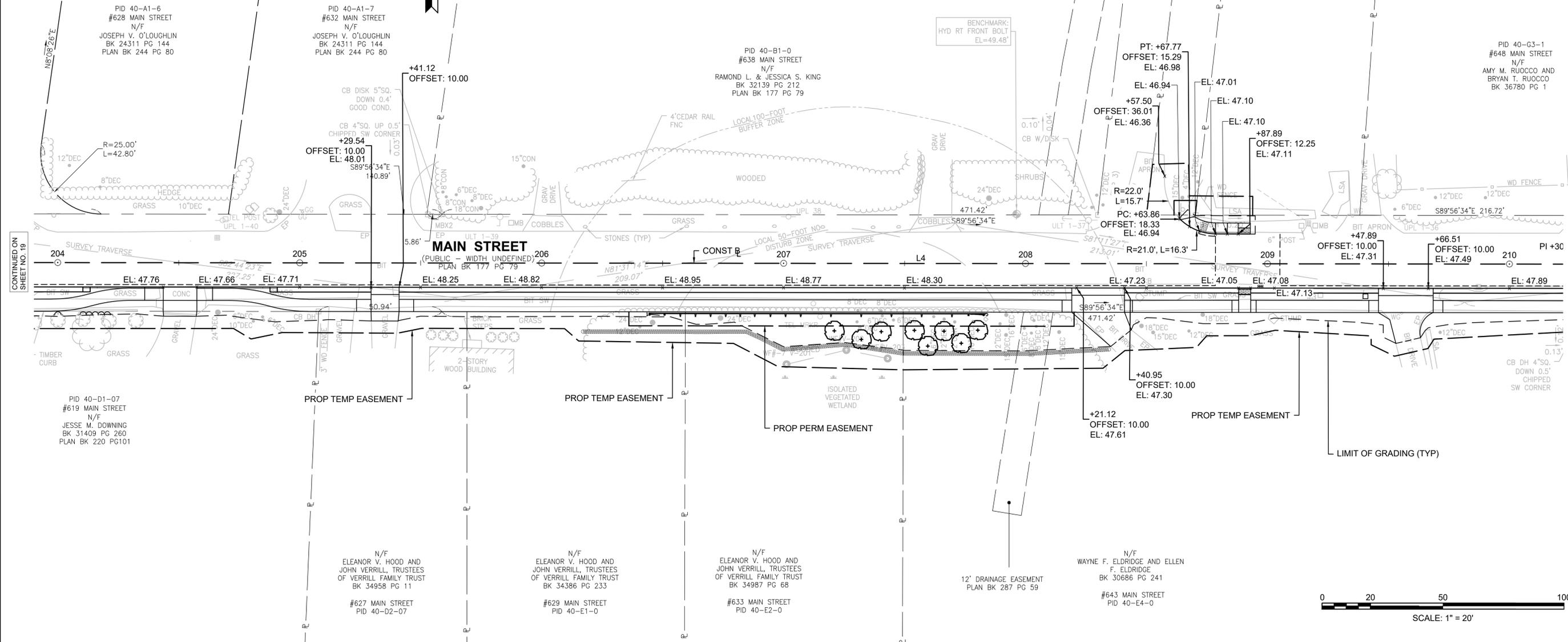
STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	TAP-SRSS(001)X	20	71
PROJECT FILE NO.		610670	

CURB TIE & GRADING PLAN - 4

MAIN STREET CONSTRUCTION BASELINE DATA								
NUMBER	STARTING STATION	NORTHING	EASTING	CURVE DATA	LINE DATA	ENDING STATION	NORTHING	EASTING
L4	201+00.00	2713925.413	1042843.392		S89°56'34"E 930.23'	210+30.23	2713924.484	1043773.619

GUILFORD DRIVE
(PRIVATE - 50' WIDE)
PLAN BK 244 PG 80, PLAN BK 247 PG 43

UNCLE HARRY'S ROAD
(PRIVATE - 40' WIDE)
PLAN BK 421 PG 79



CONTINUED ON
SHEET NO. 19

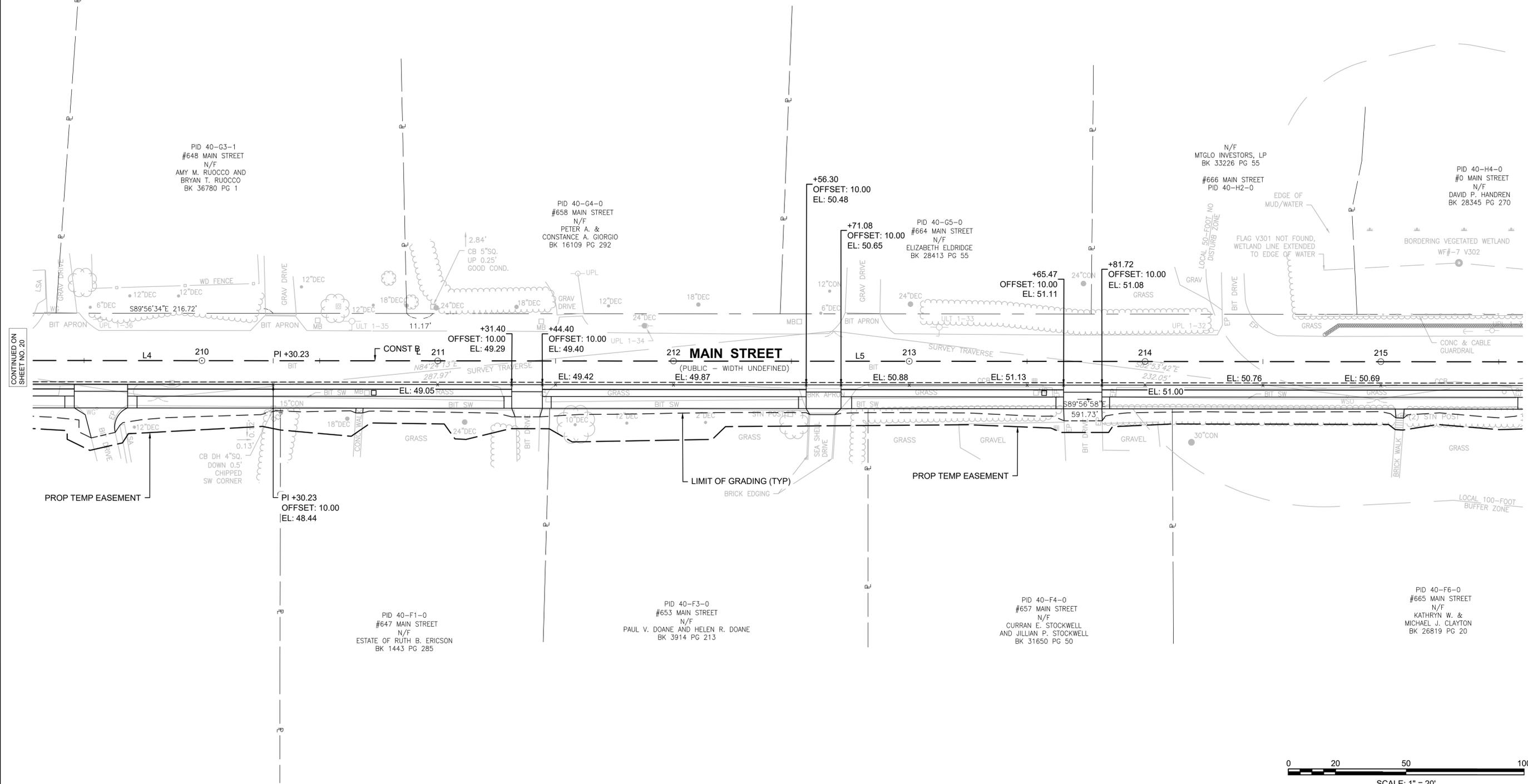
CONTINUED ON
SHEET NO. 21

HARWICH
SOUTH STREET, MAIN STREET & SISSON ROAD

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	TAP-SRS5(001)X	21	71
PROJECT FILE NO.		610670	

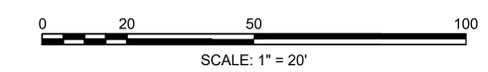
CURB TIE & GRADING PLAN - 5

MAIN STREET CONSTRUCTION BASELINE DATA								
NUMBER	STARTING STATION	NORTHING	EASTING	CURVE DATA	LINE DATA	ENDING STATION	NORTHING	EASTING
L4	201+00.00	2713925.413	1042843.392		S89°56'34"E 930.23'	210+30.23	2713924.484	1043773.619
L5	210+30.23	2713924.484	1043773.619		S89°56'58"E 591.71'	216+21.94	2713923.963	1044365.328



CONTINUED ON
SHEET NO. 20

CONTINUED ON
SHEET NO. 22



HARWICH
SOUTH STREET, MAIN STREET & SISSON ROAD

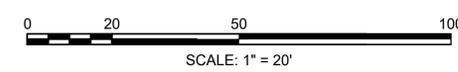
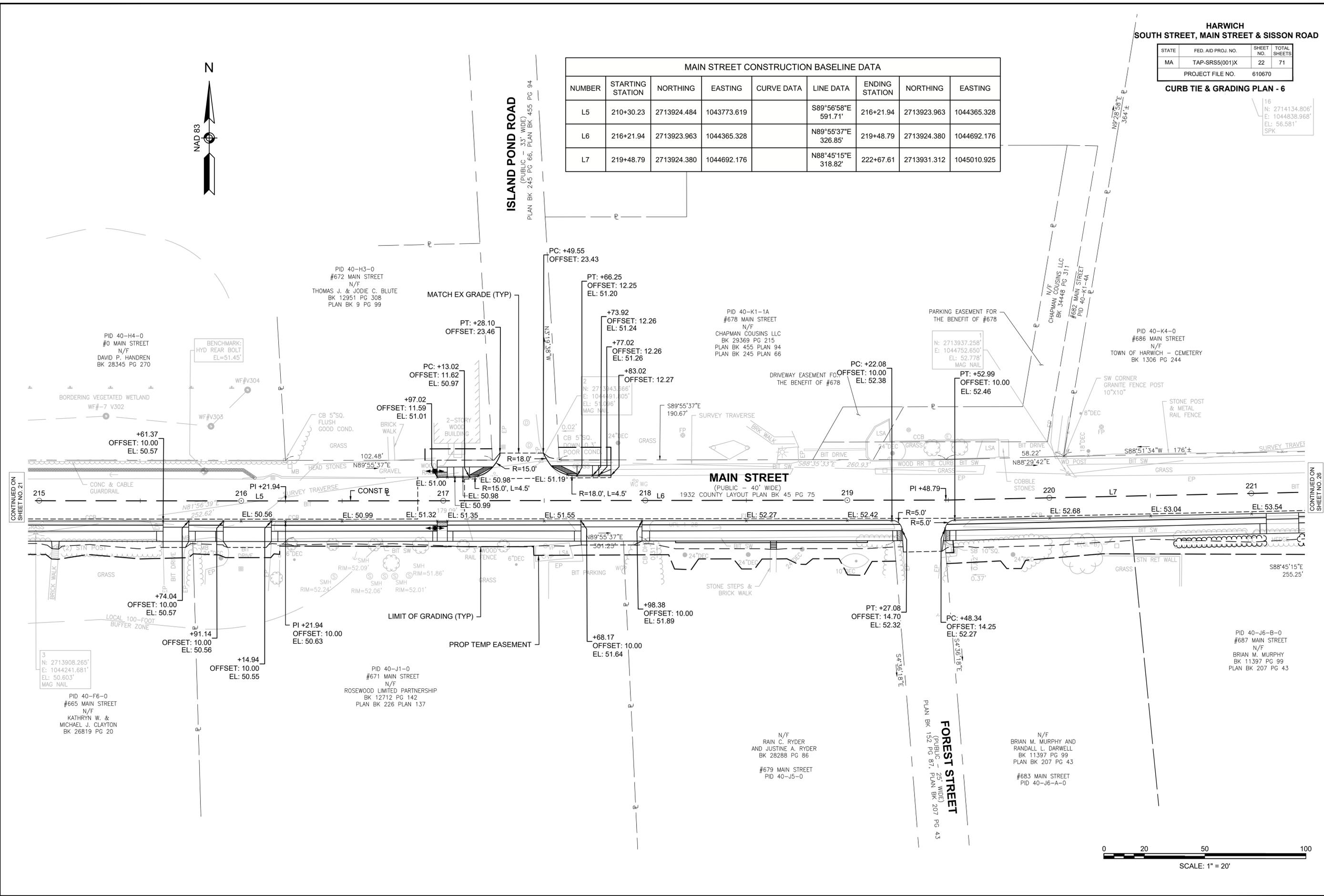
STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	TAP-SRS5(001)X	22	71
PROJECT FILE NO.		610670	

CURB TIE & GRADING PLAN - 6

MAIN STREET CONSTRUCTION BASELINE DATA							
NUMBER	STARTING STATION	NORTHING	EASTING	CURVE DATA	LINE DATA	ENDING STATION	EASTING
L5	210+30.23	2713924.484	1043773.619		S89°56'58"E 591.71'	216+21.94	2713923.963
L6	216+21.94	2713923.963	1044365.328		N89°55'37"E 326.85'	219+48.79	2713924.380
L7	219+48.79	2713924.380	1044692.176		N88°45'15"E 318.82'	222+67.61	2713931.312

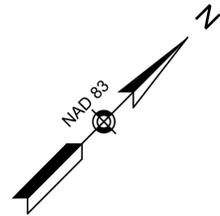


16
N: 2714134.806'
E: 1044838.968'
EL: 56.581'
SPK



CONTINUED ON
SHEET NO. 21

CONTINUED ON
SHEET NO. 23

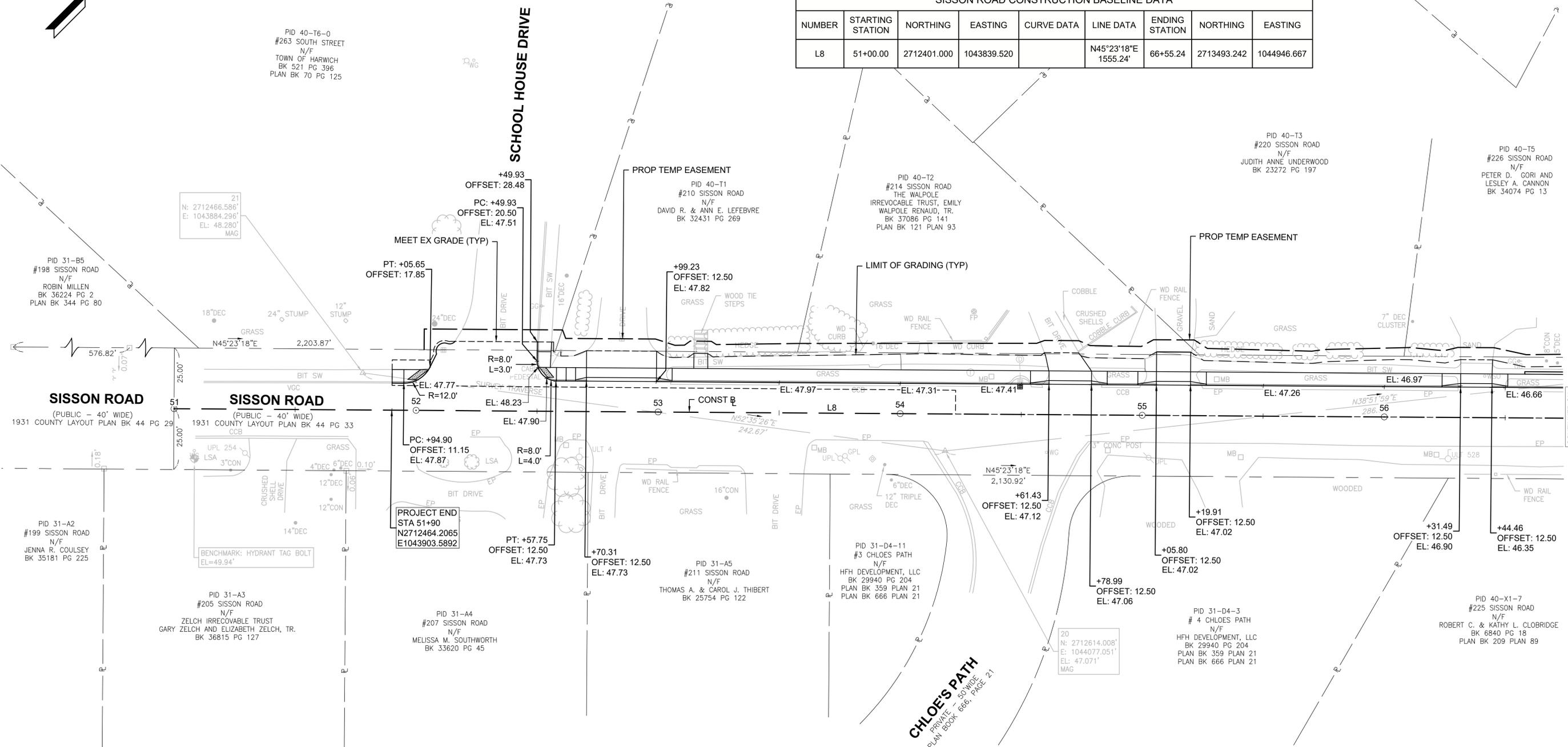


HARWICH
SOUTH STREET, MAIN STREET & SISSON ROAD

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	TAP-SR55(001)X	23	71
PROJECT FILE NO.		610670	

CURB TIE & GRADING PLAN - 7

SISSON ROAD CONSTRUCTION BASELINE DATA								
NUMBER	STARTING STATION	NORTHING	EASTING	CURVE DATA	LINE DATA	ENDING STATION	NORTHING	EASTING
L8	51+00.00	2712401.000	1043839.520		N45°23'18"E 1555.24'	66+55.24	2713493.242	1044496.667



PID 40-T6-0
 #263 SOUTH STREET
 N/F
 TOWN OF HARWICH
 BK 521 PG 396
 PLAN BK 70 PG 125

PID 31-B5
 #198 SISSON ROAD
 N/F
 ROBIN MILLEN
 BK 36224 PG 2
 PLAN BK 344 PG 80

SISSON ROAD
 (PUBLIC - 40' WIDE)
 1931 COUNTY LAYOUT PLAN BK 44 PG 29

SISSON ROAD
 (PUBLIC - 40' WIDE)
 1931 COUNTY LAYOUT PLAN BK 44 PG 33

PID 31-A2
 #199 SISSON ROAD
 N/F
 JENNA R. COULSEY
 BK 35181 PG 225

PID 31-A3
 #205 SISSON ROAD
 N/F
 ZELCH IRREVOCABLE TRUST
 GARY ZELCH AND ELIZABETH ZELCH, TR.
 BK 36815 PG 127

PID 31-A4
 #207 SISSON ROAD
 N/F
 MELISSA M. SOUTHWORTH
 BK 33620 PG 45

PID 31-A5
 #211 SISSON ROAD
 N/F
 THOMAS A. & CAROL J. THIBERT
 BK 25754 PG 122

PID 31-A5
 #211 SISSON ROAD
 N/F
 THOMAS A. & CAROL J. THIBERT
 BK 25754 PG 122

PID 31-D4-11
 #3 CHLOES PATH
 N/F
 HFH DEVELOPMENT, LLC
 BK 29940 PG 204
 PLAN BK 359 PLAN 21
 PLAN BK 666 PLAN 21

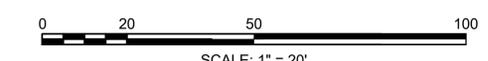
PID 31-D4-3
 #4 CHLOES PATH
 N/F
 HFH DEVELOPMENT, LLC
 BK 29940 PG 204
 PLAN BK 359 PLAN 21
 PLAN BK 666 PLAN 21

PID 40-X1-7
 #225 SISSON ROAD
 N/F
 ROBERT C. & KATHY L. CLOBRIDGE
 BK 6840 PG 18
 PLAN BK 209 PLAN 89

CHLOE'S PATH
 PRIVATE - 30' WIDE
 PLAN BOOK 666, PAGE 21

PROJECT END
 STA 51+90
 N2712464.2065
 E1043903.5892

20
 N: 2712614.008'
 E: 1044077.051'
 EL: 47.071'
 MAG

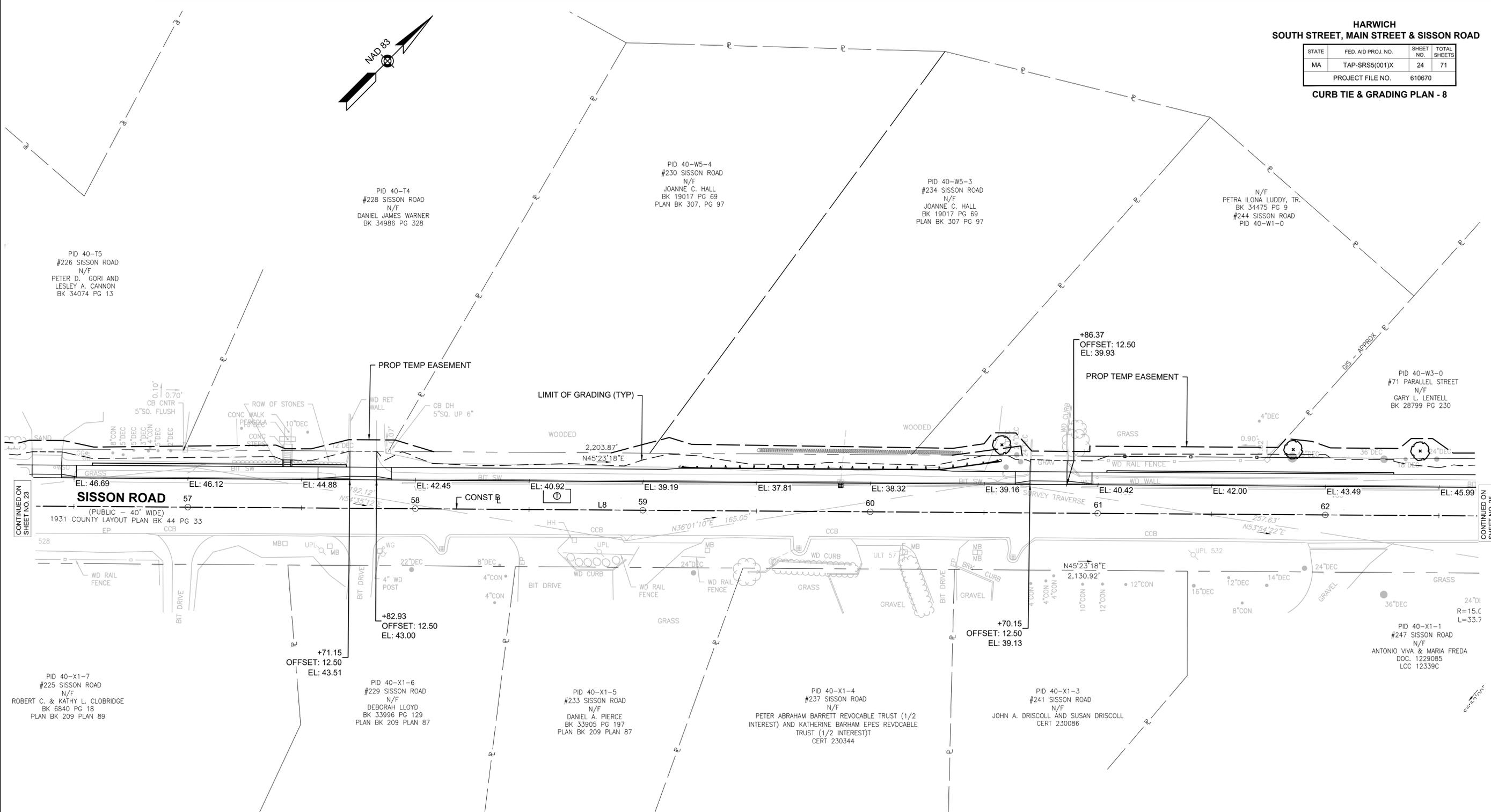


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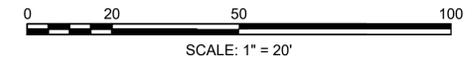
HARWICH
SOUTH STREET, MAIN STREET & SISSON ROAD

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	TAP-SRSS(001)X	24	71
PROJECT FILE NO.		610670	

CURB TIE & GRADING PLAN - 8



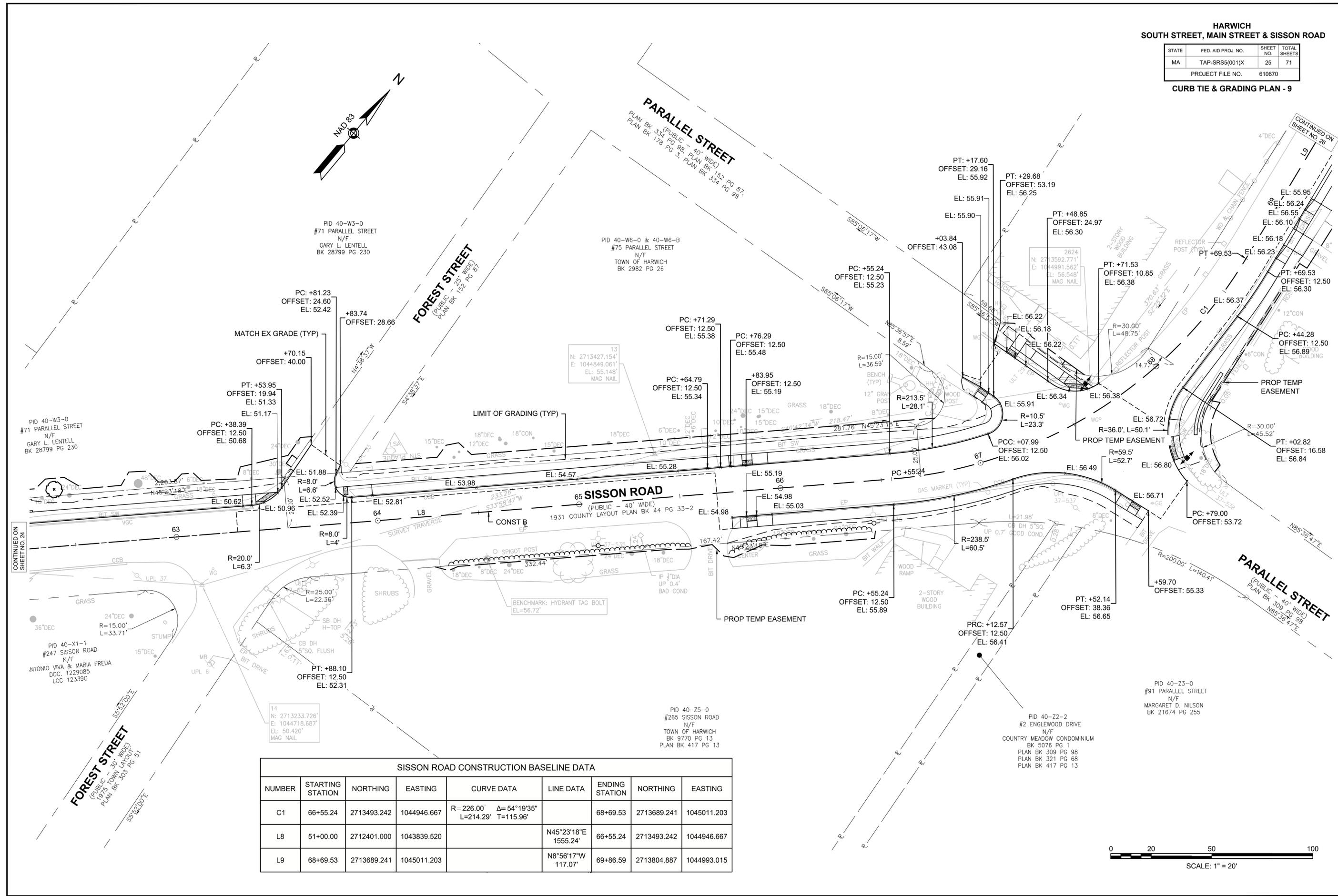
SISSON ROAD CONSTRUCTION BASELINE DATA								
NUMBER	STARTING STATION	NORTHING	EASTING	CURVE DATA	LINE DATA	ENDING STATION	NORTHING	EASTING
L8	51+00.00	2712401.000	1043839.520		N45°23'18"E 1555.24'	66+55.24	2713493.242	1044946.667



HARWICH
SOUTH STREET, MAIN STREET & SISSON ROAD

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	TAP-SR55(001)X	25	71
PROJECT FILE NO.		610670	

CURB TIE & GRADING PLAN - 9



NUMBER	STARTING STATION	NORTHING	EASTING	CURVE DATA	LINE DATA	ENDING STATION	NORTHING	EASTING
C1	66+55.24	2713493.242	1044946.667	R=226.00' Δ=54°19'35" L=214.29' T=115.96'		68+69.53	2713689.241	1045011.203
L8	51+00.00	2712401.000	1043839.520		N45°23'18"E 1555.24'	66+55.24	2713493.242	1044946.667
L9	68+69.53	2713689.241	1045011.203		N8°56'17"W 117.07'	69+86.59	2713804.887	1044993.015



610670_HD(TIE & GRADING-9).DWG Plotted on 11-Mar-2026 4:40 PM

HARWICH
SOUTH STREET, MAIN STREET & SISSON ROAD

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	TAP-SRSS(001)X	26	71
PROJECT FILE NO.		610670	

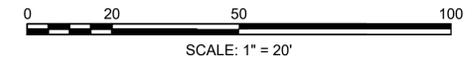
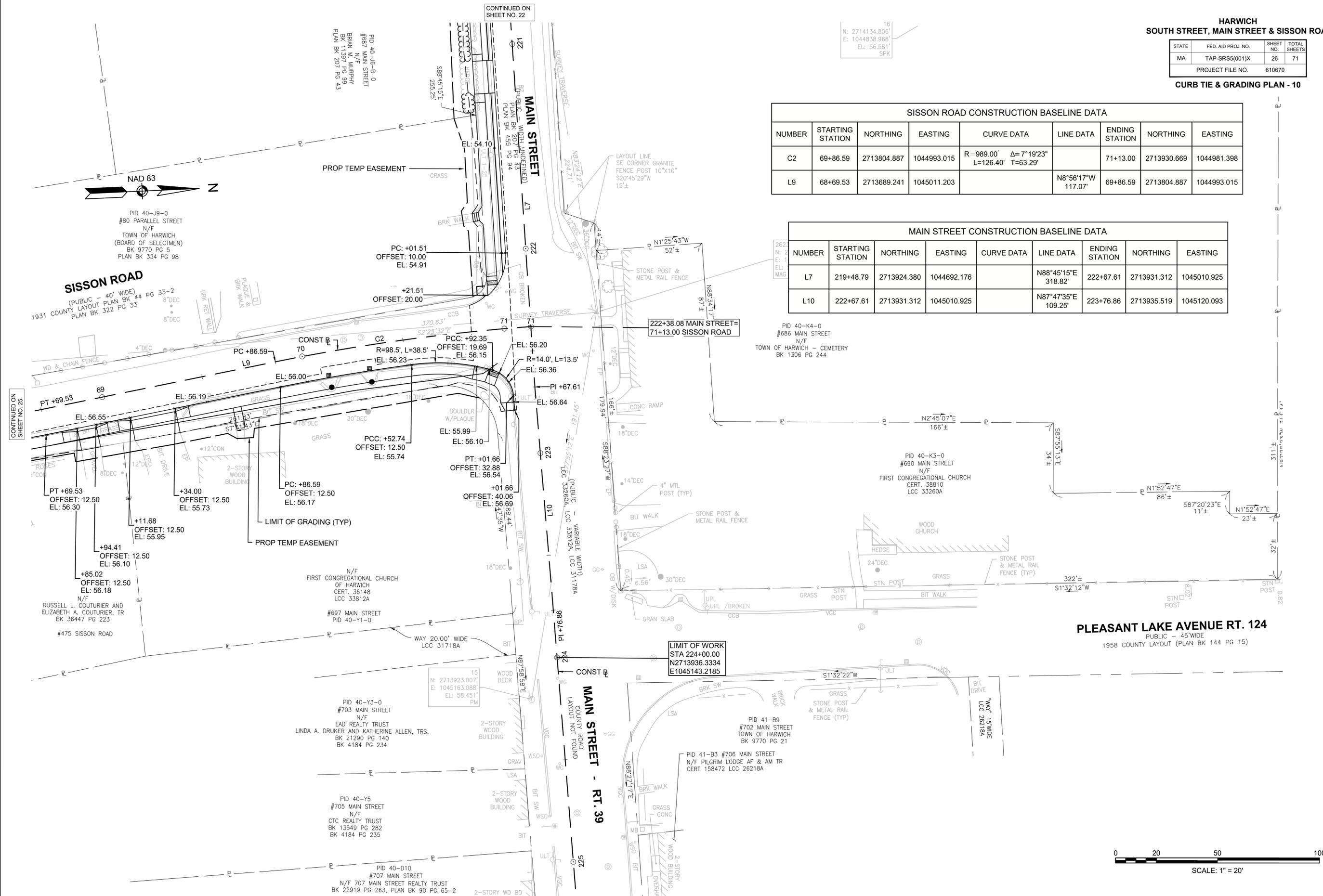
CURB TIE & GRADING PLAN - 10

SISSON ROAD CONSTRUCTION BASELINE DATA

NUMBER	STARTING STATION	NORTHING	EASTING	CURVE DATA	LINE DATA	ENDING STATION	NORTHING	EASTING
C2	69+86.59	2713804.887	1044993.015	R=989.00' Δ=7°19'23" L=126.40' T=63.29'		71+13.00	2713930.669	1044981.398
L9	68+69.53	2713689.241	1045011.203		N8°56'17"W 117.07'	69+86.59	2713804.887	1044993.015

MAIN STREET CONSTRUCTION BASELINE DATA

NUMBER	STARTING STATION	NORTHING	EASTING	CURVE DATA	LINE DATA	ENDING STATION	NORTHING	EASTING
L7	219+48.79	2713924.380	1044692.176		N88°45'15"E 318.82'	222+67.61	2713931.312	1045010.925
L10	222+67.61	2713931.312	1045010.925		N87°47'35"E 109.25'	223+76.86	2713935.519	1045120.093



CONTINUED ON SHEET NO. 25

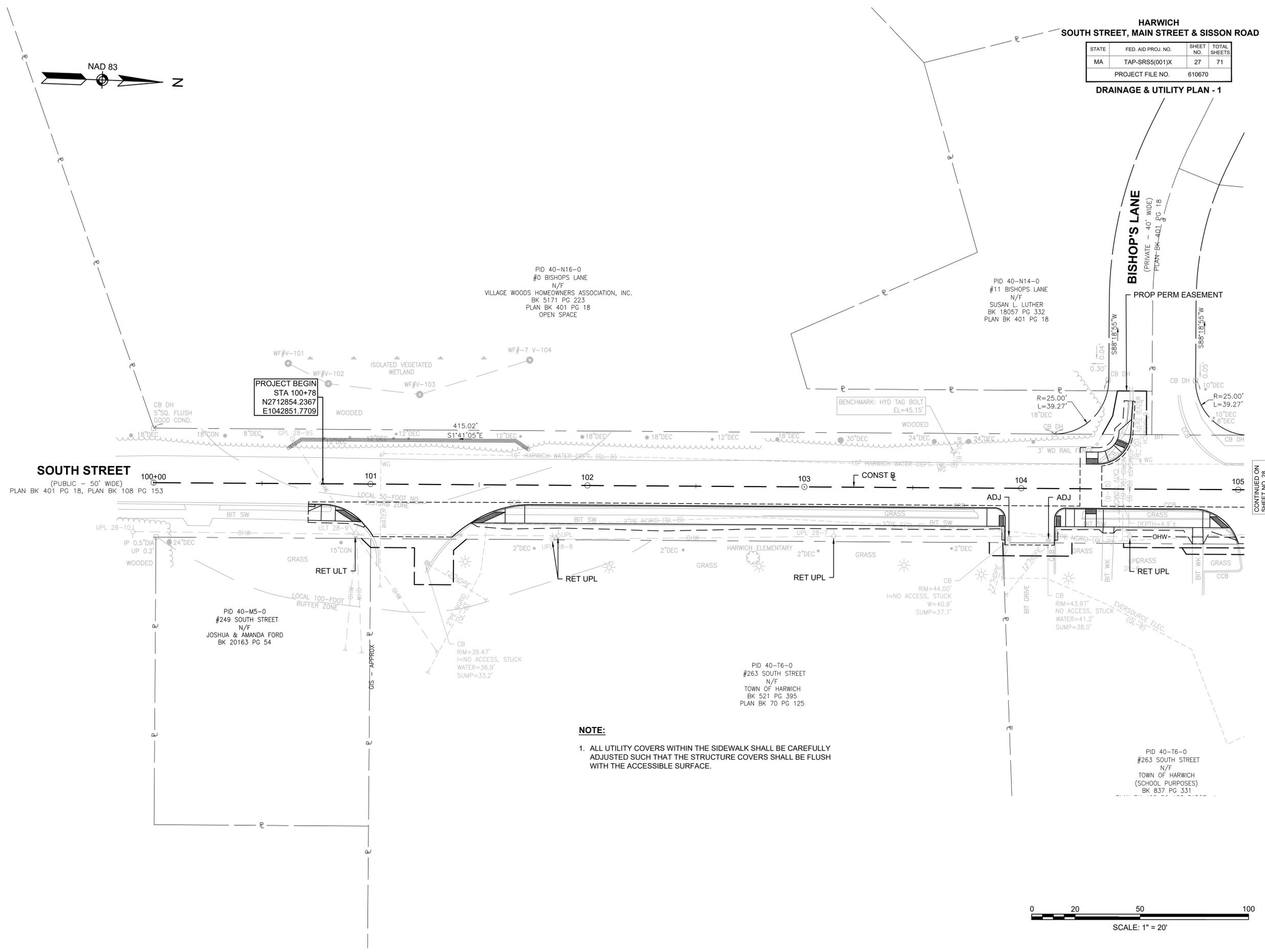
CONTINUED ON SHEET NO. 22

610670_HDTIE & GRADING-10.DWG Plotted on 12-Mar-2026 8:11 AM

HARWICH
SOUTH STREET, MAIN STREET & SISSON ROAD

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	TAP-SRSS(001)X	27	71
PROJECT FILE NO.		610670	

DRAINAGE & UTILITY PLAN - 1



PROJECT BEGIN
STA 100+78
N2712854.2367
E1042851.7709

SOUTH STREET
(PUBLIC - 50' WIDE)
PLAN BK 401 PG 18, PLAN BK 108 PG 153

PID 40-M5-0
#249 SOUTH STREET
N/F
JOSHUA & AMANDA FORD
BK 20163 PG 54

PID 40-N16-0
#0 BISHOPS LANE
N/F
VILLAGE WOODS HOMEOWNERS ASSOCIATION, INC.
BK 5171 PG 223
PLAN BK 401 PG 18
OPEN SPACE

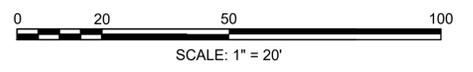
PID 40-N14-0
#11 BISHOPS LANE
N/F
SUSAN L. LUTHER
BK 18057 PG 332
PLAN BK 401 PG 18

PID 40-T6-0
#263 SOUTH STREET
N/F
TOWN OF HARWICH
BK 521 PG 395
PLAN BK 70 PG 125

PID 40-T6-0
#263 SOUTH STREET
N/F
TOWN OF HARWICH
(SCHOOL PURPOSES)
BK 837 PG 331

NOTE:

- ALL UTILITY COVERS WITHIN THE SIDEWALK SHALL BE CAREFULLY ADJUSTED SUCH THAT THE STRUCTURE COVERS SHALL BE FLUSH WITH THE ACCESSIBLE SURFACE.



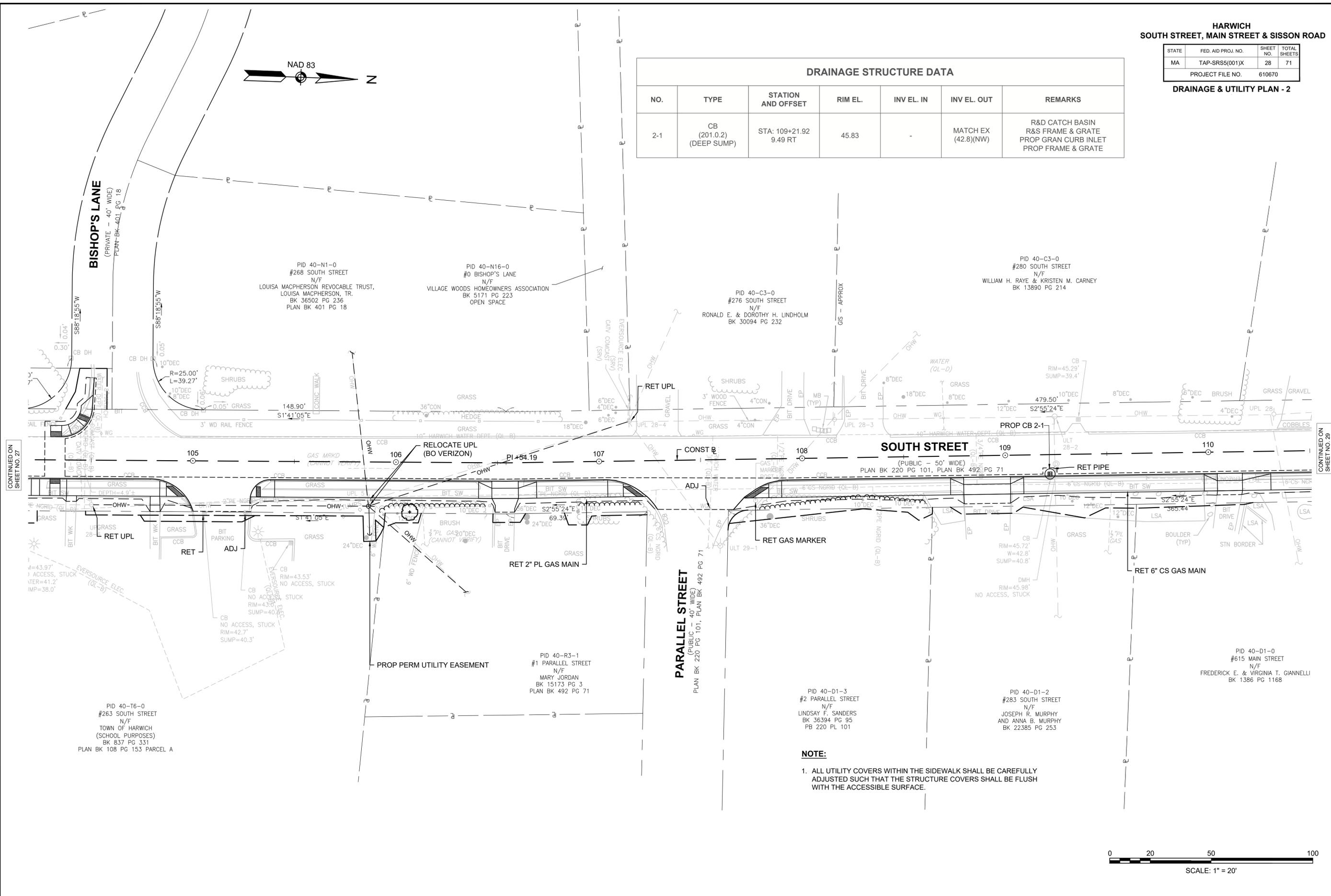
CONTINUED ON
SHEET NO. 28

HARWICH
SOUTH STREET, MAIN STREET & SISSON ROAD

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	TAP-SRSS(001)X	28	71
PROJECT FILE NO.		610670	

DRAINAGE & UTILITY PLAN - 2

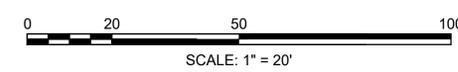
DRAINAGE STRUCTURE DATA						
NO.	TYPE	STATION AND OFFSET	RIM EL.	INV EL. IN	INV EL. OUT	REMARKS
2-1	CB (201.0.2) (DEEP SUMP)	STA: 109+21.92 9.49 RT	45.83	-	MATCH EX (42.8)(NW)	R&D CATCH BASIN R&S FRAME & GRATE PROP GRAN CURB INLET PROP FRAME & GRATE



CONTINUED ON
SHEET NO. 27

CONTINUED ON
SHEET NO. 29

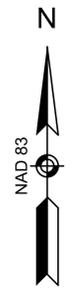
NOTE:
 1. ALL UTILITY COVERS WITHIN THE SIDEWALK SHALL BE CAREFULLY ADJUSTED SUCH THAT THE STRUCTURE COVERS SHALL BE FLUSH WITH THE ACCESSIBLE SURFACE.



HARWICH
SOUTH STREET, MAIN STREET & SISSON ROAD

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	TAP-SR55(001)X	29	71
PROJECT FILE NO.		610670	

DRAINAGE & UTILITY PLAN - 3



PID 40-A1-1
#606 MAIN STREET
N/F
JOSEPH V. O'LOUGHLIN
BK 24311 PG 144
PLAN BK 244 PG 80

PID 40-A1-2
#610 MAIN STREET
N/F
JOSEPH V. O'LOUGHLIN
BK 24311 PG 144
PLAN BK 244 PG 80

PID 40-A1-3
#614 MAIN STREET
N/F
JOSEPH V. O'LOUGHLIN
BK 24311 PG 144
PLAN BK 244 PG 80

PID 40-A1-4
#618 MAIN STREET
N/F
JOSEPH V. O'LOUGHLIN
BK 24311 PG 144
PLAN BK 244 PG 80

PID 40-A1-5
#622 MAIN STREET
N/F
JOSEPH V. O'LOUGHLIN
BK 24311 PG 144
PLAN BK 244 PG 80

PID 40-A1-6
#628 MAIN STREET
N/F
JOSEPH V. O'LOUGHLIN
BK 24311 PG 144
PLAN BK 244 PG 80

LIMIT OF WORK
STA 199+96.50
N2713939.3281
E1042740.8299

MAIN STREET
(PUBLIC - 40' WIDE)
1949 COUNTY LAYOUT PLAN BK 88 PG 111

MAIN STREET
(PUBLIC - 40' WIDE)
1950 COUNTY LAYOUT PLAN BK 90 PG 149

SOUTH STREET
(PUBLIC - 50' WIDE)
PLAN BK 220 PG 101
PLAN BK 492 PG 71

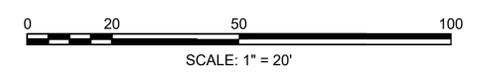
PID 40-C1-0
#609 MAIN STREET
N/F
JAMES FRANCIS TURNER, III
BK 30170 PG 144

PID 40-D1-0
#615 MAIN STREET
N/F
FREDERICK E. & VIRGINIA T. GANNELLI
BK 1386 PG 1168

PID 40-D1-07
#619 MAIN STREET
N/F
JESSE M. DOWNING
BK 31409 PG 260
PLAN BK 220 PG 101

NOTE:

- ALL UTILITY COVERS WITHIN THE SIDEWALK SHALL BE CAREFULLY ADJUSTED SUCH THAT THE STRUCTURE COVERS SHALL BE FLUSH WITH THE ACCESSIBLE SURFACE.



CONTINUED ON
SHEET NO.28

CONTINUED ON
SHEET NO.30

HARWICH
SOUTH STREET, MAIN STREET & SISSON ROAD

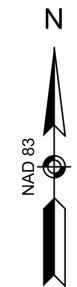
STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	TAP-SRSS(001)X	30	71
PROJECT FILE NO.		610670	

DRAINAGE & UTILITY PLAN - 4

DRAINAGE STRUCTURE DATA						
NO.	TYPE	STATION AND OFFSET	RIM EL.	INV EL. IN	INV EL. OUT	REMARKS
4-1	CB (201.0.2) (DEEP SUMP)	STA: 110+97.97 8.94 RT	47.00	MATCH EX	MATCH EX	R&D CATCH BASIN R&S FRAME & GRATE PROP FRAME & COVER

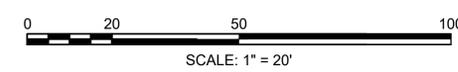
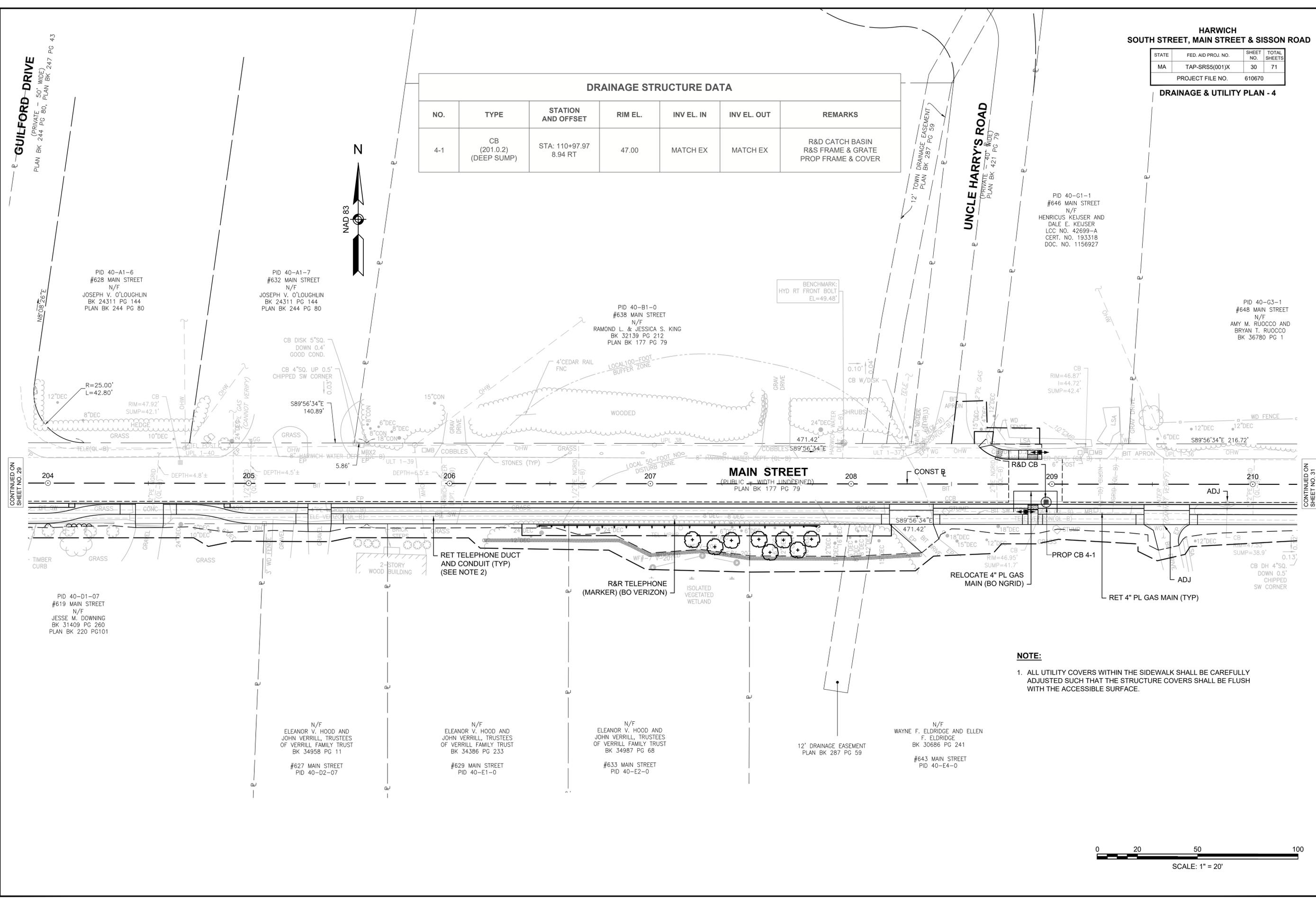
GUILFORD DRIVE
(PRIVATE - 50' WIDE)
PLAN BK 244 PG 80, PLAN BK 247 PG 43

UNCLE HARRY'S ROAD
(PRIVATE - 40' WIDE)
PLAN BK 421 PG 79



CONTINUED ON
SHEET NO. 29

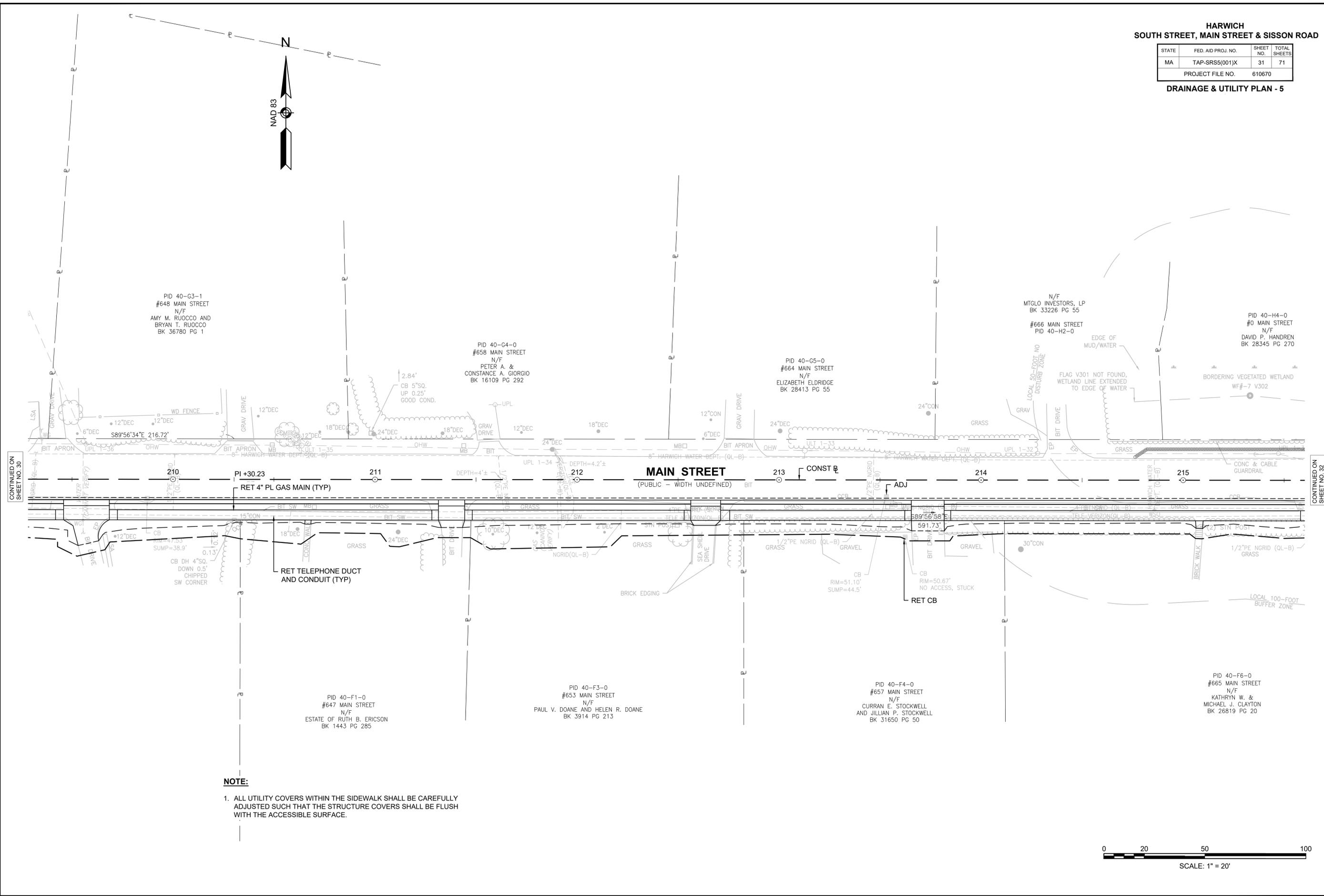
CONTINUED ON
SHEET NO. 31



HARWICH
SOUTH STREET, MAIN STREET & SISSON ROAD

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	TAP-SRS5(001)X	31	71
PROJECT FILE NO.		610670	

DRAINAGE & UTILITY PLAN - 5

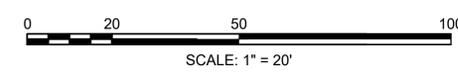


CONTINUED ON
SHEET NO. 30

CONTINUED ON
SHEET NO. 32

NOTE:

1. ALL UTILITY COVERS WITHIN THE SIDEWALK SHALL BE CAREFULLY ADJUSTED SUCH THAT THE STRUCTURE COVERS SHALL BE FLUSH WITH THE ACCESSIBLE SURFACE.



HARWICH
SOUTH STREET, MAIN STREET & SISSON ROAD

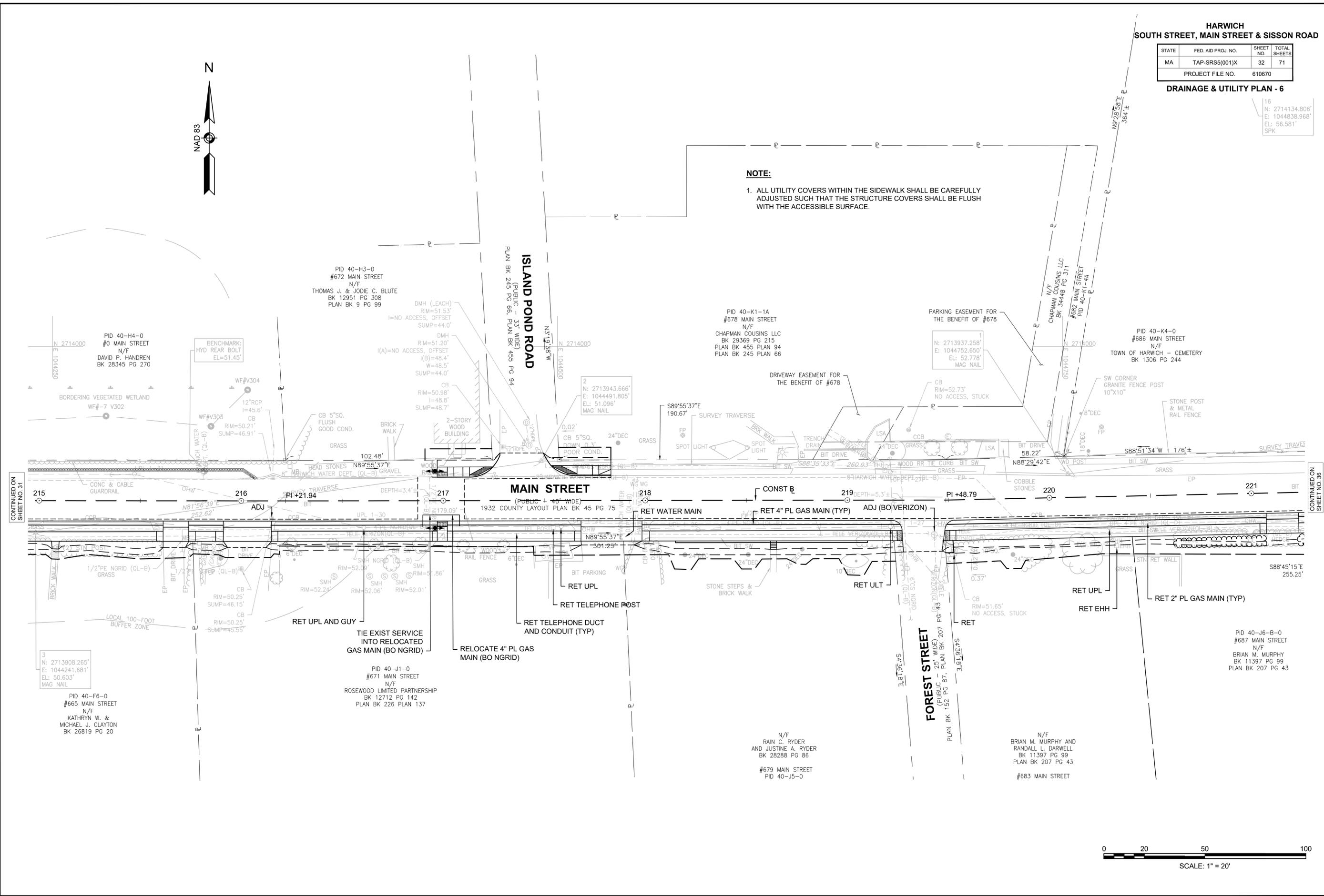
STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	TAP-SRS5(001)X	32	71
PROJECT FILE NO.		610670	

DRAINAGE & UTILITY PLAN - 6

16
N: 2714134.806'
E: 1044838.968'
EL: 56.581'
SPK

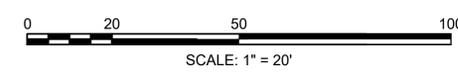


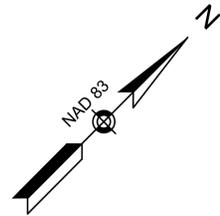
NOTE:
1. ALL UTILITY COVERS WITHIN THE SIDEWALK SHALL BE CAREFULLY ADJUSTED SUCH THAT THE STRUCTURE COVERS SHALL BE FLUSH WITH THE ACCESSIBLE SURFACE.



CONTINUED ON SHEET NO. 31

CONTINUED ON SHEET NO. 36



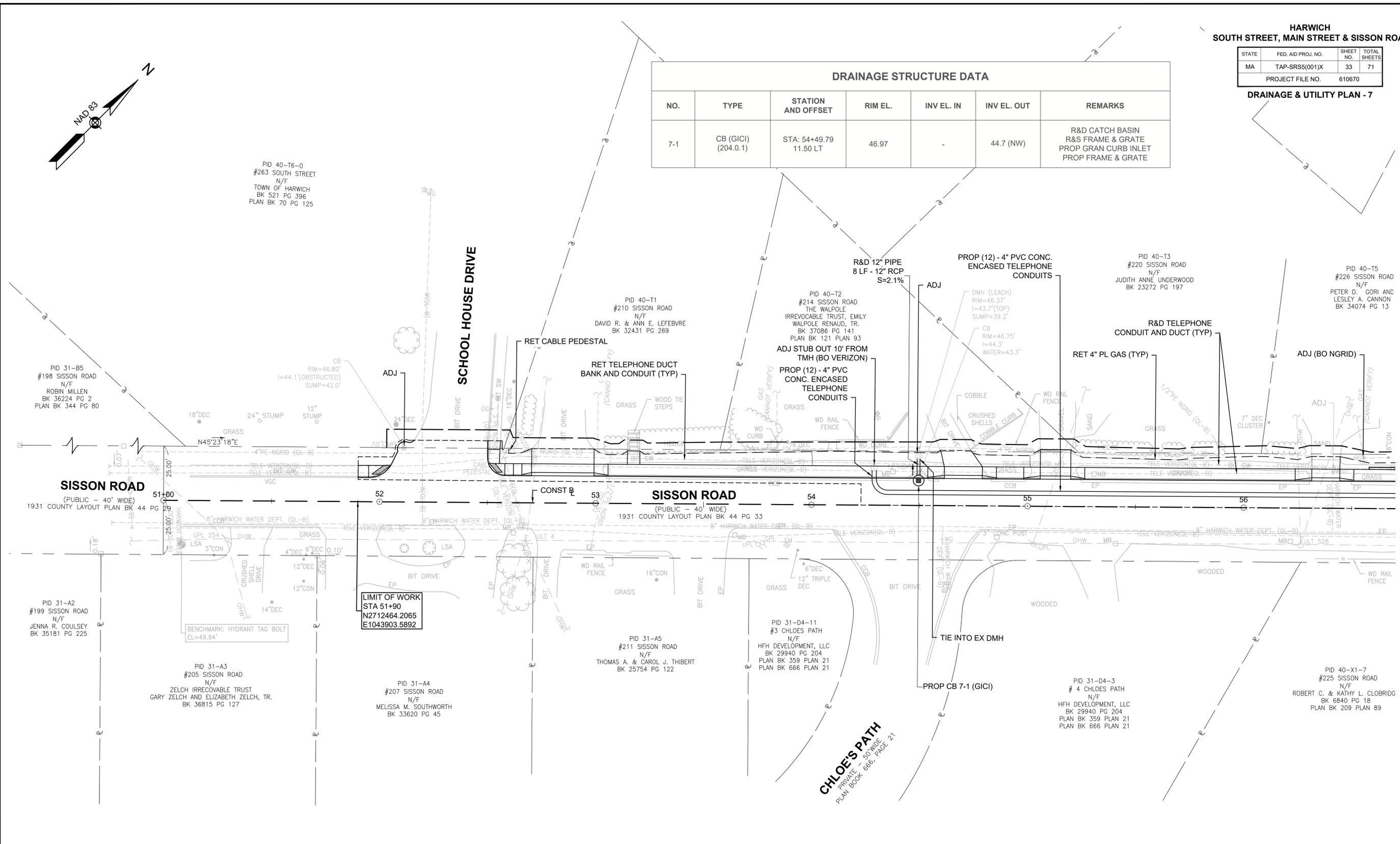


HARWICH
SOUTH STREET, MAIN STREET & SISSON ROAD

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	TAP-SRS5(001)X	33	71
PROJECT FILE NO.		610670	

DRAINAGE & UTILITY PLAN - 7

DRAINAGE STRUCTURE DATA						
NO.	TYPE	STATION AND OFFSET	RIM EL.	INV EL. IN	INV EL. OUT	REMARKS
7-1	CB (GICI) (204.0.1)	STA: 54+49.79 11.50 LT	46.97	-	44.7 (NW)	R&D CATCH BASIN R&S FRAME & GRATE PROP GRAN CURB INLET PROP FRAME & GRATE



LIMIT OF WORK
 STA 51+90
 N2712464.2065
 E1043903.5892

- NOTE:**
- ALL UTILITY COVERS WITHIN THE SIDEWALK SHALL BE CAREFULLY ADJUSTED SUCH THAT THE STRUCTURE COVERS SHALL BE FLUSH WITH THE ACCESSIBLE SURFACE.
 - UTILITY RELOCATIONS SHOWN ARE APPROXIMATE AND WILL BE COORDINATED IN THE FIELD WITH THE RESPECTED UTILITY COMPANY DURING CONSTRUCTION.



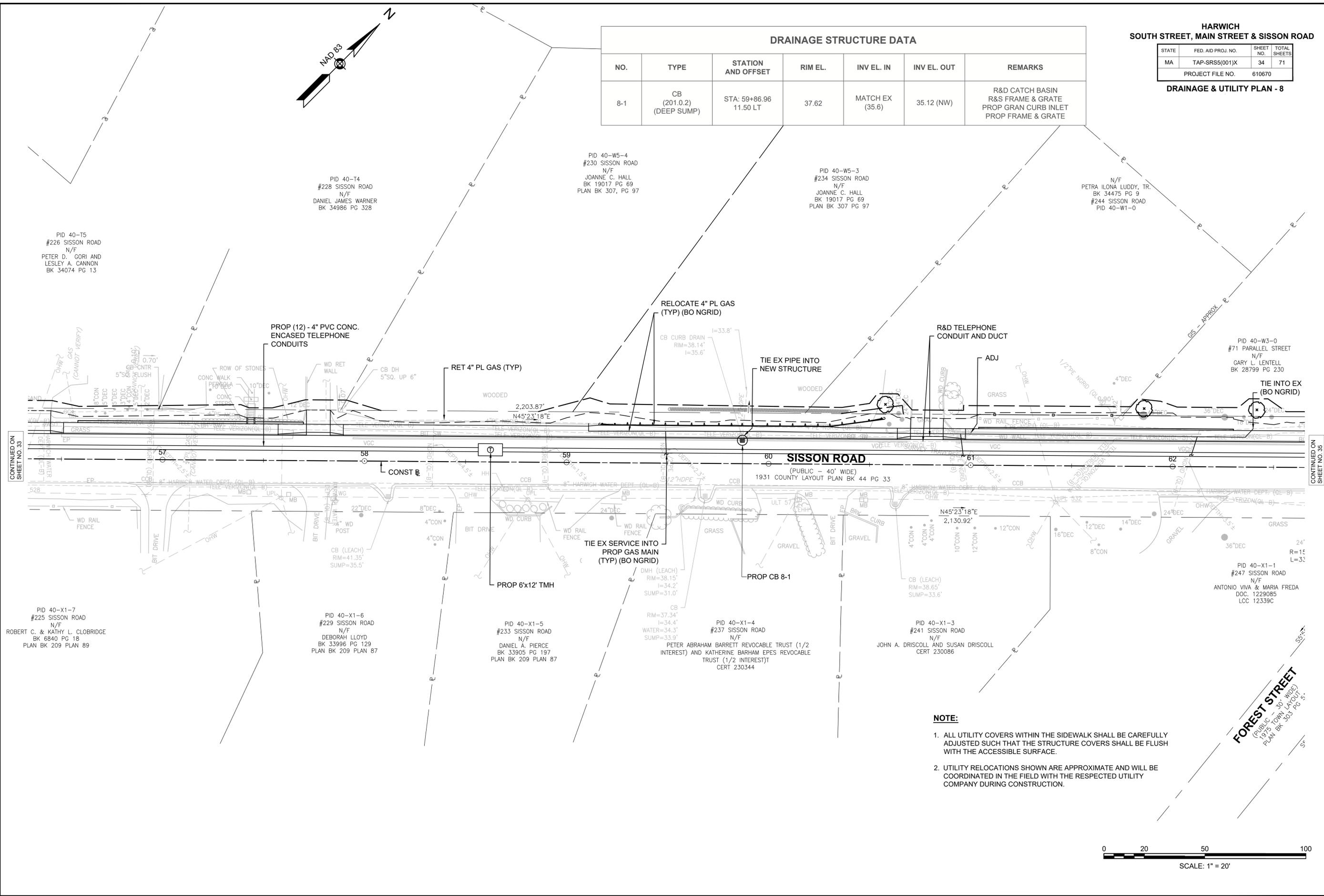
CONTINUED ON SHEET NO. 34

HARWICH
SOUTH STREET, MAIN STREET & SISSON ROAD

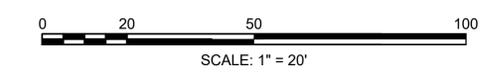
STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	TAP-SR55(001)X	34	71
PROJECT FILE NO.		610670	

DRAINAGE & UTILITY PLAN - 8

DRAINAGE STRUCTURE DATA						
NO.	TYPE	STATION AND OFFSET	RIM EL.	INV EL. IN	INV EL. OUT	REMARKS
8-1	CB (201.0.2) (DEEP SUMP)	STA: 59+86.96 11.50 LT	37.62	MATCH EX (35.6)	35.12 (NW)	R&D CATCH BASIN R&S FRAME & GRATE PROP GRAN CURB INLET PROP FRAME & GRATE



- NOTE:**
1. ALL UTILITY COVERS WITHIN THE SIDEWALK SHALL BE CAREFULLY ADJUSTED SUCH THAT THE STRUCTURE COVERS SHALL BE FLUSH WITH THE ACCESSIBLE SURFACE.
 2. UTILITY RELOCATIONS SHOWN ARE APPROXIMATE AND WILL BE COORDINATED IN THE FIELD WITH THE RESPECTED UTILITY COMPANY DURING CONSTRUCTION.



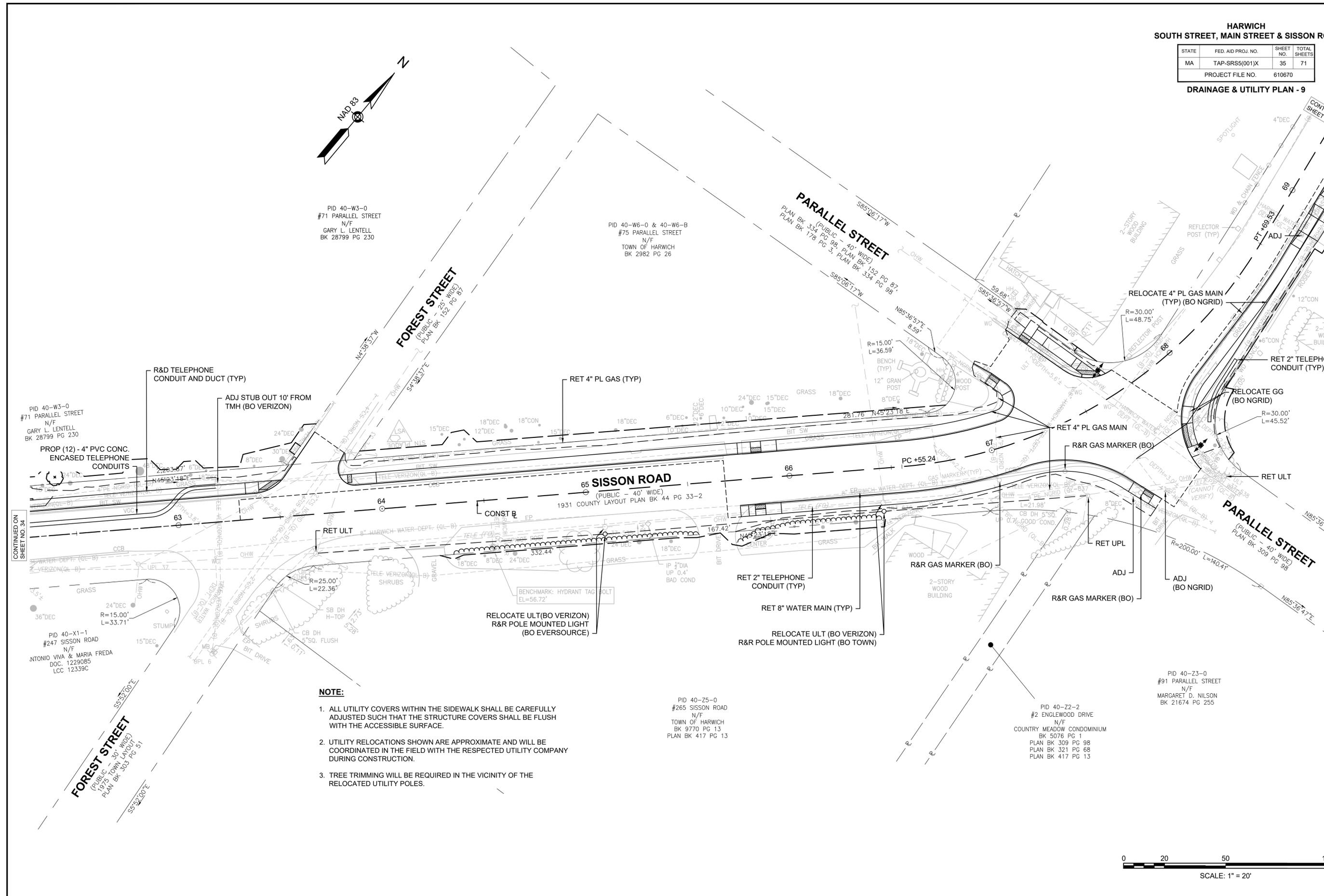
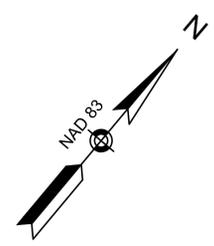
CONTINUED ON SHEET NO. 33

CONTINUED ON SHEET NO. 35

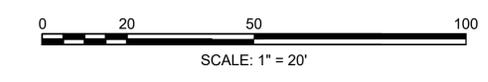
HARWICH
SOUTH STREET, MAIN STREET & SISSON ROAD

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	TAP-SRSS(001)X	35	71
PROJECT FILE NO.		610670	

DRAINAGE & UTILITY PLAN - 9



- NOTE:**
- ALL UTILITY COVERS WITHIN THE SIDEWALK SHALL BE CAREFULLY ADJUSTED SUCH THAT THE STRUCTURE COVERS SHALL BE FLUSH WITH THE ACCESSIBLE SURFACE.
 - UTILITY RELOCATIONS SHOWN ARE APPROXIMATE AND WILL BE COORDINATED IN THE FIELD WITH THE RESPECTED UTILITY COMPANY DURING CONSTRUCTION.
 - TREE TRIMMING WILL BE REQUIRED IN THE VICINITY OF THE RELOCATED UTILITY POLES.



610670_HID(DRAINAGE-9).DWG Plotted on 11-Mar-2026 4:42 PM

HARWICH
SOUTH STREET, MAIN STREET & SISSON ROAD

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	TAP-SRSS(001)X	36	71
PROJECT FILE NO.		610670	

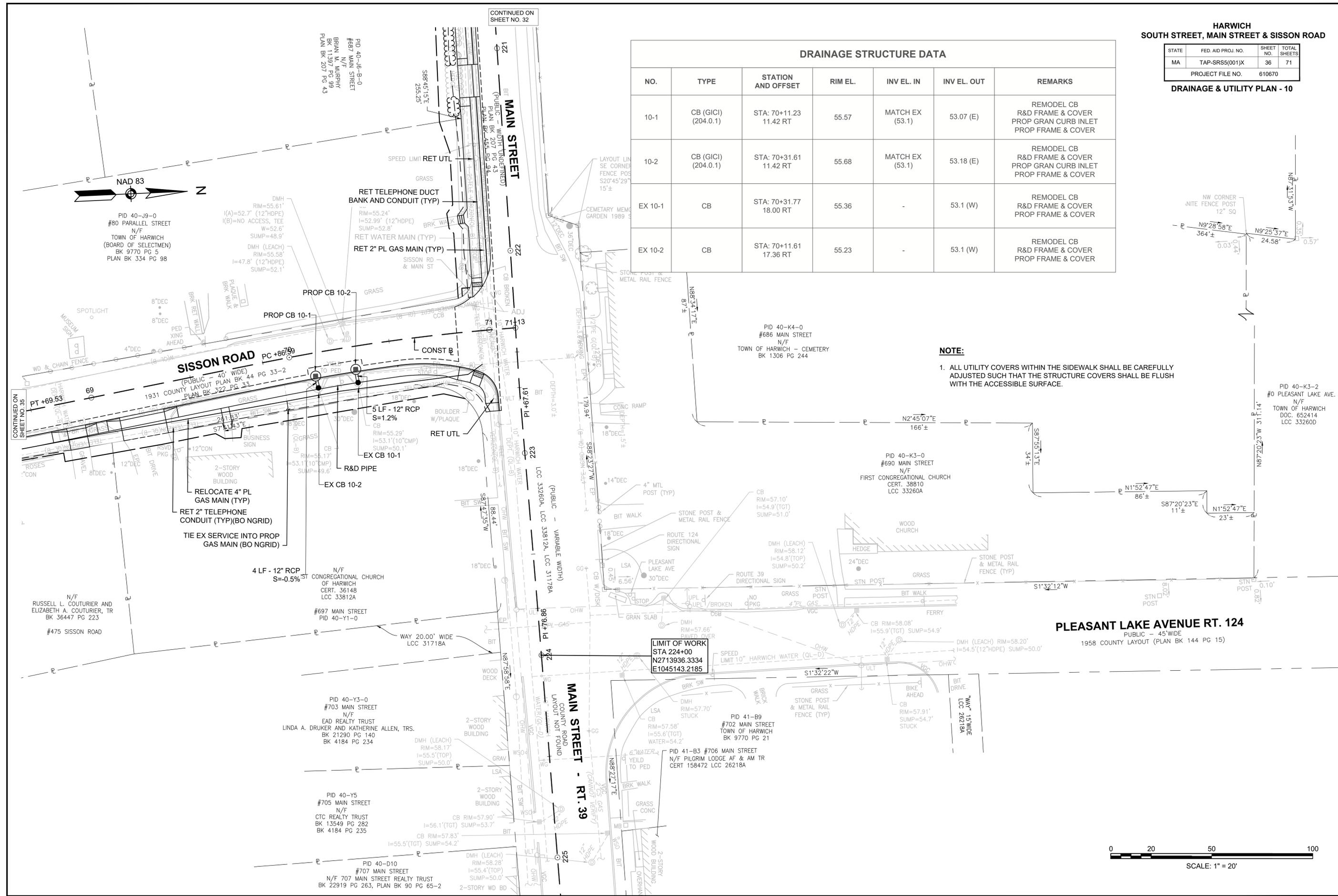
DRAINAGE & UTILITY PLAN - 10

DRAINAGE STRUCTURE DATA

NO.	TYPE	STATION AND OFFSET	RIM EL.	INV EL. IN	INV EL. OUT	REMARKS
10-1	CB (GICI) (204.0.1)	STA: 70+11.23 11.42 RT	55.57	MATCH EX (53.1)	53.07 (E)	REMODEL CB R&D FRAME & COVER PROP GRAN CURB INLET PROP FRAME & COVER
10-2	CB (GICI) (204.0.1)	STA: 70+31.61 11.42 RT	55.68	MATCH EX (53.1)	53.18 (E)	REMODEL CB R&D FRAME & COVER PROP GRAN CURB INLET PROP FRAME & COVER
EX 10-1	CB	STA: 70+31.77 18.00 RT	55.36	-	53.1 (W)	REMODEL CB R&D FRAME & COVER PROP FRAME & COVER
EX 10-2	CB	STA: 70+11.61 17.36 RT	55.23	-	53.1 (W)	REMODEL CB R&D FRAME & COVER PROP FRAME & COVER

NOTE:

1. ALL UTILITY COVERS WITHIN THE SIDEWALK SHALL BE CAREFULLY ADJUSTED SUCH THAT THE STRUCTURE COVERS SHALL BE FLUSH WITH THE ACCESSIBLE SURFACE.

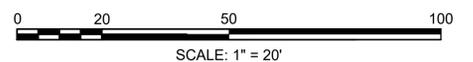
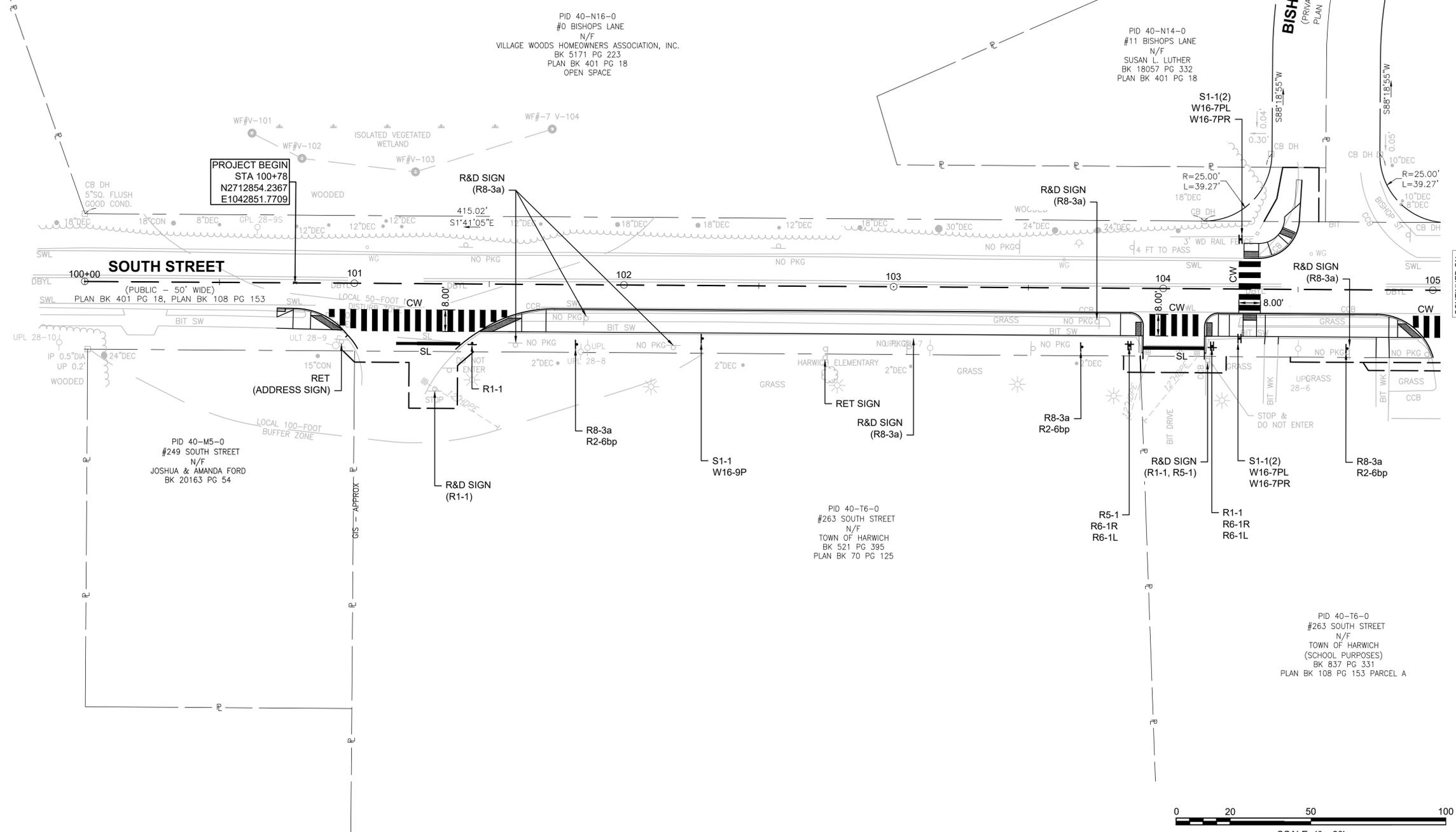




**HARWICH
SOUTH STREET**

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	TAP-SRSS(001)X	37	71
PROJECT FILE NO.		610670	

TRAFFIC SIGN & PAVEMENT MARKINGS PLAN - 1

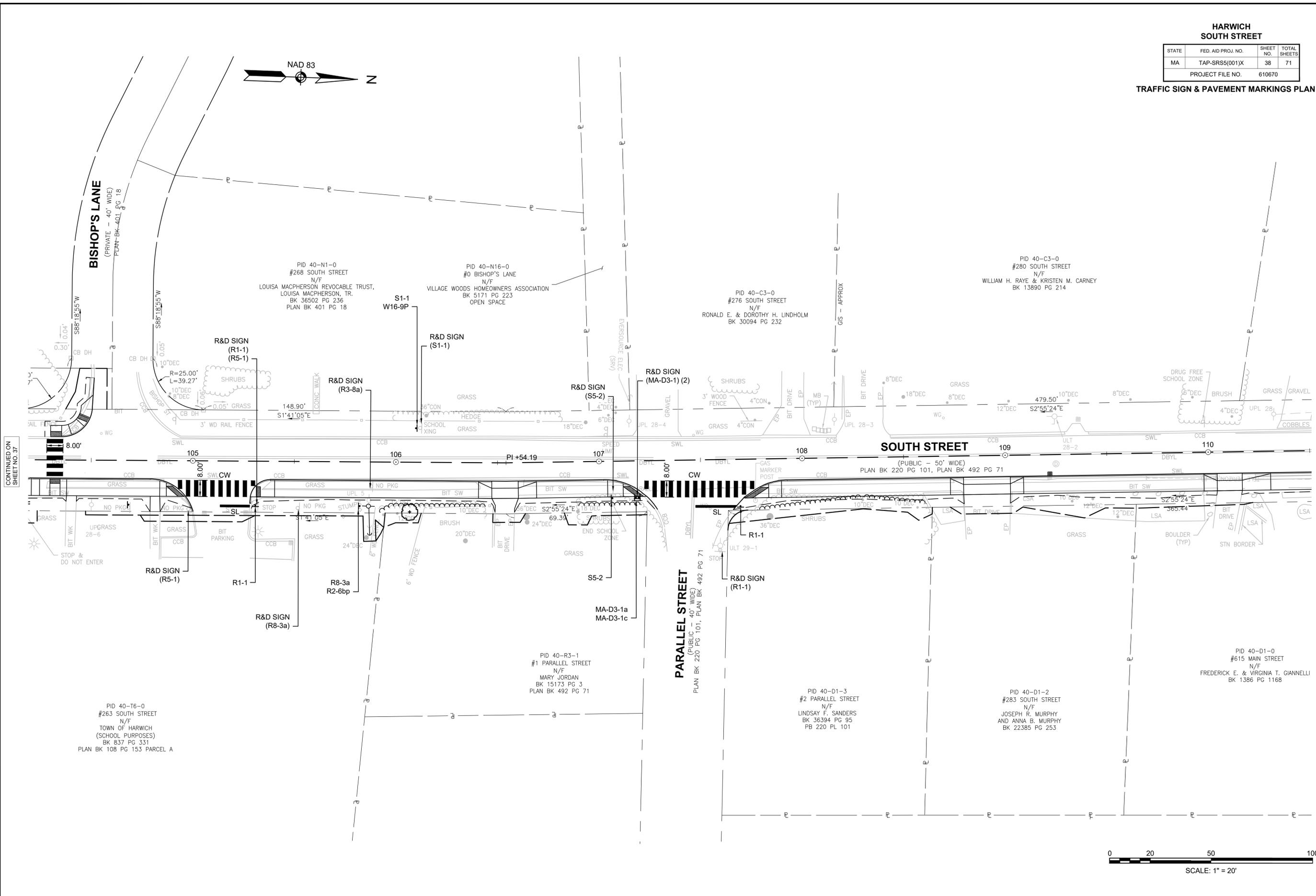


CONTINUED ON
SHEET NO. 38

**HARWICH
SOUTH STREET**

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	TAP-SRSS(001)X	38	71
PROJECT FILE NO.		610670	

TRAFFIC SIGN & PAVEMENT MARKINGS PLAN - 2



CONTINUED ON SHEET NO. 37

CONTINUED ON SHEET NO. 39

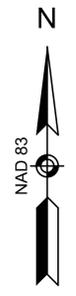
610670_HD(SIGNING & STRIPING-2).DWG Plotted on 11-Mar-2026 4:43 PM



**HARWICH
MAIN STREET, SOUTH STREET**

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	TAP-SRS5(001)X	39	71
PROJECT FILE NO.		610670	

TRAFFIC SIGN & PAVEMENT MARKINGS PLAN - 3



PID 40-A1-1
#606 MAIN STREET
N/F
JOSEPH V. O'LOUGHLIN
BK 24311 PG 144
PLAN BK 244 PG 80

PID 40-A1-2
#610 MAIN STREET
N/F
JOSEPH V. O'LOUGHLIN
BK 24311 PG 144
PLAN BK 244 PG 80

PID 40-A1-3
#614 MAIN STREET
N/F
JOSEPH V. O'LOUGHLIN
BK 24311 PG 144
PLAN BK 244 PG 80

PID 40-A1-4
#618 MAIN STREET
N/F
JOSEPH V. O'LOUGHLIN
BK 24311 PG 144
PLAN BK 244 PG 80

PID 40-A1-5
#622 MAIN STREET
N/F
JOSEPH V. O'LOUGHLIN
BK 24311 PG 144
PLAN BK 244 PG 80

PID 40-A1-6
#628 MAIN STREET
N/F
JOSEPH V. O'LOUGHLIN
BK 24311 PG 144
PLAN BK 244 PG 80

PID 40-D1-07
#619 MAIN STREET
N/F
JESSE M. DOWNING
BK 31409 PG 260
PLAN BK 220 PG101

PID 40-D1-0
#615 MAIN STREET
N/F
FREDERICK E. & VIRGINIA T. GANNELLI
BK 1386 PG 1168

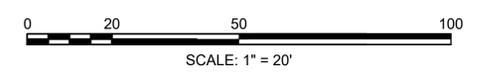
LIMIT OF WORK
STA 199+96.50
N2713939.3281
E1042740.8299

MAIN STREET
(PUBLIC - 40' WIDE)
1949 COUNTY LAYOUT PLAN BK 88 PG 111

MAIN STREET
(PUBLIC - 40' WIDE)
1950 COUNTY LAYOUT PLAN BK 90 PG 149

SOUTH STREET
(PUBLIC - 50' WIDE)
PLAN BK 220 PG 101
PLAN BK 492 PG 71

PID 40-C1-0
#609 MAIN STREET
N/F
JAMES FRANCIS TURNER, III
BK 30170 PG 144



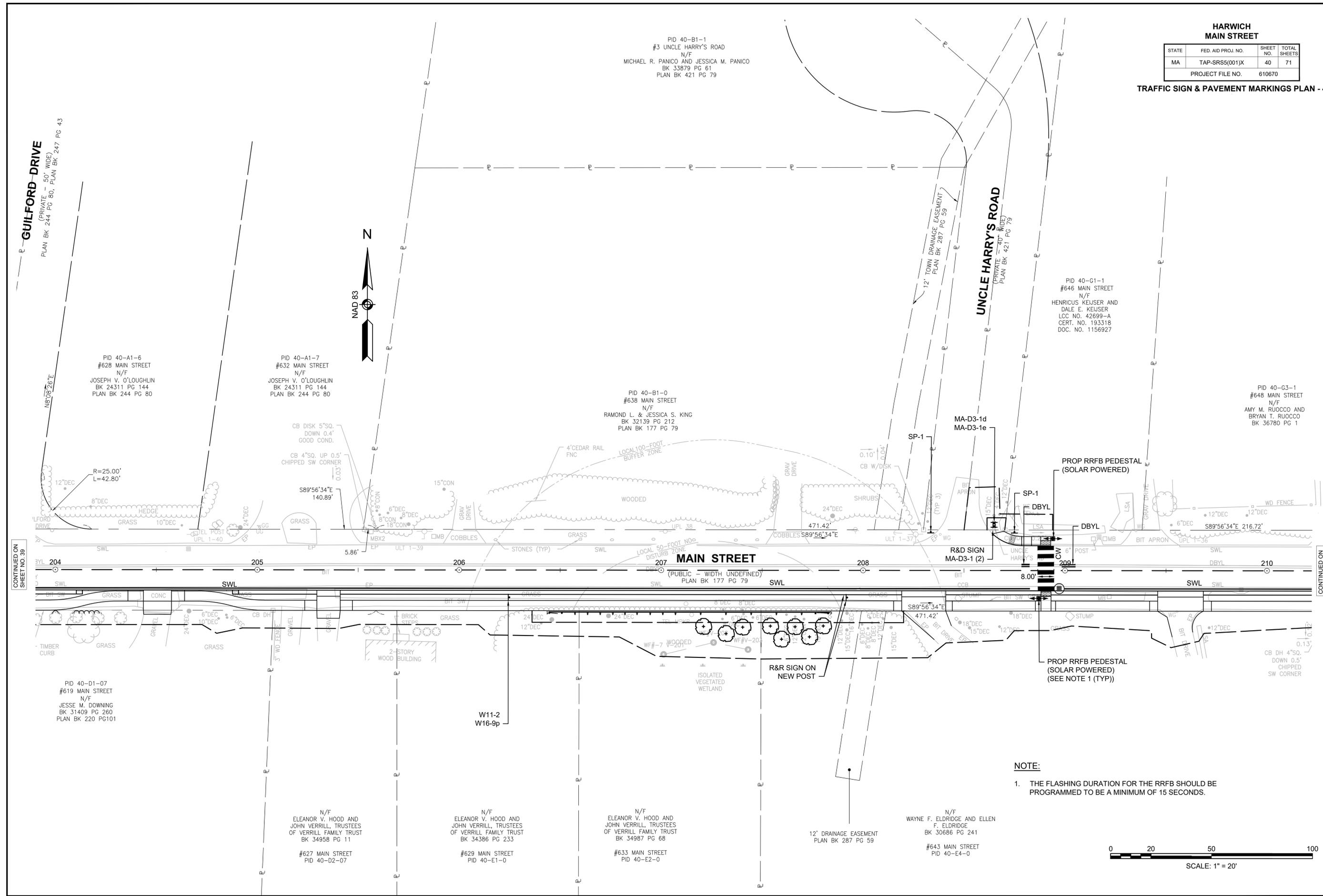
CONTINUED ON
SHEET NO.8

CONTINUED ON
SHEET NO.40

**HARWICH
MAIN STREET**

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	TAP-SRS5(001)X	40	71
PROJECT FILE NO.		610670	

TRAFFIC SIGN & PAVEMENT MARKINGS PLAN - 4



PID 40-B1-1
#3 UNCLE HARRY'S ROAD
N/F
MICHAEL R. PANICO AND JESSICA M. PANICO
BK 33879 PG 61
PLAN BK 421 PG 79

PID 40-G1-1
#646 MAIN STREET
N/F
HENRICUS KEUSER AND
DALE E. KEUSER
LCC NO. 42699-A
CERT. NO. 193318
DOC. NO. 1156927

PID 40-G3-1
#648 MAIN STREET
N/F
AMY M. RUOCCO AND
BRYAN T. RUOCCO
BK 36780 PG 1

PID 40-A1-6
#628 MAIN STREET
N/F
JOSEPH V. O'LOUGHLIN
BK 24311 PG 144
PLAN BK 244 PG 80

PID 40-A1-7
#632 MAIN STREET
N/F
JOSEPH V. O'LOUGHLIN
BK 24311 PG 144
PLAN BK 244 PG 80

PID 40-B1-0
#638 MAIN STREET
N/F
RAMOND L. & JESSICA S. KING
BK 32139 PG 212
PLAN BK 177 PG 79

PID 40-D1-07
#619 MAIN STREET
N/F
JESSE M. DOWNING
BK 31409 PG 260
PLAN BK 220 PG 101

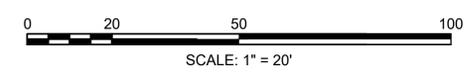
N/F
ELEANOR V. HOOD AND
JOHN VERRILL, TRUSTEES
OF VERRILL FAMILY TRUST
BK 34958 PG 11
#627 MAIN STREET
PID 40-D2-07

N/F
ELEANOR V. HOOD AND
JOHN VERRILL, TRUSTEES
OF VERRILL FAMILY TRUST
BK 34386 PG 233
#629 MAIN STREET
PID 40-E1-0

N/F
ELEANOR V. HOOD AND
JOHN VERRILL, TRUSTEES
OF VERRILL FAMILY TRUST
BK 34987 PG 68
#633 MAIN STREET
PID 40-E2-0

N/F
WAYNE F. ELDRIDGE AND ELLEN
F. ELDRIDGE
BK 30686 PG 241
#643 MAIN STREET
PID 40-E4-0

NOTE:
1. THE FLASHING DURATION FOR THE RRFB SHOULD BE PROGRAMMED TO BE A MINIMUM OF 15 SECONDS.



CONTINUED ON
SHEET NO. 39

CONTINUED ON
SHEET NO. 41

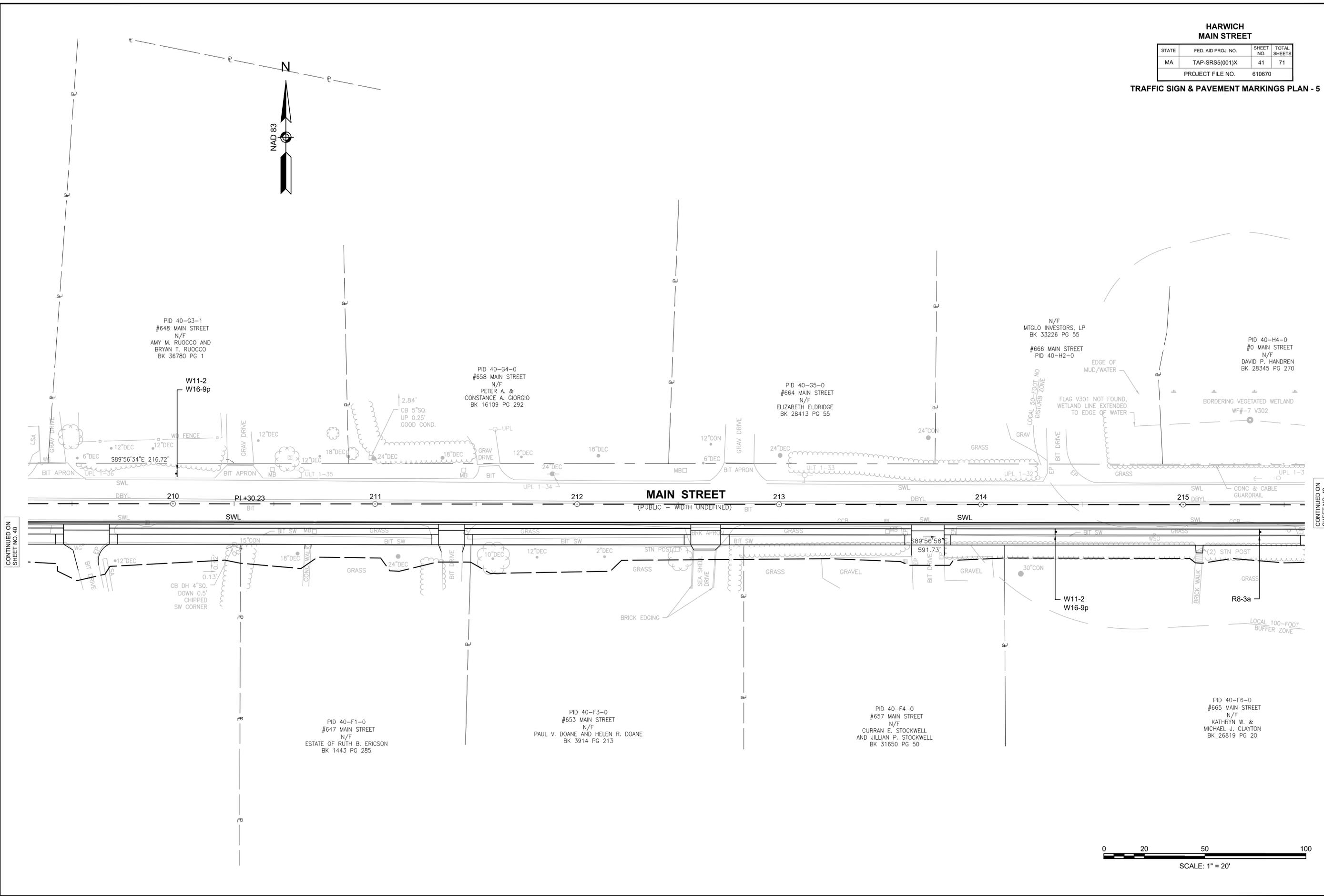
610670_HD(SIGNING & STRIPING-4).DWG Plotted on 11-Mar-2026 4:43 PM

**HARWICH
MAIN STREET**

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	TAP-SRS5(001)X	41	71
PROJECT FILE NO.		610670	

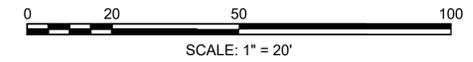
TRAFFIC SIGN & PAVEMENT MARKINGS PLAN - 5

610670_HD(SIGNING & STRIPING-5).DWG Plotted on 11-Mar-2026 4:44 PM



CONTINUED ON
SHEET NO. 40

CONTINUED ON
SHEET NO. 42



PID 40-G3-1
#648 MAIN STREET
N/F
AMY M. RUOCCO AND
BRYAN T. RUOCCO
BK 36780 PG 1

PID 40-G4-0
#658 MAIN STREET
N/F
PETER A. &
CONSTANCE A. GIORGIO
BK 16109 PG 292

PID 40-G5-0
#664 MAIN STREET
N/F
ELIZABETH ELDRIDGE
BK 28413 PG 55

N/F
MTGLO INVESTORS, LP
BK 33226 PG 55
#666 MAIN STREET
PID 40-H2-0

PID 40-H4-0
#0 MAIN STREET
N/F
DAVID P. HANDREN
BK 28345 PG 270

PID 40-F1-0
#647 MAIN STREET
N/F
ESTATE OF RUTH B. ERICSON
BK 1443 PG 285

PID 40-F3-0
#653 MAIN STREET
N/F
PAUL V. DOANE AND HELEN R. DOANE
BK 3914 PG 213

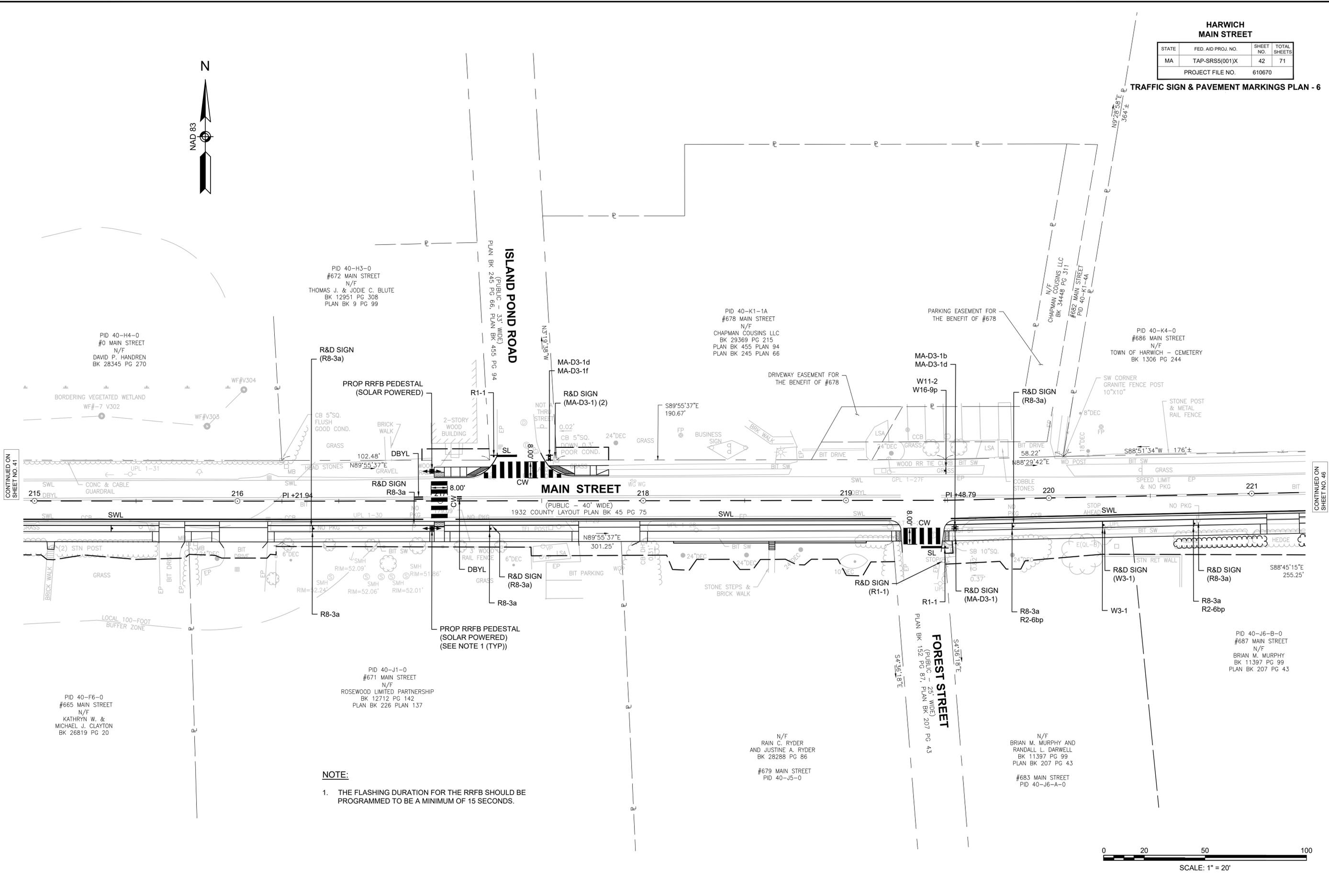
PID 40-F4-0
#657 MAIN STREET
N/F
CURRAN E. STOCKWELL
AND JILLIAN P. STOCKWELL
BK 31650 PG 50

PID 40-F6-0
#665 MAIN STREET
N/F
KATHRYN W. &
MICHAEL J. CLAYTON
BK 26819 PG 20

**HARWICH
MAIN STREET**

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	TAP-SR5(001)X	42	71
PROJECT FILE NO.		610670	

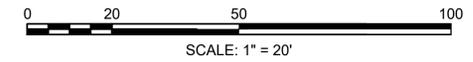
TRAFFIC SIGN & PAVEMENT MARKINGS PLAN - 6

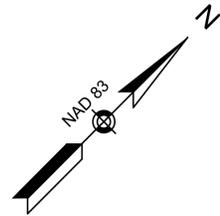


CONTINUED ON
SHEET NO. 41

CONTINUED ON
SHEET NO. 46

NOTE:
1. THE FLASHING DURATION FOR THE RRFB SHOULD BE PROGRAMMED TO BE A MINIMUM OF 15 SECONDS.





**HARWICH
SISSON ROAD**

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	TAP-SR5(001)X	43	71
PROJECT FILE NO.		610670	

TRAFFIC SIGN & PAVEMENT MARKINGS PLAN - 7

PID 40-T6-0
#263 SOUTH STREET
N/F
TOWN OF HARWICH
BK 521 PG 396
PLAN BK 70 PG 125

PID 40-T3
#220 SISSON ROAD
N/F
JUDITH ANNE UNDERWOOD
BK 23272 PG 197

PID 40-T5
#226 SISSON ROAD
N/F
PETER D. GORI AND
LESLEY A. CANNON
BK 34074 PG 13

PID 40-T1
#210 SISSON ROAD
N/F
DAVID R. & ANN E. LEFEBVRE
BK 32431 PG 269

PID 40-T2
#214 SISSON ROAD
THE WALPOLE
IRREVOCABLE TRUST, EMILY
WALPOLE RENAUD, TR.
BK 37086 PG 141
PLAN BK 121 PLAN 93

PID 31-B5
#198 SISSON ROAD
N/F
ROBIN MILLEN
BK 36224 PG 2
PLAN BK 344 PG 80

SISSON ROAD
(PUBLIC - 40' WIDE)
1931 COUNTY LAYOUT PLAN BK 44 PG 29

SISSON ROAD
(PUBLIC - 40' WIDE)
1931 COUNTY LO BASELINE
1931 COUNTY LAYOUT PLAN BK 44 PG 33

CONTINUED ON
SHEET NO. 44

PROJECT END
STA 51+90
N2712464.2065
E1043903.5892

PID 31-A2
#199 SISSON ROAD
N/F
JENNA R. COULSEY
BK 35181 PG 225

PID 31-A3
#205 SISSON ROAD
N/F
ZELCH IRREVOCABLE TRUST
GARY ZELCH AND ELIZABETH ZELCH, TR.
BK 36815 PG 127

PID 31-A4
#207 SISSON ROAD
N/F
MELISSA M. SOUTHWORTH
BK 33620 PG 45

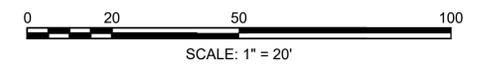
PID 31-A5
#211 SISSON ROAD
N/F
THOMAS A. & CAROL J. THIBERT
BK 25754 PG 122

PID 31-D4-11
#3 CHLOE'S PATH
N/F
HFH DEVELOPMENT, LLC
BK 29940 PG 204
PLAN BK 359 PLAN 21
PLAN BK 666 PLAN 21

PID 31-D4-3
#4 CHLOE'S PATH
N/F
HFH DEVELOPMENT, LLC
BK 29940 PG 204
PLAN BK 359 PLAN 21
PLAN BK 666 PLAN 21

PID 40-X1-7
#225 SISSON ROAD
N/F
ROBERT C. & KATHY L. CLOBRIDGE
BK 6840 PG 18
PLAN BK 209 PLAN 89

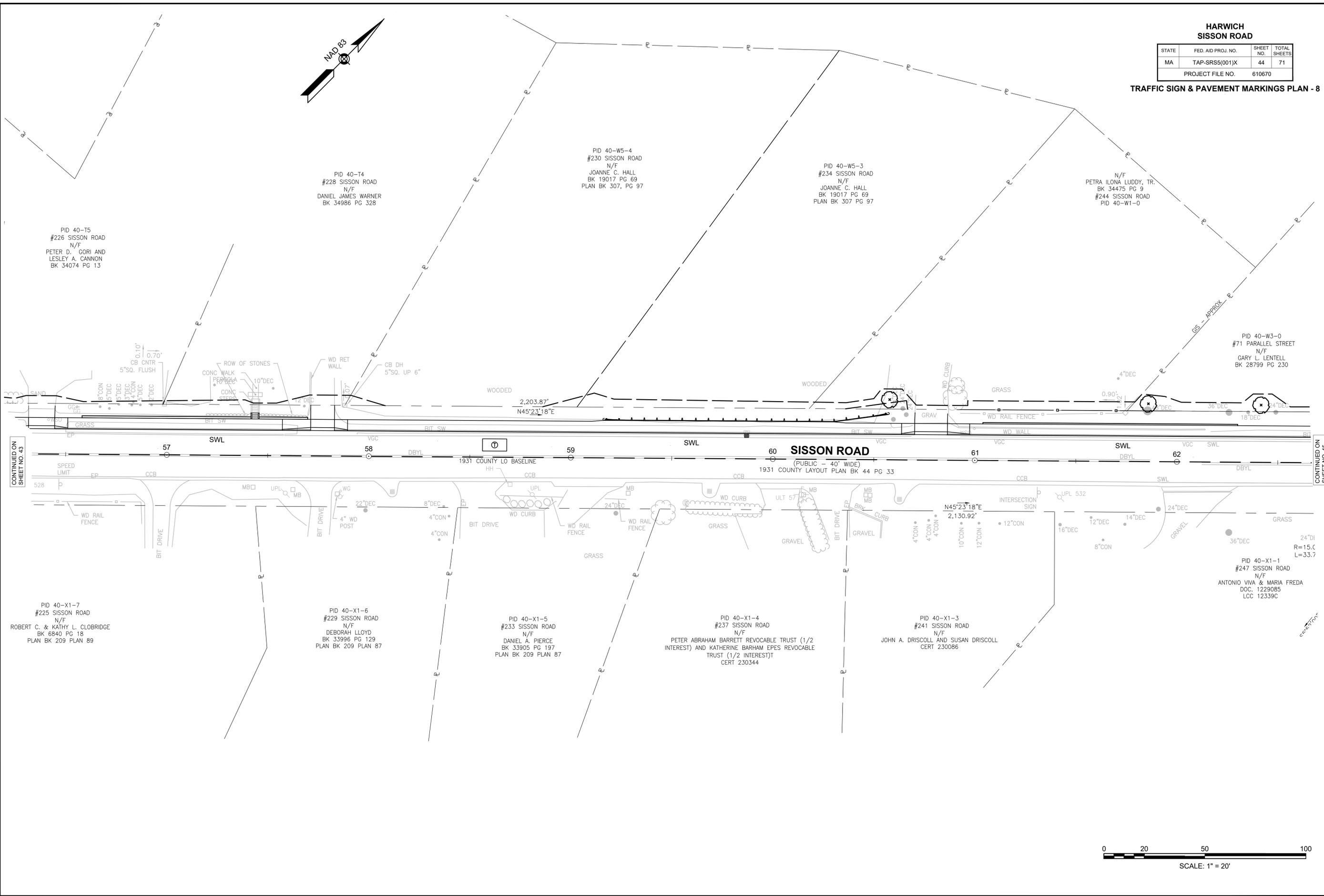
CHLOE'S PATH
PRIVATE - 30' WIDE
PLAN BOOK 666, PAGE 21



**HARWICH
SISSON ROAD**

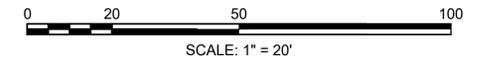
STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	TAP-SR55(001)X	44	71
PROJECT FILE NO.		610670	

TRAFFIC SIGN & PAVEMENT MARKINGS PLAN - 8



CONTINUED ON
SHEET NO. 43

CONTINUED ON
SHEET NO. 45



PID 40-T5
#226 SISSON ROAD
N/F
PETER D. GORI AND
LESLEY A. CANNON
BK 34074 PG 13

PID 40-T4
#228 SISSON ROAD
N/F
DANIEL JAMES WARNER
BK 34986 PG 328

PID 40-W5-4
#230 SISSON ROAD
N/F
JOANNE C. HALL
BK 19017 PG 69
PLAN BK 307, PG 97

PID 40-W5-3
#234 SISSON ROAD
N/F
JOANNE C. HALL
BK 19017 PG 69
PLAN BK 307 PG 97

N/F
PETRA ILONA LUDDY, TR.
BK 34475 PG 9
#244 SISSON ROAD
PID 40-W1-0

PID 40-W3-0
#71 PARALLEL STREET
N/F
GARY L. LENTELL
BK 28799 PG 230

PID 40-X1-7
#225 SISSON ROAD
N/F
ROBERT C. & KATHY L. CLOBRIDGE
BK 6840 PG 18
PLAN BK 209 PLAN 89

PID 40-X1-6
#229 SISSON ROAD
N/F
DEBORAH LLOYD
BK 33996 PG 129
PLAN BK 209 PLAN 87

PID 40-X1-5
#233 SISSON ROAD
N/F
DANIEL A. PIERCE
BK 33905 PG 197
PLAN BK 209 PLAN 87

PID 40-X1-4
#237 SISSON ROAD
N/F
PETER ABRAHAM BARRETT REVOCABLE TRUST (1/2
INTEREST) AND KATHERINE BARHAM EPES REVOCABLE
TRUST (1/2 INTEREST)†
CERT 230344

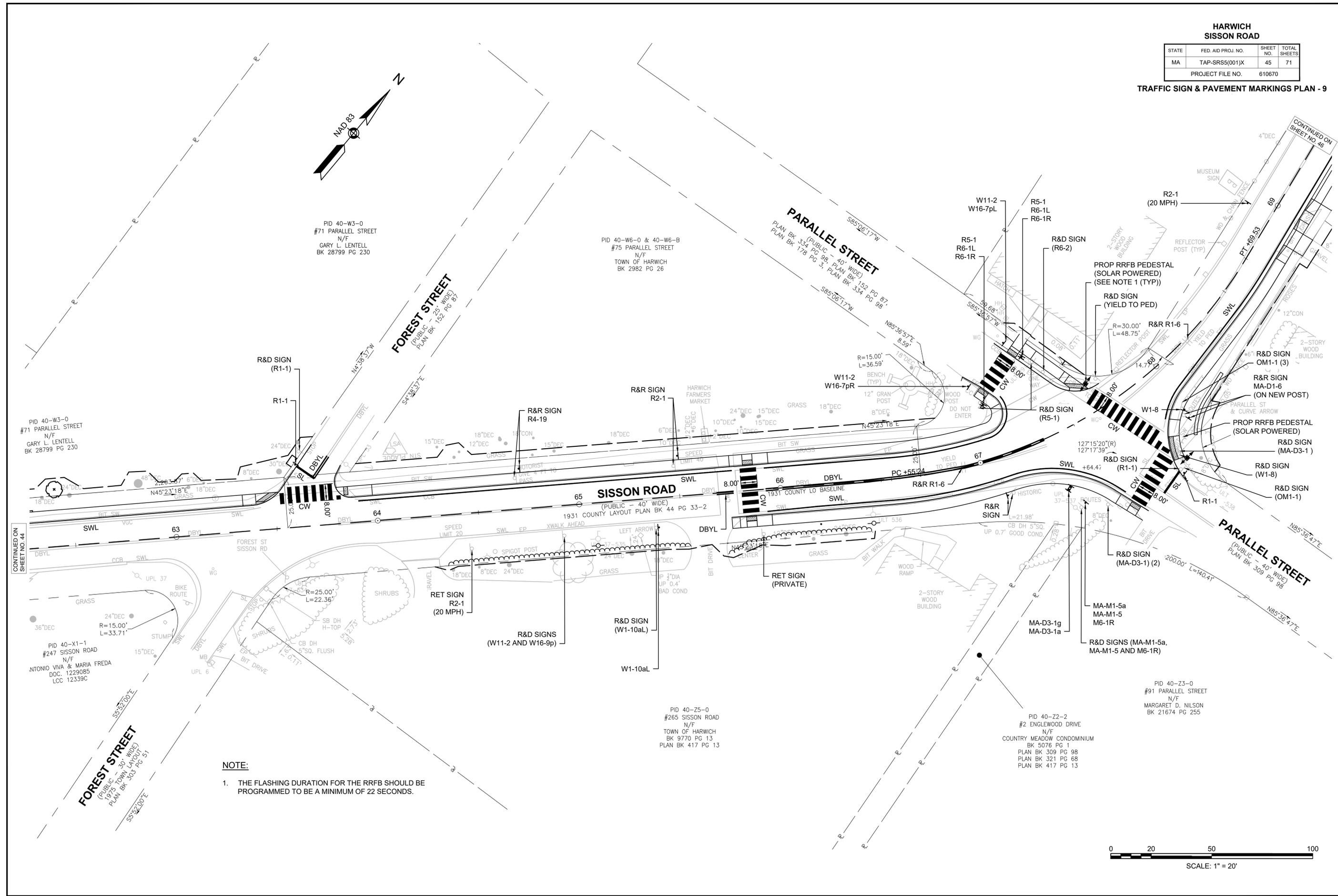
PID 40-X1-3
#241 SISSON ROAD
N/F
JOHN A. DRISCOLL AND SUSAN DRISCOLL
CERT 230086

PID 40-X1-1
#247 SISSON ROAD
N/F
ANTONIO VIVA & MARIA FREDA
DOC. 1229085
LCC 12339C

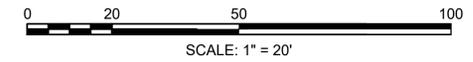
**HARWICH
SISSON ROAD**

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	TAP-SRSS(001)X	45	71
PROJECT FILE NO.		610670	

TRAFFIC SIGN & PAVEMENT MARKINGS PLAN - 9



NOTE:
1. THE FLASHING DURATION FOR THE RRFB SHOULD BE PROGRAMMED TO BE A MINIMUM OF 22 SECONDS.



STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	TAP-SRS5(001)X	47	71
PROJECT FILE NO. 610670			

TRAFFIC SIGN SUMMARY

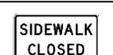
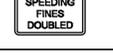
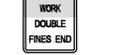
IDENTIFICATION NUMBER	SIZE OF SIGN (INCHES)		TEXT	TEXT DIMENSIONS (INCHES)			NUMBER OF SIGNS REQUIRED	COLOR			POST SIZE AND NUMBER REQUIRED	UNIT AREA IN SQUARE FEET	TOTAL AREA IN SQUARE FEET
	WIDTH	HEIGHT		LETTER HEIGHT	VERTICAL SPACING	ARROW RTE. MKR.		BACK-GROUND	LEGEND	BORDER			
				6C (PRIMARY STREET NAME) 4C (SUFFIX)(MIN)									
MA-D3-1a	48	12		6C (PRIMARY STREET NAME) 4C (SUFFIX)(MIN)	—	—	4	GREEN	WHITE	WHITE	P5.4 MOUNTED W/ MA-D3-1c AND MA-D3-1g	4.0	16.0
MA-D3-1b	36	12		6C (PRIMARY STREET NAME) 4C (SUFFIX)(MIN)			2	GREEN	WHITE	WHITE	MOUNTED W/ MA-D3-1d AND MA-D3-1g	3.0	6.0
MA-D3-1c	36	12		6C (PRIMARY STREET NAME) 4C (SUFFIX)(MIN)			4	GREEN	WHITE	WHITE	MOUNTED W/ MA-D3-1a AND MA-D3-1d	3.0	12.0
MA-D3-1d	36	12		6C (PRIMARY STREET NAME) 4C (SUFFIX)(MIN)			8	GREEN	WHITE	WHITE	P5.2 MOUNTED W/ MA-D3-1b, MA-D3-1c, MA-D3-1e AND MA-D3-1f	3.0	24.0
MA-D3-1e	66	12		6C (PRIMARY STREET NAME) 4C (SUFFIX)(MIN)			2	GREEN	WHITE	WHITE	P5.2 MOUNTED W/ MA-D3-1d	5.5	11.0
MA-D3-1f	63	12		6C (PRIMARY STREET NAME) 4C (SUFFIX)(MIN)			2	GREEN	WHITE	WHITE	P5.2 MOUNTED W/ MA-D3-1d	5.3	10.5
MA-D3-1g (85% LETTER SPACING)	36	12		6C (PRIMARY STREET NAME) 4C (SUFFIX)(MIN)			2	GREEN	WHITE	WHITE	MOUNTED W/ MA-D3-1a	3.0	6.0
MA-M1-5a (ROUTE 124)	30	24		SEE MASSDOT STANDARD SIGN BOOK			1	WHITE	BLACK	BLACK	P5.1	5.0	5.0
MA-M1-5 (ROUTE 39)	24	24					1	WHITE	BLACK	BLACK	MTD WITH MA-M1-5 AND M6-1	4.0	4.0
M6-1 (R)	21	15		SEE MUTCD			1	WHITE	BLACK	BLACK	MTD WITH MA-M1-5a AND MA-M1-5	2.2	2.2
R1-1	36	36					13	RED	WHITE	WHITE	P5.13	9.0	117.0
R2-6bp	24	18					6	WHITE	BLACK	BLACK	MTD WITH R8-3a	3.0	18.0
R5-1	30	30					3	RED / WHITE	WHITE	WHITE	P5.3	6.3	18.8
R6-1L	36	12					4	BLACK	BLACK / WHITE	WHITE	MTD WITH R5-1 AND R1-1	3.0	12.0
R6-1R	36	12					4	BLACK	BLACK / WHITE	WHITE	MTD WITH R5-1 AND R1-1	3.0	12.0
R8-3a	24	30					9	WHITE	RED	RED	P5.9	5.0	45.0
R1-6	12	36					1	WHITE / YELLOW / RED	BLACK / RED	BLACK	RUBBER BASE, 1	3.0	3.0

IDENTIFICATION NUMBER	SIZE OF SIGN (INCHES)		TEXT	TEXT DIMENSIONS (INCHES)			NUMBER OF SIGNS REQUIRED	COLOR			POST SIZE AND NUMBER REQUIRED	UNIT AREA IN SQUARE FEET	TOTAL AREA IN SQUARE FEET
	WIDTH	HEIGHT		LETTER HEIGHT	VERTICAL SPACING	ARROW RTE. MKR.		BACK-GROUND	LEGEND	BORDER			
R2-1	24	30					2	WHITE	BLACK	BLACK	P5.2	5.0	10.0
S5-2	24	30					1	WHITE	BLACK	BLACK	P5.1	5.0	5.0
W1-8	18	24					1	YELLOW	BLACK	BLACK	P5.1	3.0	3.0
W1-10aL	36	36					1	YELLOW	BLACK	BLACK	P5.1	9.0	9.0
W3-1	30	30					1	YELLOW	BLACK / YELLOW / RED	BLACK	P5.1	6.3	6.3
W4-4aPR	24	12					1	FL. YEL-GR	BLACK	BLACK	MOUNTED W/ R1-1	2.00	2.0
W4-4bP	24	12					1	FL. YEL-GR	BLACK	BLACK	MOUNTED W/ R1-1	2.00	2.0
W11-2	30	30					12	FL. YEL-GR	BLACK	BLACK	ON SIGNAL POST	6.3	75.0
							10	FL. YEL-GR	BLACK	BLACK	P5.10	6.3	62.5
W16-7P(L)	24	12					6	FL. YEL-GR	BLACK	BLACK	ON SIGNAL POST	2.0	12.0
							4	FL. YEL-GR	BLACK	BLACK	MTD WITH W11-2 AND S1-1	2.0	8.0
W16-7P(R)	24	12					6	FL. YEL-GR	BLACK	BLACK	ON SIGNAL POST	2.0	12.0
							4	FL. YEL-GR	BLACK	BLACK	MTD WITH W11-2 AND S1-1	2.0	8.0
W16-9P	24	12					6	FL. YEL-GR	BLACK	BLACK	MTD WITH W11-2 AND S1-1	2.0	12.0
R10-25	9	12					6	WHITE	BLACK	BLACK	ON SIGNAL POST	0.75	4.50
S1-1	36	36					6	FL. YEL-GR	BLACK	BLACK	P5.4	9.0	54.0
SP-1	24	30		45C (PRIMARY) 35C (SECONDARY)	1"	N/A	2	WHITE	BLACK	BLACK	P5.2	5.0	10.00
TOTAL AREA OF SIGNS (SQUARE FEET)												617.69	

NOTES:

- SEE MUTCD 2009 EDITION, 2004 STD. HWY. SIGNS (INCLUDING ALL REVISIONS AND SUPPLEMENTS), SECTION M9.30.0 TYPE IV OF THE MASSDOT STANDARD SPECIFICATION FOR RETROFLECTIVE SHEETING, AND MASSDOT STANDARD SIGN BOOK FOR MASSDOT STANDARD SIGNS (TYPE MA- SIGNS).
- SIGN ASSEMBLIES OVER 10 SQUARE FEET OR ANY STREET NAME SIGN GREATER THAN 36" SHALL BE MOUNTED ON TWO P5 POSTS.
- SIGNS SHALL BE PRINTED ONE SIDE (POS) AND MOUNTED BACK-TO-BACK, WITH BOLTS THROUGH THE SIGN FACE AND POST. SIGNS SHALL NOT BE CAP-MOUNTED.
- SEE MUTCD 2009 EDITION SECTION 2A.18 FOR SIGN MOUNTING HEIGHT.

TRAFFIC SIGN SUMMARY

IDENTIFICATION NUMBER	SIZE OF SIGN (INCHES)		TEXT	TEXT DIMENSIONS (INCHES)			NUMBER OF SIGNS REQUIRED	COLOR			POST SIZE AND NUMBER REQUIRED	UNIT AREA IN SQUARE FEET	TOTAL AREA IN SQUARE FEET
	WIDTH	HEIGHT		LETTER HEIGHT	VERTICAL SPACING	ARROW RTE. MKR.		BACK-GROUND	LEGEND	BORDER			
R9-11aR	24	12		SEE MUTCD			2	FL. ORANGE	BLACK	BLACK	P5, 1	2.0	4.0
R9-11aL	24	12		SEE MUTCD			2	FL. ORANGE	BLACK	BLACK	P5, 1	2.0	4.0
R9-9	24	12		SEE MUTCD			4	FL. ORANGE	BLACK	BLACK	P5, 1	2.0	8.0
W20-7a	36	36		SEE MUTCD			6	FL. ORANGE	BLACK	BLACK	P5, 1	9.0	54.0
W20-4	36	36		SEE MUTCD			6	FL. ORANGE	BLACK	BLACK	P5, 1	9.0	54.0
W20-1	36	36		SEE MUTCD			6	FL. ORANGE	BLACK	BLACK	P5, 1	9.0	54.0
MA-R2-10a	48	36		SEE MASSDOT STANDARD SIGN BOOK			6	FL. ORANGE	BLACK	BLACK	P5, 1	12.0	72.0
MA-R2-10e	36	48		SEE MUTCD			6	FL. ORANGE	BLACK	BLACK	P5, 1	12.0	72.0
MA-W20-7b	36	36		SEE MUTCD			6	FL. ORANGE	BLACK	BLACK	P5, 1	9.0	54.0
TOTAL AREA OF SIGNS (SQUARE FEET)												376.0	

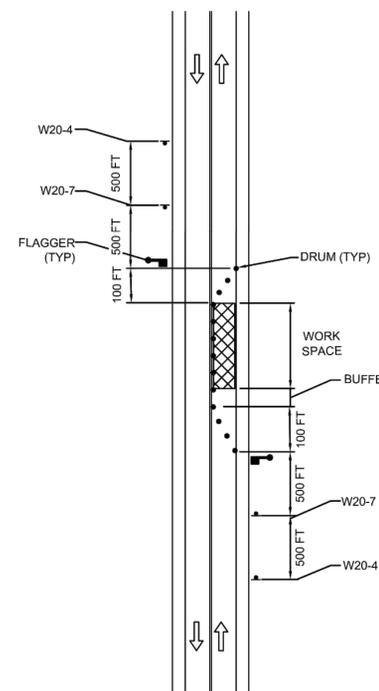
NOTES:

1. W20-1 TO BE PLACED 350' IN ADVANCE OF WORK ZONE SIGNS SHOWN.
2. MA-R2-10a, AND MA-R2-10e SIGNS TO BE PLACED IN ACCORDANCE WITH MASSDOT STANDARDS.
3. ALL TEMPORARY TRAFFIC CONTROL WORK SHALL CONFORM TO THE LATEST EDITION OF THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (MUTCD) AND ALL REVISIONS, MASSDOT'S "STANDARD DETAILS AND DRAWINGS FOR THE DEVELOPMENT OF TEMPORARY TRAFFIC CONTROL PLANS", THE STANDARD SPECIFICATIONS, AND THE FOLLOWING NOTES.
4. ALL SIGN LEGENDS, BORDERS AND MOUNTING SHALL BE IN ACCORDANCE WITH THE MUTCD.
5. TEMPORARY CONSTRUCTION SIGNING AND ALL OTHER NECESSARY WORK ZONE TRAFFIC CONTROL DEVICES SHALL BE REMOVED FROM THE HIGHWAY OR COVERED WHEN THEY ARE NOT REQUIRED FOR CONTROL OF TRAFFIC.
6. DISTANCES ARE A GUIDE AND MAY BE ADJUSTED IN THE FIELD BY THE ENGINEER.
7. MAXIMUM SPACING OF TRAFFIC DEVICES IN A TAPER (DRUMS OR CONES) IS EQUAL IN FEET TO THE SPEED LIMIT IN MPH.
8. MAINTAIN MINIMUM TRAVEL LANE WIDTH OF 10 FEET.
9. ALL TEMPORARY TRAFFIC CONTROL DEVICES SHALL BE IN PLACE PRIOR TO THE START OF WORK.
10. THE BUFFER SPACES SHOULD BE EXTENDED IF NECESSARY SO THAT THE 100' MAX. TWO-WAY TRAFFIC TAPERS ARE PLACED BEFORE THE HORIZONTAL (OR CREST VERTICAL) CURVES TO PROVIDE ADEQUATE SIGHT DISTANCE FOR THE FLAGGERS AND QUEUES OF STOPPED VEHICLES.
11. ACCESS TO ALL BUSINESSES AND RESIDENCES WITHIN THE WORK AREA SHALL BE MAINTAINED AT ALL TIMES.
12. THE CONTRACTOR SHALL PLACE TEMPORARY CONSTRUCTION SIGNS TO ENSURE THAT A 36" UNOBSTRUCTED MINIMUM CLEARANCE IS PROVIDED AT ALL TIMES ON SIDEWALKS OPEN TO PEDESTRIANS. AT LOCATIONS WHERE A 36" MINIMUM CLEARANCE CANNOT BE ACHIEVED, THE CONTRACTOR SHALL COORDINATE WITH THE ENGINEER TO PROVIDE MOUNTED SIGNS WITH THE BOTTOM OF THE SIGN OVERHANG NO LESS THAN 84" HIGH IN ORDER TO MEET ADA STANDARDS. THIS WORK SHALL BE PAID FOR UNDER "TRAFFIC MANAGEMENT ITEM."
13. TEMPORARY CONSTRUCTION ADVANCED WARNING SIGNS POSTED ON MINOR INTERSECTING STREETS SHOWN IN THE "TYPICAL CLOSURE AT SIDE OF INTERSECTION" DETAIL, MAY BE PLACED 100 FT APART.
14. THE LONGITUDINAL PEDESTRIAN CHANNELING DEVICES SHALL BE POSITIONED SUCH THAT THERE ARE NO GAPS ACROSS THE ENTIRE WIDTH OF THE SIDEWALK.
15. THE LONGITUDINAL PEDESTRIAN CHANNELING DEVICES USED FOR THE SIDEWALK CLOSURE SHALL HAVE A DETECTABLE EDGE IN ACCORDANCE WITH SECTION 6F.74 OF THE MOST RECENT EDITION OF THE MUTCD, INCLUDING ALL REVISIONS AND ADDENDA.
16. CROSSWALKS OR STOP LINES OBSCURED OR DAMAGED BY THE CONTRACTOR SHALL BE REPLACED AT THE END OF EACH SHIFT. TEMPORARY MATERIALS MAY BE USED IF IT IS EXPECTED THAT THE LINES WILL BE OBSCURED OR DAMAGED AGAIN. THERMOPLASTIC SHALL NOT BE USED FOR PERMANENT REPLACEMENT.
17. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN AN ADA COMPLIANT ACCESS AT ALL TIMES THROUGHOUT CONSTRUCTION
18. ALL TEMPORARY FACILITIES, INCLUDING BUT NOT LIMITED TO, TEMPORARY PEDESTRIAN PASSAGEWAYS AROUND A CONSTRUCTION SITE, SHALL COMPLY WITH 521 CMR.

HARWICH
SOUTH STREET, MAIN STREET & SISSON ROAD

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	TAP-SRS5(001)X	48	71
PROJECT FILE NO.		610670	

TEMPORARY TRAFFIC CONTROL PLAN 1



MINIMUM LENGTH OF LONGITUDINAL BUFFER IS EQUAL TO THE STOPPING SIGHT DISTANCE AT THE POSTED SPEED LIMIT AND CAN BE DETERMINED FROM THE FOLLOWING TABLE:

STOPPING SIGHT DISTANCE	
SPEED (MPH)	DISTANCE (FT)
25	155
30	200
35	250
40	305

NOTES:

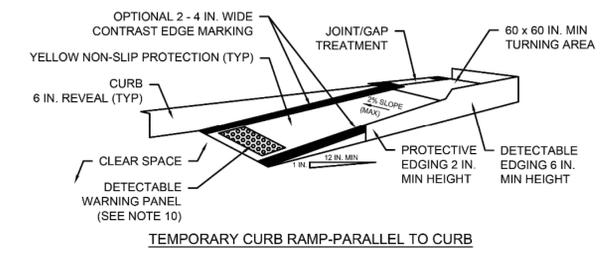
1. MAXIMUM DRUM SPACING IS EQUAL IN FEET TO THE SPEED LIMIT IN MPH.
2. DRAWING SHALL NOT BE USED ON ROADS WITH A SPEED LIMIT OF 45 MPH OR GREATER UNLESS ADT IS LESS THAN 4,000 VPD.

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	TAP-SRS5(001)X	49	71
PROJECT FILE NO.		610670	

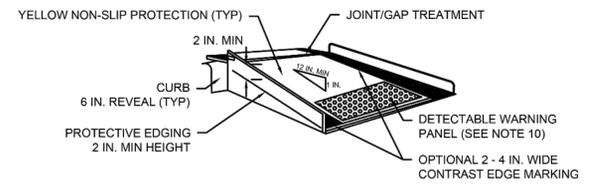
TEMPORARY TRAFFIC CONTROL PLAN 2

NOTE:

SEE TEMPORARY TRAFFIC CONTROL PLAN 1 FOR ADDITIONAL NOTES APPLICABLE TO THIS SHEET.



TEMPORARY CURB RAMP-PARALLEL TO CURB



TEMPORARY CURB RAMP-PERPENDICULAR TO CURB

NOTES:

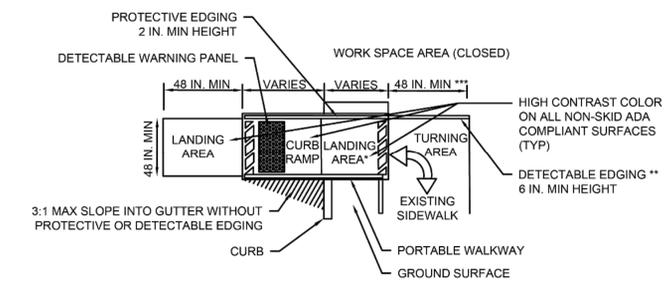
- CURB RAMP SHALL BE 60 IN. MINIMUM WIDTH WITH A FIRM, STABLE, AND NON-SLIP SURFACE.
- PROTECTIVE EDGING WITH A 2 IN. MINIMUM HEIGHT SHALL BE INSTALLED WHEN THE CURB RAMP OR LANDING PLATFORM HAS A VERTICAL DROP OF 6 IN. OR GREATER OR HAS A SIDE APRON SLOPE STEEPER THAN 1:3 (33%). PROTECTIVE EDGING SHOULD BE CONSIDERED WHEN THE CURB RAMP OR LANDING PLATFORMS HAVE A VERTICAL DROP OF 3 IN. OR MORE.
- DETECTABLE EDGING WITH 6 IN. MINIMUM HEIGHT AND CONTRASTING COLOR SHALL BE INSTALLED ON ALL CURB RAMP LANDINGS WHERE THE WALKWAY CHANGES DIRECTION (TURNS).
- THE CURB RAMP WALKWAY AND LANDING AREA SURFACE SHALL BE OF A SOLID CONTINUOUS CONTRASTING COLOR ABUTTING UP TO THE EXISTING SIDEWALK.
- CURB RAMP AND LANDINGS SHOULD HAVE A 1:50 (2%) MAXIMUM CROSS-SLOPE.
- CLEAR SPACE OF 48 x 48 IN. MINIMUM SHALL BE PROVIDED ABOVE AND BELOW THE CURB RAMP.
- WATER FLOW IN THE GUTTER SYSTEM SHALL HAVE MINIMAL RESTRICTION.
- LATERAL JOINTS OR GAPS BETWEEN SURFACES SHALL BE LESS THAN 0.5 IN. WIDTH.
- CHANGES BETWEEN SURFACE HEIGHTS SHOULD NOT EXCEED 0.5 IN. LATERAL EDGES SHOULD BE VERTICAL UP TO 0.25 IN. HIGH, AND BEVELED AT 1:2 BETWEEN 0.25 IN. AND 0.5 IN. HEIGHT.
- IF A TEMPORARY PEDESTRIAN RAMP LEADS TO A CROSSWALK, THEN A DETECTABLE WARNING PANEL MUST BE ADHERED TO THE BASE OF THE RAMP. IF IT LEADS TO A PROTECTED PEDESTRIAN BYPASS THAT DOES NOT CONFLICT WITH VEHICULAR TRAFFIC, THEN A DETECTABLE WARNING PANEL SHALL NOT BE INSTALLED ON THE RAMP.



CONSTRUCTION STANDARDS
SECTION 800

TEMPORARY CURB RAMP (1 OF 2)

ISSUE DATE
JAN 2025
DRAWING NUMBER
850.1.1



TEMPORARY CURB RAMP

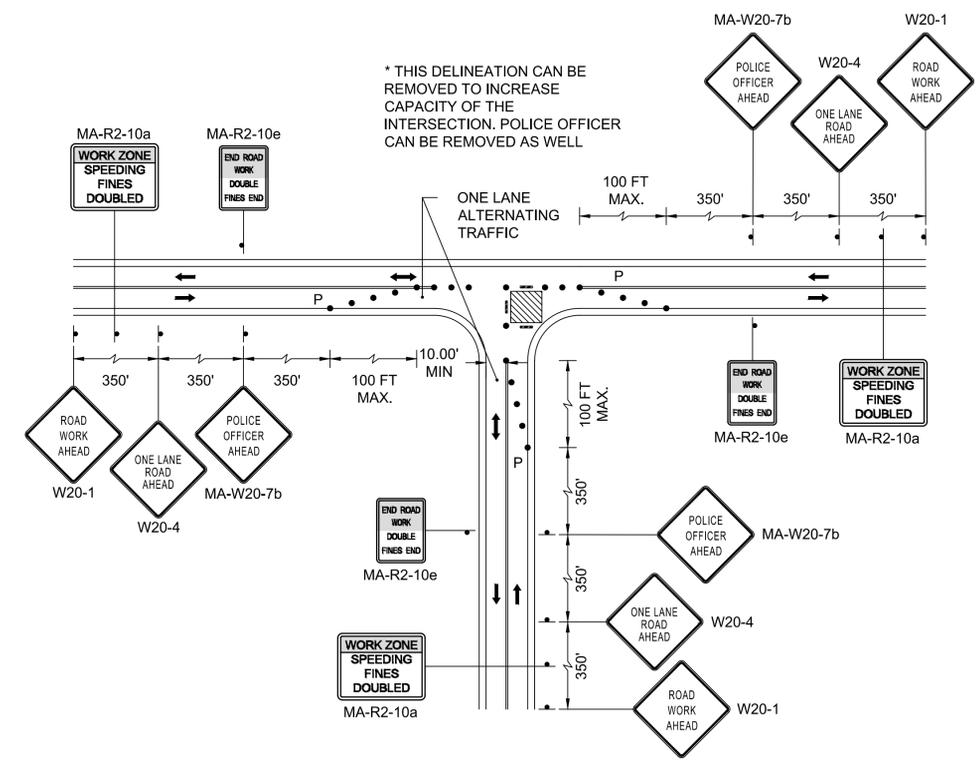
- * LANDING AREA USED TO OVERLAP NON-ADA COMPLIANT SURFACES.
- ** DETECTABLE EDGING REMOVED IF A CONTINUOUS SIDEWALK.
- *** 60 IN. MINIMUM IF AN OBSTRUCTION IS AT BACK OF SIDEWALK.



CONSTRUCTION STANDARDS
SECTION 800

TEMPORARY CURB RAMP (2 OF 2)

ISSUE DATE
JAN 2025
DRAWING NUMBER
850.1.2

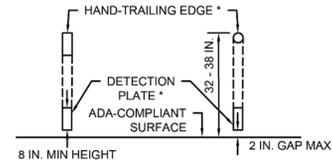


SINGLE LANE APPROACH ON QUADRANT CLOSURE
NOT TO SCALE

HARWICH
SOUTH STREET, MAIN STREET & SISSON ROAD

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	TAP-SRS5(001)X	50	71
PROJECT FILE NO.		610670	

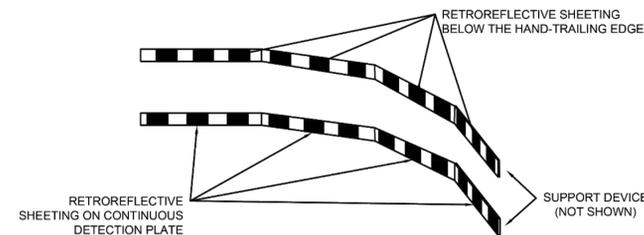
TEMPORARY TRAFFIC CONTROL PLAN 3



CROSS SECTION VIEW

* THE HAND-TRAILING EDGE AND DETECTION PLATE SHALL BE CONTINUOUS THROUGHOUT THE LENGTH OF THE PATH SUCH THAT A PEDESTRIAN USER WITH A LONG CANE CAN FOLLOW IT.

STANDARD RETROREFLECTIVE LAYOUT FOR PEDESTRIAN CHANNELIZING DEVICES



ISOMETRIC VIEW

NOTES:

1. A MAXIMUM 2-INCH GAP BETWEEN THE BOTTOM OF THE CONTINUOUS DETECTION PLATE AND THE WALKWAY SURFACE MAY BE USED TO PROVIDE DRAINAGE.
2. HAND-TRAILING EDGE AND DETECTION PLATE ARE OPTIONAL FOR CONTINUOUS WALLS.
3. SUPPORT DEVICE FOR CONTINUOUS DETECTION PLATE AND CONTINUOUS HAND-TRAILING EDGE NOT SHOWN ON THE PLAN.
4. STRIPING ON SHEETING PANELS MAY BE EITHER VERTICAL OR AT A 45-DEGREE ANGLE.
5. RETROREFLECTIVE AREAS CAN BE DISTRIBUTED IN A MANNER THAT ENSURES VISIBILITY AND DETECTION WITHOUT NECESSITATING A SINGLE CONTINUOUS APPLICATION.

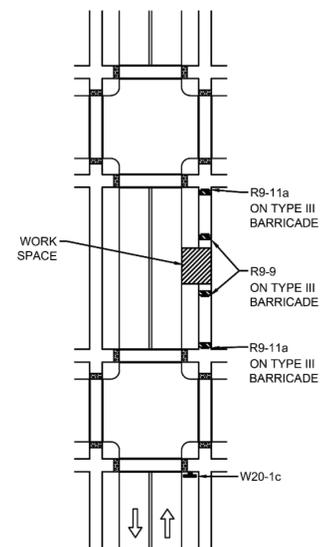


CONSTRUCTION STANDARDS
SECTION 800

PEDESTRIAN CHANNELIZING DEVICE

ISSUE DATE
JAN 2025

DRAWING NUMBER
851.3.1



NOTE:

SEE TEMPORARY TRAFFIC CONTROL PLAN 1 FOR ADDITIONAL NOTES APPLICABLE TO THIS SHEET.



CONSTRUCTION STANDARDS
SECTION 800

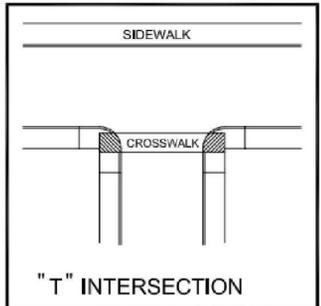
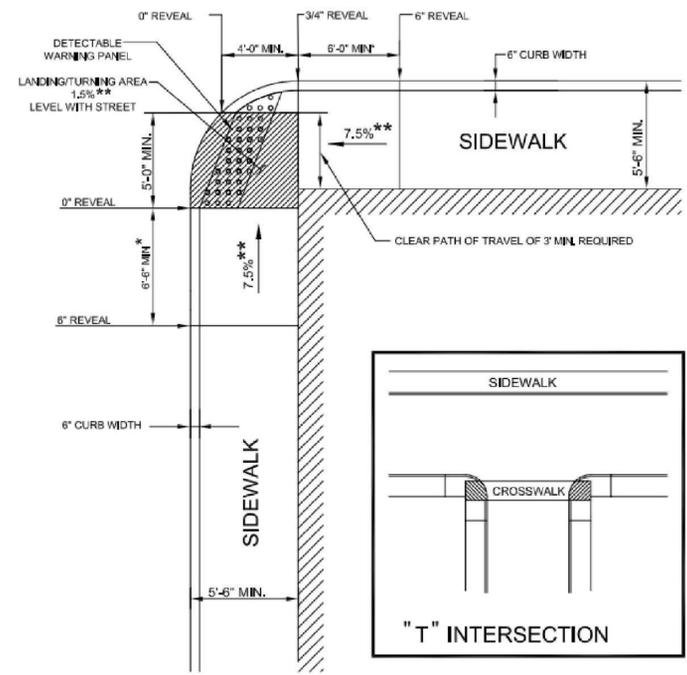
SIDEWALK DETOUR

ISSUE DATE
JAN 2025

DRAWING NUMBER
852.1.1

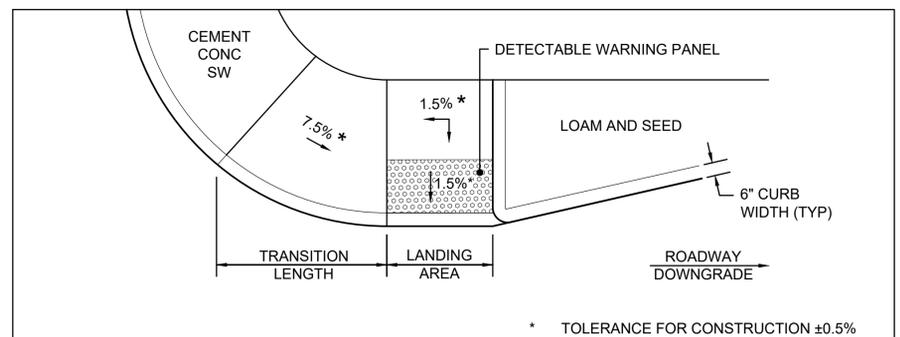
STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	TAP-SR55(001)X	51	71
PROJECT FILE NO.		610670	

CONSTRUCTION DETAILS - 1

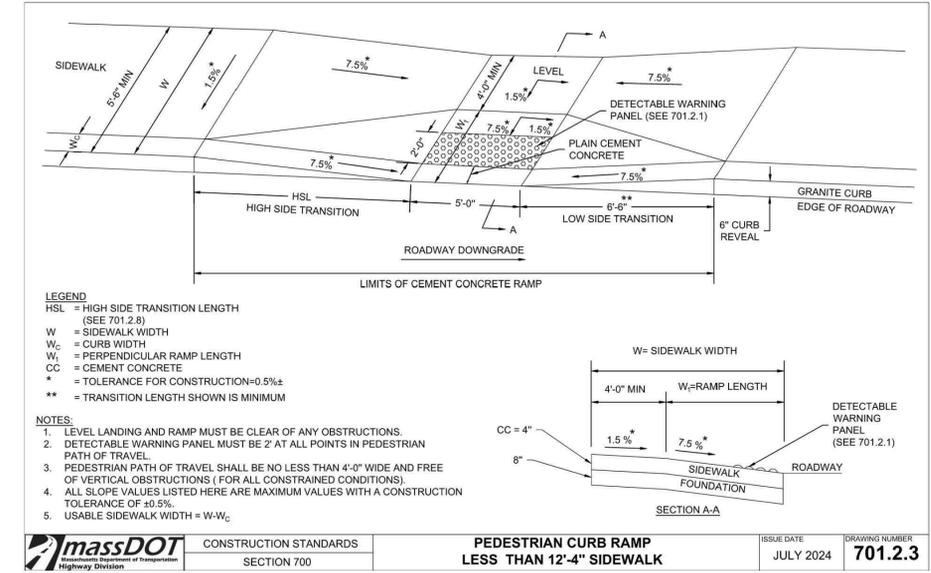


* TOLERANCE FOR CONSTRUCTION ±0.5%
** NOTED FROM STANDARD DETAIL

PEDESTRIAN CURB RAMP - TYPE 1									
ROADWAY	PCR #	RAMP REFERENCE POINT		ROADWAY GUTTER SLOPE	TRANSITION LENGTH		CURB REVEAL (IN)		
		STATION	OFFSET		HIGH SIDE	LOW SIDE	HIGH SIDE	LOW SIDE	
SISSON	7-2	52+51	16' LT	-0.5%	3.84'	6.5'	3"	6"	



PEDESTRIAN CURB RAMP - TYPE 2 (MODIFIED)										
ROADWAY	PCR #	RAMP REFERENCE POINT		WIDTH OF SIDEWALK	WIDTH OF RAMP ENTRANCE 5.0' (MIN)	ROADWAY GUTTER SLOPE	TRANSITION LENGTH		CURB REVEAL (IN)	
		STATION	OFFSET				HIGH SIDE	LOW SIDE	HIGH SIDE	LOW SIDE
SISSON	9-4	67+15	35' LT	5.5'	5.0'	-0.32%	-	6.5'	-	6"

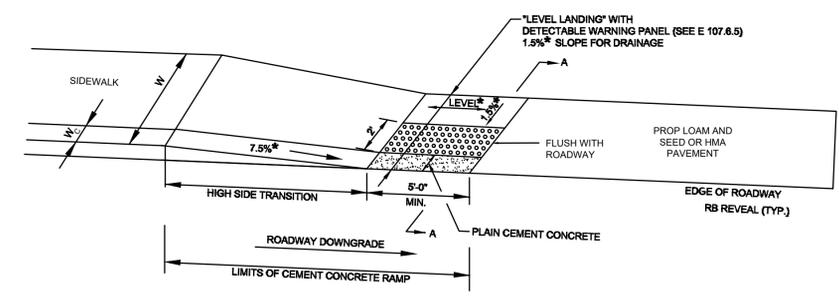


LEGEND
HSL = HIGH SIDE TRANSITION LENGTH (SEE 701.2.8)
W = SIDEWALK WIDTH
W_c = CURB WIDTH
W_r = PERPENDICULAR RAMP LENGTH
CC = CEMENT CONCRETE
* = TOLERANCE FOR CONSTRUCTION ±0.5%
** = TRANSITION LENGTH SHOWN IS MINIMUM

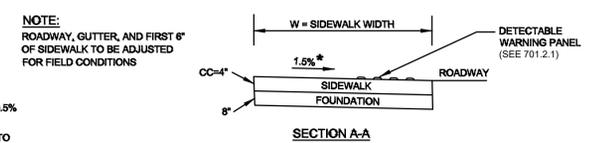
- NOTES:
1. LEVEL LANDING AND RAMP MUST BE CLEAR OF ANY OBSTRUCTIONS.
2. DETECTABLE WARNING PANEL MUST BE 2' AT ALL POINTS IN PEDESTRIAN PATH OF TRAVEL.
3. PEDESTRIAN PATH OF TRAVEL SHALL BE NO LESS THAN 4'-0" WIDE AND FREE OF VERTICAL OBSTRUCTIONS (FOR ALL CONSTRAINED CONDITIONS).
4. ALL SLOPE VALUES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

massDOT	CONSTRUCTION STANDARDS	SECTION 700	PEDESTRIAN CURB RAMP LESS THAN 12'-4" SIDEWALK	ISSUE DATE	DRAWING NUMBER
				JULY 2024	701.2.3

PEDESTRIAN CURB RAMP - TYPE 1 (MODIFIED)											
ROADWAY	PCR #	RAMP REFERENCE POINT		WIDTH OF SIDEWALK (W)	WIDTH OF RAMP ENTRANCE 5.0' (MIN)	LENGTH OF PRIMARY RAMP (W _r)	ROADWAY GUTTER SLOPE	TRANSITION LENGTH		CURB REVEAL (IN)	
		STATION	OFFSET					HIGH SIDE	LOW SIDE	HIGH SIDE	LOW SIDE
SOUTH	3-1	111+32	15' RT	8.5'	5.0'	3.7'	-2.21%	3.7'	6.5'	2"	6"



LEGEND
HSL = HIGH SIDE TRANSITION LENGTH (SEE 701.2.8)
W = SIDEWALK WIDTH
W_c = CURB WIDTH
CC = CEMENT CONCRETE
* = TOLERANCE FOR CONSTRUCTION ±0.5%
USABLE SIDEWALK WIDTH PER AAB = W-W_c
USABLE SIDEWALK WIDTH PER AAB IS NOT TO BE LESS THAN 4' (SEE 701.2.1) FOR DETAILS OF DETECTABLE WARNING PANEL

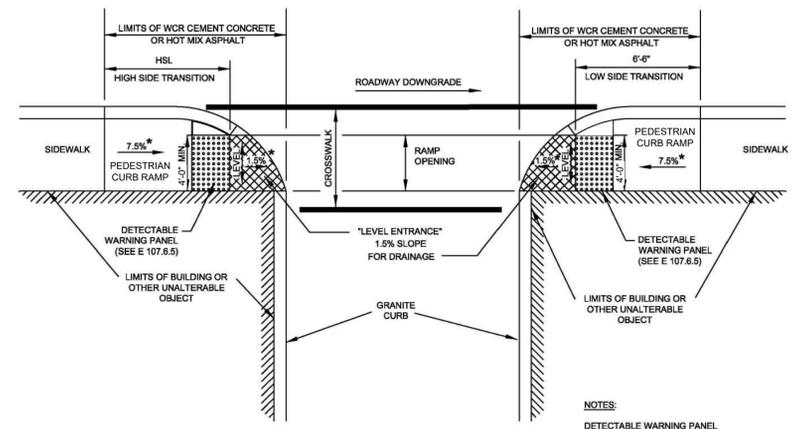


- NOTE:
1. SIDEWALK TERMINATES ON THE EAST SIDE OF MAIN STREET AND SISSON ROAD AT THESE LOCATIONS, AND ON THE SOUTH SIDE OF SOUTH STREET, THEREFORE A HIGH SIDE TRANSITION IS NOT NEEDED.

PEDESTRIAN CURB RAMP - TYPE 2										
ROADWAY	PCR #	RAMP REFERENCE POINT		WIDTH OF RAMP ENTRANCE 5.0' (MIN)	ROADWAY GUTTER SLOPE	TRANSITION LENGTH		CURB REVEAL (IN)		
		STATION	OFFSET			HIGH SIDE	LOW SIDE	HIGH SIDE	LOW SIDE	
MAIN	4-2	208+91	12' LT	5.0'	-0.09%	-	4.5'	-	4"	
MAIN	6-2	217+00	12' LT	5.0'	-0.06%	3.25'	-	3"	-	
SISSON	9-6	67+59	53' RT	5.0'	+0.65%	-	6.5'	-	6"	
SISSON	9-7	67+79	43' RT	12.0'	-0.50%	7.67'	-	6"	-	
SOUTH	1-6	104+32.5	11.5 LT	5.5'	LEVEL	3.25'	-	3"	-	

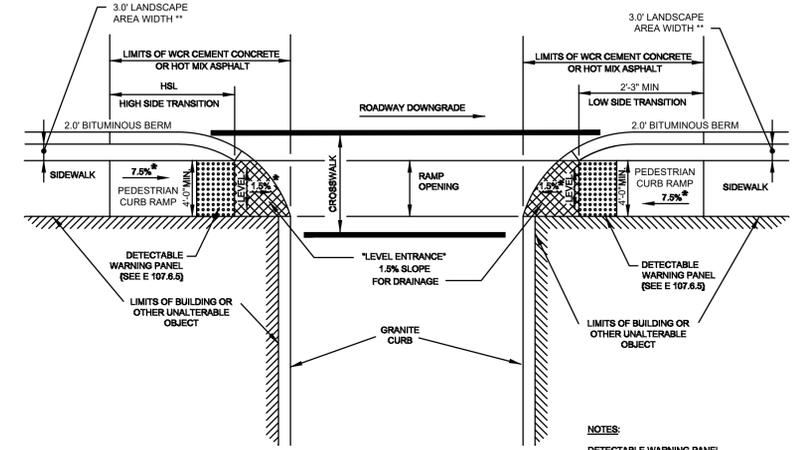
STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	TAP-SRS5(001)X	52	71
PROJECT FILE NO.		610670	

CONSTRUCTION DETAILS - 2



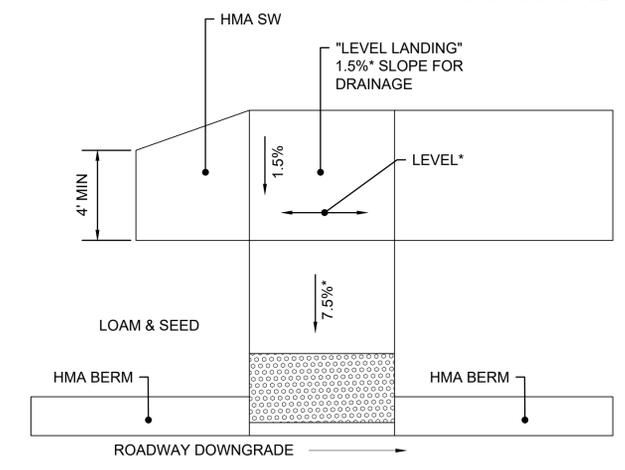
LEGEND
HSL = HIGH SIDE TRANSITION LENGTH (SEE 701.2.8)
* = TOLERANCE FOR CONSTRUCTION ±0.5%

NOTES:
DETECTABLE WARNING PANEL LOCATED NOT LESS THAN 6" OR MORE THAN 24" FROM ROADWAY EDGE (GUTTER LINE). TRUNCATED DOMES TO BE ALIGNED WITH DIRECTION OF TRAVEL.
FOR DETAILS OF TRUNCATED DOMES SEE DRAWING 701.2.1
ROADWAY, GUTTER, AND FIRST 6" OF SIDEWALK TO BE ADJUSTED FOR FIELD CONDITIONS.



LEGEND
HSL = HIGH SIDE TRANSITION LENGTH (SEE 701.2.8)
* = TOLERANCE FOR CONSTRUCTION ±0.5%
** = 4.0' LANDSCAPE AREA WIDTH ON SISSON ROAD

NOTES:
DETECTABLE WARNING PANEL LOCATED NOT LESS THAN 6" OR MORE THAN 24" FROM ROADWAY EDGE (GUTTER LINE). TRUNCATED DOMES TO BE ALIGNED WITH DIRECTION OF TRAVEL.
FOR DETAILS OF TRUNCATED DOMES SEE DRAWING 701.2.1
ROADWAY, GUTTER, AND FIRST 6" OF SIDEWALK TO BE ADJUSTED FOR FIELD CONDITIONS.



* = TOLERANCE FOR CONSTRUCTION ±0.5%

PEDESTRIAN CURB RAMP - TYPE 3

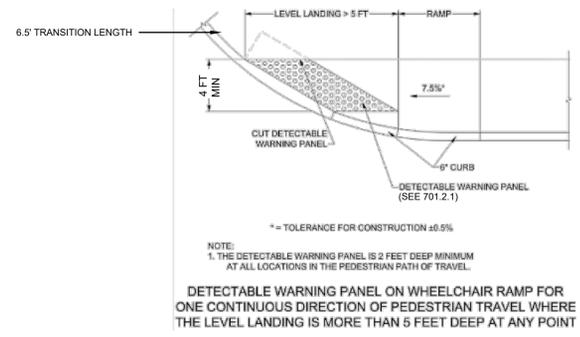
ROADWAY	PCR #	RAMP REFERENCE POINT		WIDTH OF RAMP ENTRANCE 4.0' (MIN)	ROADWAY GUTTER SLOPE*	TRANSITION LENGTH		CURB REVEAL (IN)	
		STATION	OFFSET			HIGH SIDE	LOW SIDE	HIGH SIDE	LOW SIDE
SOUTH	1-3	103+93	16' RT	5.0'	-0.39%	7.67'	-	6"	-
SOUTH	1-4	104+16	16' RT	5.0'	0.39%	-	4.33'	-	4"
SOUTH	2-2	105+29	15' RT	5.0'	-1.18%	9.0'	-	6"	-
SISSON	9-2	63+81	17' LT	5.0'	-3.89%	14'	-	6"	-

PEDESTRIAN CURB RAMP - TYPE 3 (MODIFIED)

ROADWAY	PCR #	RAMP REFERENCE POINT		WIDTH OF RAMP ENTRANCE 5.0' (MIN)	ROADWAY GUTTER SLOPE	TRANSITION LENGTH		REVEAL (IN)	
		STATION	OFFSET			HIGH SIDE	LOW SIDE	HIGH SIDE	LOW SIDE
MAIN	6-5	219+27	18' RT	5.0'	-0.75%	-	2.56'	-	2"
MAIN	6-6	219+48	18' RT	5.0'	-0.75%	-	2.56'	-	2"
MAIN	10-1	222+19	17' RT	5.0'	-2.95%	-	4.67'	-	2"
SOUTH	3-2	111+42	25' LT	5.0'	+3.27%	-	2.17'	-	2"

PEDESTRIAN CURB RAMP - TYPE 5

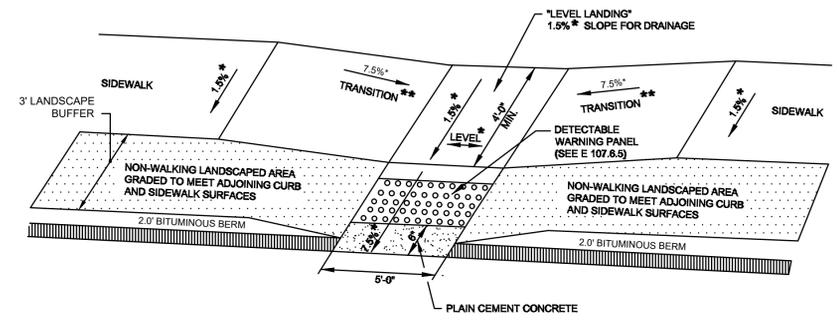
ROADWAY	PCR #	RAMP REFERENCE POINT		WIDTH OF RAMP ENTRANCE 5.0' (MIN)	ROADWAY GUTTER SLOPE	TRANSITION LENGTH		CURB REVEAL (IN)	
		STATION	OFFSET			HIGH SIDE	LOW SIDE	HIGH SIDE	LOW SIDE
SISSON	9-8	67+36	45' LT	5.0'	0.18%	6.5'	6.5'	6"	6"



NOTE:
1. THE DETECTABLE WARNING PANEL IS 2 FEET DEEP MINIMUM AT ALL LOCATIONS IN THE PEDESTRIAN PATH OF TRAVEL.
DETECTABLE WARNING PANEL ON WHEELCHAIR RAMP FOR ONE CONTINUOUS DIRECTION OF PEDESTRIAN TRAVEL WHERE THE LEVEL LANDING IS MORE THAN 5 FEET DEEP AT ANY POINT

CURB RAMP - TYPE 4

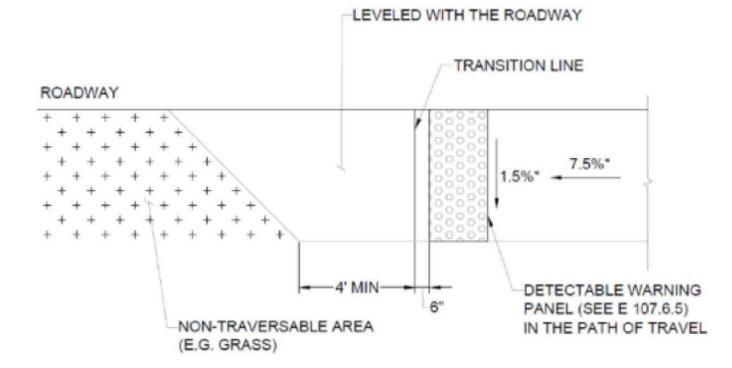
ROADWAY	PCR #	RAMP REFERENCE POINT		WIDTH OF RAMP ENTRANCE 4.0' (MIN)	ROADWAY GUTTER SLOPE*	TRANSITION LENGTH		CURB REVEAL (IN)	
		STATION	OFFSET			HIGH SIDE	LOW SIDE	HIGH SIDE	LOW SIDE
SOUTH	1-1	100+93	14' RT	5.0'	-1.61%	-	6.5'	-	6"
SOUTH	1-2	101+52	14' RT	5.0'	+1.61%	9.0'	-	6"	-
SOUTH	2-1	104+92	13' RT	5.0'	-1.18%	-	3.25'	-	3"
SOUTH	2-3	107+20	15' RT	5.0'	-0.71%	7.67'	-	6"	-
SOUTH	2-4	107+76	16' RT	5.0'	+0.71%	-	6.5'	-	6"
MAIN	6-3	217+17	12' LT	4.0'	+0.21%	-	3.25'	-	3"
MAIN	6-4	217+60	13' LT	4.0'	-0.50%	7.67'	-	6"	-
MAIN	7-1	52+02	13' LT	4.0'	+0.23%	-	6.5'	-	6"
SISSON	9-1	63+50	17' LT	4.0'	+2.56%	-	6.5'	-	6"
SISSON	9-9	67+64	12' LT	5.0'	LEVEL	-	2.17'	-	2"



LEGEND
* = TOLERANCE FOR CONSTRUCTION ±0.5%
** = SEE 701.2.8 FOR TRANSITION LENGTH

PEDESTRIAN CURB RAMP - TYPE 6

ROADWAY	PCR #	RAMP REFERENCE POINT		WIDTH OF RAMP ENTRANCE 5.0' (MIN)	ROADWAY GUTTER SLOPE	TRANSITION LENGTH		REVEAL (IN)	
		STATION	OFFSET			HIGH SIDE	LOW SIDE	HIGH SIDE	LOW SIDE
MAIN	4-3	208+90	10' RT	5.0'	+0.33%	2.56'	2.17'	2"	2"
MAIN	6-1	217+00	10' RT	5.0'	-0.68%	2.56'	2.17'	2"	2"



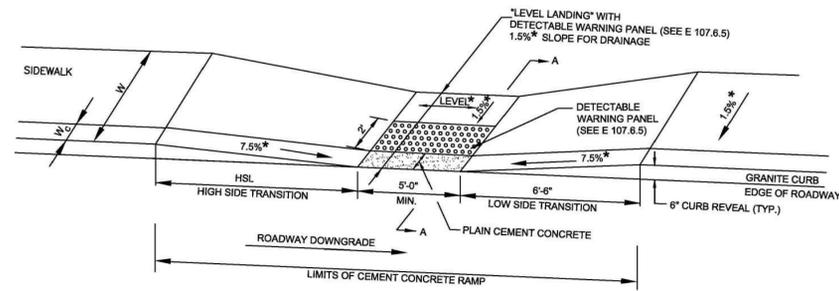
* = TOLERANCE FOR CONSTRUCTION ±0.5%

PEDESTRIAN CURB RAMP - TYPE 9

ROADWAY	PCR #	RAMP REFERENCE POINT		WIDTH OF RAMP ENTRANCE 4.0' (MIN)	ROADWAY GUTTER SLOPE	TRANSITION LENGTH		REVEAL (IN)
		STATION	OFFSET			HIGH SIDE	LOW SIDE	
SOUTH	1-7	104+49	21' LT	5.0'	LEVEL	3.25'	-	3"
MAIN	3-3	200+17	21' RT	5.0'	+3.62%	4.67'	-	2"
MAIN	4-1	208+68	17' LT	4.0'	+0.99%	-	5.25'	4"

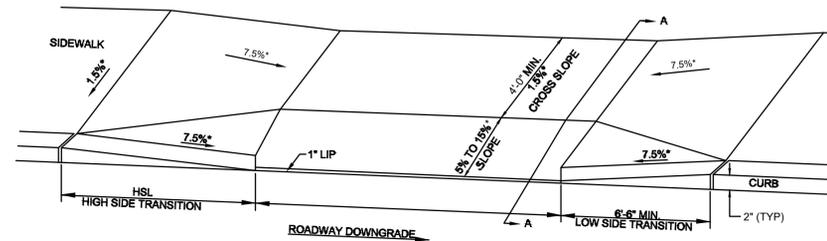
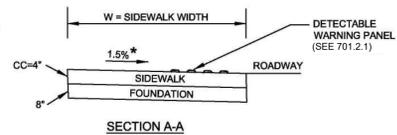
STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	TAP-SR55(001)X	53	71
PROJECT FILE NO.		610670	

CONSTRUCTION DETAILS - 3



LEGEND
HSL = HIGH SIDE TRANSITION LENGTH (SEE 701.2.8)
W = SIDEWALK WIDTH
W_c = CURB WIDTH
CC = CEMENT CONCRETE
* = TOLERANCE FOR CONSTRUCTION ±0.5%
USABLE SIDEWALK WIDTH PER AAB = W-W_c
USABLE SIDEWALK WIDTH PER AAB IS NOT TO BE LESS THAN 4'-0"
SEE E 107.6.5 FOR DETAILS OF DETECTABLE WARNING PANEL

NOTE:
ROADWAY, GUTTER, AND FIRST 6" OF SIDEWALK TO BE ADJUSTED FOR FIELD CONDITIONS

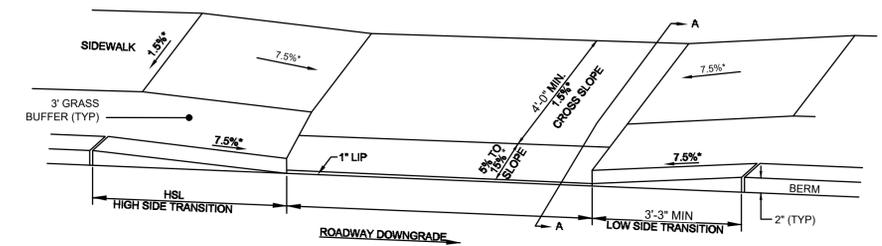


LEGEND
HSL = HIGH SIDE TRANSITION LENGTH. (SEE 701.2.8)
W = SIDEWALK WIDTH
* = TOLERANCE FOR CONSTRUCTION ±0.5%
CC = CEMENT CONCRETE
HMA = HOT MIX ASPHALT

NOTE:
THE CURB REVEAL SHALL BE A MINIMUM OF 3" WHERE NEEDED TO PROPERLY TRANSITION FROM DRIVEWAY TO PEDESTRIAN CURB RAMP (CR).

DRIVEWAY - TYPE 1

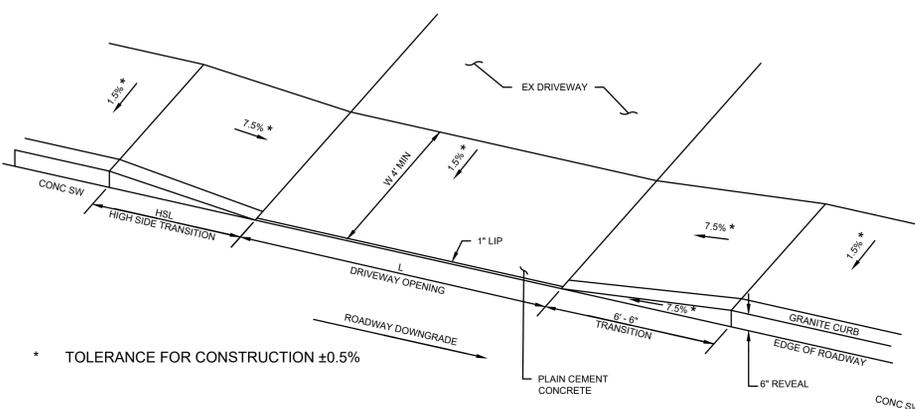
ROADWAY	DRIVEWAY NUMBER	RAMP REFERENCE POINT		ROADWAY GUTTER SLOPE	TRANSITION LENGTH		CURB REVEAL (IN)	
		STATION	OFFSET		HIGH SIDE	LOW SIDE	HIGH SIDE	LOW SIDE
SOUTH	2-1	106+54	9' RT	-1.89%	9.00'	6.50'	6"	6"
SOUTH	2-2	108+91	10.5' RT	0.00%	6.50'	6.50'	6"	6"
SOUTH	2-3	110+10	10.5' RT	-3.00%	14.00'	6.50'	6"	6"
SISSON	7-1	52+83	11' LT	-0.13%	4.50'	6.50'	3"	6"
SISSON	7-2	54+71	11' LT	-0.18%	7.67'	6.50'	6"	6"
SISSON	7-3	55+14	11' LT	+0.15%	7.67'	6.50'	6"	6"
SISSON	7-4	56+38	11' LT	-0.63%	7.67'	6.50'	6"	6"
SISSON	8-1	57+77	11' LT	+3.83%	14.00'	6.50'	6"	6"
SISSON	8-2	60+79	11' LT	+2.80%	11.00'	6.50'	6"	6"
SISSON	10-1	68+89	11' RT	+0.86%	7.67'	5.41'	6"	5"
SISSON	10-2	69+24	11' RT	+0.70%	6.50'	6.50'	5"	6"



LEGEND
HSL = HIGH SIDE TRANSITION LENGTH. SEE E 107.9.0
W = SIDEWALK WIDTH
* = TOLERANCE FOR CONSTRUCTION ±0.5%
CC = CEMENT CONCRETE
HMA = HOT MIX ASPHALT

DRIVEWAY - TYPE 2 (BERM AND GRASS BUFFER)

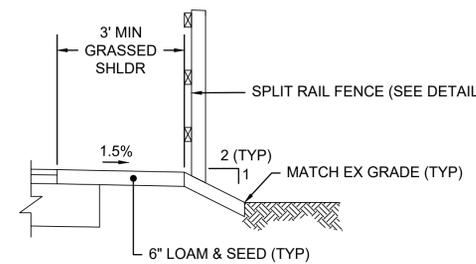
ROADWAY	DRIVEWAY NUMBER	RAMP REFERENCE POINT		ROADWAY GUTTER SLOPE	TRANSITION LENGTH		CURB REVEAL (IN)	
		STATION	OFFSET		HIGH SIDE	LOW SIDE	HIGH SIDE	LOW SIDE
MAIN	3-1	203+52	10' RT	+2.94%	5.50'	3.25'	2"	2"
MAIN	4-1	205+36	10' RT	-0.95%	3.75'	3.25'	2"	2"
MAIN	4-2	208+30	10' RT	+1.43%	4.50'	3.25'	2"	2"
MAIN	4-3	209+57	10' RT	-0.80%	3.75'	3.25'	2"	2"
MAIN	5-1	211+38	10' RT	-0.84%	3.75'	3.25'	2"	2"
MAIN	5-2	212+64	10' RT	-1.20%	4.50'	3.25'	2"	2"
MAIN	5-3	213+73	10' RT	0.00%	3.25'	3.25'	2"	2"
MAIN	6-1	215+68	10' RT	0.00%	3.25'	3.25'	2"	2"
MAIN	6-2	216+04	10' RT	+0.13%	3.75'	3.25'	2"	2"
MAIN	6-3	217+85	10' RT	-0.70%	3.75'	3.25'	2"	2"
MAIN	10-3	221+15	13' RT	+1.1%	4.50'	3.25'	2"	2"



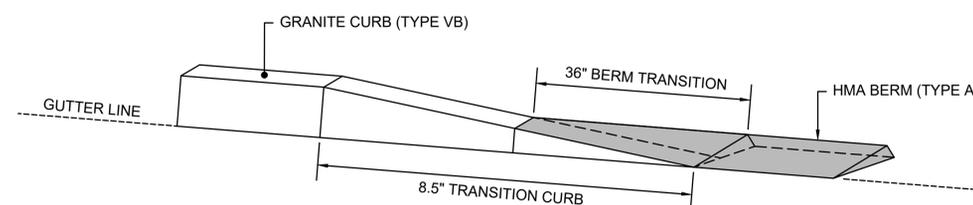
* TOLERANCE FOR CONSTRUCTION ±0.5%

DRIVEWAY - TYPE 3

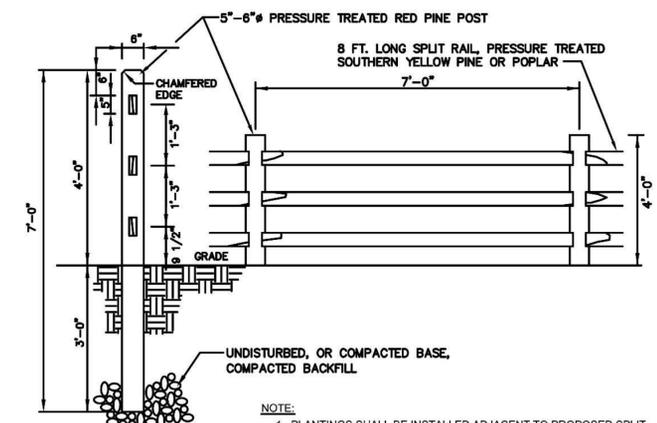
ROADWAY	DRIVEWAY NUMBER	RAMP REFERENCE POINT		ROADWAY GUTTER SLOPE	TRANSITION LENGTH		CURB REVEAL (IN)	
		STATION	OFFSET		HIGH SIDE	LOW SIDE	HIGH SIDE	LOW SIDE
MAIN	3-2	204+50	10' RT	+0.75%	7.67'	6.5'	-	6"



TYPICAL SECTION WITH SPLIT RAIL FENCE
NOT TO SCALE



GRANITE CURB TRANSITION TO HMA BERM
NOT TO SCALE

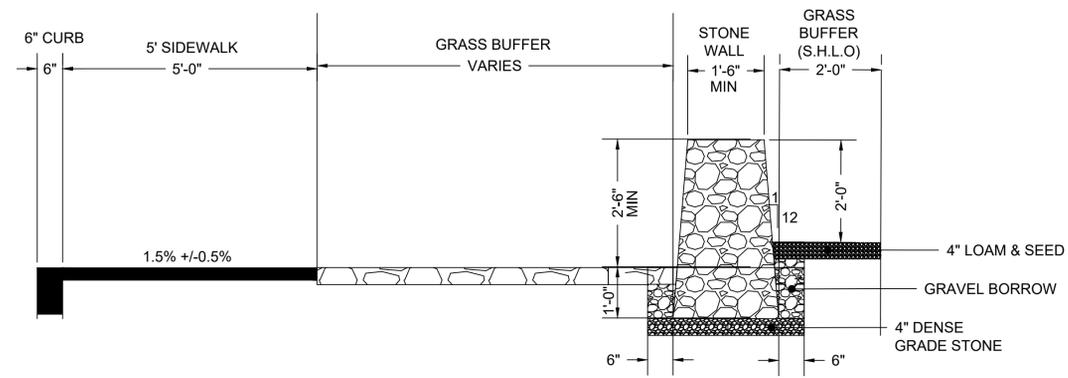


NOTE:
1. PLANTINGS SHALL BE INSTALLED ADJACENT TO PROPOSED SPLIT RAIL WOOD FENCE AS LOCATED IN THE FIELD BY DCR LANDSCAPE ARCHITECT AND AS DIRECTED BY THE ENGINEER.

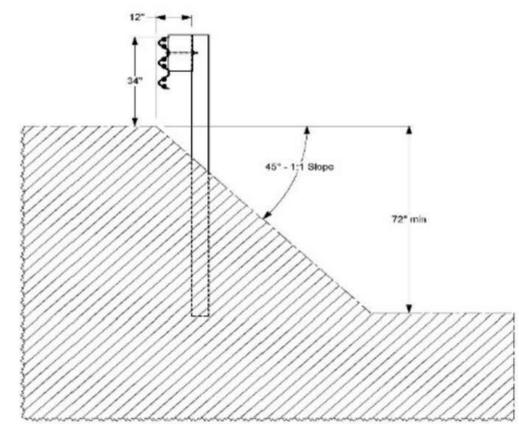
SPLIT RAIL FENCE DETAILS
NOT TO SCALE

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	TAP-SRS5(001)X	54	71
PROJECT FILE NO.		610670	

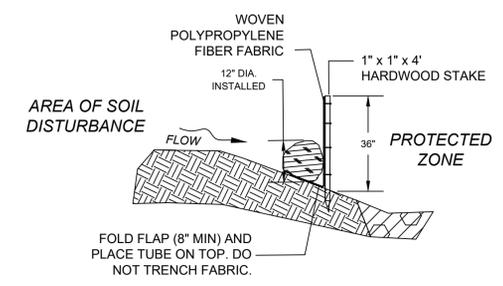
CONSTRUCTION DETAILS - 4



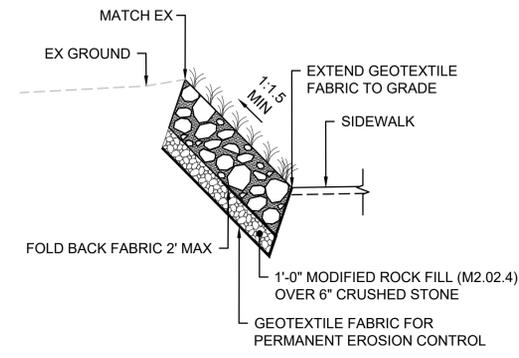
BALANCED STONE WALL
NOT TO SCALE



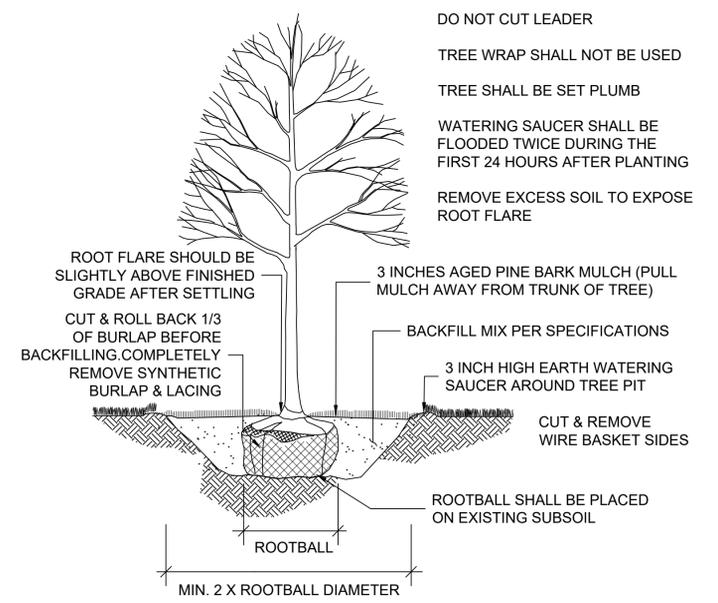
**THREE-BEAM GUARDRAIL INSTALLATION
TL-3 (DEEP POST)**
NOT TO SCALE



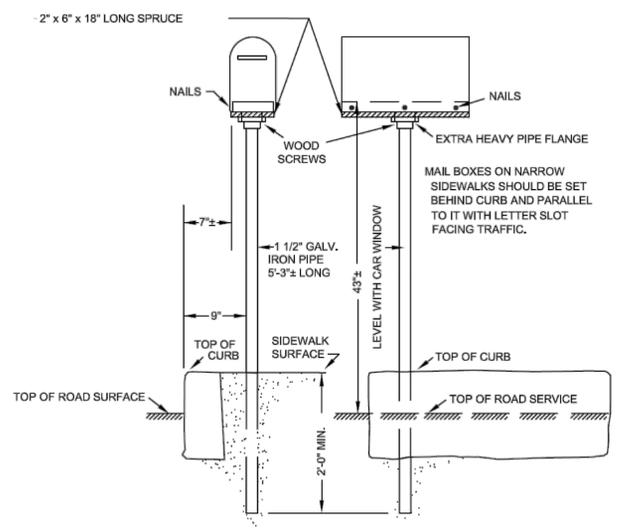
SECTION
COMPOST FILTER TUBE & SILT FENCE
NOT TO SCALE



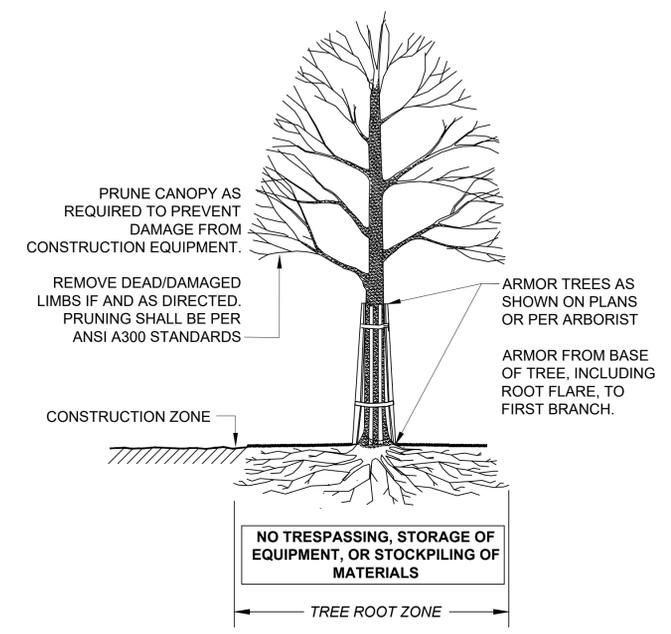
MODIFIED ROCK FILL SLOPE
NOT TO SCALE



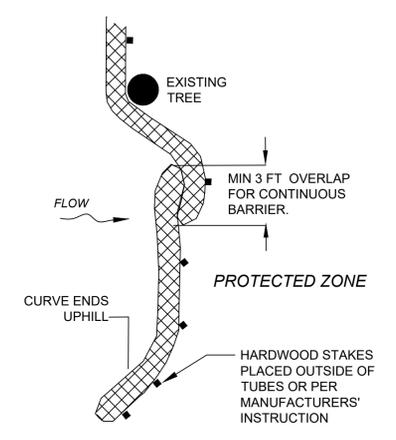
DECIDUOUS TREE PLANTING
NOT TO SCALE



SETTING RURAL MAILBOX (PARALLEL TO ROADWAY)
NOT TO SCALE

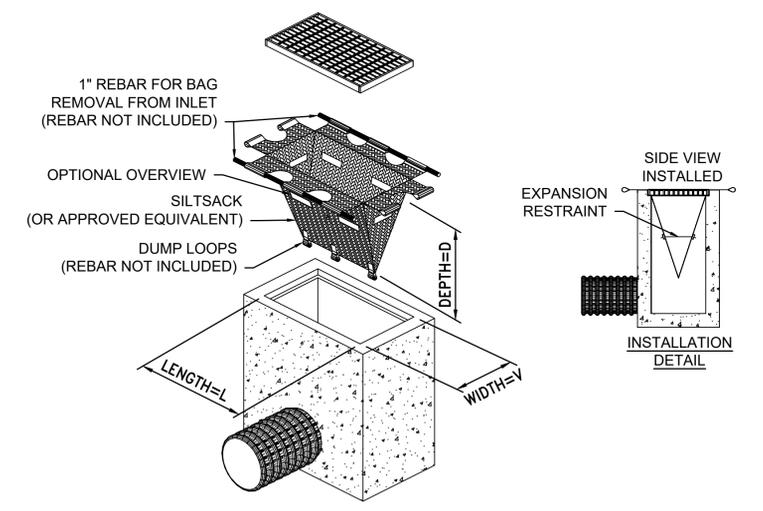


SECTION - TRUNK ARMORING & PRUNING
TREE PROTECTION - TRUNK
NOT TO SCALE

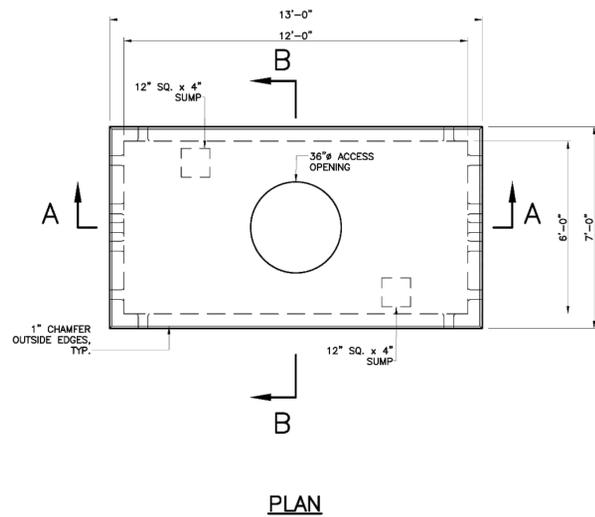


PLACE TUBE ALONG CONTOURS AND PERPENDICULAR TO FLOW.
PLACE AS CLOSE TO LIMIT OF SOIL DISTURBANCE AS POSSIBLE
ADJUST LOCATION AS REQUIRED FOR OPTIMUM EFFECTIVENESS.
DO NOT INSTALL IN WATERWAYS.
PLACE STAKES AS NEEDED TO SECURE TUBES IN PLACE.

COMPOST FILTER TUBE
NOT TO SCALE



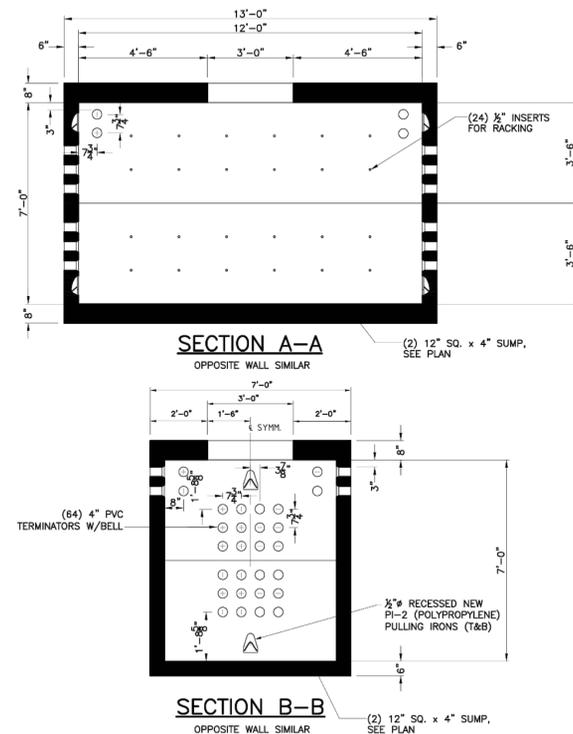
TEMPORARY INLET PROTECTION
NOT TO SCALE



- NOTES:
1. CONCRETE: 5,000 PSI MINIMUM AFTER 28 DAYS.
 2. DESIGN LOADING: AASHTO HS20-44, 0 TO 5 FEET COVER.
 3. STEEL REINFORCEMENT CONFORMS TO ASTM A615, GRADE 60.
 4. MINIMUM STEEL COVER 1".

SHEA PRODUCT ID:	MH-6127	FILE NAME:	MH 6X12X7
WEIGHT (LBS.):	36880	DRAWN BY:	L.P.
		DATE:	2/6/2018
		PAGE:	I.C.11-1
773 Salem Street-Wilmington, MA 153 Cranberry Hwy-Rochester, MA 87 Haverhill Road-Amesbury, MA 160 Old Turnpike Rd-Nottingham, NH			

Specifications subject to change without notice



SHEA PRODUCT ID:	MH-6127	FILE NAME:	MH 6X12X7
WEIGHT (LBS.):	36880	DRAWN BY:	L.P.
		DATE:	2/6/2018
		PAGE:	I.C.11-2
773 Salem Street-Wilmington, MA 153 Cranberry Hwy-Rochester, MA 87 Haverhill Road-Amesbury, MA 160 Old Turnpike Rd-Nottingham, NH			

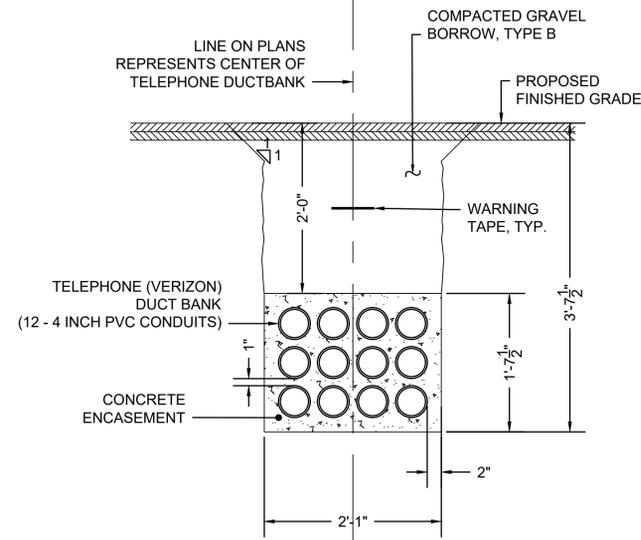
Specifications subject to change without notice

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	TAP-SRS5(001)X	55	71
PROJECT FILE NO.		610670	

CONSTRUCTION DETAILS - 5

UTILITY TRENCH NOTES:

1. ALL CONSTRUCTION OF DUCT BANKS INCLUDING TRENCH, EXCAVATION, AND BACKFILL SHALL CONFORM TO UTILITY DETAILS AND SPECIFICATIONS.
2. FOR ALL DUCTS USE SCHEDULE 40 CONDUITS ENCASED IN 2,500 PSI, 3/8 INCH, 520 CEMENT CONCRETE. USE PLASTIC SPACERS TO MAINTAIN CONDUIT SPACING. SPACERS SHALL MEET UTILITY SPECIFICATIONS FOR DESIGN AND SPACING.
3. ALL TRENCH EXCAVATION ACTIVITIES SHALL COMPLY WITH ALL APPROPRIATE OSHA STANDARDS.
4. TELEPHONE DUCT BANKS WILL HAVE 6 INCH, COLOR ORANGE, DETECTABLE METALLIC WARNING TAPE PLACED 12 INCHES ABOVE EACH CONCRETE ENCASUREMENT.
5. A UTILITY COMPANY REPRESENTATIVE FROM VERIZON SHALL BE PRESENT FOR ALL TELEPHONE CONDUIT INSTALLED.
6. A MINIMUM OF 12 INCHES OF SEPARATION IS REQUIRED FOR CROSSINGS WITH GAS, WATER, SEWER AND DRAINAGE.
7. CONDUITS SHALL BE BLOWN CLEAN USING COMPRESSED AIR. RUN MANDREL THRU EACH CONDUIT TO CONFIRM VIABLE PATHWAY.
8. WOVEN POLYESTER MULE TAPE WITH MINIMUM STRENGTH OF 2500 LB TENSILE STRENGTH TO BE INSTALLED WITHIN EACH CONDUIT.



TELEPHONE TRENCH 12 DUCT

SCALE: 1" = 1'

R-1750 Series Telephone Design Large Manhole Frame, Solid Lid Heavy Duty

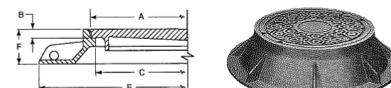
Furnished with machined horizontal and vertical bearing surfaces.

Covers can be bolted to frame with two pentagon head special monral security bolts upon request.

Wrenches available to fit special bolt at extra cost. Advise quantity required.

Catalog No. Standard	Catalog No. Security Bolted	Dimensions in inches						Anchor Bolt Circle*	Grate Alt.
		A	B	C	E	F			
R-1750-A	R-1750-AB	28	1 3/8	24	43	10		R-2200	
R-1750-B	R-1750-BB	28	1 3/8	27	46	10	43-1/2	R-2280	
R-1750-B1	R-1750-B1B	28	1 3/8	27	46	5 5/8	43-1/2	R-2280-A	
R-1750-B2	R-1750-B2B	28	1 3/8	27	46	5 5/8	43-1/2	R-2280-B	
R-1750-C	R-1750-CB	32	1 3/8	30	49	10	43-1/2		
R-1750-C1	R-1750-C1B	32	1 3/8	30	49	5 5/8	43-1/2	R-2290	
R-1750-C1S	R-1750-C1SB	32	1 3/8	30	46	5 5/8	43-1/2	R-2290	
R-1750-CS	R-1750-CSB	32	1 3/8	30	48	10	43-1/2	R-2285	

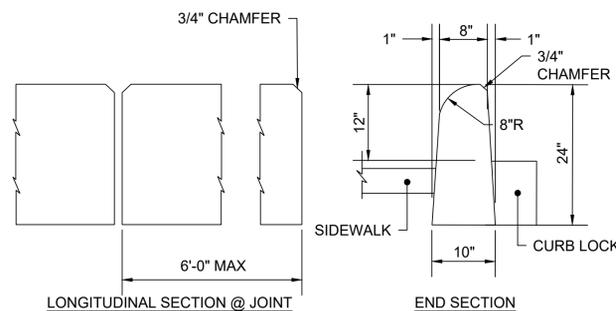
* Furnished standard with four 1" diameter holes in base flange, equally spaced.



Illustrating R-1750-B

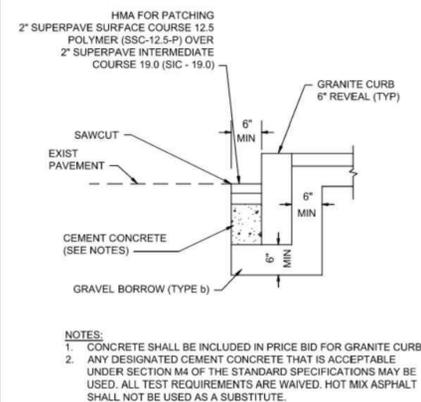
TELEPHONE MANHOLE FRAME

NOT TO SCALE



GRANITE LOT CURB DETAIL

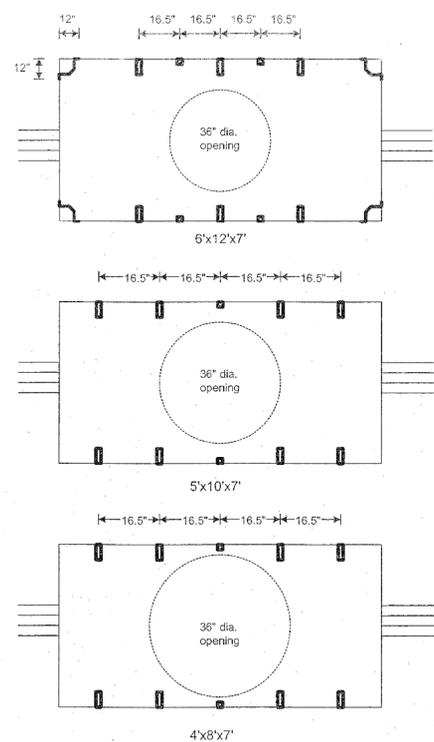
NOT TO SCALE



- NOTES:
1. CONCRETE SHALL BE INCLUDED IN PRICE BID FOR GRANITE CURB.
 2. ANY DESIGNATED CEMENT CONCRETE THAT IS ACCEPTABLE UNDER SECTION M4 OF THE STANDARD SPECIFICATIONS MAY BE USED. ALL TEST REQUIREMENTS ARE WAIVED. HOT MIX ASPHALT SHALL NOT BE USED AS A SUBSTITUTE.

GRANITE CURB IN EXISTING PAVEMENT

SCALE: N.T.S.



PLAN LEGEND

MH 1
W x L x H'

Manhole dimensions as given on plans are inside dimensions.

Typical sizes are:

6'x12'x7'

5'x10'x7'

4'x8'x7'

(Size is dictated by cable sizes and amount of splicing expected at the location)

- B cable rack support
 - ▣ cable racks secured to S cable rack support
 - ▣ cable racks attached directly to wall
- (See included practices for description of cable racking hardware.)

MANHOLE DETAILS

SIGN DETAIL



2.75"	SIGN NUMBER	SP-1
4.5"	WIDTH X HGT.	2'-0" X 2'-6"
1"	BORDER WIDTH	0.63"
4.5"	CORNER RADIUS	1.5"
2"	MOUNTING	GROUND
3.5"	BACKGROUND	TYPE: REFLECTIVE
1"		COLOR: WHITE
3.5"	LEGEND/BORDER	TYPE: REFLECTIVE
2.75"		COLOR: BLACK/BLACK

SYMBOL	ROT	X	Y	WID	HT

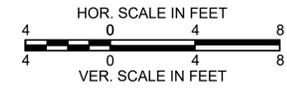
PANEL STYLE: REGULATORY.SSI
DIMENSIONS ARE IN INCHES.TENTHS
LETTER LOCATIONS ARE PANEL EDGE TO LOWER LEFT CORNER

LETTER POSITIONS (X)						LENGTH	SERIES/SIZE
P	R	I	V	A	T	E	C 2000
2.3	5.7	9	10.3	13.3	16.5	19.4	4.5
R	O	A	D				C 2000
5.8	8.8	11.8	15.1				4.5
N	O						C 2000
9.6	12.1						4.5
T	H	R	U				C 2000
7.2	9.4	11.9	14.2				9
T	R	A	F	F	I	C	C 2000
4.5	6.6	8.8	11.4	13.5	15.7	16.6	14.1

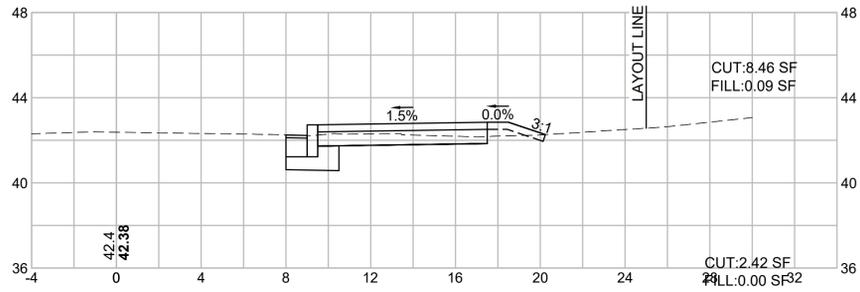
HARWICH
SOUTH STREET, MAIN STREET & SISSON ROAD

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	TAP-SRSS(001)X	56	71
PROJECT FILE NO. 610670			

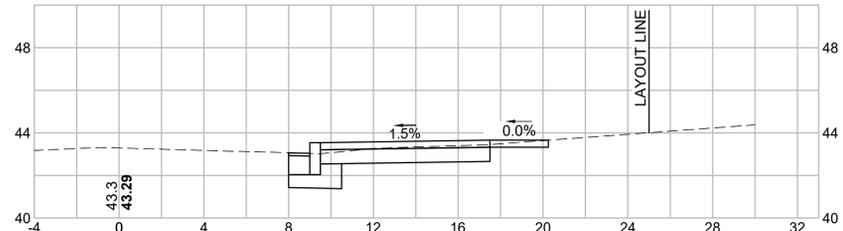
CROSS SECTIONS - 1
SOUTH STREET



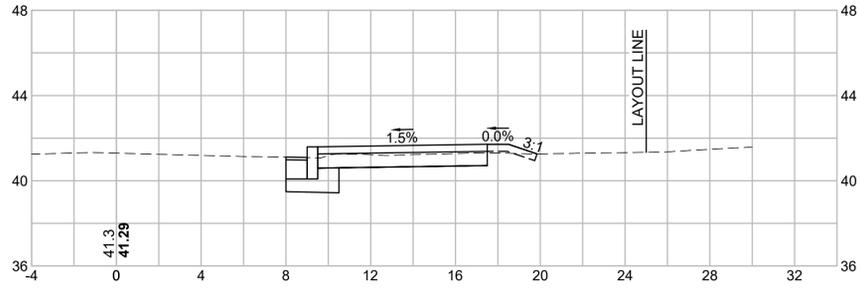
102+50
 (SOUTH STREET)



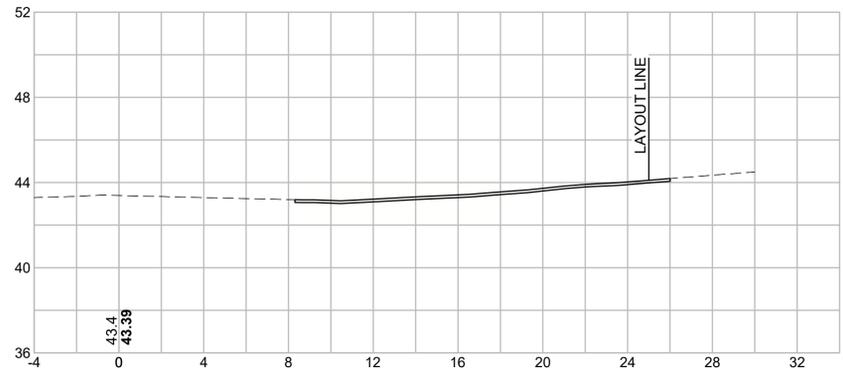
104+40
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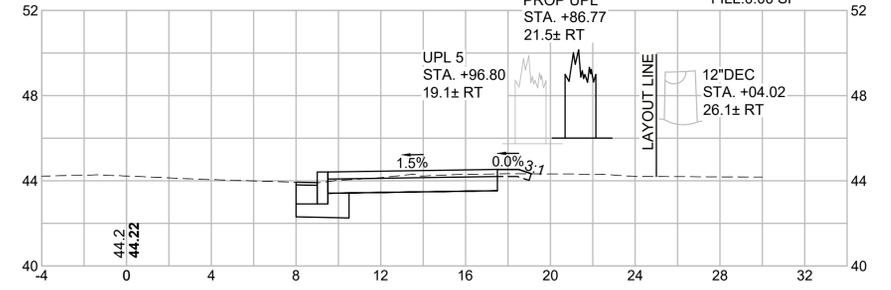
102+00
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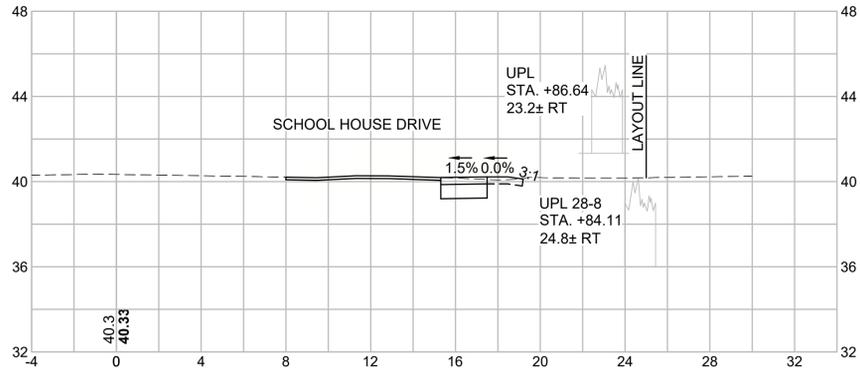
104+00
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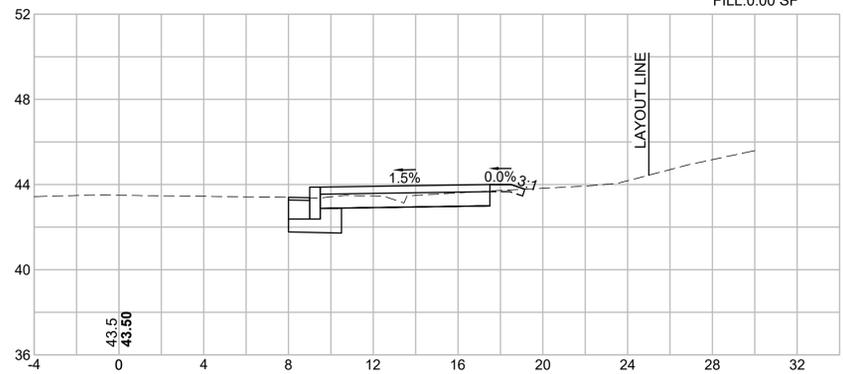
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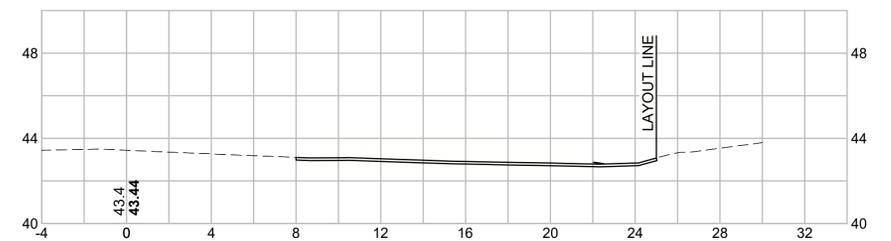
101+50
 (SOUTH STREET)



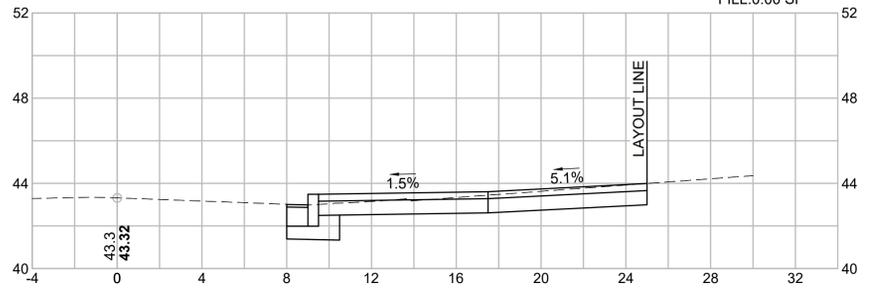
103+50
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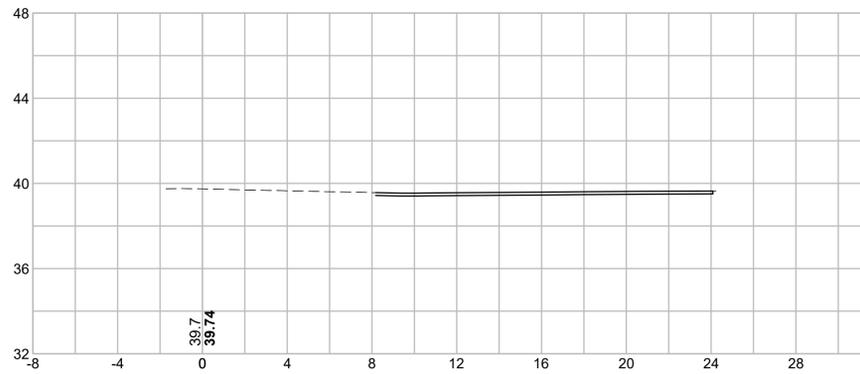
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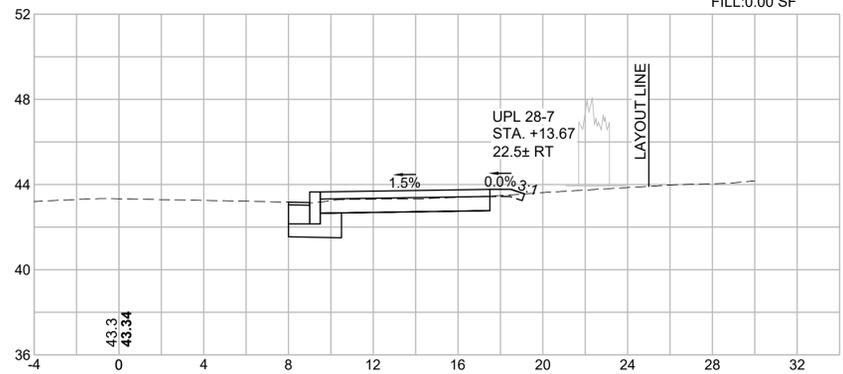
104+81
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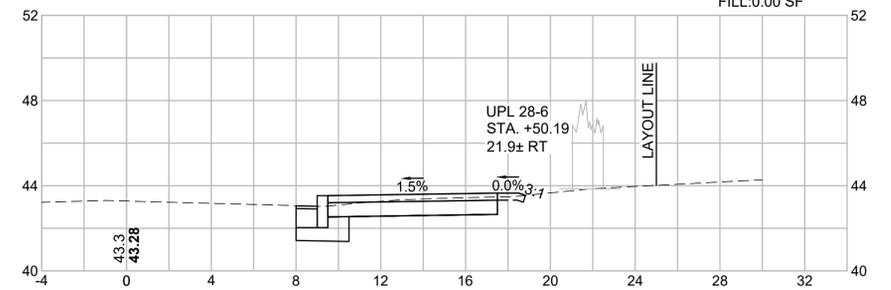
101+15
 (SOUTH STREET)



103+00
 (SOUTH STREET)



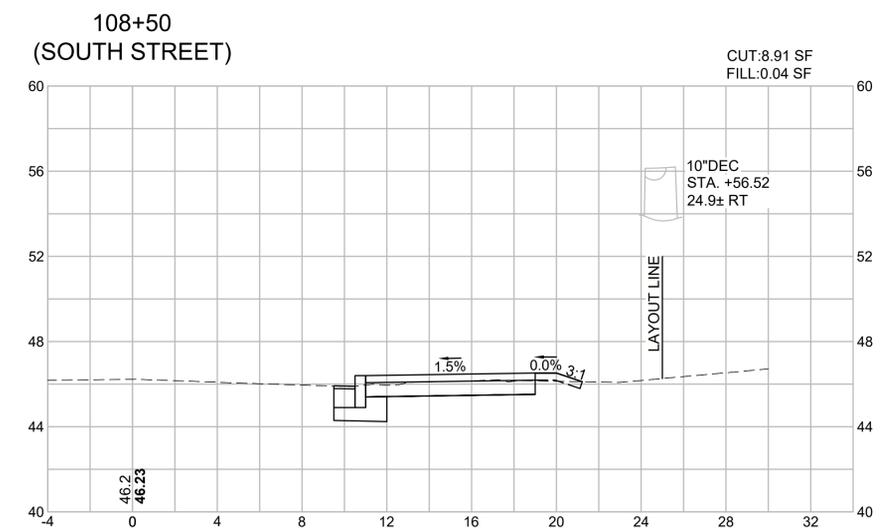
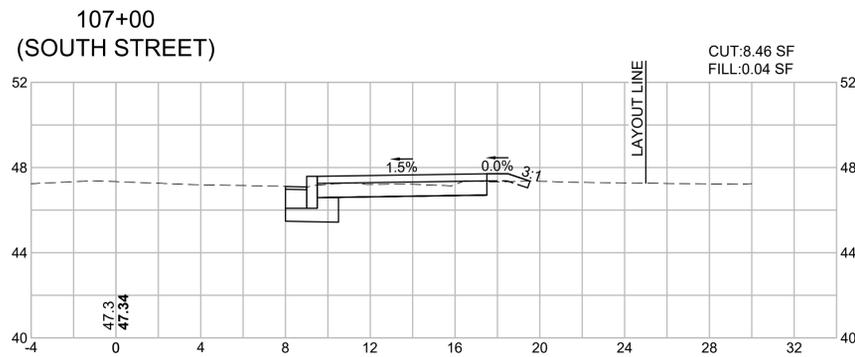
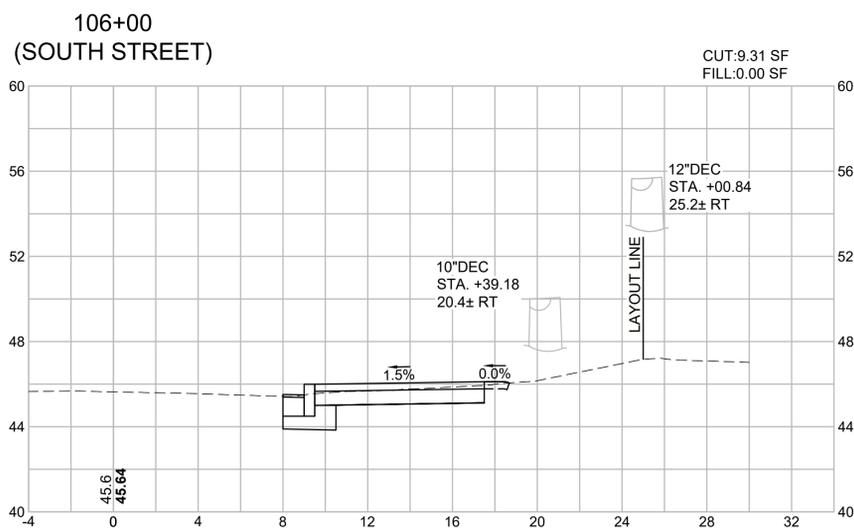
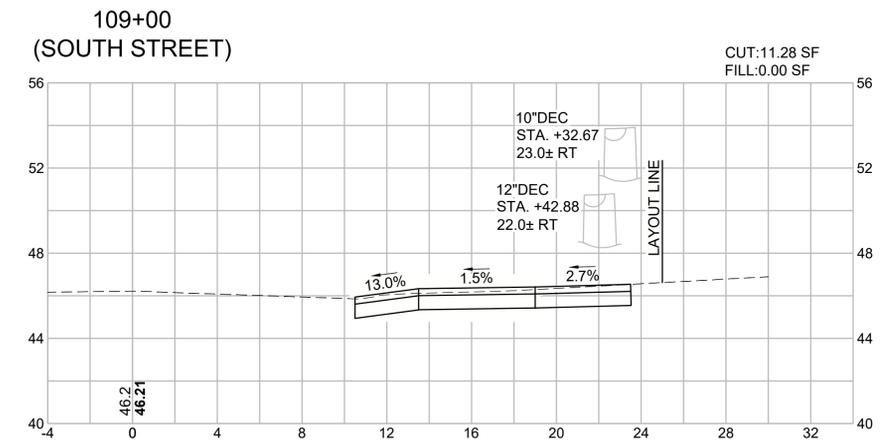
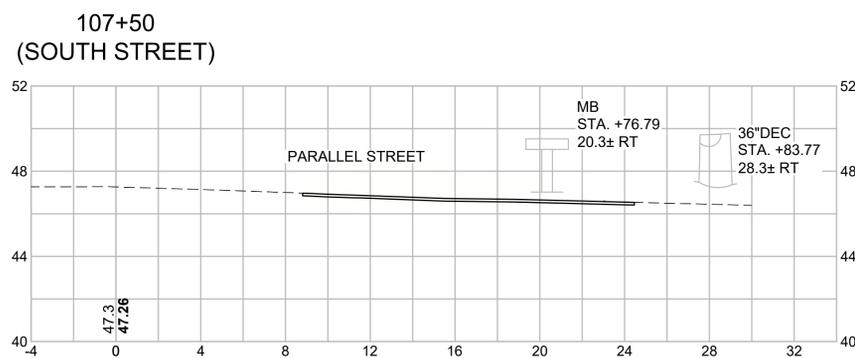
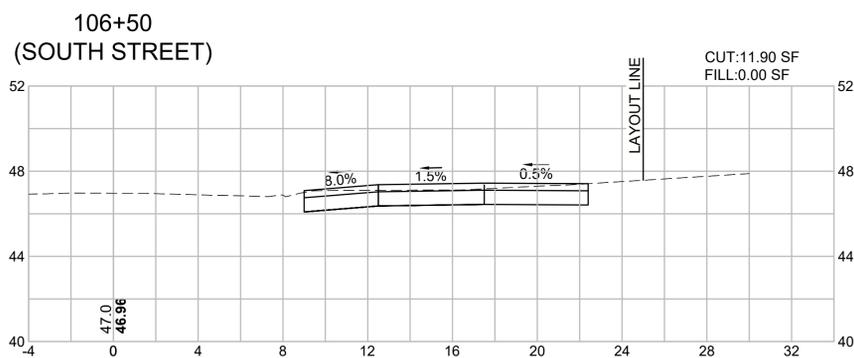
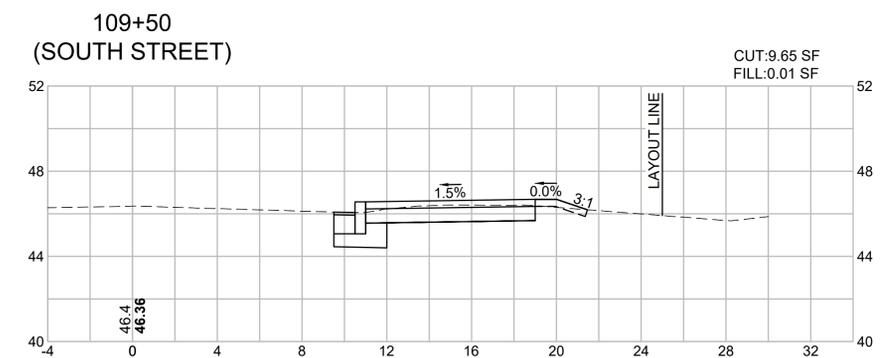
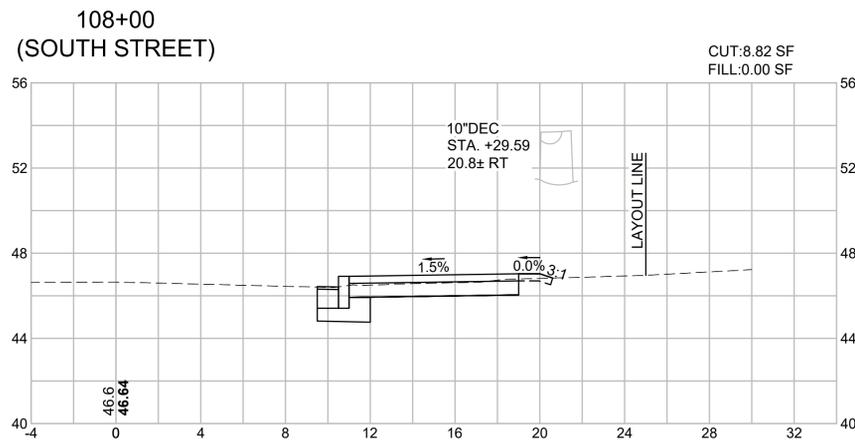
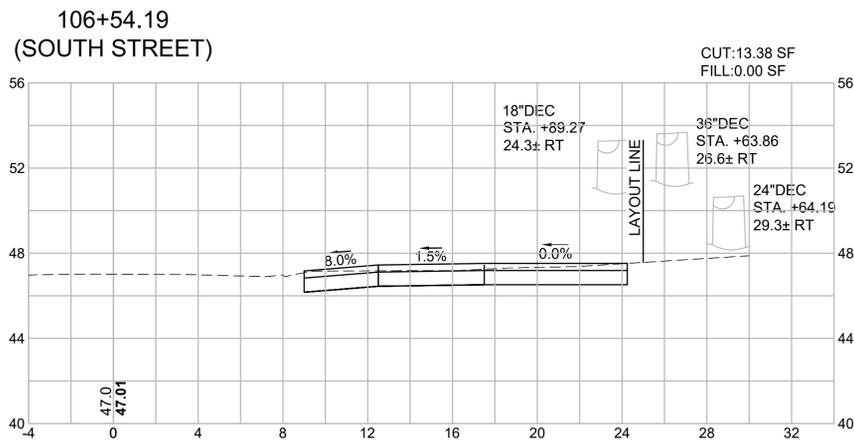
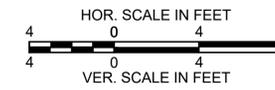
104+50
 (SOUTH STREET)



HARWICH
SOUTH STREET, MAIN STREET & SISSON ROAD

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	TAP-SRSS(001)X	57	71
PROJECT FILE NO. 610670			

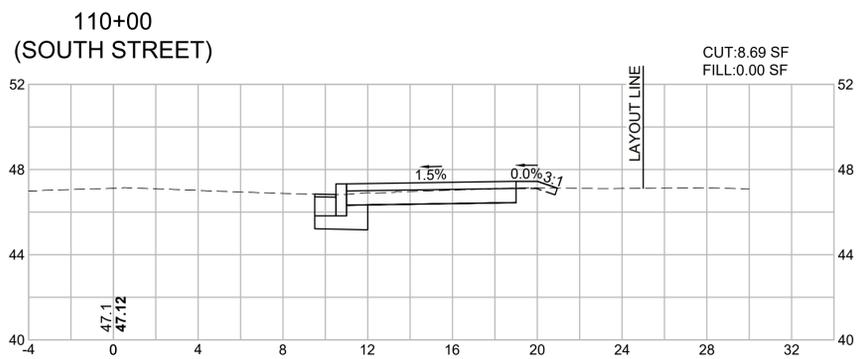
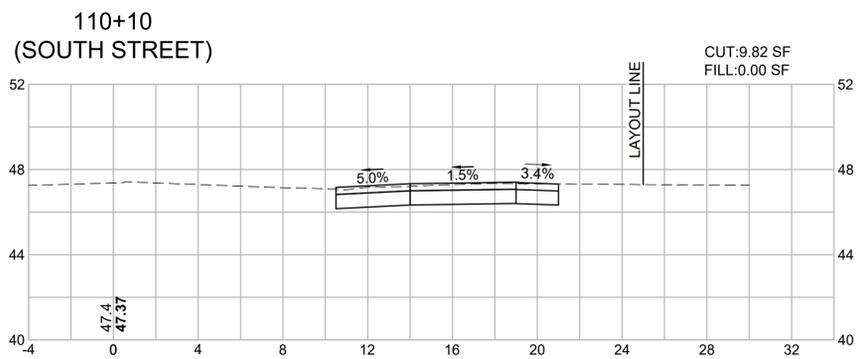
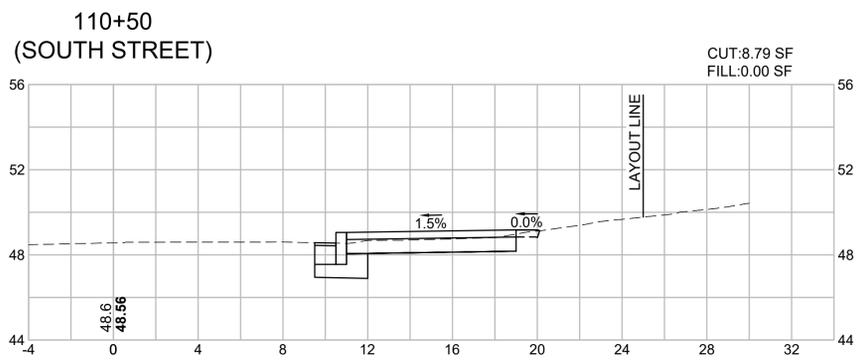
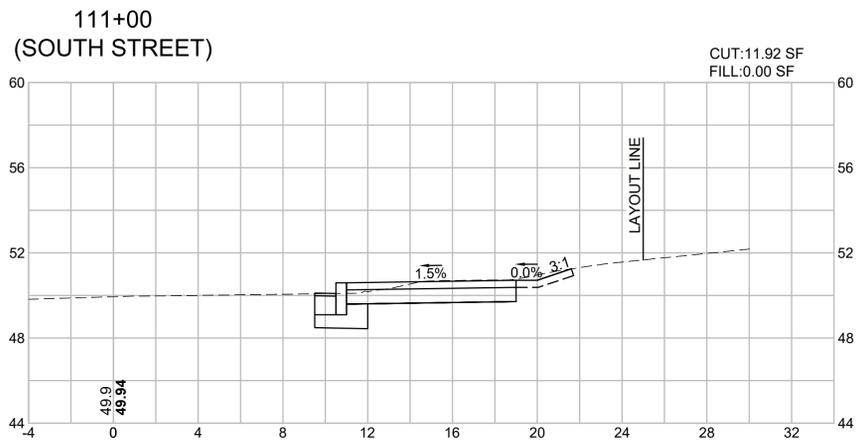
CROSS SECTIONS - 2
SOUTH STREET



HARWICH
SOUTH STREET, MAIN STREET & SISSON ROAD

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	TAP-SRSS(001)X	58	71
PROJECT FILE NO.		610670	

CROSS SECTIONS - 3
SOUTH STREET



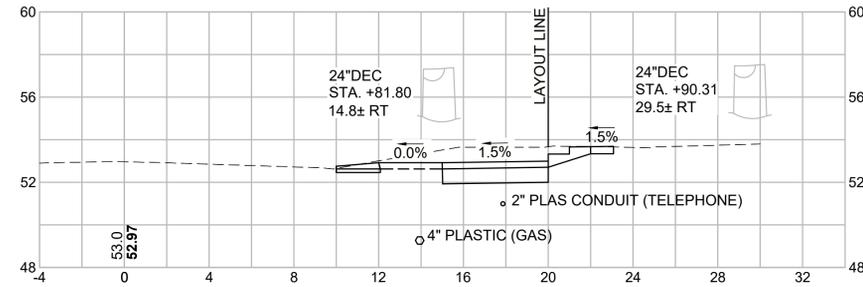
HARWICH
SOUTH STREET, MAIN STREET & SISSON ROAD

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	TAP-SRSS(001)X	59	71
PROJECT FILE NO. 610670			

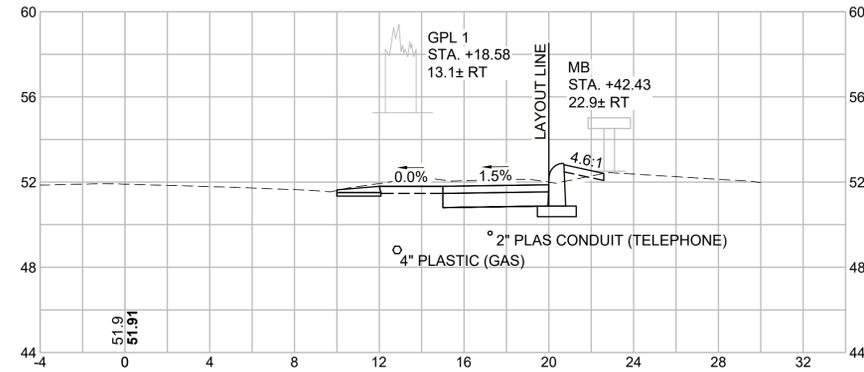
CROSS SECTIONS - 4
MAIN STREET



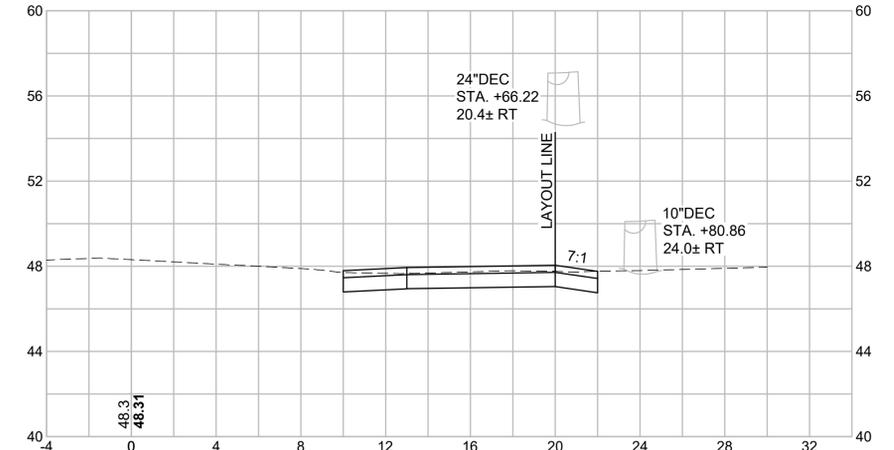
201+58
(MAIN STREET)



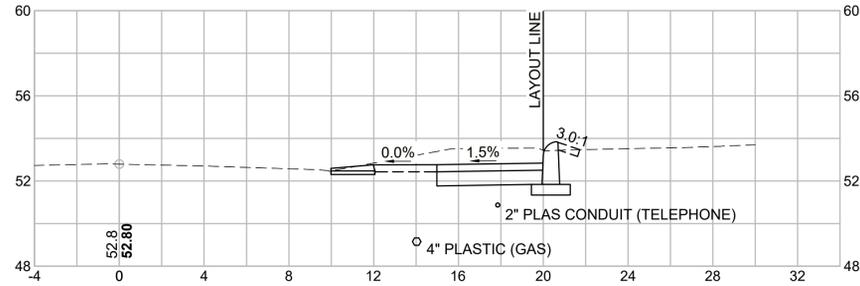
203+00
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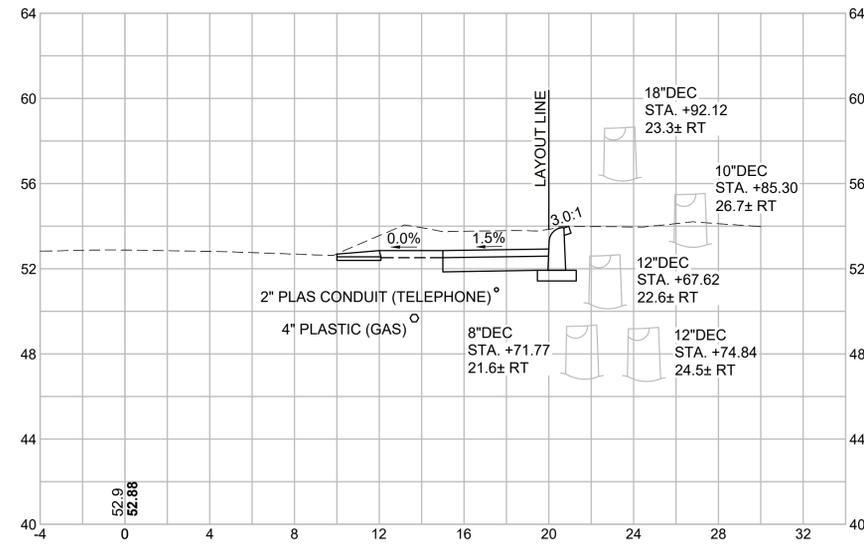
204+50
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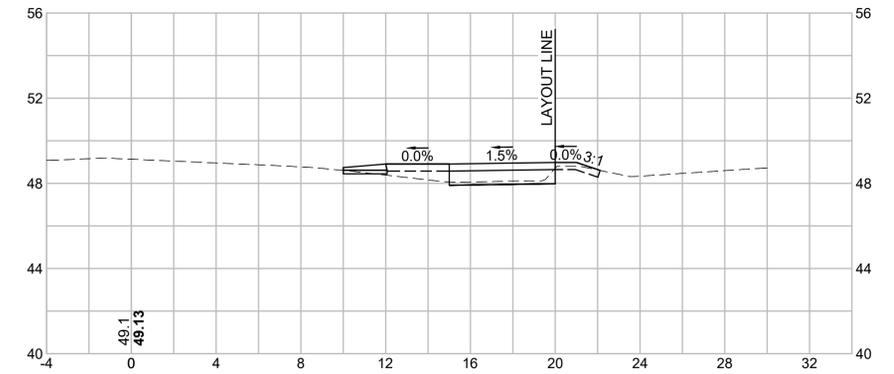
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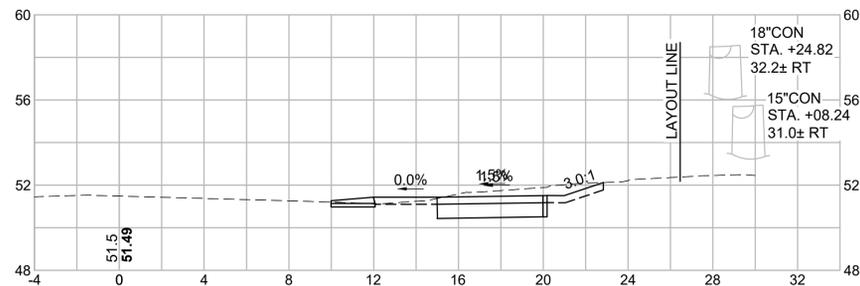
202+50
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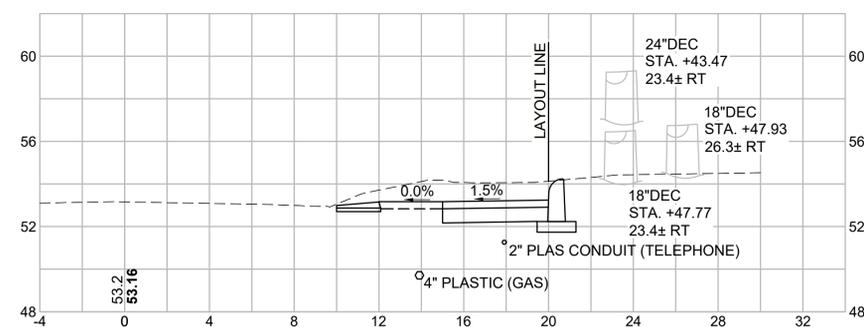
204+00
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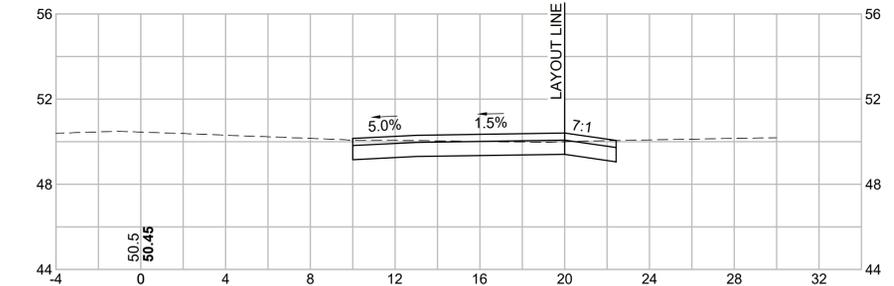
201+00
(MAIN STREET)



202+00
(MAIN STREET)



203+50
(MAIN STREET)



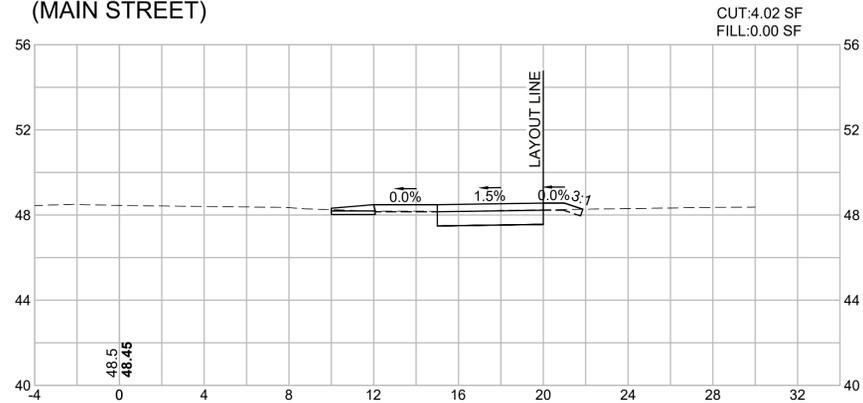
HARWICH
SOUTH STREET, MAIN STREET & SISSON ROAD

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	TAP-SRSS(001)X	60	71
PROJECT FILE NO. 610670			

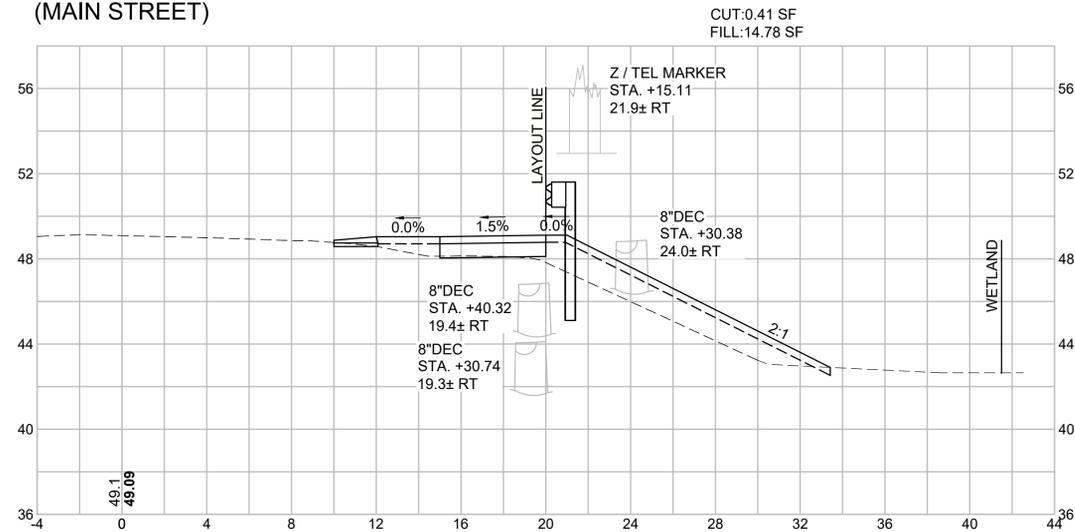
CROSS SECTIONS - 5
MAIN STREET



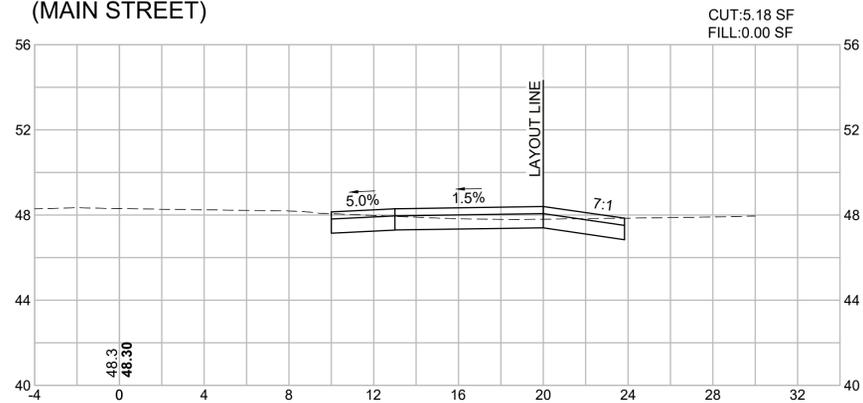
205+50
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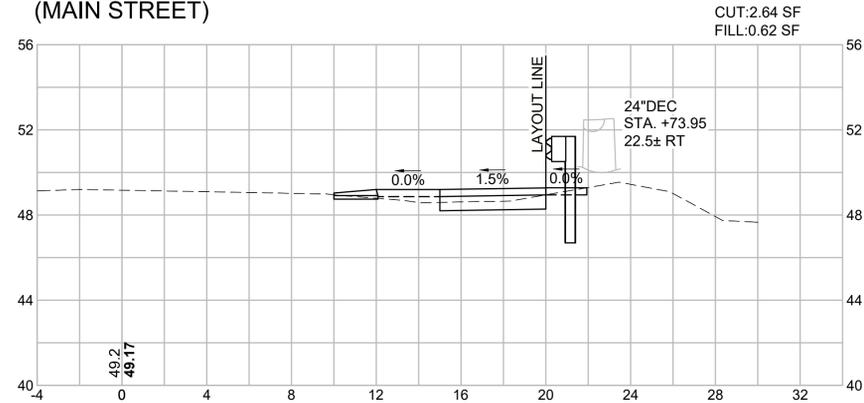
207+00
(MAIN STREET)



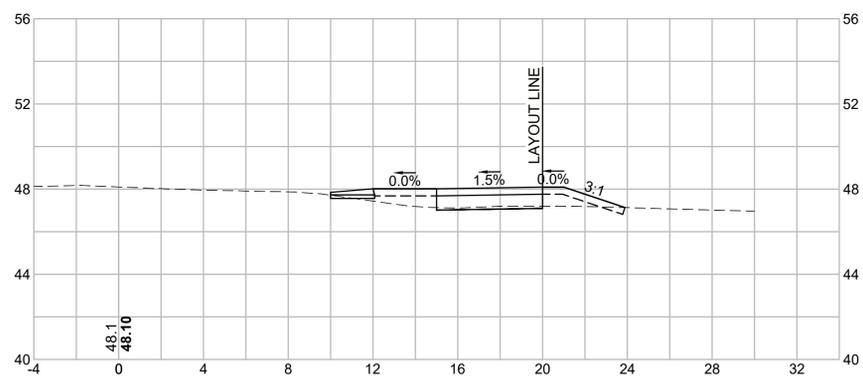
205+35
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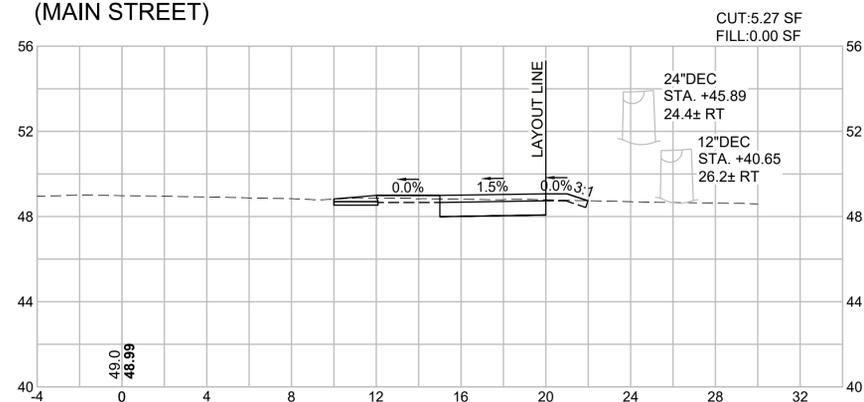
206+50
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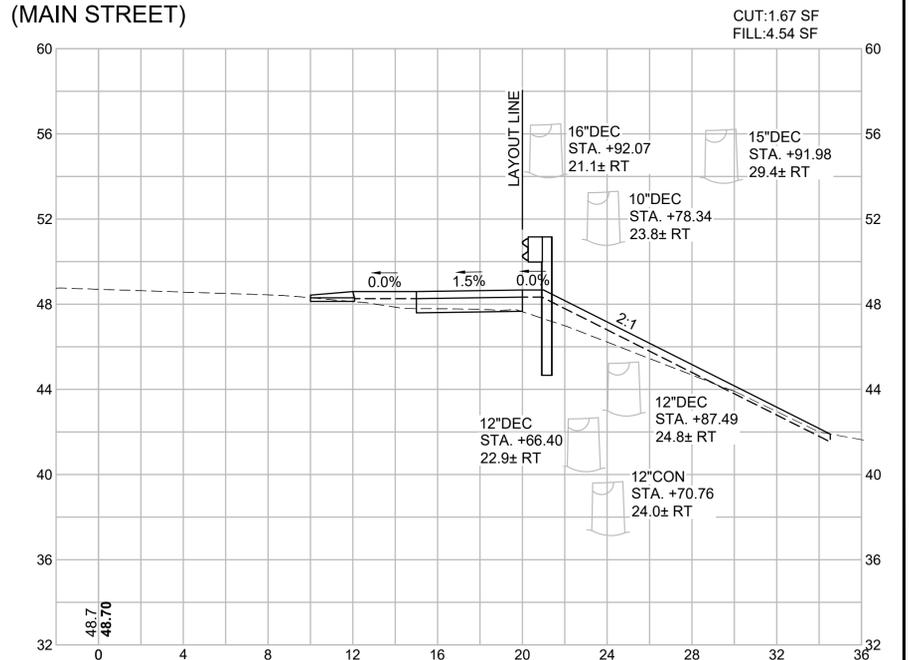
205+00
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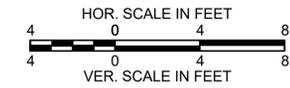
206+00
(MAIN STREET)



207+50
(MAIN STREET)

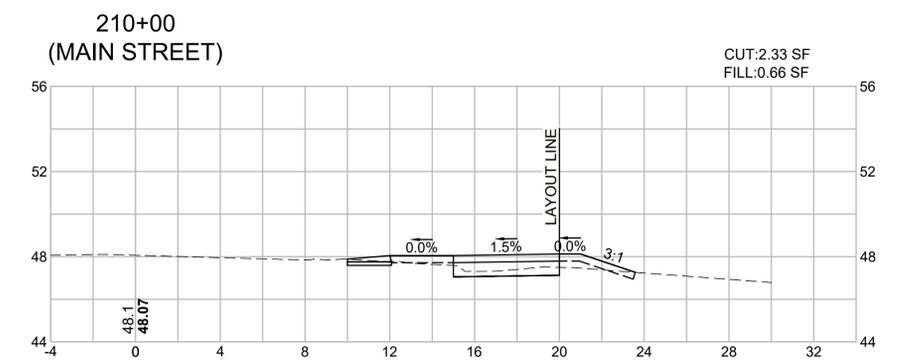
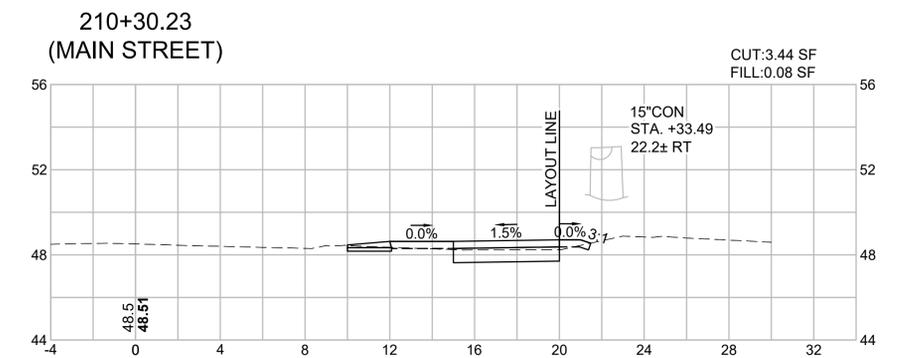
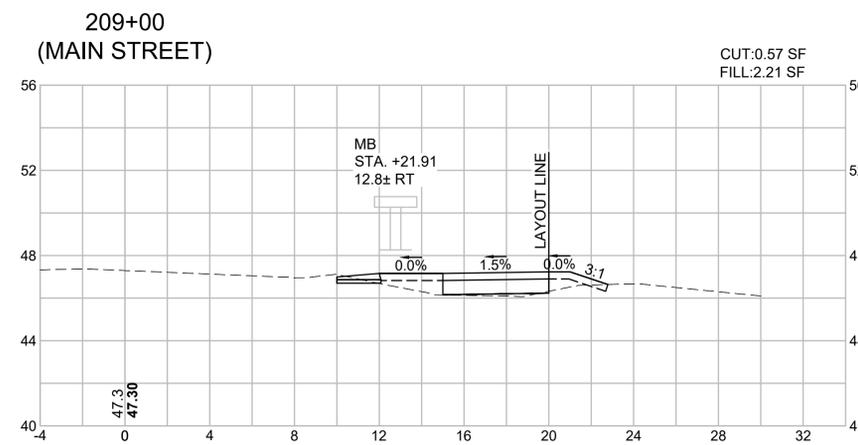
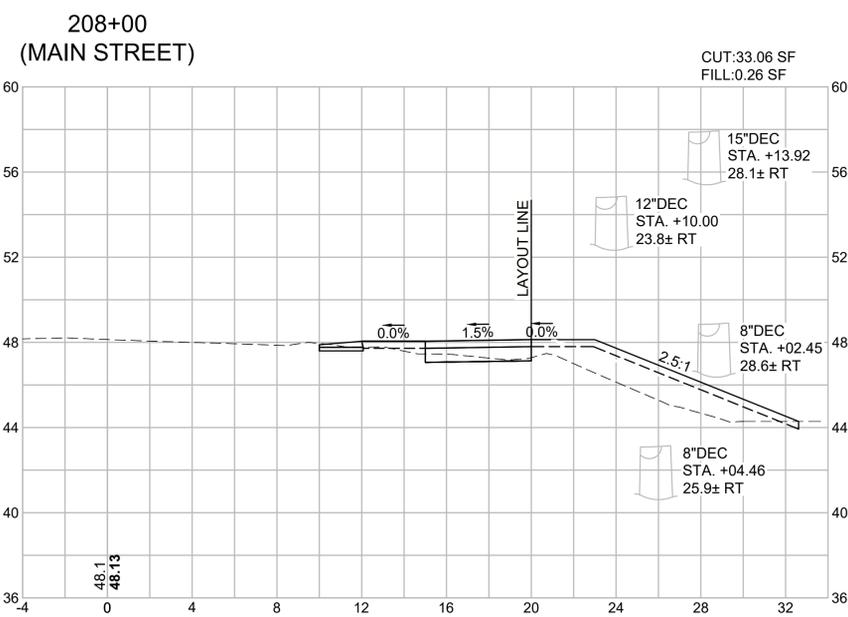
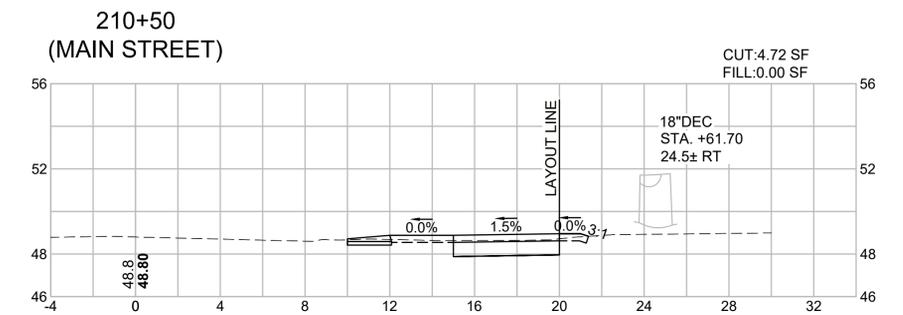
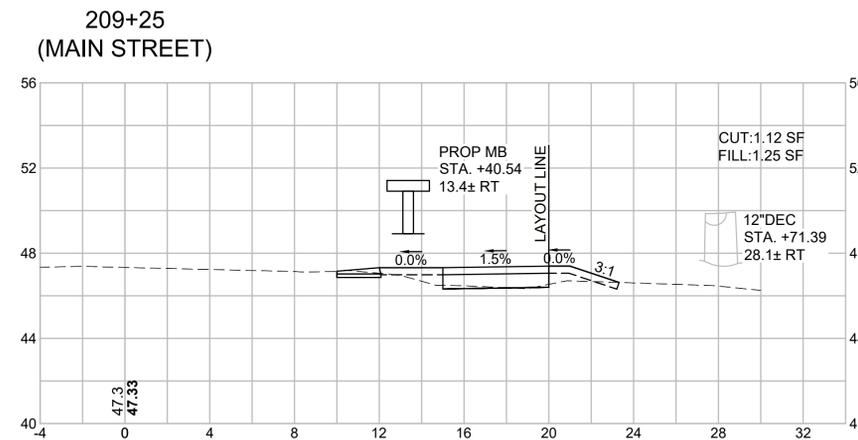
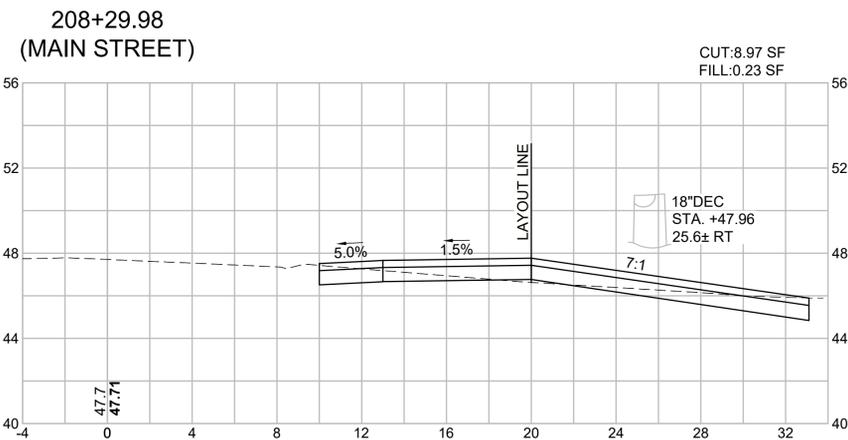
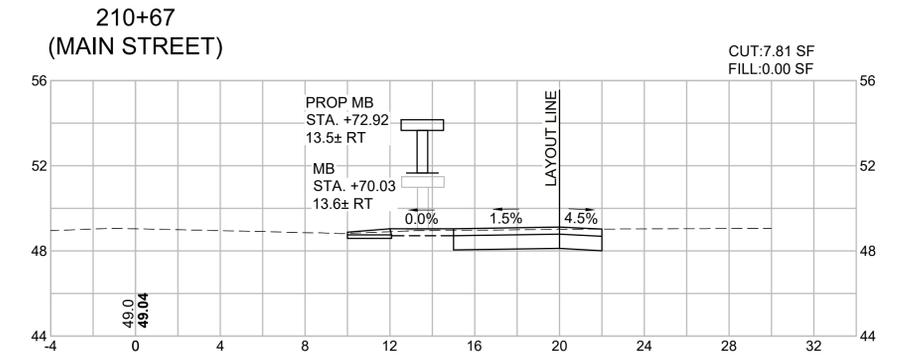
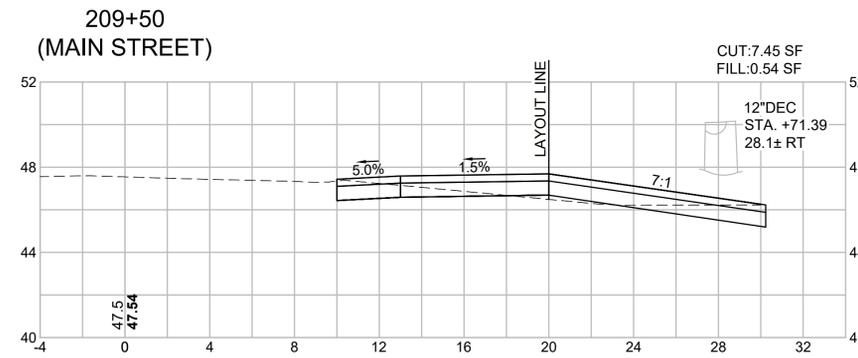
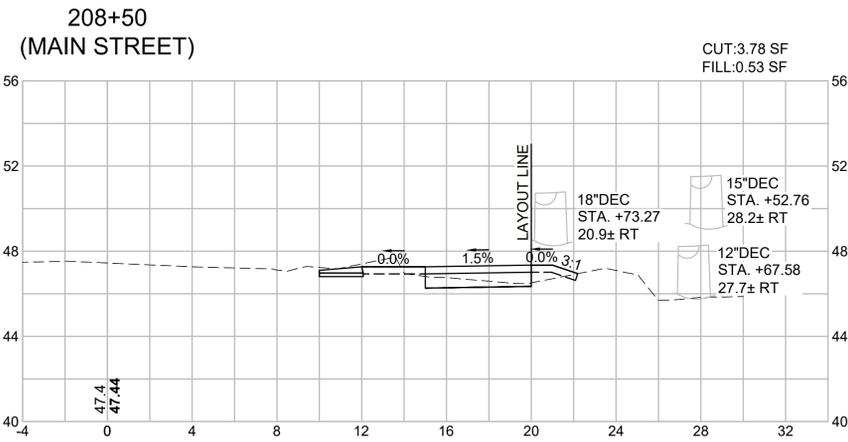


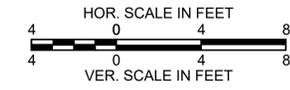
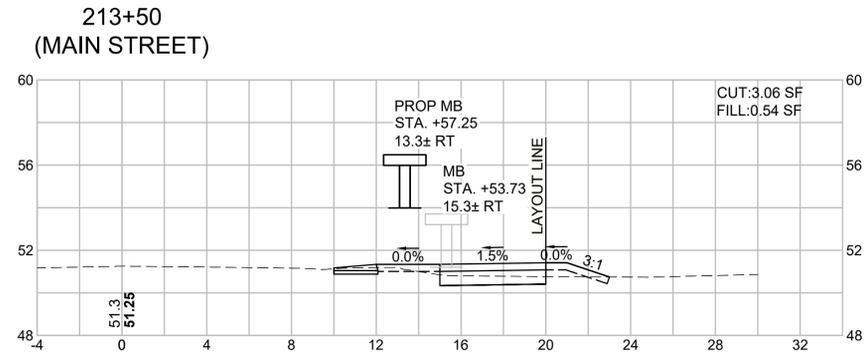
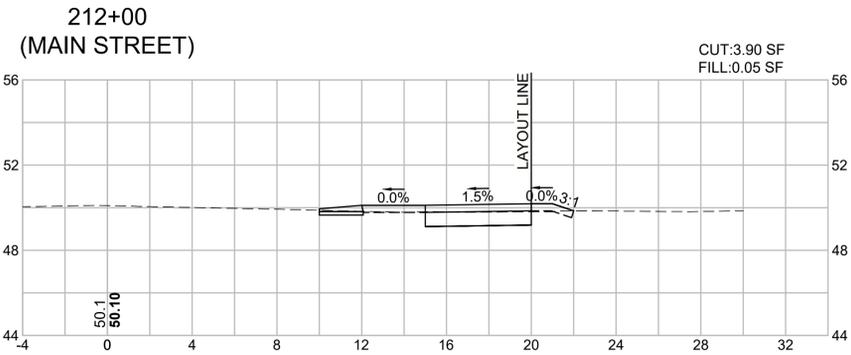
HARWICH
SOUTH STREET, MAIN STREET & SISSON ROAD



STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	TAP-SRSS(001)X	61	71
PROJECT FILE NO.		610670	

CROSS SECTIONS - 6
MAIN STREET

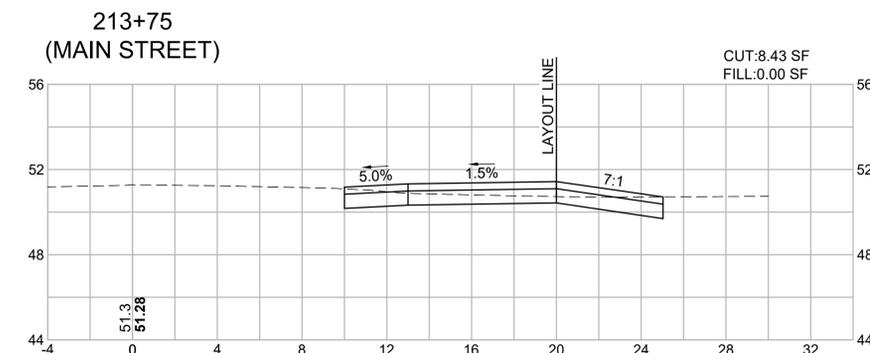
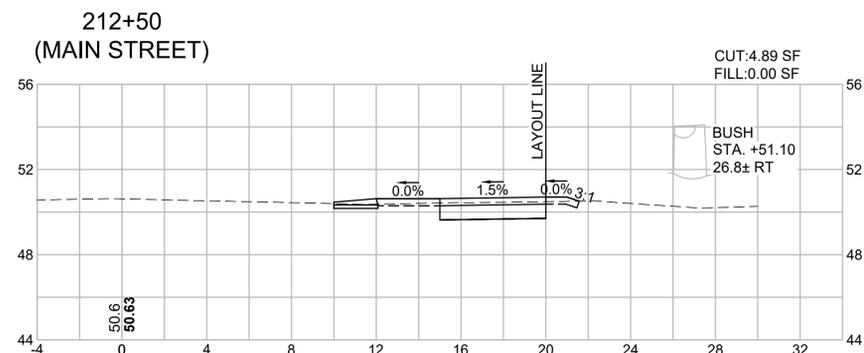
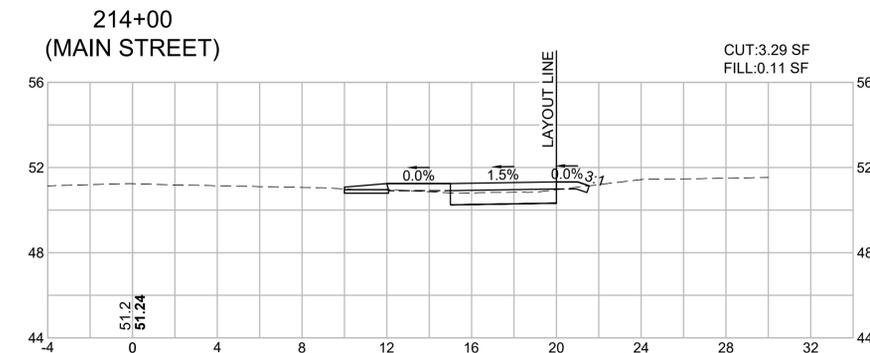
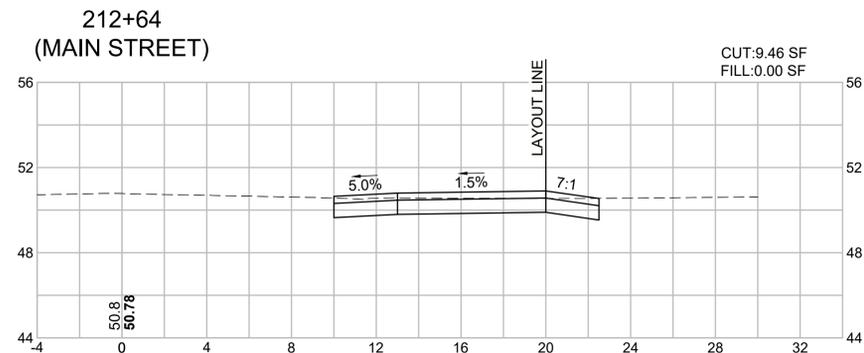
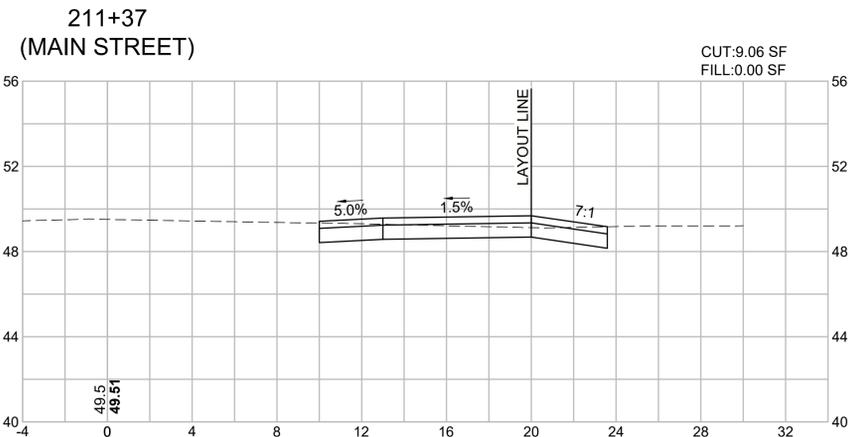
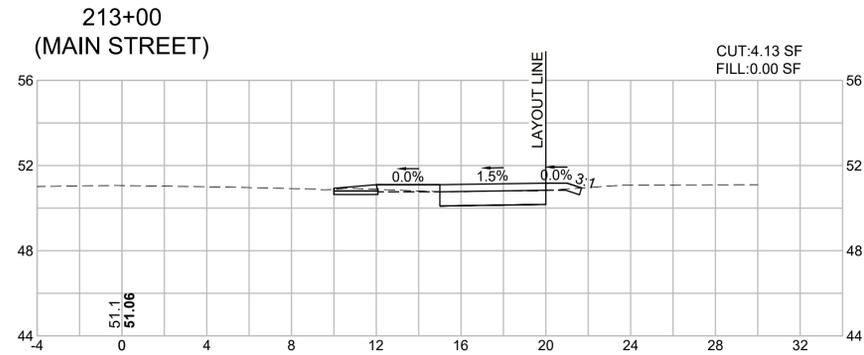
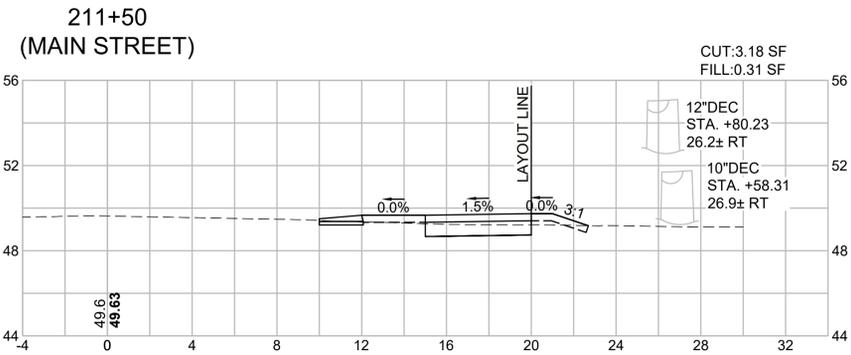




HARWICH
SOUTH STREET, MAIN STREET & SISSON ROAD

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	TAP-SRSS(001)X	62	71
PROJECT FILE NO. 610670			

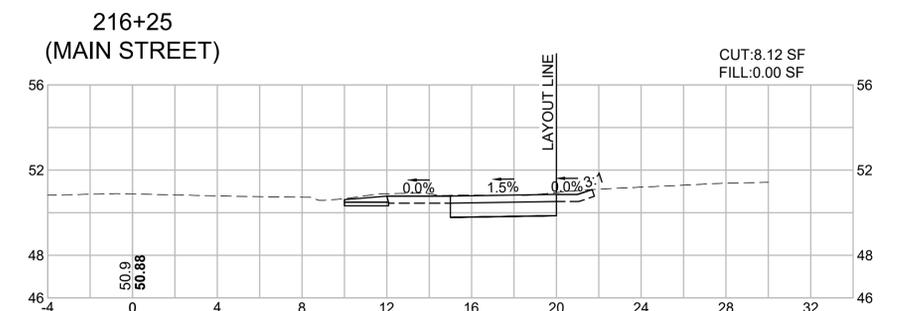
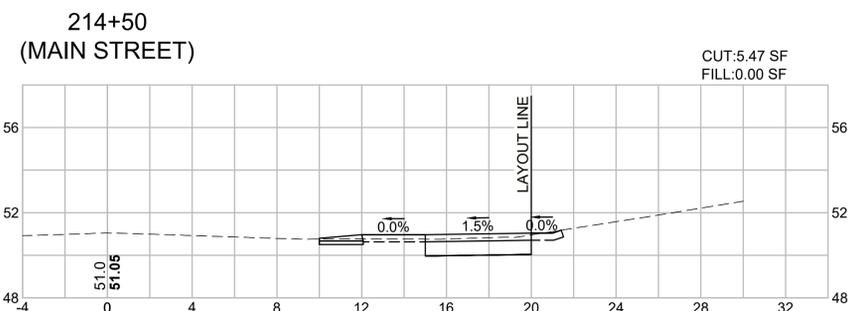
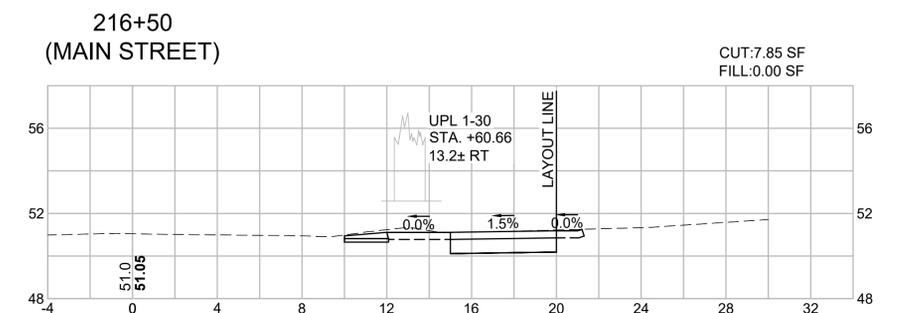
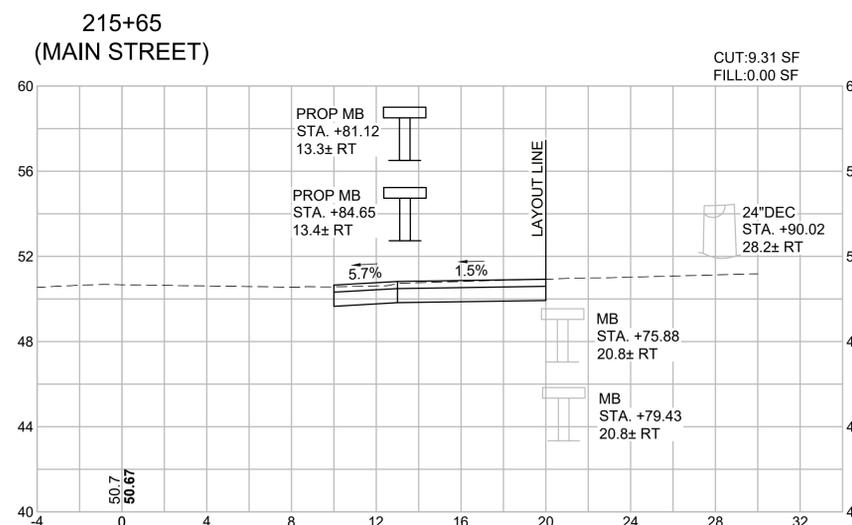
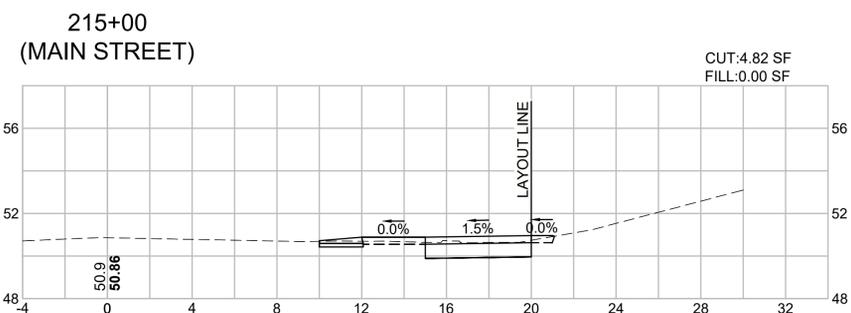
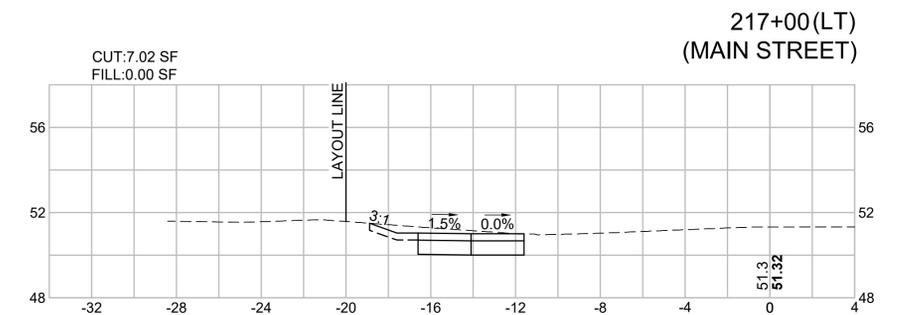
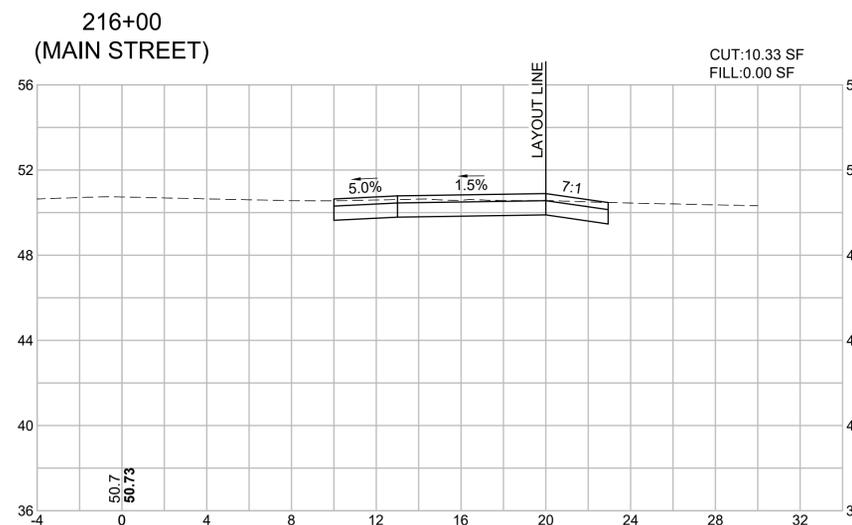
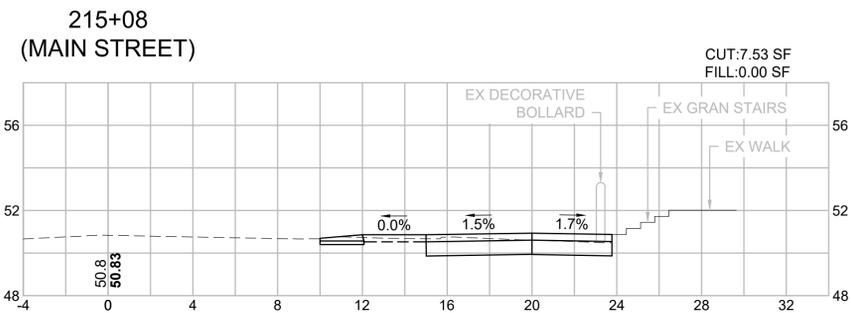
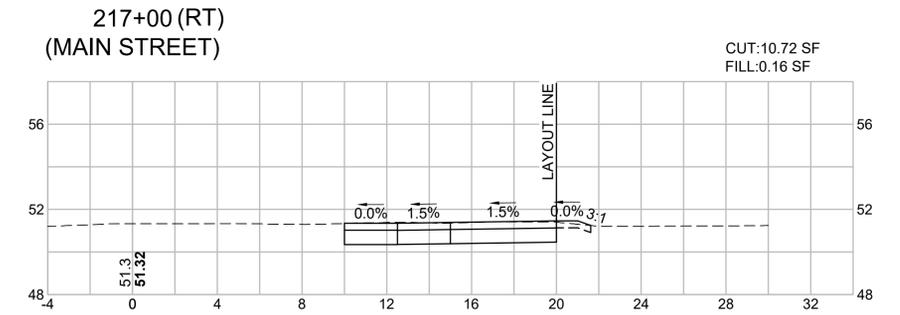
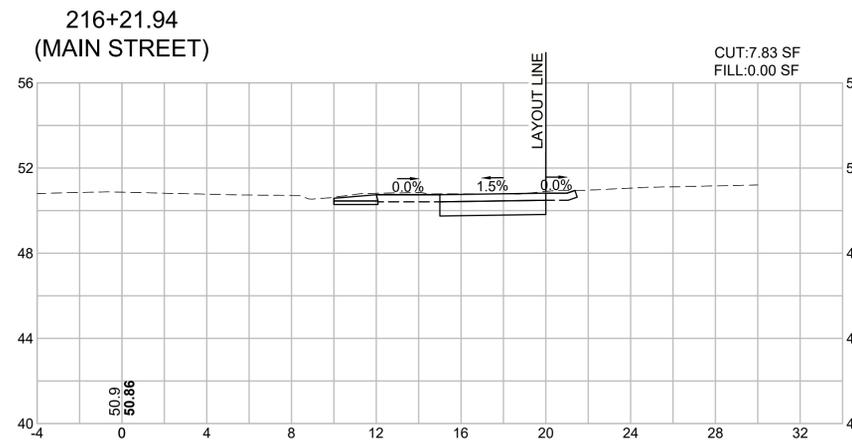
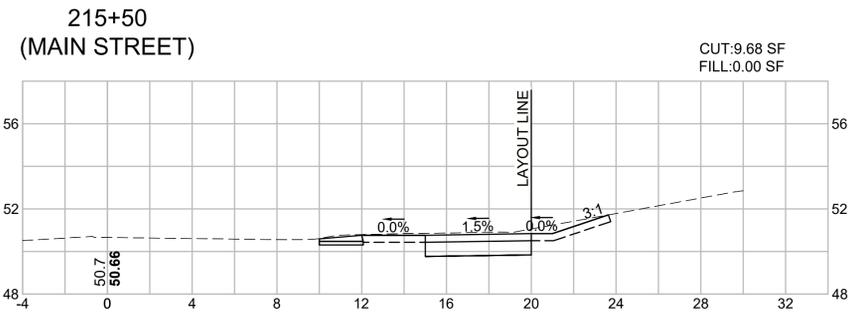
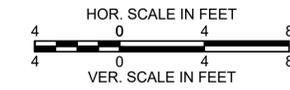
CROSS SECTIONS - 7
MAIN STREET

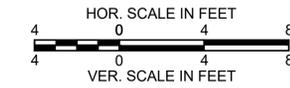
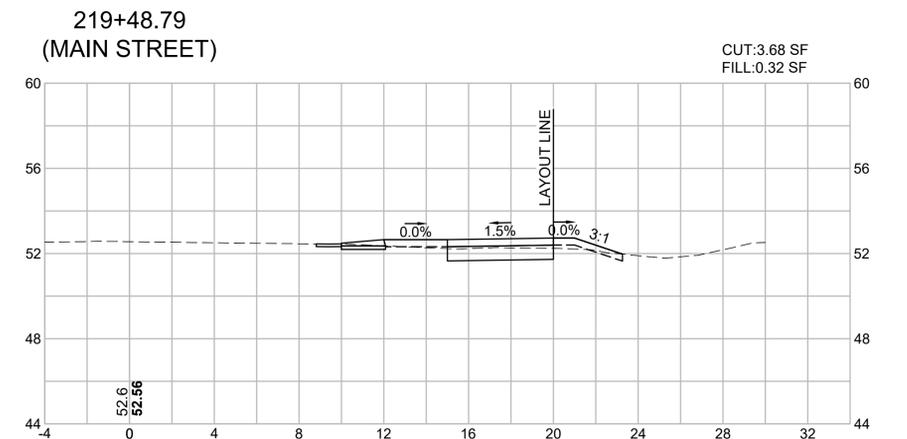
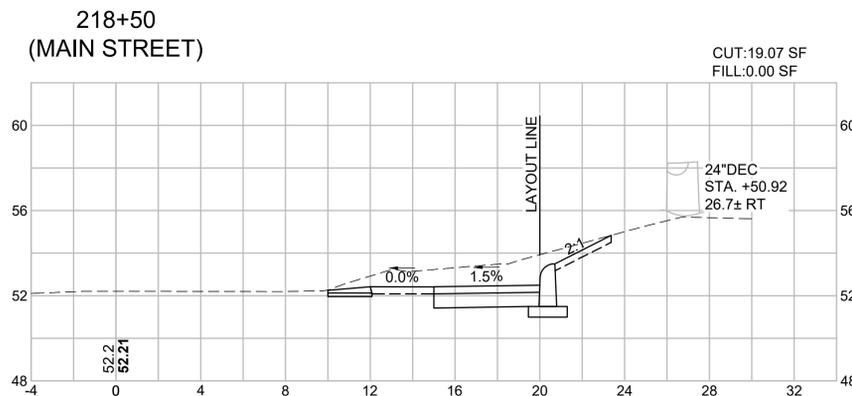
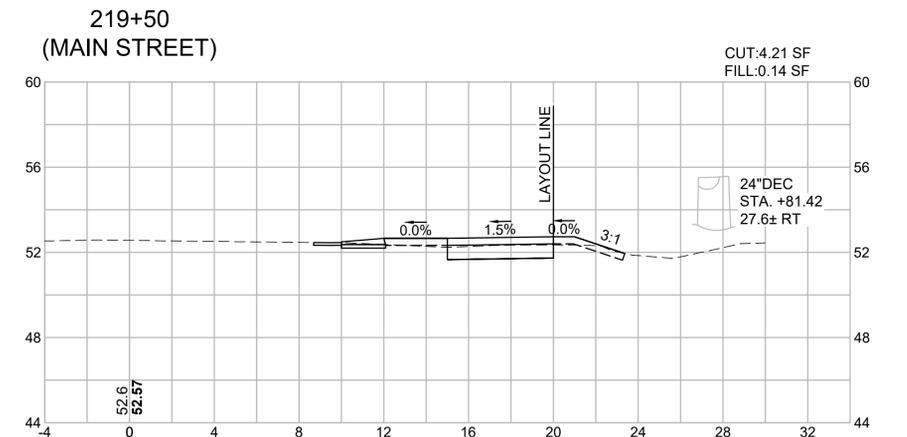
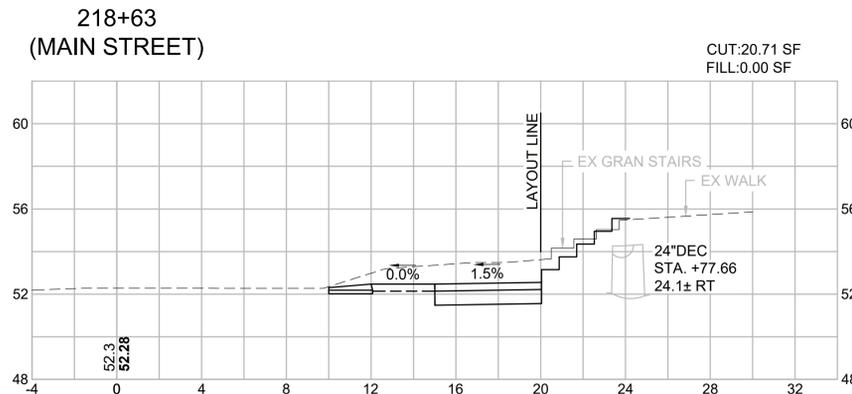
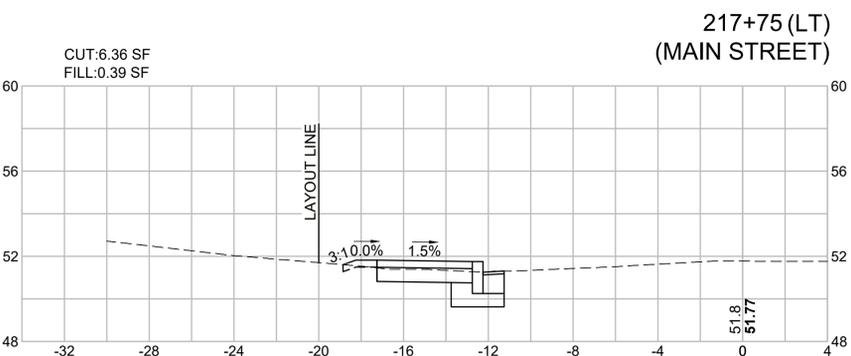
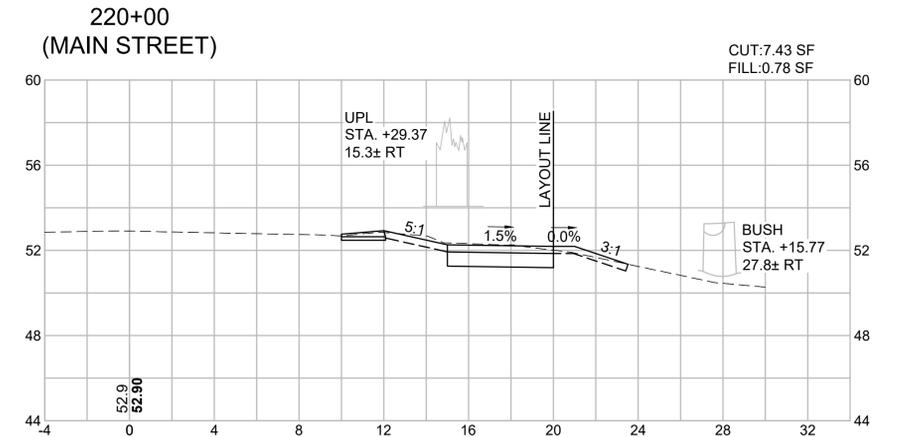
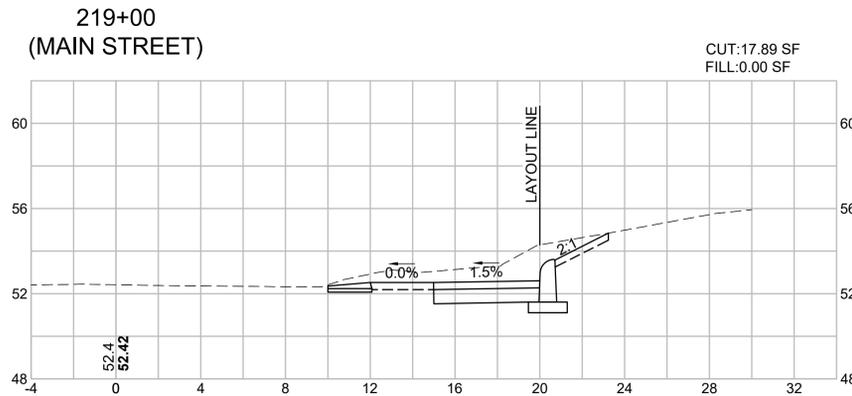
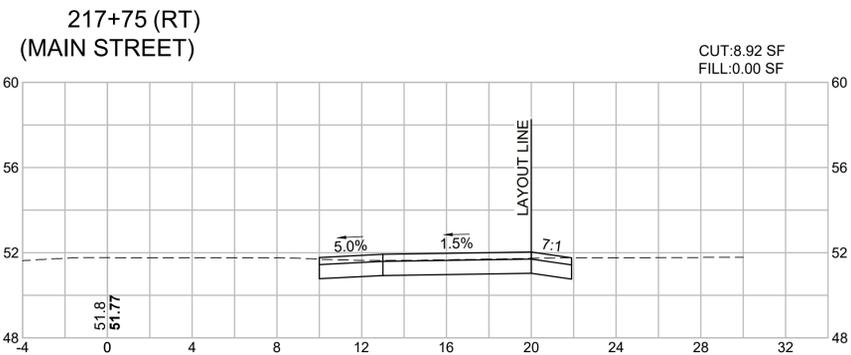
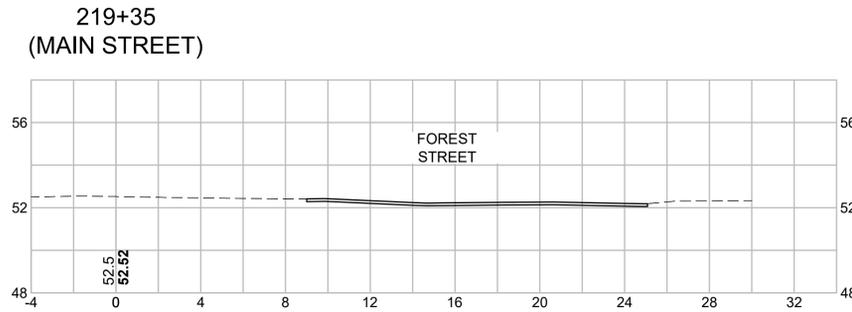
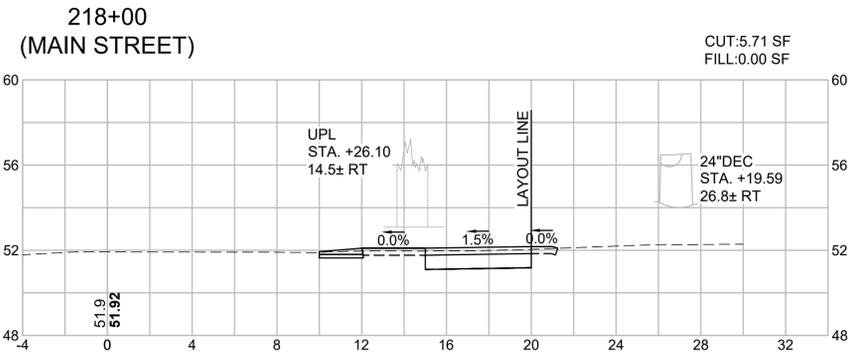


HARWICH
SOUTH STREET, MAIN STREET & SISSON ROAD

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	TAP-SRSS(001)X	63	71
PROJECT FILE NO.			610670

CROSS SECTIONS - 8
MAIN STREET





HARWICH
SOUTH STREET, MAIN STREET & SISSON ROAD

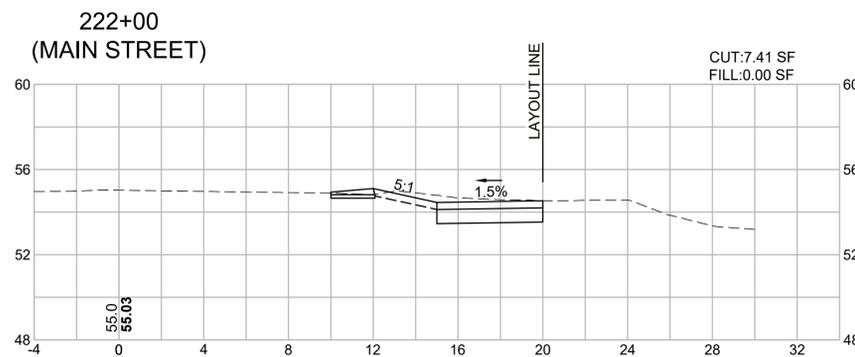
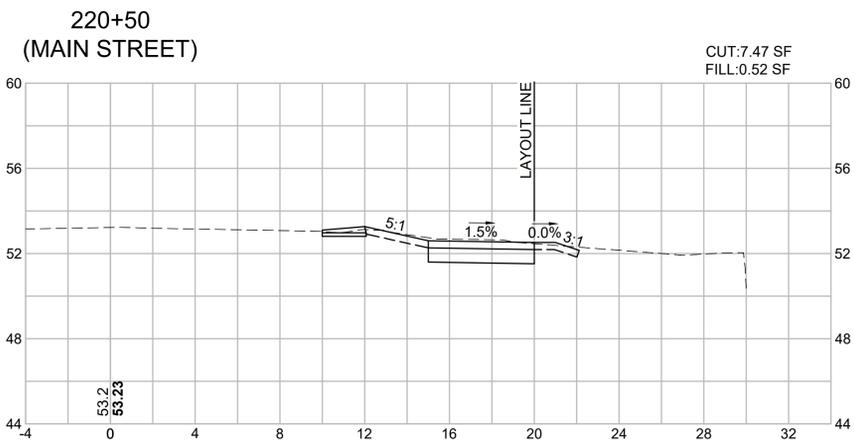
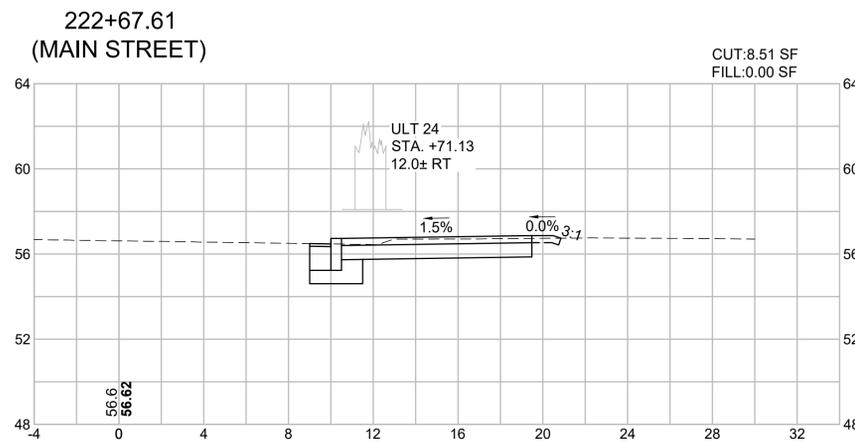
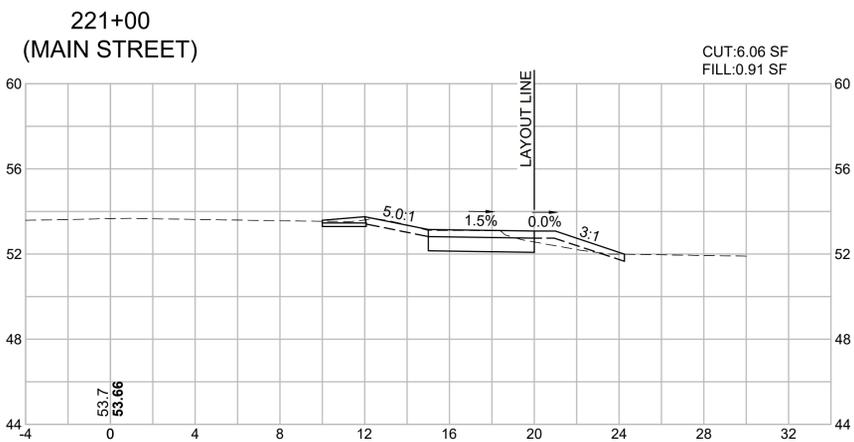
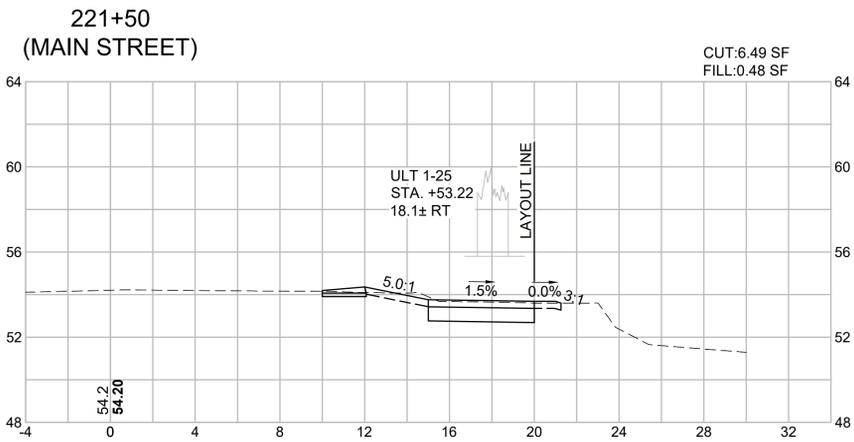
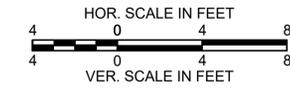
STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	TAP-SRSS(001)X	64	71
PROJECT FILE NO. 610670			

CROSS SECTIONS - 9
MAIN STREET

HARWICH
SOUTH STREET, MAIN STREET & SISSON ROAD

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	TAP-SRSS(001)X	65	71
PROJECT FILE NO.		610670	

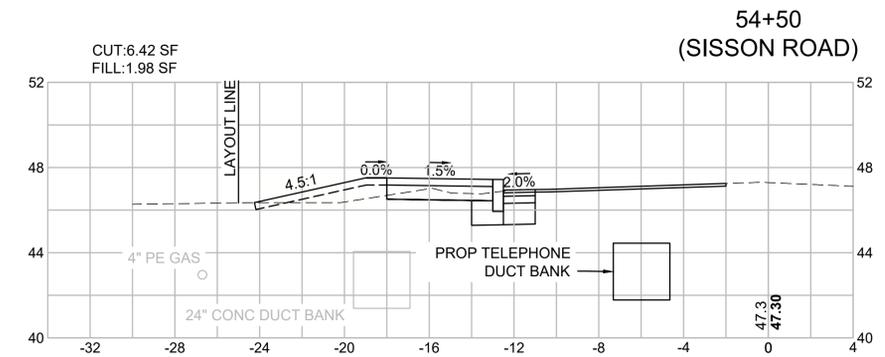
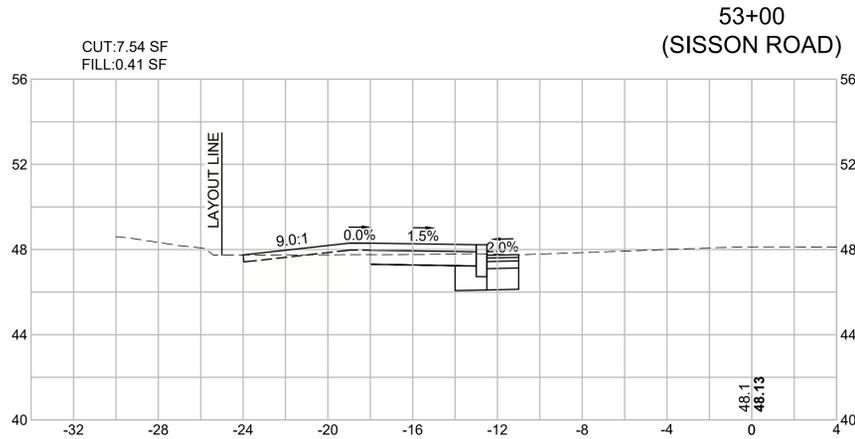
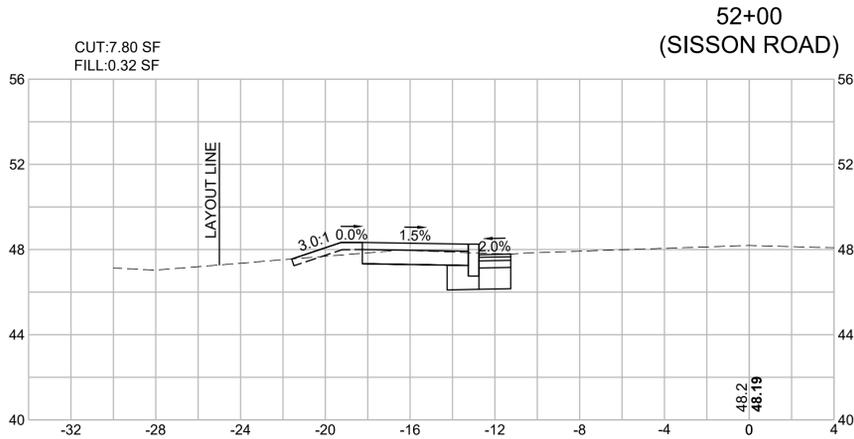
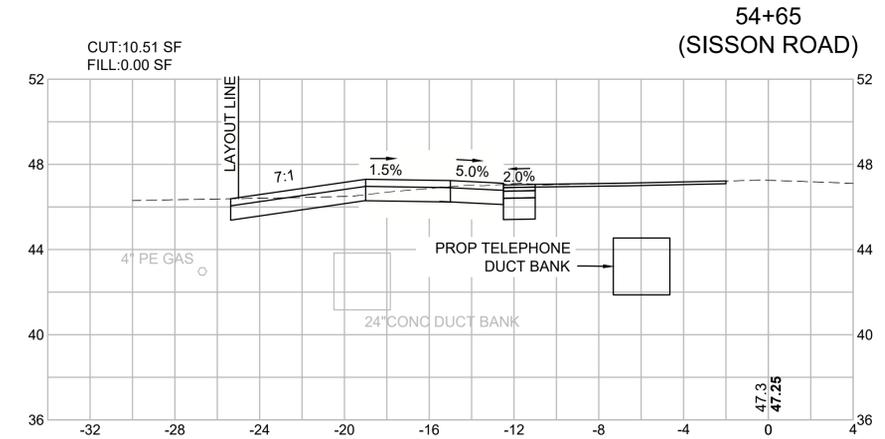
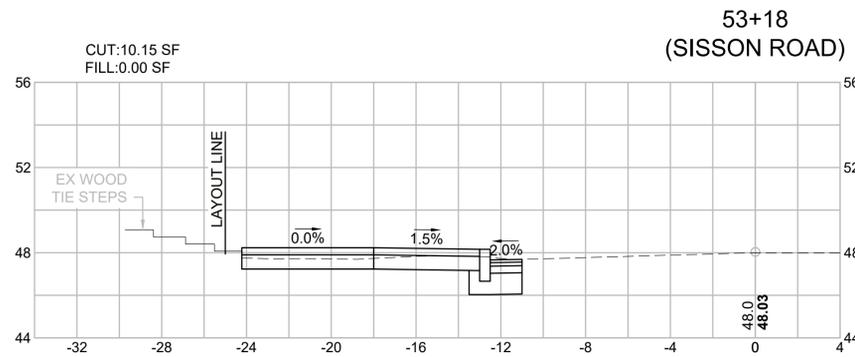
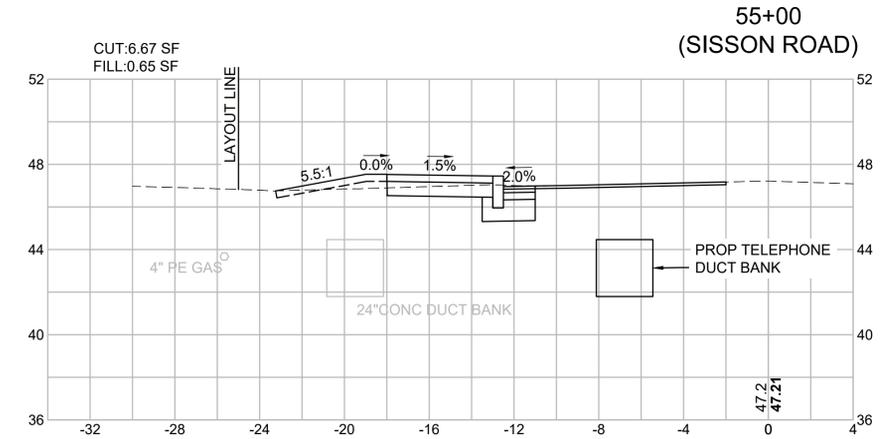
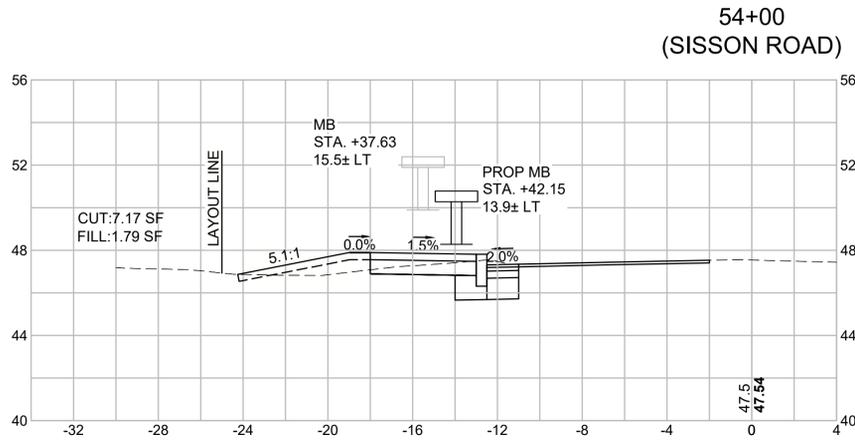
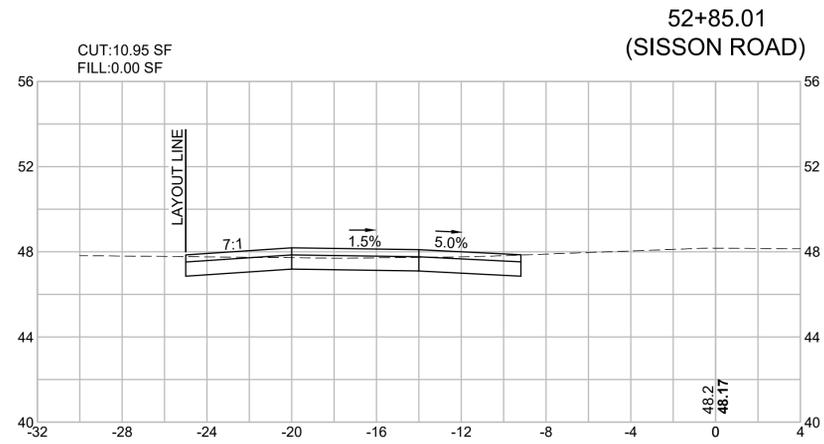
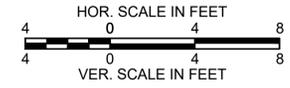
CROSS SECTIONS - 10
MAIN STREET



HARWICH
SOUTH STREET, MAIN STREET & SISSON ROAD

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	TAP-SRSS(001)X	66	71
PROJECT FILE NO. 610670			

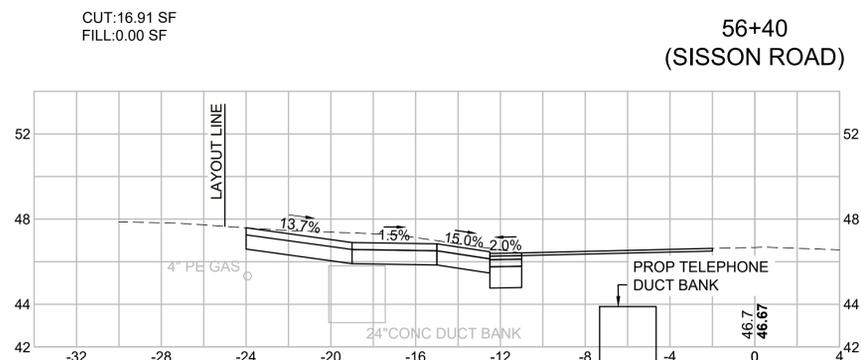
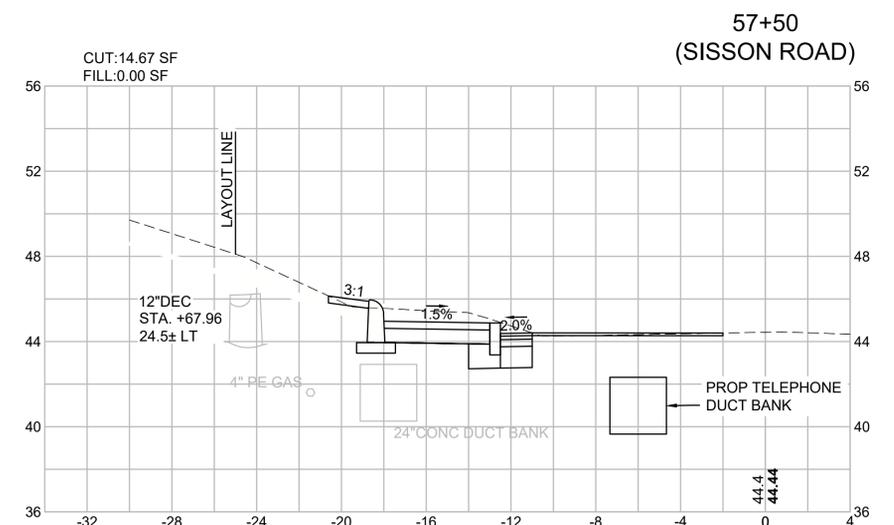
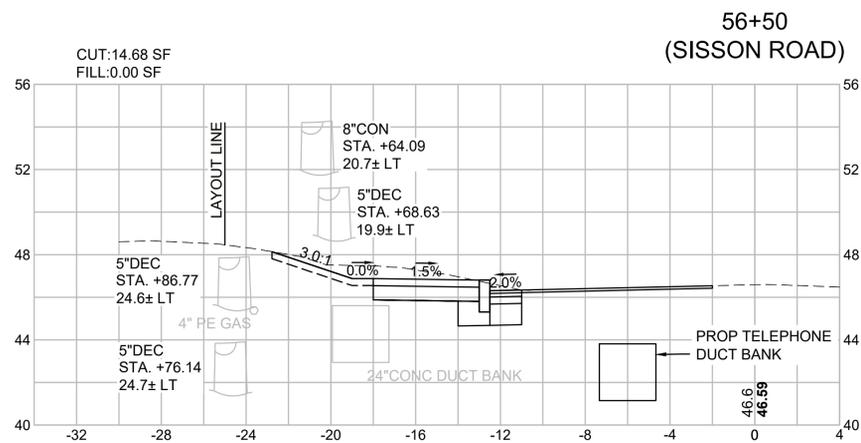
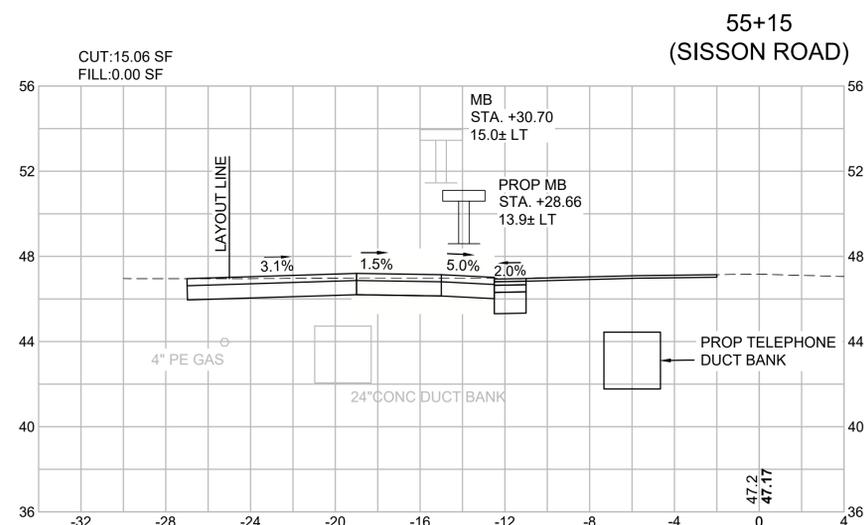
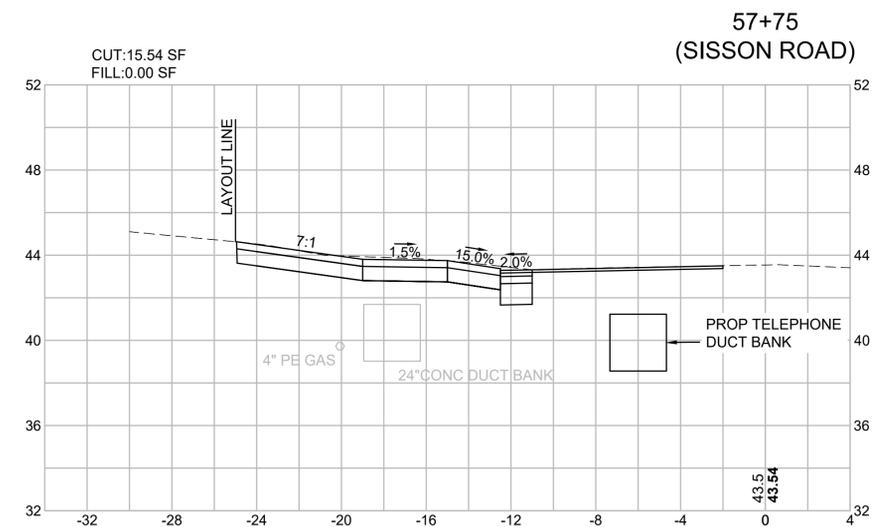
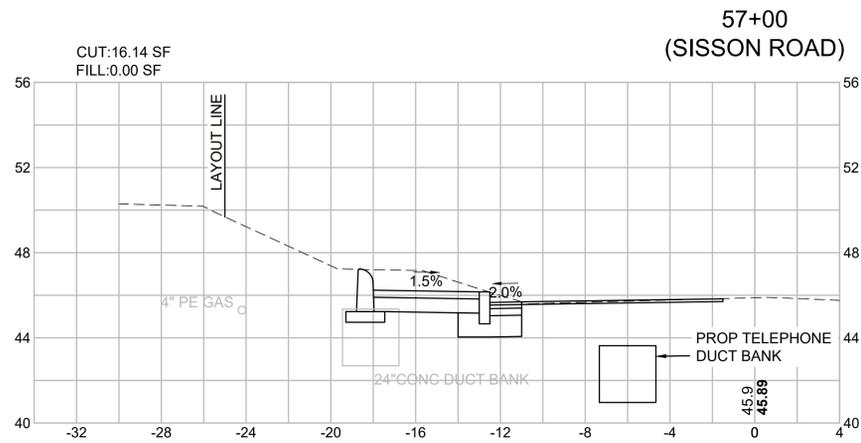
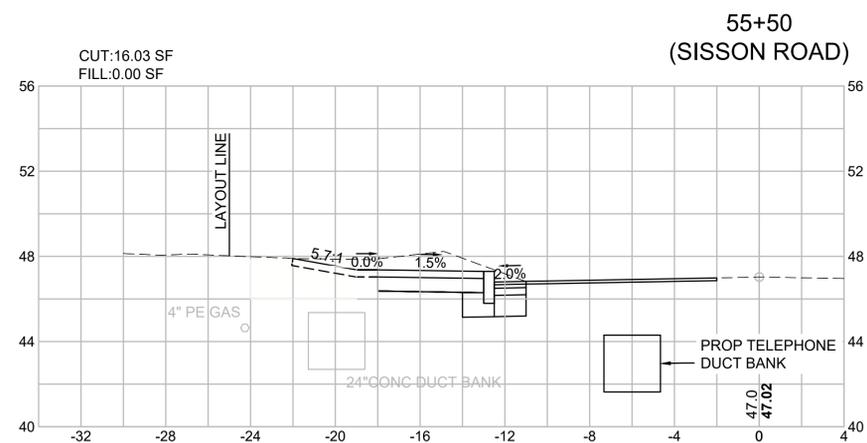
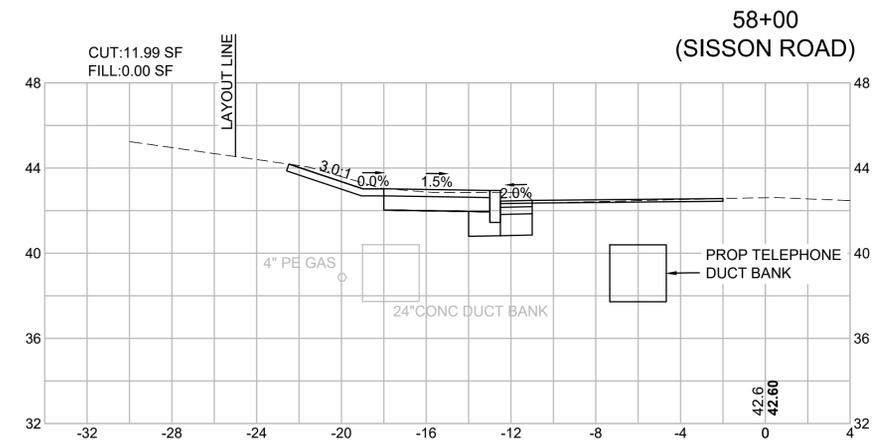
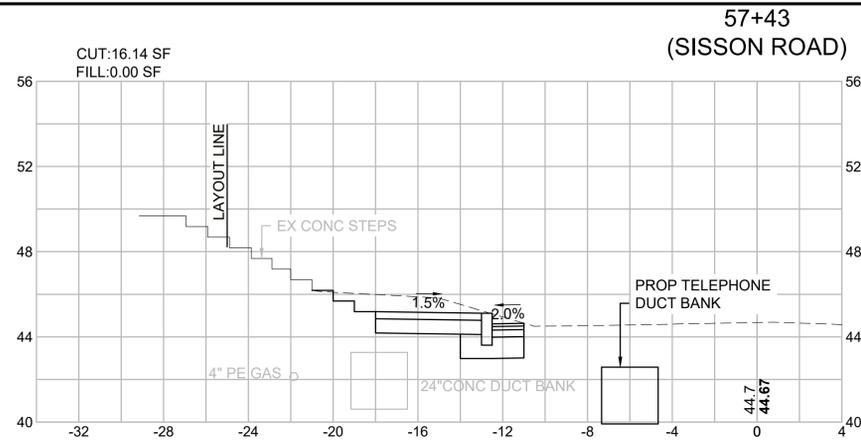
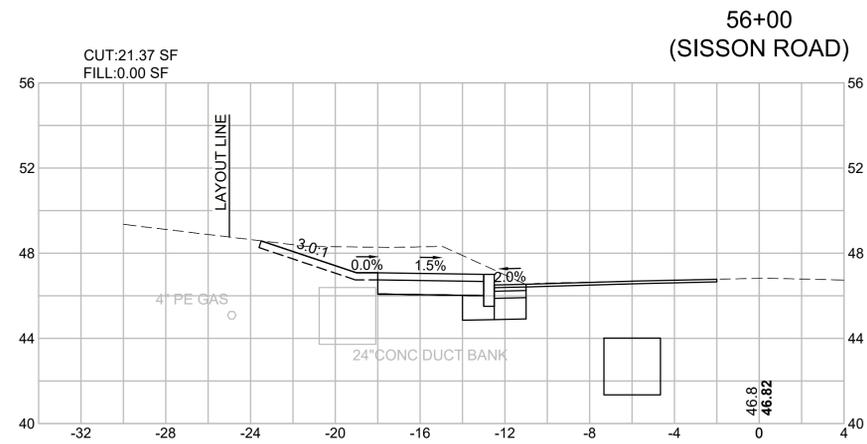
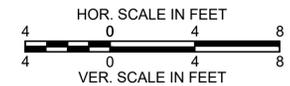
CROSS SECTIONS - 11
SISSON ROAD



HARWICH
SOUTH STREET, MAIN STREET & SISSON ROAD

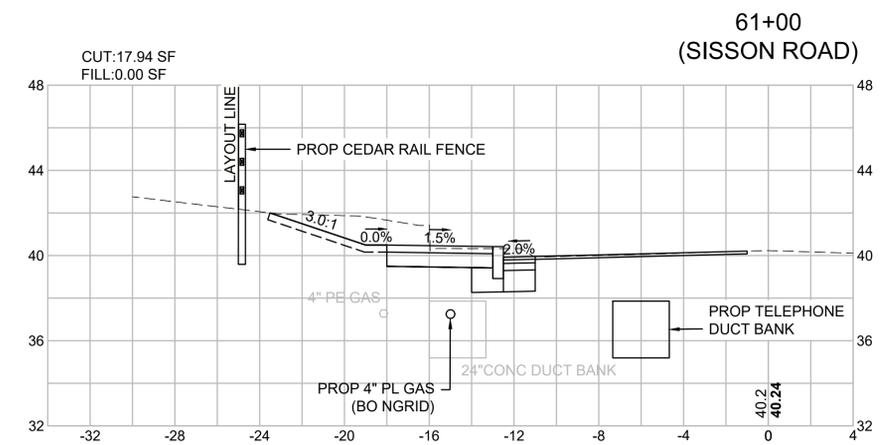
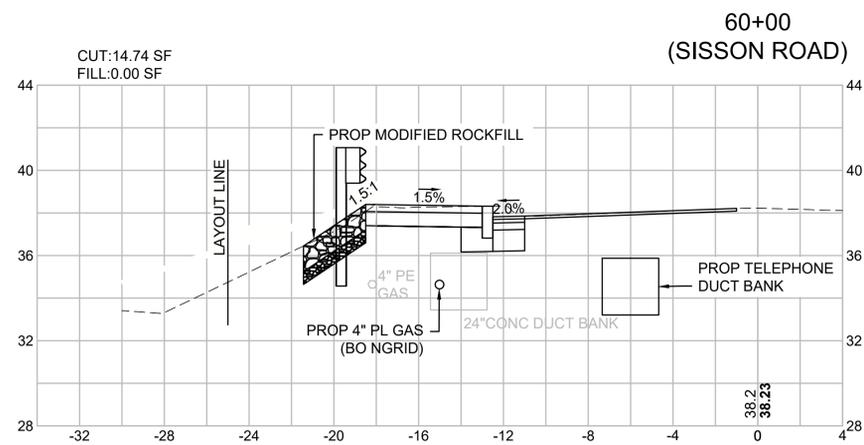
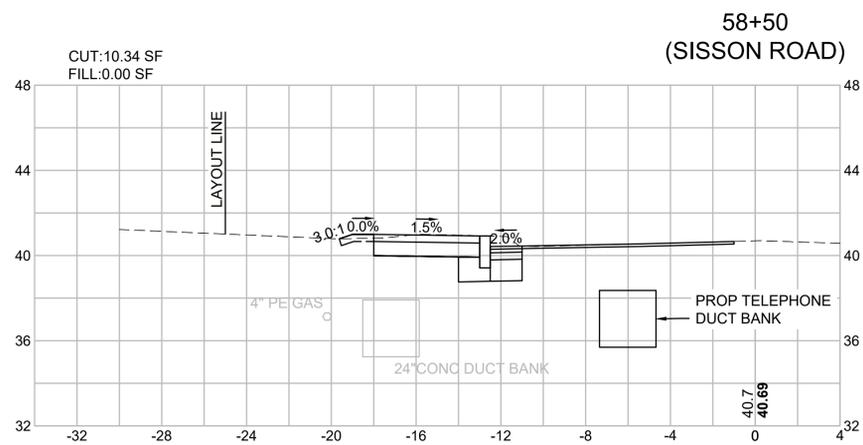
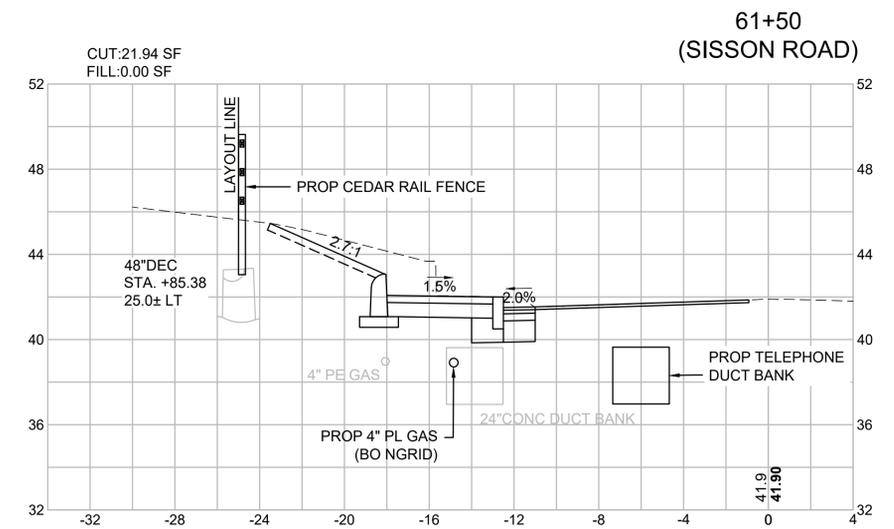
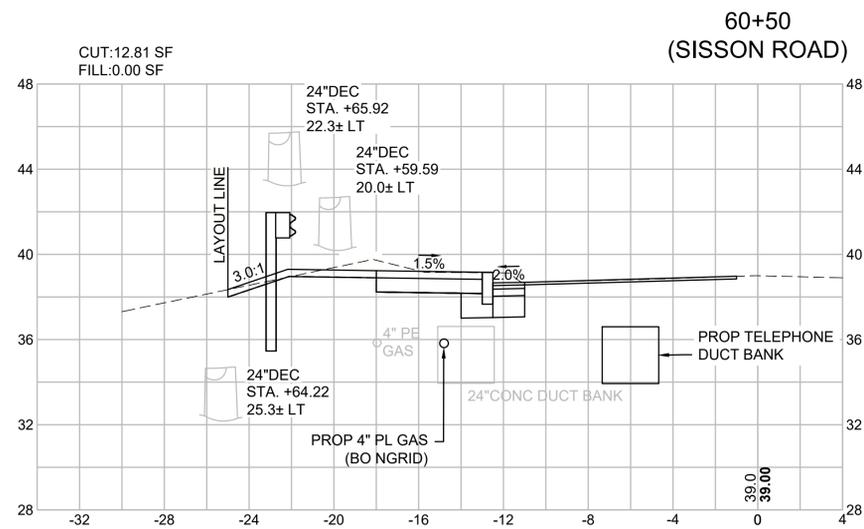
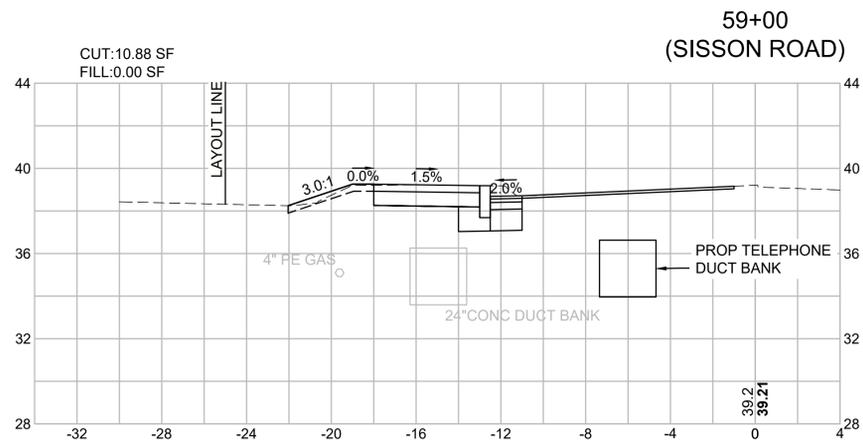
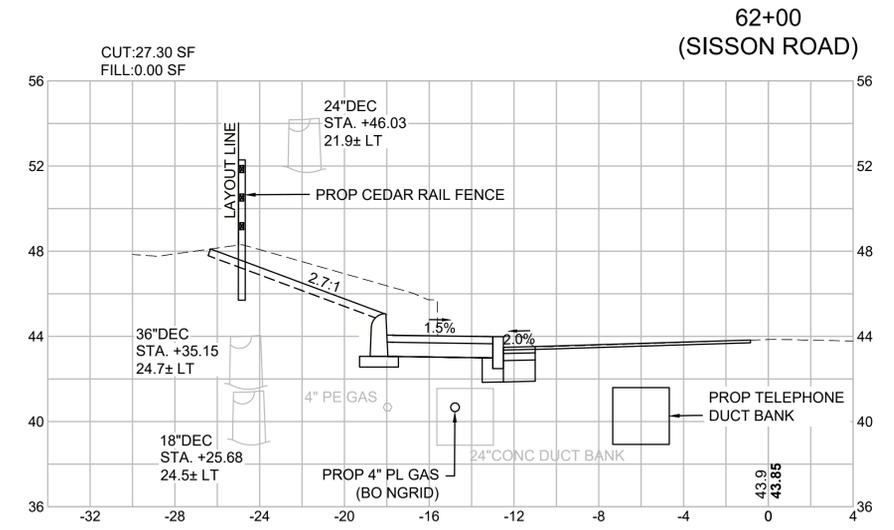
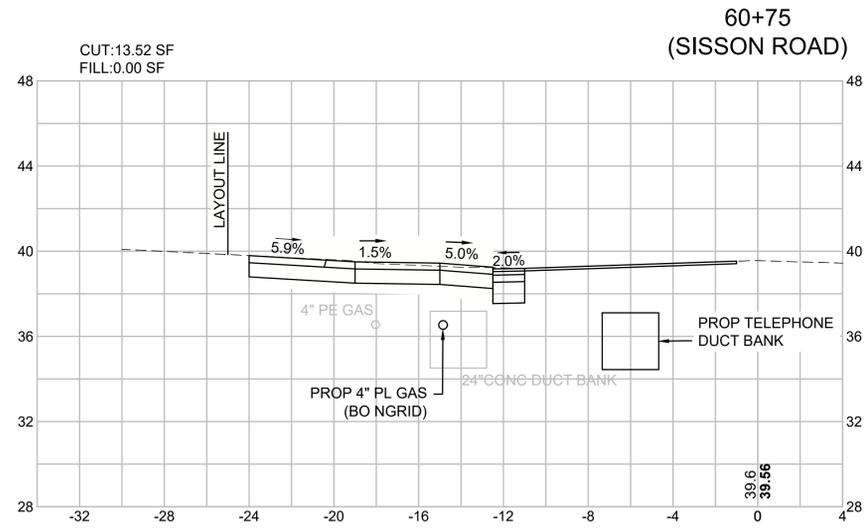
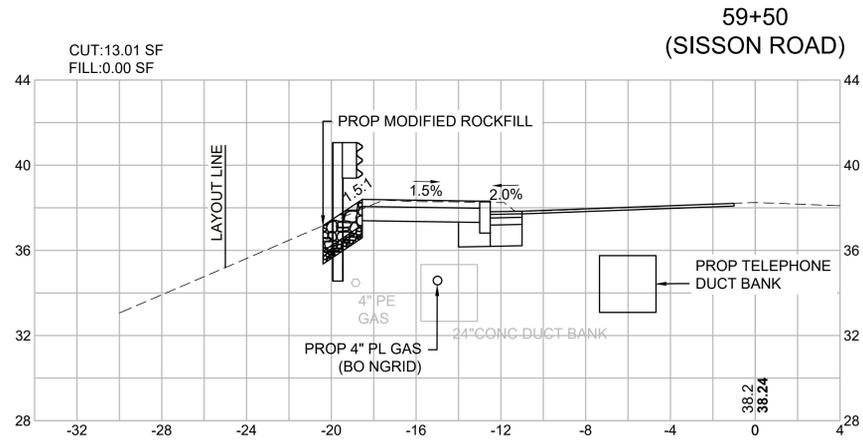
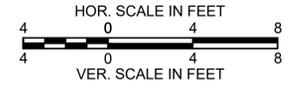
STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	TAP-SRSS(001)X	67	71
PROJECT FILE NO. 610670			

CROSS SECTIONS - 12
SISSON ROAD



STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	TAP-SRSS(001)X	68	71
PROJECT FILE NO.			610670

CROSS SECTIONS - 13
SISSON ROAD

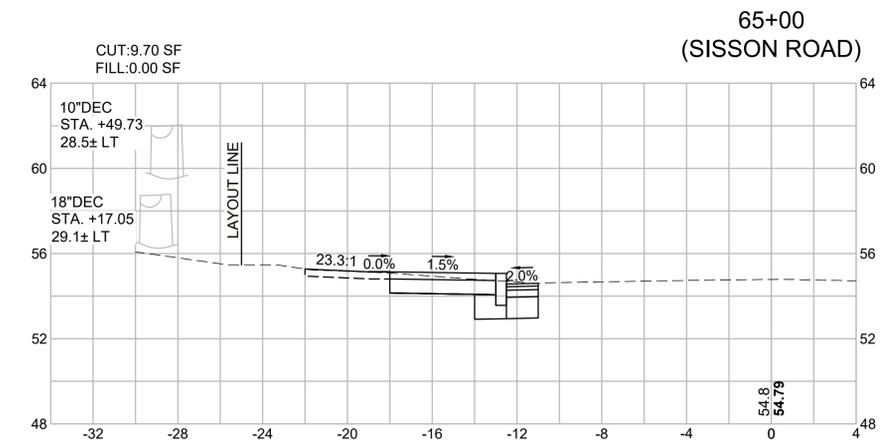
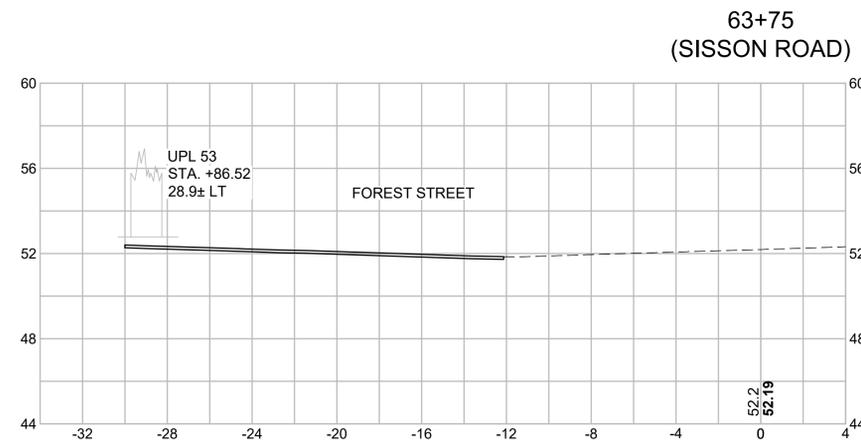
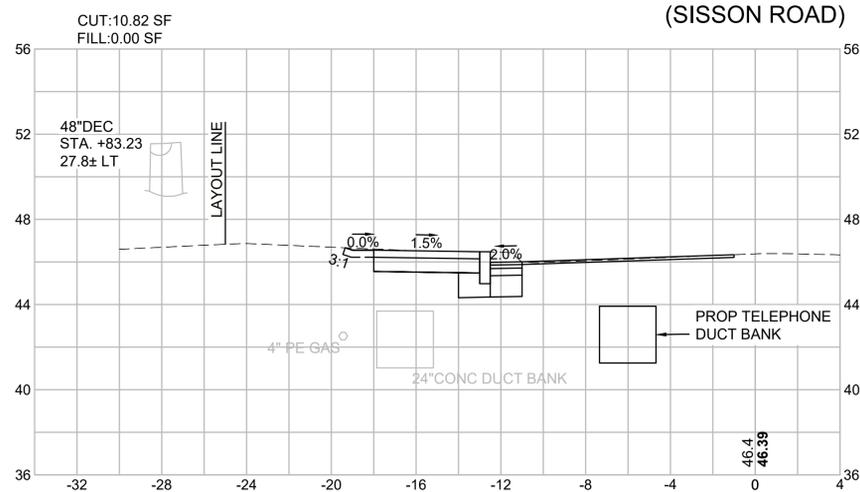
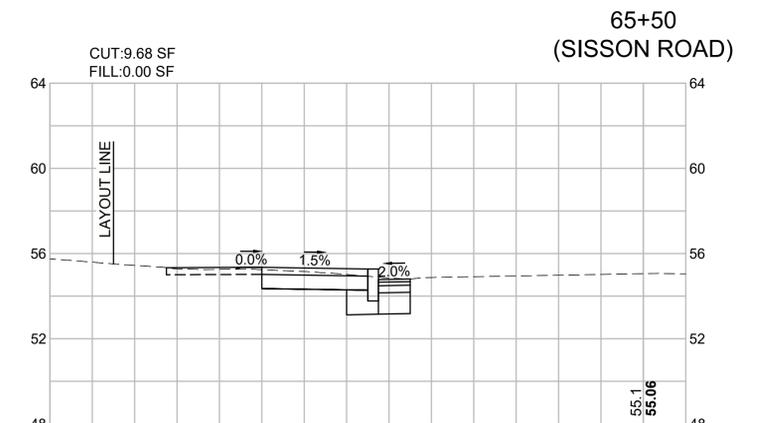
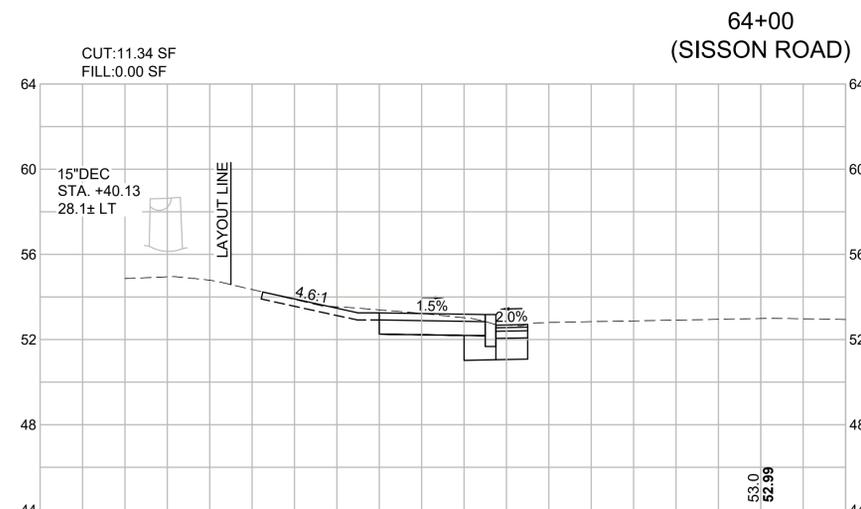
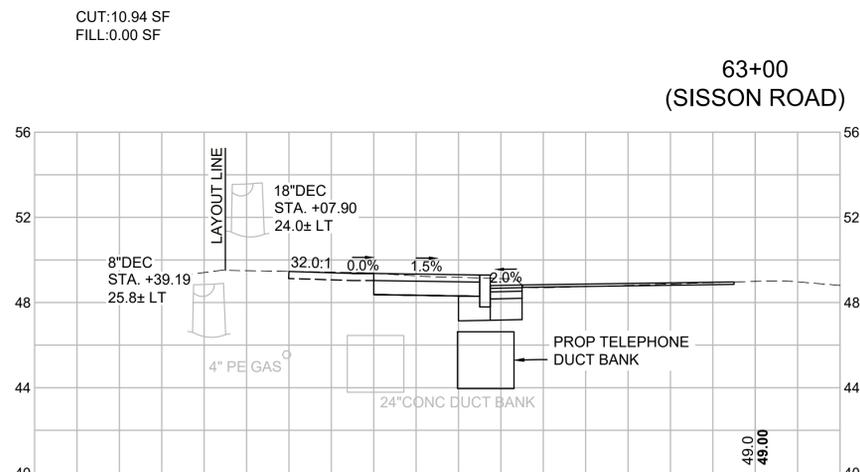
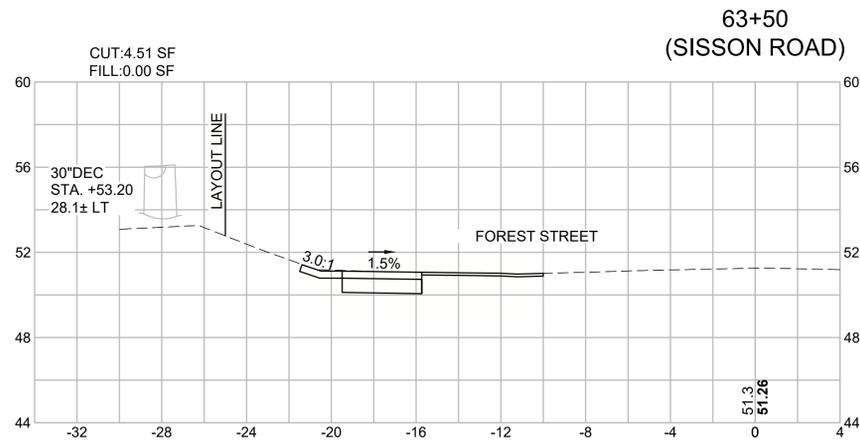


HARWICH
SOUTH STREET, MAIN STREET & SISSON ROAD



STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	TAP-SRSS(001)X	69	71
PROJECT FILE NO.		610670	

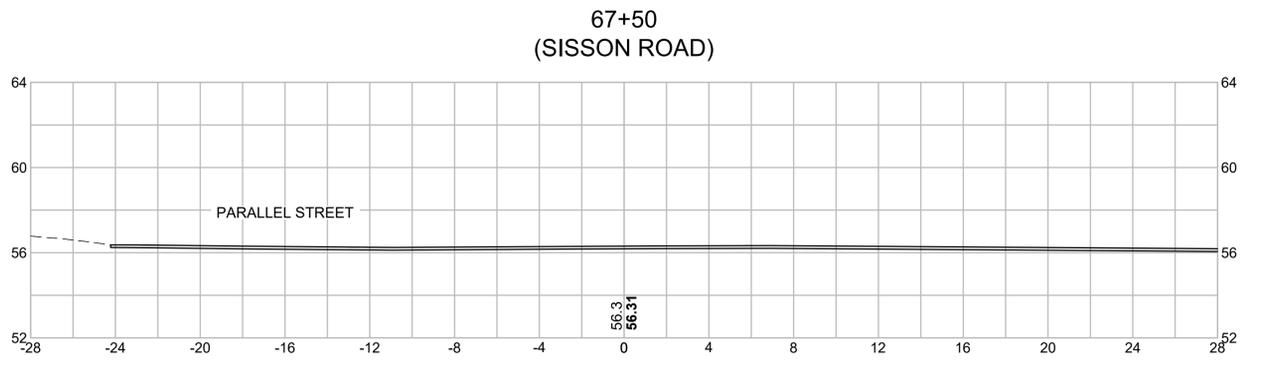
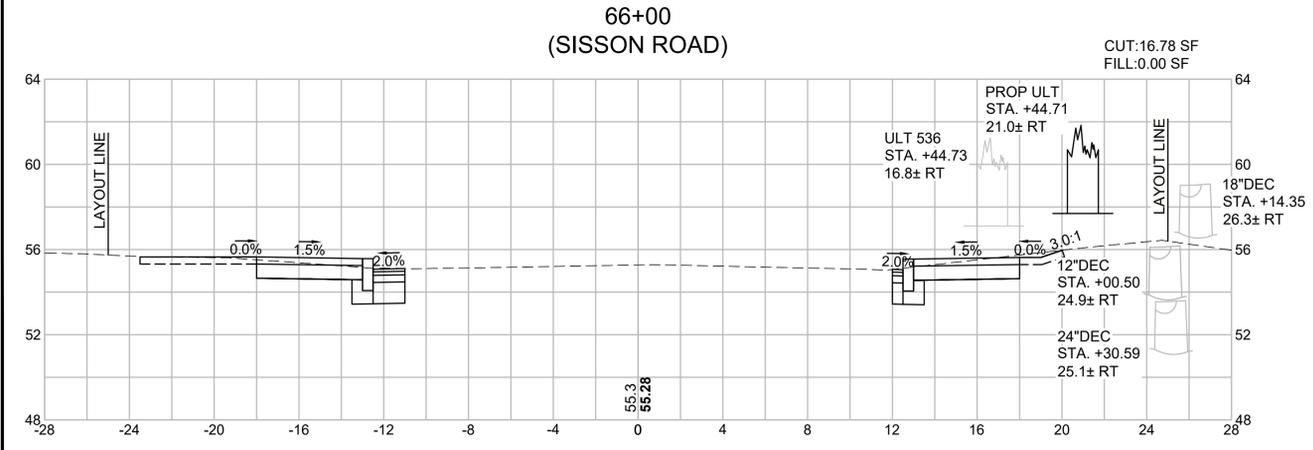
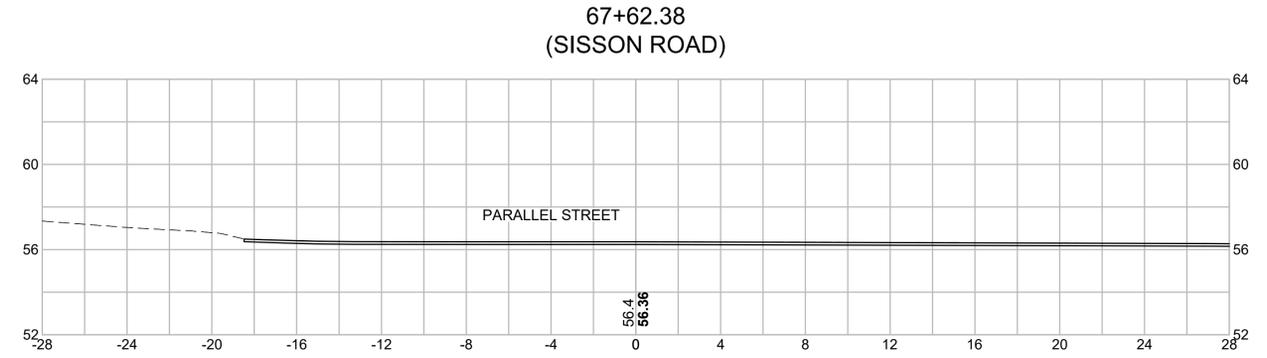
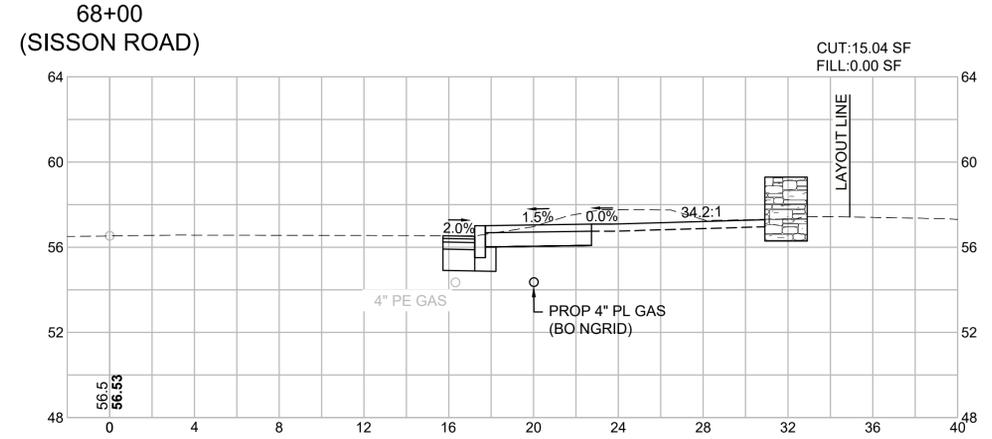
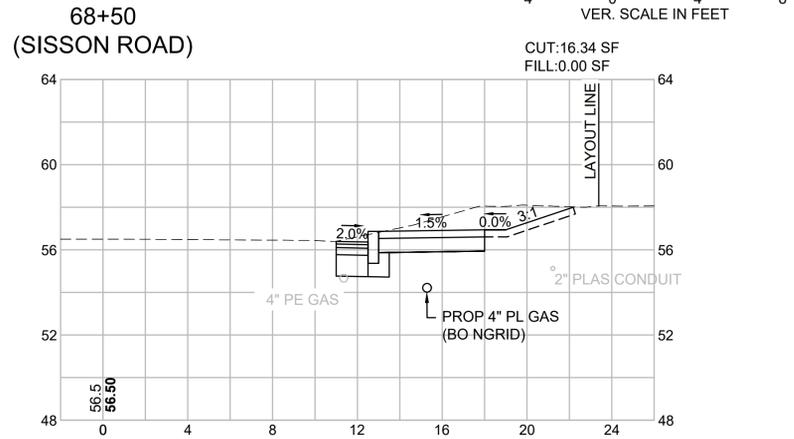
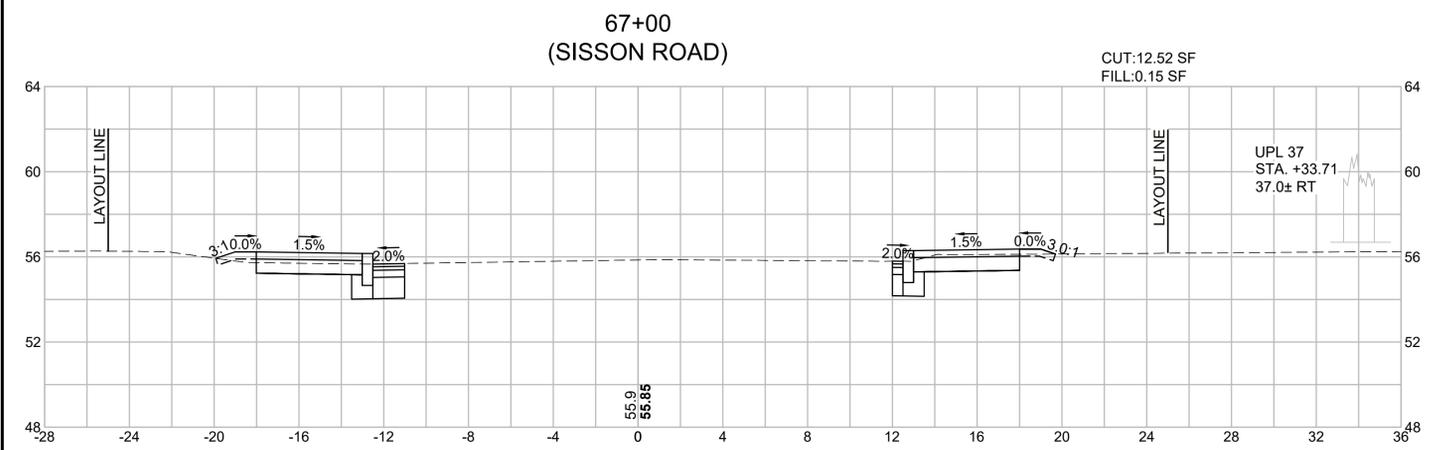
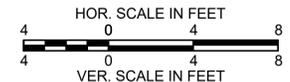
CROSS SECTIONS - 14
SISSON ROAD



HARWICH
SOUTH STREET, MAIN STREET & SISSON ROAD

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	TAP-SRSS(001)X	70	71
PROJECT FILE NO. 610670			

CROSS SECTIONS - 15
SISSON ROAD



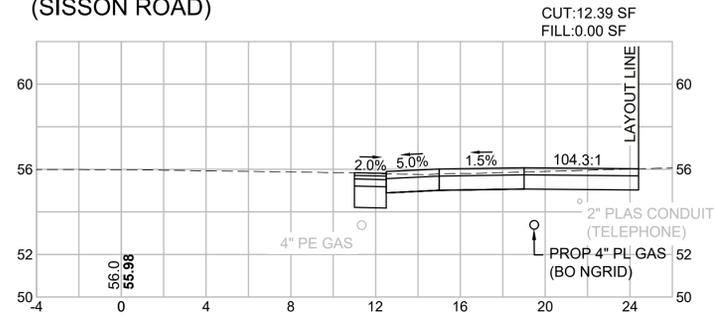
HARWICH
SOUTH STREET, MAIN STREET & SISSON ROAD

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	TAP-SRSS(001)X	71	71
PROJECT FILE NO.			610670

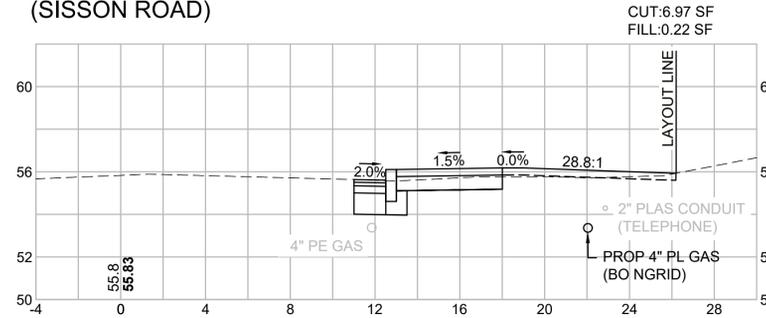
CROSS SECTIONS - 16
SISSON ROAD



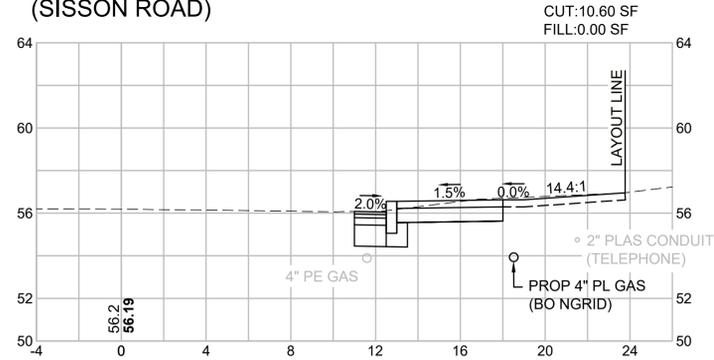
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(SISSON ROAD)



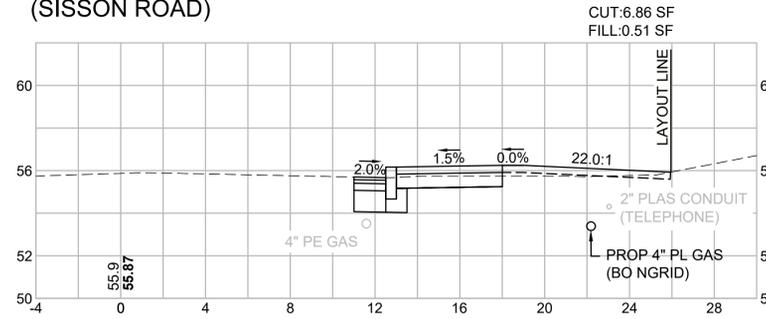
70+00
(SISSON ROAD)



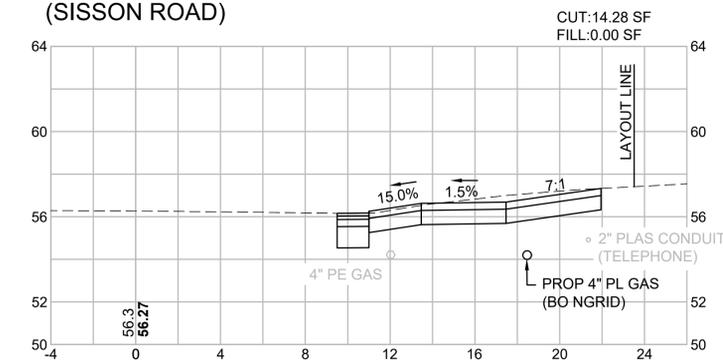
69+00
(SISSON ROAD)



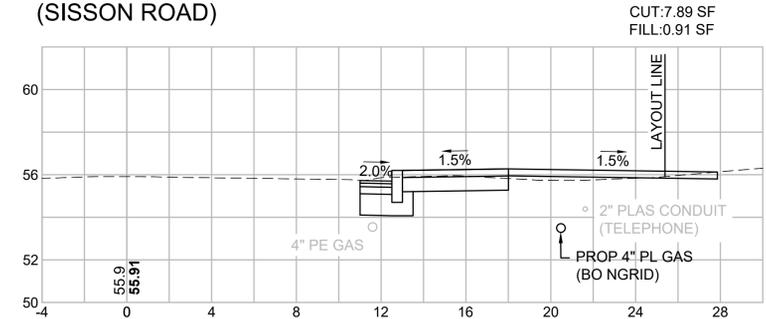
69+86.59
(SISSON ROAD)



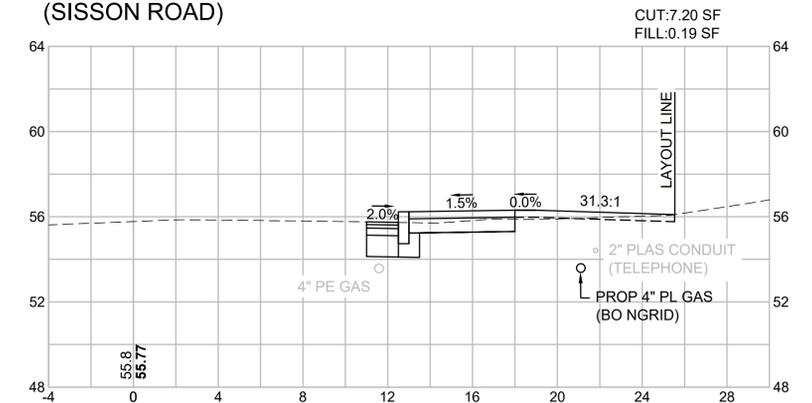
68+90
(SISSON ROAD)



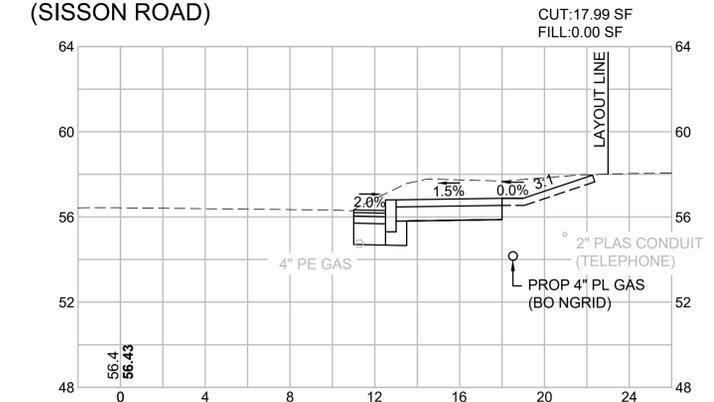
69+64
(SISSON ROAD)



70+50
(SISSON ROAD)



68+69.53
(SISSON ROAD)



69+50
(SISSON ROAD)

