MASSACHUSETTS DEPARTMENT OF TRANSPORTATION
HIGHWAY DIVISION

PLAN AND PROFILE OF

ROUTE 126 (SOUTH MAIN STREET)

IN THE TOWN OF

BELLINGHAM

NORFOLK COUNTY

FEDERAL AID PROJECT NO. -

100% SUBMITTAL

BELLINGHAM
SOUTH MAIN STREET (ROUTE 126)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	1	160
PROJECT FILE NO.		608887	

TITLE SHEET & INDEX

THESE PLANS ARE SUPPLEMENTED BY THE OCTOBER 2017 CONSTRUCTION STANDARD DETAILS□THE 2015 OVERHEAD SIGNAL STRUCTURE AND FOUNDATION STANDARD DRAWINGS□ MASSDOT TRAFFIC MANAGEMENT PLANS AND DETAIL DRAWINGS□THE 1990 STANDARD DRAWINGS FOR SIGNS AND SUPPORTS□THE 1968 STANDARD DRAWINGS FOR TRAFFIC SIGNALS AND HIGHWAY LIGHTING□AND THE LATEST EDITION OF THE AMERICAN STANDARD FOR NURSERY STOCK.

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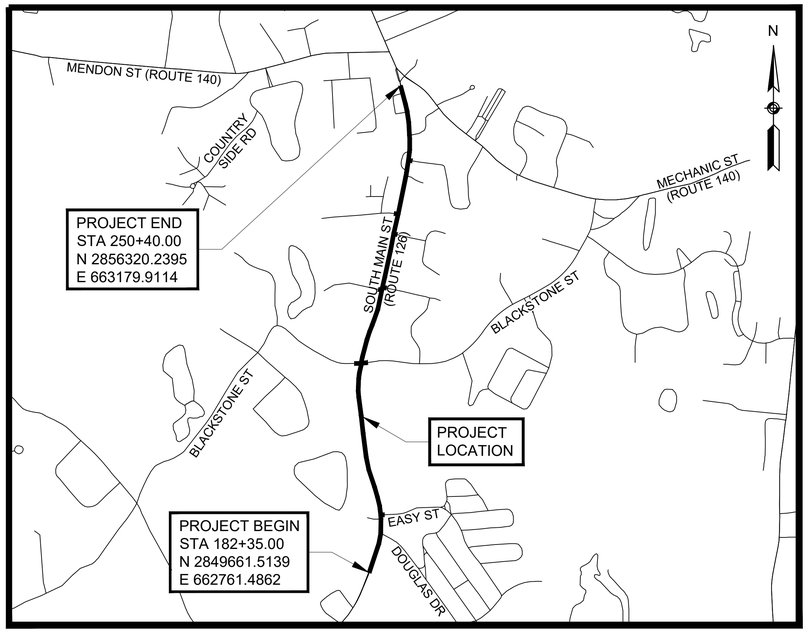

0 1000 2000 3000 4000

SCALE: 1" = 1000'

LENGTH OF PROJECT = 6□805.00 FEET = 1.28 MILES

DESIGN DESIGNATION (ROUTE 126 - SOUTH MAIN STREET)

DESIGN SPEED	45 MPH
ADT (2017)	18□700
ADT (2037)	22□800
K	7.7%
D	64% SB
T (PEAK HOUR)	4.7%
T (AVERAGE DAY)	5.8%
DHV	1760
DDHV	1130
FUNCTIONAL CLASSIFICATION	URBAN PRINCIPAL ARTERIAL

CHA
141 Longwater Drive - Suite 104
Norwell, MA 02061
781.982.5400 • www.chacompanies.com

10□30□2020	100% SUBMISSION	0
DATE	DESCRIPTION	REV □

massDOT
Massachusetts Department of Transportation
Highway Division

RECOMMENDED FOR APPROVAL

CHIEF ENGINEER _____ DATE _____

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GENERAL SYMBOLS

EXISTING	PROPOSED	DESCRIPTION
JB	JB	JERSEY BARRIER
CB	CB	CATCH BASIN
		CATCH BASIN CURB INLET
FP	FP	FLAG POLE
GP	GP	GAS PUMP
MB	MB	MAIL BOX
		POST S□UARE
		POST CIRCULAR
WELL	WELL	WELL
EHH	EHH	ELECTRIC HANDHOLE
		FENCE GATE POST
GG	GG	GAS GATE
BHL #	BHL □	BORING HOLE
MW #	MW □	MONITORING WELL
TP #	TP □	TEST PIT
		HYDRANT
		LIGHT POLE
CO.BD.		COUNTY BOUND
		GPS POINT
C	C	CABLE MANHOLE
D	D	DRAINAGE MANHOLE
E	E	ELECTRIC MANHOLE
G	G	GAS MANHOLE
M	M	MISC MANHOLE
S	S	SEWER MANHOLE
T	T	TELEPHONE MANHOLE
W	W	WATER MANHOLE
MHB	MHB	MASSACHUSETTS HIGHWAY BOUND
MON		MONUMENT
SB		STONE BOUND
TB		TOWN OR CITY BOUND
		TRAVERSE OR TRIANGULATION STATION
TPL or GUY	TPL or GUY	TROLLEY POLE OR GUY POLE
HTP		TRANSMISSION POLE
UFB	UFB	UTILITY POLE W□FIREBOX
UPDL	UPDL	UTILITY POLE WITH DOUBLE LIGHT
ULT	ULT	UTILITY POLE W □1 LIGHT
UPL	UPL	UTILITY POLE
		BUSH
SIZE & TYPE		TREE
		STUMP
		SWAMP □MARSH
WG	WG	WATER GATE
PM	PM	PARKING METER
		OVERHEAD CABLE□WIRE
		CURBING
100 99		CONTOURS (ON-THE-GROUND SURVEY DATA)
100 99		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
x	x	CHAIN LINK OR METAL FENCE
		WOOD FENCE
		HAY BALES□SILT FENCE
		TREE LINE
		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

TRAFFIC SYMBOLS

EXISTING	PROPOSED	DESCRIPTION
1	1	CONTROLLER PHASE ACTUATED
		TRAFFIC SIGNAL HEAD (SI□E AS NOTED)
		WIRE LOOP DETECTOR (6' □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)
RRSG	RRSG	RAILROAD SIGNAL
OR		SIGNAL POST AND BASE (ALPHA-NUMERIC DESIGNATION NOTED)
	20'	MAST ARM□SHAFT AND BASE (ARM LENGTH AS NOTED)
		HIGH MAST POLE OR TOWER
		SIGN AND POST
		SIGN AND POST (2 POSTS)
	20'	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"□12" (OR AS NOTED)
		ELECTRIC HANDHOLE 12"□24" (OR AS NOTED)
		TRAFFIC SIGNAL CONDUIT

PAVEMENT MARKINGS SYMBOLS

EXISTING	PROPOSED	DESCRIPTION
		PAVEMENT ARROW - WHITE
ONLY	ONLY	LEGEND "ONLY" - WHITE
	SL	STOP LINE
	CW	CROSSWALK
	SWL	SOLID WHITE LINE
	SYL	SOLID YELLOW LINE
	BWL	BROKEN WHITE LINE
	BYL	BROKEN YELLOW LINE
	DWL	DOTTED WHITE LINE (3' LINE□9' GAP)
	DYL	DOTTED YELLOW LINE (3' LINE□9' GAP)
	DWLE□	DOTTED WHITE LINE EXTENSION (2' LINE□6' GAP)
	DYLE□	DOTTED YELLOW LINE EXTENSION (2' LINE□6' GAP)
	DBWL	DOUBLE WHITE LINE
	DBYL	DOUBLE YELLOW LINE

ABBREVIATIONS

GENERAL

AADT	ANNUAL AVERAGE DAILY TRAFFIC
ABDN	ABANDON
ADJ	ADJUST
APPROX.	APPROXIMATE
A.C.	ASPHALT CONCRETE
ACCM PIPE	ASPHALT COATED CORRUGATED METAL PIPE
BB	BITUMINOUS BERM
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
CFT	COMPOST FILTER TUBE
CI	CURB INLET
CIP	CAST IRON PIPE
CLF	CHAIN LINK FENCE
CL	CENTERLINE
CMP	CORRUGATED METAL PIPE
CRW	CONCRETE RETAINING WALL
CSP	CORRUGATED STEEL PIPE
CO.	COUNTY
CONC	CONCRETE
CONT	CONTINUOUS
CONST	CONSTRUCTION
CR GR	CROWN GRADE
DHV	DESIGN HOURLY VOLUME
DI	DROP INLET
DIA	DIAMETER
DIP	DUCTILE IRON PIPE
DW	STEADY DON'T WALK - PORTLAND ORANGE
DWY	DRIVEWAY
ELEV (or EL.)	ELEVATION
EMB	EMBANKMENT
EOP	EDGE OF PAVEMENT
EXIST (or EX)	EXISTING
EXC	EXCAVATION
F&C	FRAME AND COVER
F&G	FRAME AND GRATE
FDN.	FOUNDATION
FLDSTN	FIELDSTONE
GAR	GARAGE
GD	GROUND
GG	GAS GATE
GI	GUTTER INLET
GIP	GALVANI□ED IRON PIPE
GRAN	GRANITE
GRAV	GRAVEL
GRD	GUARD
HDW	HEADWALL
HMA	HOT MIX ASPHALT
HOR	HORI□ONTAL
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
MW	MONITORING WELL
NIC	NOT IN CONTRACT
NO.	NUMBER
P+R	POST AND RAIL
PC	POINT OF CURVATURE
PCC	POINT OF COMPOUND CURVATURE
P.G.L.	PROFILE GRADE LINE
PI	POINT OF INTERSECTION
PKF	PICKET FENCE
POC	POINT ON CURVE
POT	POINT ON TANGENT
PPF	PLASTIC PICKET FENCE
PRC	POINT OF REVERSE CURVATURE
PRF	POST AND RAIL FENCE
PROJ	PROJECT
PROP	PROPOSED

BELLINGHAM
SOUTH MAIN STREET (ROUTE 126)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	2	160
PROJECT FILE NO.	608887		

LEGEND & ABBREVIATIONS

ABBREVIATIONS (cont.)

GENERAL

PSB	PLANTABLE SOIL BORROW
PT	POINT OF TANGENCY
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
SMRW	STONE MASONRY RETAINING WALL
SRW	STONE RETAINING WALL
SW	SIDEWALK
T	TANGENT DISTANCE OF CURVE□TRUCK %
TAN	TANGENT
TELE	TELEPHONE
TEMP	TEMPORARY
TC	TOP OF CURB
TOS	TOP OF SLOPE
TYP	TYPICAL
UGE	UNDERGROUND ELECTRIC
UP	UTILITY POLE
VAR	VARIES
VERT	VERTICAL
VC	VERTICAL CURVE
VCC	VERTICAL CONCRETE CURB
WCR	WHEEL CHAIR RAMP
WDF	WOOD FENCE
WG	WATER GATE
WIF	WROUGHT IRON FENCE
WIP	WROUGHT IRON PIPE
WM	WATER METER□WATER MAIN
WRW	WOOD RETAINING WALL
X-SECT	CROSS SECTION

TRAFFIC SIGNAL

CAB.	CABINET
CCVE	CLOSED CIRCUIT VIDEO E□UIPMENT
DW	STEADY DON'T WALK
FDW	FLASHING DON'T WALK
FR	FLASHING CIRCULAR RED
FRL	FLASHING RED LEFT ARROW
FRR	FLASHING RED RIGHT ARROW
FY	FLASHING CIRCULAR AMBER
FYL	FLASHING AMBER LEFT ARROW
FYR	FLASHING AMBER 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
PT□	PAN□TILE□□OOM
R	STEADY CIRCULAR RED
RL	STEADY RED LEFT ARROW
RR	STEADY RED RIGHT ARROW
TR SIG	TRAFFIC SIGNAL
TSC	TRAFFIC SIGNAL CONDUIT
W	STEADY WALK
Y	STEADY CIRCULAR AMBER
YL	STEADY AMBER LEFT ARROW

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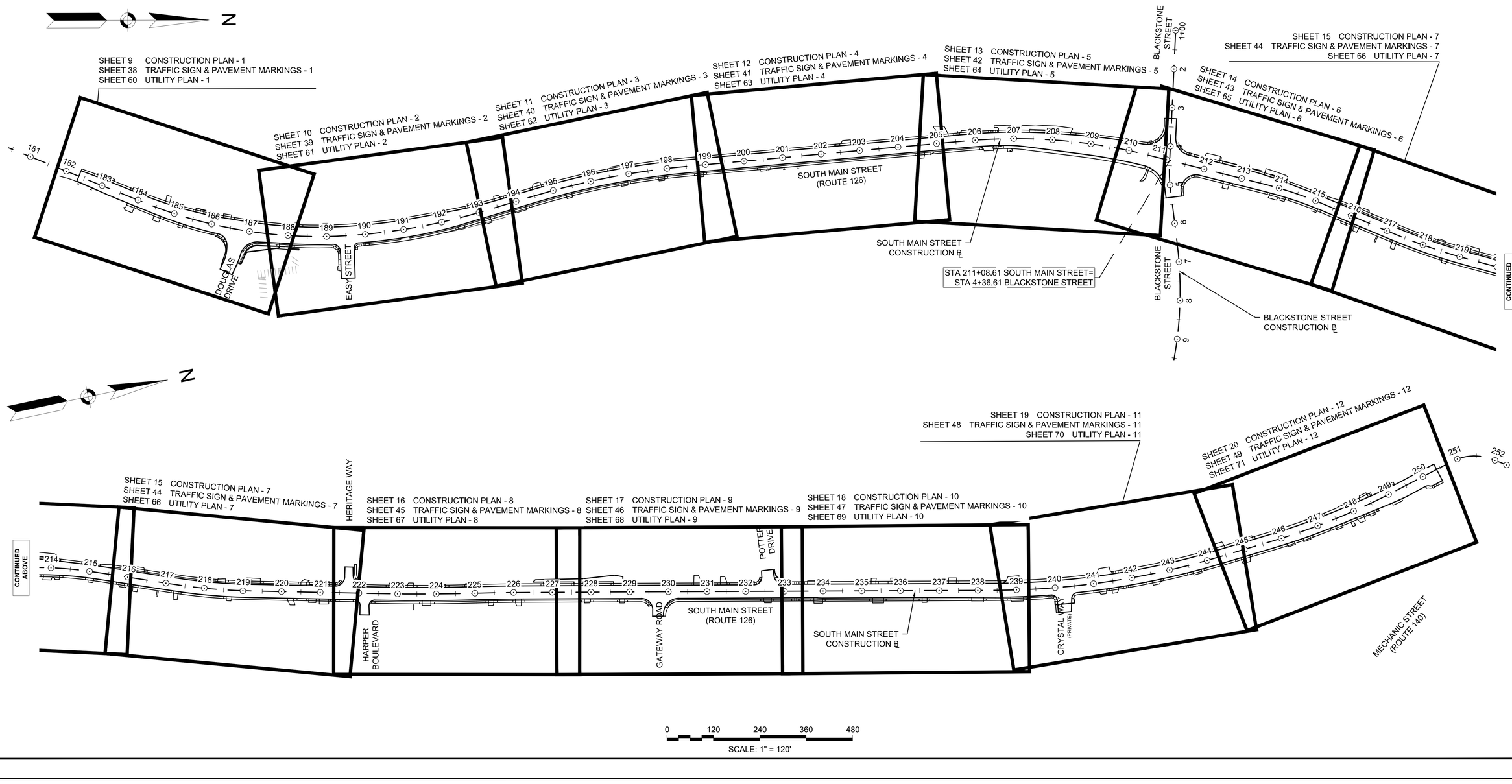
BELLINGHAM
SOUTH MAIN STREET (ROUTE 126)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	3	160
PROJECT FILE NO.		608887	

KEY PLAN & GENERAL NOTES

GENERAL NOTES

1. ALL CONSTRUCTION IS TO BE IN ACCORDANCE WITH MASSDOT AND THE TOWN OF BELLINGHAM STANDARD DETAILS AND SPECIFICATIONS.
2. TOPOGRAPHY DETAIL SHOWN HEREON IS A RESULT OF AN ON-THE-GROUND SURVEY PERFORMED BY CHA IN JANUARY OF 2017.
3. PROPERTY LINE INFORMATION SHOWN HERE IS COMPILED FROM VARIOUS SOURCES AND DOES NOT REPRESENT A PROPERTY LINE RETRACEMENT SURVEY.
4. VERTICAL DATUM□RIM□INVERT AND SPOT ELEVATIONS ARE PUBLISHED FOR DESIGN PURPOSES ONLY. VERTICAL BENCHMARKS SHOWN ON THE PLAN ARE TO BE USED FOR CONSTRUCTION EFFORTS. IN THE EVENT THAT BENCHMARKS (TBM'S)□ESTABLISHED FOR THIS PROJECT AND PUBLISHED ON THIS SURVEY□ARE DESTROYED□NOT RECOVERABLE OR A DISCREPANCY IS FOUND□THE USER SHOULD NOTIFY THIS FIRM IN WRITING PRIOR TO COMMENCING OR CONTINUING ANY WORK.
5. UNLESS OTHERWISE NOTED DEED AND PLAN REFERENCES ARE TO THE NORFOLK COUNTY REGISTRY OF DEEDS.
6. LOCATIONS OF SUBSURFACE UTILITIES SHOWN HEREON ARE APPROXIMATE AND ADDITIONAL UTILITIES MAY EXIST THAT ARE NOT SHOWN ON THIS PLAN. LOCATIONS COMPILED FROM UTILITY PLANS OF RECORD□DIG-SAFE FIELD MARKINGS AND□RIM AND INVERT INFORMATION HAVE BEEN COMPILED AND FIELD VERIFIED WHERE POSSIBLE. THIS INFORMATION IS NOT TO BE USED FOR CONSTRUCTION. PRIOR TO ANY CONSTRUCTION□CONTACT DIG-SAFE AT (1-800-344-7233) TO FIELD VERIFY LOCATION OF ALL UTILITIES.
7. HORI□ONTAL AND VERTICAL DATUMS REFERENCED FROM NAD OF '83 AND NAVD OF '88.
8. THE CONTRACTOR WILL COORDINATE ALL PRIVATE CASTINGS AND POLES THAT ARE TO BE ADJUSTED□RESET OR RELOCATED WITH THE APPROPRIATE UTILITY PURVEYOR. THE RELOCATION□INSTALLATION OR REMOVAL OF PRIVATE UTILITIES SHALL BE ACCOMPLISHED BY THEIR OWNER. THE CONTRACTOR SHALL COOPERATE WITH THE PRIVATE UTILITY PURVEYORS AND ALLOW THEM ADE□UATE TIME TO COMPLETE THEIR WORK IN ADVANCE OF PERFORMING ANY PAVING OPERATIONS OR OTHER FINISH WORK.
9. 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 RE□UIRED 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 STRUCTURES BE ORDERED. ANY FIELD ADJUSTMENTS TO LINE & GRADE UP TO A DEPTH OF 5 FEET SHALL BE INCLUDED IN THE COST OF THE PIPE. PIPE EXCAVATION GREATER THAN 5 FEET WILL BE PAID UNDER CLASS B TRENCH EXCAVATION.
10. THE CONTRACTOR SHALL MAKE DETERMINATIONS OF SUBSURFACE CONDITIONS□INCLUDING THE LOCATION OF ROCK AND THE ACTUAL LOCATION OF UTILITIES OR OTHER FEATURES WHICH MAY AFFECT THE WORK.
11. 6' LENGTH GRANITE TRANSITION CURBS SHALL BE INSTALLED WHERE PROPOSED GRANITE CURB ENDS AND HMA BERM OR NO EDGE TREATMENT BEGINS.
12. THE CONTRACTOR SHALL CAUSE AS LITTLE INTERFERENCE AND INCONVENIENCE TO ABUTTERS AS POSSIBLE. THE CONTRACTOR SHALL MAINTAIN SAFE AND CONVENIENT ACCESS TO PRIVATE PROPERTIES AT ALL TIMES.
13. THE FLOW OF TRAFFIC THROUGH CONSTRUCTION □ONES IN EXISTING PUBLIC WAYS SHALL BE MAINTAINED AT ALL TIMES UNLESS OTHERWISE SPECIFIED ON THE PLANS AND IN THE SPECIAL PROVISIONS.
14. ALL PERMANENT PAVEMENT MARKINGS SHALL BE THERMOPLASTIC.
15. A MINIMUM OF 4" LOAM AND SEED SHALL BE PLACED AS NOTED ON THE PLANS AND ON DISTURBED AREAS.
16. FOR OTHER NOTES□REFER TO SPECIFIC PLANS AND DETAILS.



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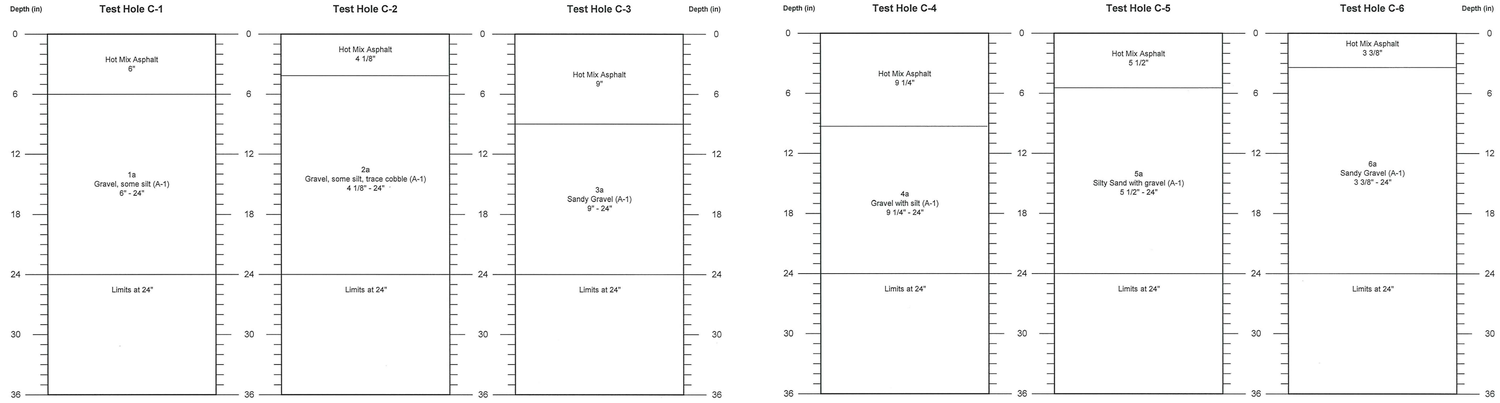
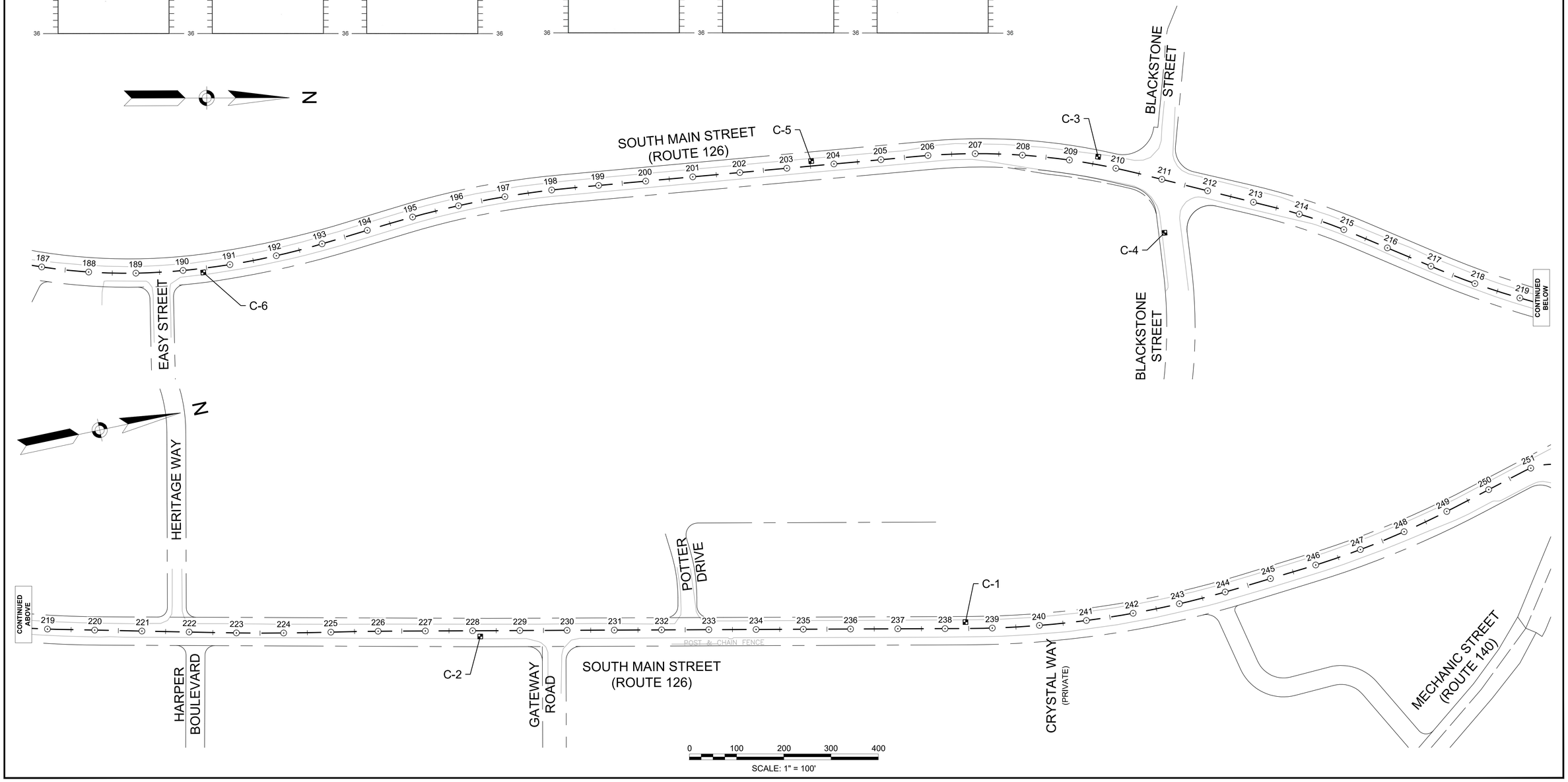
BELLINGHAM
SOUTH MAIN STREET (ROUTE 126)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	4	160
PROJECT FILE NO.	608887		

BORING LOGS





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PAVEMENT NOTES

PROPOSED FULL DEPTH RECLAMATION

SURFACE: 1.75" SUPERPAVE SURFACE COURSE 12.5 (SSC-12.5) OVER

INTERMEDIATE: 2.25" SUPERPAVE INTERMEDIATE COURSE 19.0 (SIC-19.0) OVER

BASE: 4.50" SUPERPAVE BASE COURSE 37.5 (SBC-37.5) OVER

SUBBASE: 4" RECLAIMED PAVEMENT (STABILI□ED WITH EMULSIFIED ASPHALT) OVER
8" RECLAIMED PAVEMENT FOR SUB-BASE

12" RECLAMATION DEPTH

ASPHALT EMULSION FOR TACK COAT AT 0.06-0.08 GAL□SY OVER
BASE COURSE AND INTERMEDIATE COURSE

NOTE:
1. FOLLOWING THE FIRST PASS OF RECLAMATION□EXCAVATE BOX WIDENING AND SUBGRADE BENEATH RECLAIMED MATERIAL AS RE□UIRED TO DEPTH TO MEET LINES & GRADES□ IMPORT GRAVEL BORROW AS RE□UIRED□GRADE AND COMPACT RECLAIMED AND GRAVEL BORROW MATERIAL IN NOT TO EXCEED 8" THICK LAYER□PERFORM SECOND RECLAMATION PASS□AND FINE GRADE□ COMPACT□AND STABILI□E FULL WIDTH OF ROADWAY. EXIST GRAVEL MATERIAL PASSING AND ACCEPTED SHALL REMAIN.
2. THE CONTRACTOR SHALL PERFORM PAVEMENT MILLING TO REDUCE PAVEMENT DEPTH TO A MAXIMUM OF 6" DEPTH IN ORDER TO PERFORM RECLAMATION OPERATIONS TO ACHIEVE A 50□50 RATIO OF ASPHALT PAVEMENT TO UNDERLYING GRANULAR BASE.
3. ALL UTILITY STRUCTURES AND STEEL FRAMES SHALL BE LOWERED BENEATH THE RECLAIM DEPTH PER SECTION 403.

PROPOSED VARIABLE DEPTH MILL & OVERLAY

PAVEMENT
FINE MILLING: 1.75" ±0.75"

SURFACE: 1.75" SUPERPAVE SURFACE COURSE 12.5 (SSC-12.5) OVER

INTERMEDIATE: 2.25" SUPERPAVE INTERMEDIATE COURSE 19.0 (SIC-19.0)

ASPHALT EMULSION FOR TACK COAT AT 0.07-0.09 GAL□SY OVER
EXISTING PAVEMENT OR MILLED SURFACE
AND AT 0.06-0.08 GAL□SY OVER INTERMEDIATE COURSE

NOTE: THE INTENT OF THE INTERMEDIATE COURSE IS TO MOVE THE EXISTING CROWN LINE TO THE PROPOSED LOCATION SHOWN ON THE TYPICAL SECTIONS AND MEET GRADES SHOWN ON THE CURB TIE AND GRADING PLANS. SEE DETAIL ON SHEET 72. THE MINIMUM COMPACTED THICKNESS OF SIC-19.0 IS 2.25".

PROPOSED FULL DEPTH PAVEMENT - BOX WIDENING GREATER THAN 4 FT
& PERMANENT HOT MIX ASPHALT PATCHING

SURFACE: 1.75" SUPERPAVE SURFACE COURSE 12.5 (SSC-12.5) OVER

INTERMEDIATE: 2.25" SUPERPAVE INTERMEDIATE COURSE 19.0 (SIC-19.0) OVER

BASE: 4.50" SUPERPAVE BASE COURSE - 37.5 (SBC-37.5) OVER

SUBBASE: 4" DENSE GRADED CRUSHED STONE OVER
8" GRAVEL BORROW - TYPE B OR EXCESS RECLAIMED MATERIAL

ASPHALT EMULSION FOR TACK COAT AT 0.06-0.08 GAL□SY OVER
BASE COURSE AND INTERMEDIATE COURSE

PROPOSED FULL DEPTH PAVEMENT - BOX WIDENING LESS THAN 4 FT

SURFACE: 1.75" SUPERPAVE SURFACE COURSE 12.5 (SSC-12.5) OVER

INTERMEDIATE: 2.25" SUPERPAVE INTERMEDIATE COURSE 19.0 (SIC-19.0) OVER

BASE: 6" HIGH EARLY STRENGTH CEMENT CONCRETE BASE COURSE

SUBBASE: 8" GRAVEL BORROW - TYPE B OR EXCESS RECLAIMED MATERIAL

ASPHALT EMULSION FOR TACK COAT AT 0.06-0.08 GAL□SY OVER
BASE COURSE AND INTERMEDIATE COURSE

PROPOSED PVMT MILL & OVERLAY

PAVEMENT
FINE MILLING: 1.75"

SURFACE: 1.75" SUPERPAVE SURFACE COURSE 12.5 (SSC-12.5) OVER

ASPHALT EMULSION FOR TACK COAT AT 0.07-0.09 GAL□SY OVER
EXISTING PAVEMENT OR MILLED SURFACE

BELLINGHAM
SOUTH MAIN STREET (ROUTE 126)

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MA	-	5	160
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TYPICAL SECTIONS - 1

PROPOSED CEMENT CONCRETE SIDEWALK□WHEELCHAIR RAMP

SURFACE: 4" CEMENT CONCRETE OVER

SUBBASE: 8" GRAVEL BORROW - TYPE B

PROPOSED GRAVEL DRIVEWAY

SURFACE: 8" GRAVEL BORROW - TYPE B

PROPOSED HOT MIX ASPHALT DRIVEWAY

SURFACE: 4.00" HOT MIX ASPHALT PAVEMENT PLACED IN TWO LAYERS:
1.50" SUPERPAVE SURFACE COURSE - 9.5 (SSC-9.5) OVER
2.50" SUPERPAVE SURFACE COURSE - 12.5 (SSC -12.5)

SUBBASE: 8" GRAVEL BORROW - TYPE B OR EXCESS RECLAIMED MATERIAL

PROPOSED HOT MIX ASPHALT SIDEWALK

SURFACE: 3.00" HMA FOR SIDEWALKS PLACED IN TWO LAYERS
1.25" SUPERPAVE SURFACE COURSE - 9.5 (SSC-9.5) OVER
1.75" SUPERPAVE SURFACE COURSE - 12.5 (SSC-12.5)

SUBBASE: 8" GRAVEL BORROW - TYPE B OR EXCESS RECLAIMED MATERIAL

PROPOSED TEMPORARY HOT MIX ASPHALT PATCHING

SURFACE: 3.00" SUPERPAVE INTERMEDIATE COURSE - 19.0 (SIC-19.0) OVER
BASE: 8" GRAVEL BORROW - TYPE B OVER
COMPACTED TRENCH BACKFILL

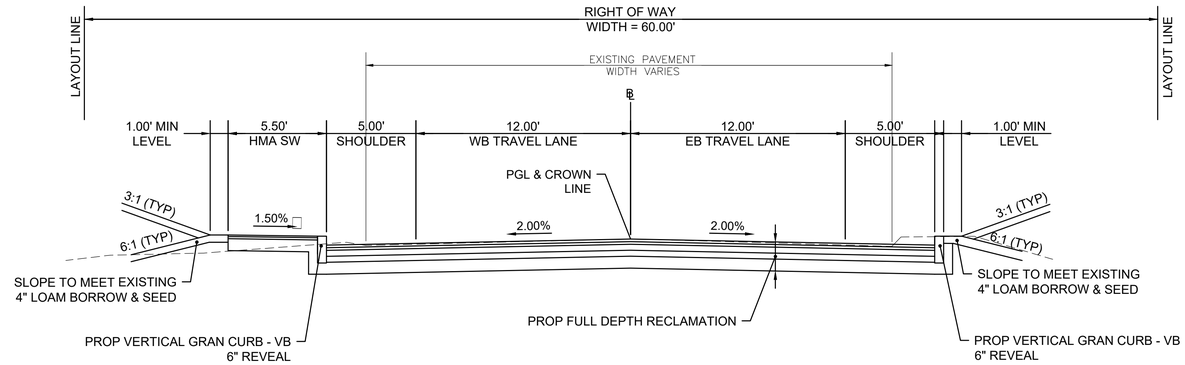
PROPOSED CRUSHED STONE DRIVEWAY

SURFACE: 4" DENSE GRADED CRUSHED STONE (ITEM 402.) OVER
BASE: 8" GRAVEL BORROW - TYPE B

BRICK WALK REMOVED AND RELAID

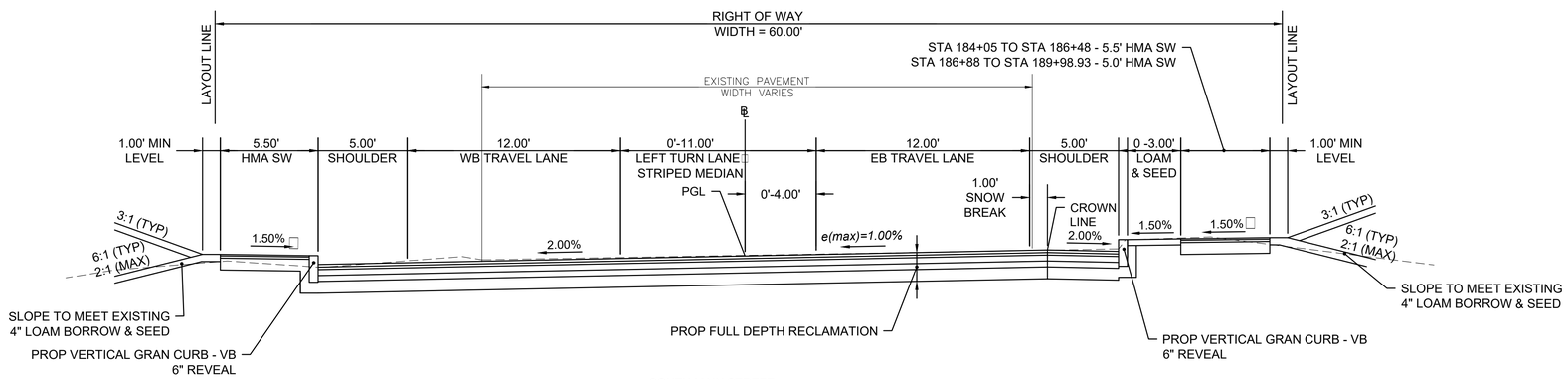
SURFACE: EXISTING BRICK PAVERS HAND TIGHT JOINTS - SWEPT W□
6:1 STONE DUST: DRY CEMENT MIX VIBRATED AND MISTED
TACK COAT - 2% NEOPRENE OXIDI□ED ASPHALT OVER
¾" - 1" HOT MIX ASPHALT LEVELING BED 7% ASPHALT - 93% SAND OVER

SUBBASE: 8" GRAVEL BORROW - TYPE B



SOUTH MAIN STREET
STA. 183+42 TO STA 183+73.81
SCALE: 1" = 4'

□0.5% CONSTRUCTION TOLERANCE



SOUTH MAIN STREET
STA. 184+05 TO STA. 189+98.93
SCALE: 1" = 4'

□0.5% CONSTRUCTION TOLERANCE

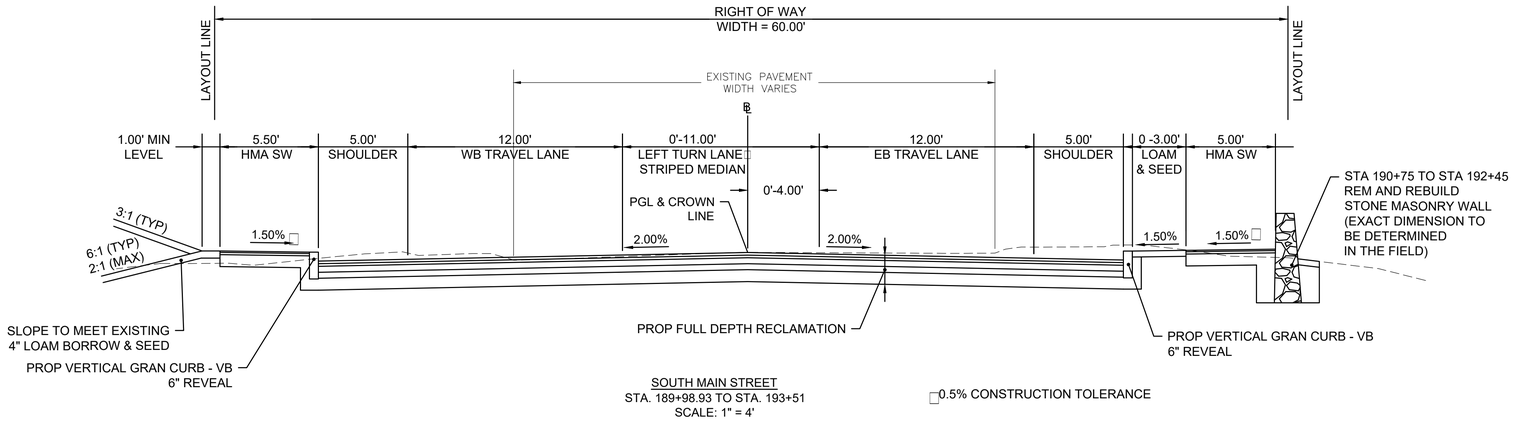
608887_HD(TYP).DWG Plotted on 29-Oct-2020 10:09 PM

BELLINGHAM
SOUTH MAIN STREET (ROUTE 126)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	6	160
PROJECT FILE NO.	608887		

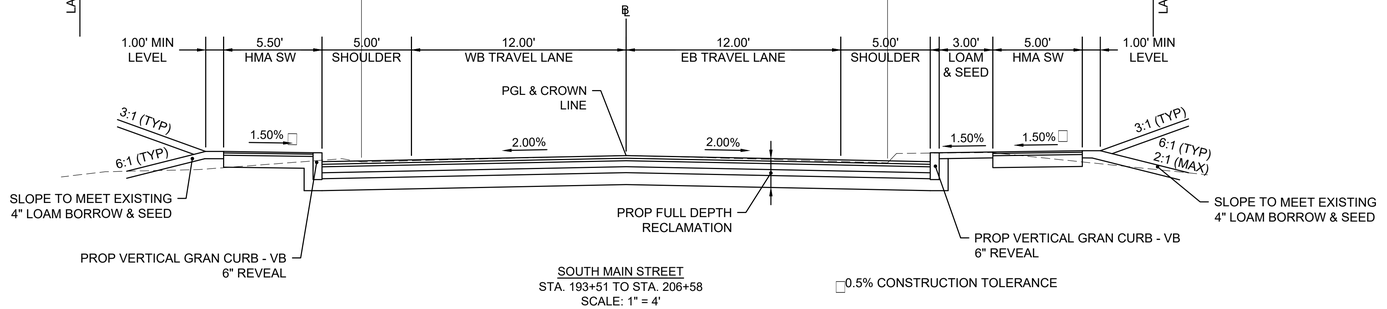
TYPICAL SECTIONS - 2

608887_HD(TYP).DWG Plotted on 29-Oct-2020 10:10 PM



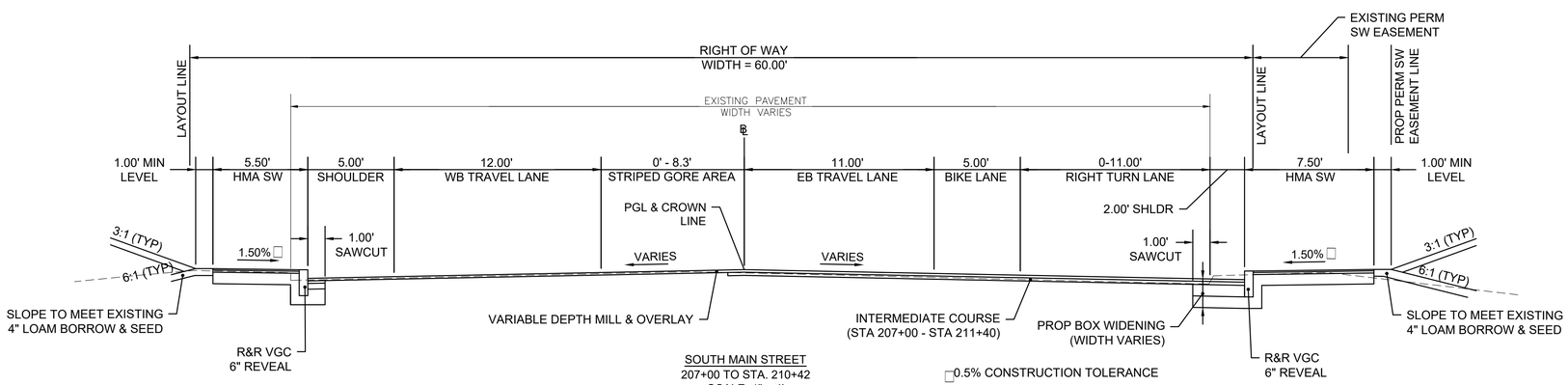
SOUTH MAIN STREET
STA. 189+98.93 TO STA. 193+51
SCALE: 1" = 4'

□0.5% CONSTRUCTION TOLERANCE



SOUTH MAIN STREET
STA. 193+51 TO STA. 206+58
SCALE: 1" = 4'

□0.5% CONSTRUCTION TOLERANCE



SOUTH MAIN STREET
207+00 TO STA. 210+42
SCALE: 1" = 4'

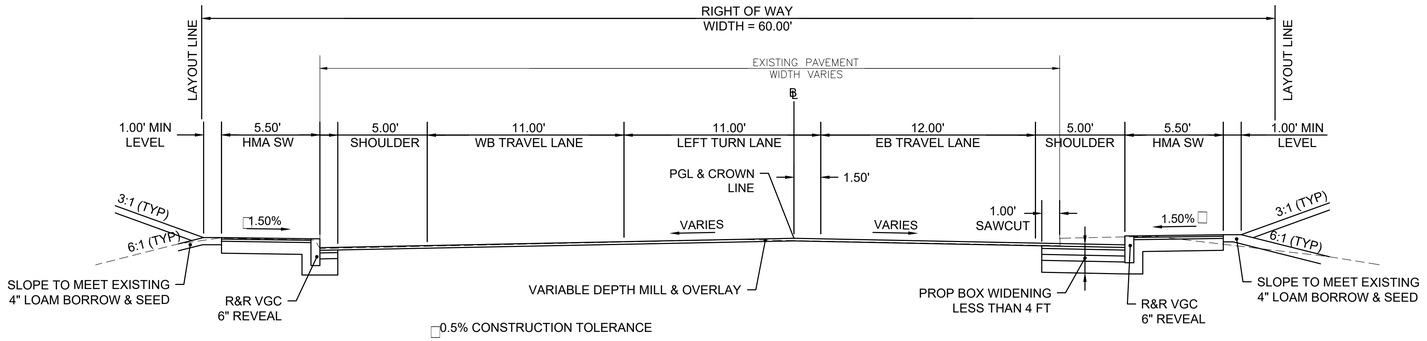
□0.5% CONSTRUCTION TOLERANCE

BELLINGHAM
SOUTH MAIN STREET (ROUTE 126)

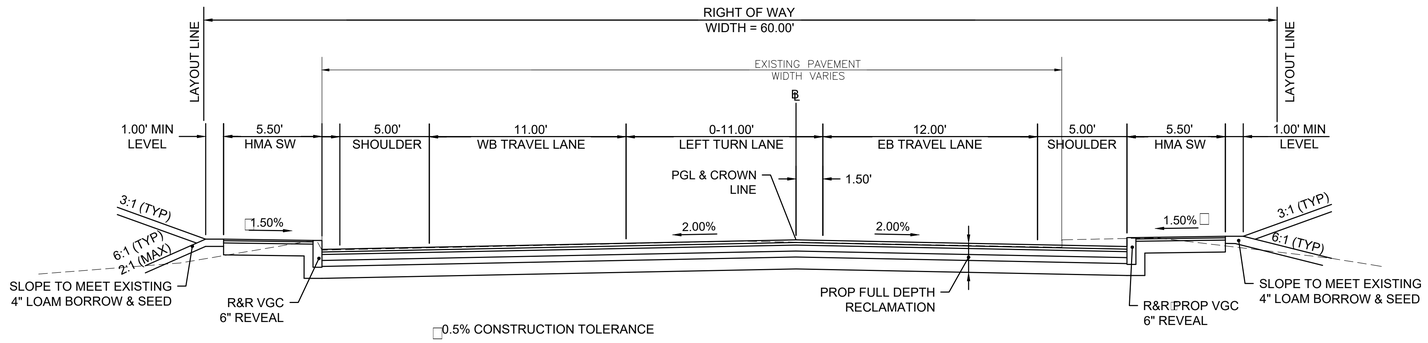
STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	7	160
PROJECT FILE NO.	608887		

TYPICAL SECTIONS - 3

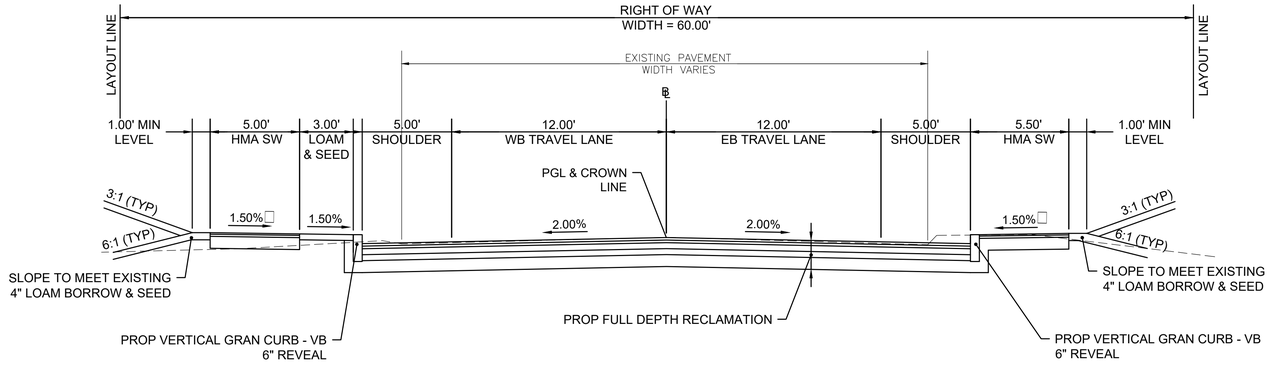
608887_HD(TYP).DWG Plotted on 29-Oct-2020 10:10 PM



SOUTH MAIN STREET
211+72 TO STA. 212+50
SCALE: 1" = 4'



SOUTH MAIN STREET
212+50 TO STA. 215+26
SCALE: 1" = 4'



SOUTH MAIN STREET
STA. 215+57 TO STA 222+00
SCALE: 1" = 4'

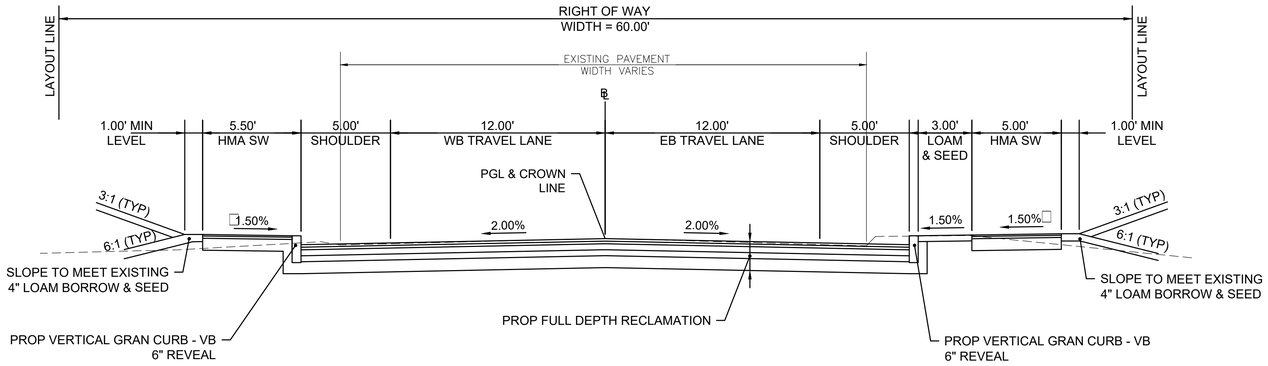
0.5% CONSTRUCTION TOLERANCE

BELLINGHAM
SOUTH MAIN STREET (ROUTE 126)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	8	160
PROJECT FILE NO.	608887		

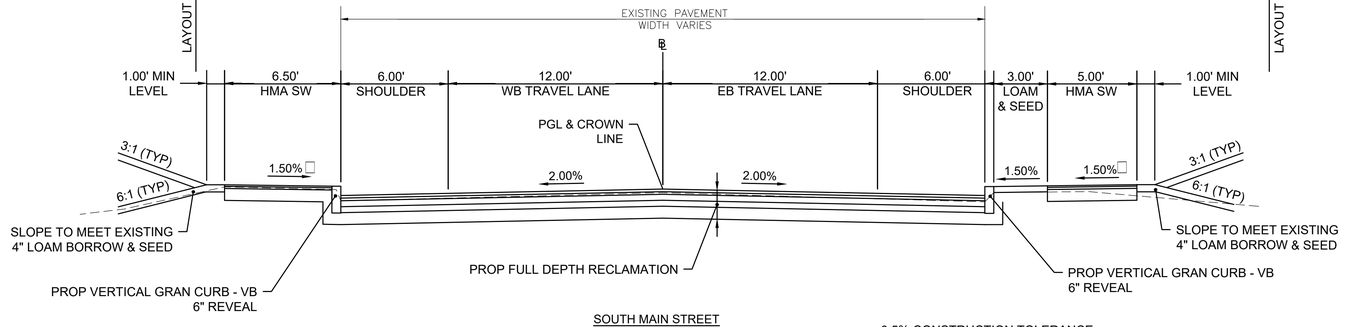
TYPICAL SECTIONS - 4

608887_HD(TYP).DWG Plotted on 29-Oct-2020 10:11 PM



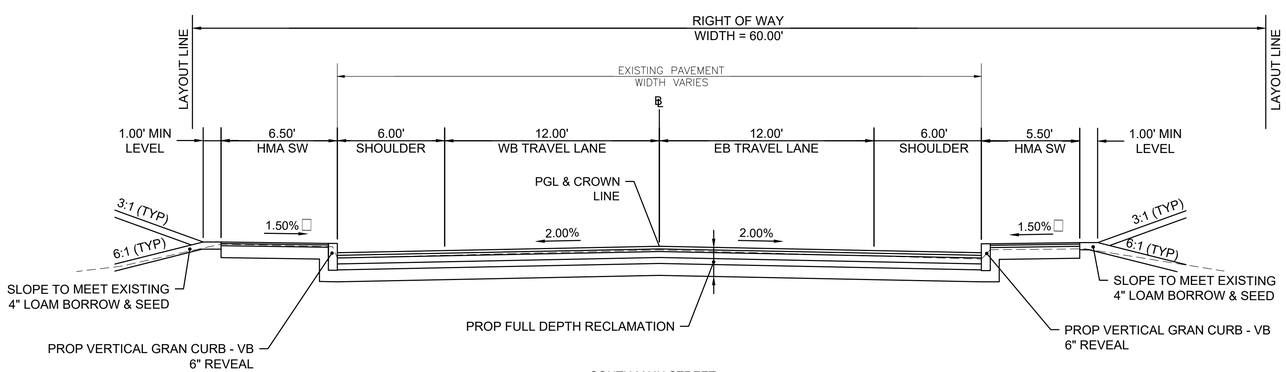
SOUTH MAIN STREET
STA. 222+00 TO STA 232+50
SCALE: 1" = 4'

□0.5% CONSTRUCTION TOLERANCE



SOUTH MAIN STREET
STA. 234+00 TO STA. 240+45
SCALE: 1" = 4'

□0.5% CONSTRUCTION TOLERANCE



SOUTH MAIN STREET
STA. 240+45 TO STA. 247+50
SCALE: 1" = 4'

□0.5% CONSTRUCTION TOLERANCE

HIGHWAY GUARD DETAILS

STA 181+88.0 TO STA 182+00.5 RT (FLARED END)
STA 182+00.5 TO STA 182+80.0 RT (GUARDRAIL TL-3 STRAIGHT)
STA 182+80.0 TO STA 182+92.5 RT (TANGENT END)

TRAFFIC SIGNAL CONDUIT

NONE

WATER SUPPLY ALTERATIONS

SEE SHEET 60

DRAINAGE DETAILS

SEE SHEET 60

BELLINGHAM
SOUTH MAIN STREET (ROUTE 126)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	9	160
PROJECT FILE NO.	608887		

CONSTRUCTION PLAN - 1

608887_HD(CP).DWG Plotted on 29-Oct-2020 10:14 PM

980 SOUTH MAIN ST N/F LEE J. & EMELIA LEELAND DEED BOOK 6825, PAGE 462 ASSESSOR'S MAP 64, LOT 1

984 SOUTH MAIN ST N/F BRIAN T. & ANA P. MURPHY DEED BOOK 19495, PAGE 315 ASSESSOR'S MAP 64, LOT 2

988 SOUTH MAIN ST N/F CHARLES & GERALDINE M. OBRIEN DEED BOOK 21222, PAGE 31 ASSESSOR'S MAP 64, LOT 3

992 SOUTH MAIN ST N/F NORMAND R. & CLAIRE J. PARENTEAU DEED BOOK 5380, PAGE 577 ASSESSOR'S MAP 64, LOT 4

996 SOUTH MAIN ST N/F JAMES W. & PAULA J. NIEVA DEED BOOK 7946, PAGE 438 ASSESSOR'S MAP 64, LOT 5

1000 SOUTH MAIN ST N/F JASH REALTY TRUST DEED BOOK 32433, PAGE 32 ASSESSOR'S MAP 64, LOT 6

1010 SOUTH MAIN ST N/F WALTON A. & ROSEMARY H. WEBSON DEED BOOK 16312, PAGE 352 ASSESSOR'S MAP 63, LOT 27

985 SOUTH MAIN ST N/F E JAY REALTY TRUST DEED BOOK 13834, PAGE 228 ASSESSOR'S MAP 64, LOT 209

989 SOUTH MAIN ST N/F STEVEN J. CHISHOLM DEED BOOK 32659, PAGE 534 ASSESSOR'S MAP 64, LOT 213-2

19 DOUGLAS DR N/F 284 REUNION NOMINEE TRUST DEED BOOK 25228, PAGE 458 ASSESSOR'S MAP 64, LOT 190

SOUTH MAIN STREET ROUTE 126
(PUBLIC - 1950 COUNTY LAYOUT - 60' WIDE)

DOUGLAS DRIVE
(PUBLIC - 40' WIDE - 1952 LAYOUT)

1950 COUNTY LAYOUT
1952 TOWN LAYOUT
SOUTH MAIN STREET CONSTRUCTION ℄

PROP GUARDRAIL FLARED END
PROP SEDIMENT CONTROL BARRIER
PROP HMA DWY
REM 4 BUSHES
3" REVEAL
SAW CUT & MEET EXISTING
REM TREE
PROP PVMT MILL & OVERLAY
SAWCUT
R&D HWY GUARDRAIL
RET MB
N19°57'54"E 443.00'
R&R MB
R&R SB
PC +18.81
BOS
PROP GUARDRAIL TL-3
PROP TREE PROTECTION
PROP SEDIMENT CONTROL BARRIER
PROP GUARDRAIL TANGENT END
BEGIN PROJECT MEET EXISTING STA 182+35.00 N 2849661.5139 E 662761.4862
PROP PERM EASEMENT
PROP LOAM & SEED
RET HEDGES
RET BLOCK WALL
PROP HMA DWY
PROP TREE PROTECTION
PROP HMA DWY
PROP HMA DWY
RET STONE WALL
PROP LOAM & SEED
R&S WOOD CURB
PROP VGC
PROP 5.5' HMA SW
PROP VGC MB
PROP PVMT RECLAMATION
PROP TEMP EASEMENT
PROP HMA SW AT DWY (TYP)
PROP CLEARING & GRUBBING STA 185+35 TO STA 185+75
PROP SELECTIVE CLEARING & THINNING STA 184+75 TO STA 185+15
PROP HMA DWY
PROP TEMP EASEMENT
PROP HMA DWY
PROP HMA SW AT DWY (TYP)
PROP CC WCR
PROP LOAM & SEED
RET HEDGES
3" REVEAL
R&D HEDGES
PROP LOAM & SEED
PROP VGC
PROP PERM EASEMENT
REM TREE
R&D 1 BUSH
R&D 4 BUSHES
PROP HMA DWY
RET POST
PROP CC WCR
PROP PERM EASEMENT
PROP CC WCR
PROP PERM EASEMENT
PROP PVMT MILL & OVERLAY
PROP SAWCUT
PROP LOAM & SEED
PROP 5' HMA SW
PROP VGC
PROP HMA DWY
PROP TEMP EASEMENT
LIMIT OF WORK MEET EXISTING STA 21+15.00 N 2850051.5731 E 662995.7726
STA 186+73.00 SOUTH MAIN STREET= STA 20+00.00 DOUGLAS DRIVE

△=25°33'01" R=1200.00' L=535.12' T=272.08'
T=26.16' L=52.00' R=200.00' △=14°54'07"
PC +36.03
PT +88.05
S82°10'18"E 36.03'
S67°16'11"E 78.11'
15.51'
13.40'
17.00'
24.00'
21.00'

EXISTING BUILDING #984
EXISTING BUILDING #988
EXISTING BUILDING #992
EXISTING BUILDING #996
EXISTING BUILDING #1000
EXISTING BUILDING
GARAGE DOOR
FF=285.78'
FF=290.34'
FF=291.37'
FF=293.14'

182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221

HIGHWAY GUARD DETAILS
NONE

TRAFFIC SIGNAL CONDUIT
NONE

WATER SUPPLY ALTERATIONS
SEE SHEET 61

DRAINAGE DETAILS
SEE SHEET 61

BELLINGHAM
SOUTH MAIN STREET (ROUTE 126)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	10	160
PROJECT FILE NO.		608887	

CONSTRUCTION PLAN - 2

608887_HD(CP).DWG Plotted on 29-Oct-2020 10:15 PM

N

1010 SOUTH MAIN ST
N/F
WALTON A. & ROSEMARY H. WEBSON
DEED BOOK 16312, PAGE 352
ASSESSOR'S
MAP 63, LOT 27

1040 SOUTH MAIN ST
N/F
OMAR H. & BARBARA E. WENGER
DEED BOOK 28722, PAGE 303
ASSESSOR'S
MAP 59, LOT 5

1020 SOUTH MAIN ST
N/F
GAYLE L. ABRAMS
DEED BOOK 29159, PAGE 135
ASSESSOR'S
MAP 59, LOT 4

CONTINUED ON SHEET NO. 9

CONTINUED ON SHEET NO. 11

PROP HMA DWY
PROP TREE PROTECTION
PROP GRAVEL DWY
RET GATE & POST
STA 189+54.08 SOUTH MAIN STREET=
STA 10+00.00 EASY STREET
R&D BUSHES
PROP PERM EASEMENT
PROP TEMP EASEMENT
REM CROPS AS REQ'D
PROP LOAM & SEED
PROP CEM CONC WCR
RET
R&S WOOD FENCE
PROP HMA DWY
R&R MB
RET BUSH & TREE
PROP LOAM & SEED
RET PLANTER
TEMPORARY TREE PROTECTION FENCE (TYP)
PROP HMA DWY
RET
BOS
MB
R&R MB
REM STUMP
PROP LOAM & SEED
1950 COUNTY LAYOUT
PROP 5.5' HMA SW
PROP VGC
Δ=25°33'01"
R=1200.00'
L=535.12'
T=272.08'
188
189
190
191
192
193
PCC +53.93
PT +08.24
Δ=13°05'49"
R=1550.00'
L=354.30'
T=177.93'
SOUTH MAIN STREET CONSTRUCTION ℄
N18°40'56"W
142.73'
17.00'
24.00'
21.00'
PROP 3' LOAM & SEED
R&R MB
PROP VGC
PROP 5' HMA SW
PROP HMA DWY
PROP PERM EASEMENT
PROP CEM CONC WCR
PROP PVMT RECLAMATION W/WIDENING
PROP 3' LOAM & SEED (TYP)
R&R BALANCED STONE WALL
PROP LOAM & SEED
PROP 5.5' HMA SW
PROP HMA SW
PROP LOAM & SEED
R&D HEDGES
PROP TEMP EASEMENT
PROP SAWCUT
PROP PVMT MILL & OVERLAY
REM AND REBUILD STONE MASONRY WALL STA 190+76 TO STA 192+35
PROP CLEARING & GRUBBING STA 191+50 TO STA 192+35 PROP LOAM & SEED
STA 190+89 TO STA 191+12 EXTEND HMA SIDEWALK TO CURB
PROP HMA SW AT DWY (TYP)
RET SRW
PROP HMA DWY
PROP PERM EASEMENT
TEMPORARY TREE PROTECTION FENCE
200.00'
N86°10'18"E
11

SOUTH MAIN STREET
ROUTE 126
(PUBLIC - 1950 COUNTY LAYOUT - 60' WIDE)

EASY STREET
(PUBLIC - 1952 TOWN LAYOUT - 50' WIDE)

1952 TOWN LAYOUT

LIMIT OF WORK
MEET EXISTING
STA 11+10.00
N 2850368.2955
E 663000.4084

1007 SOUTH MAIN ST
N/F
GEORGE J. CLAFFEY
DEED BOOK 15043, PAGE 576
ASSESSOR'S
MAP 64, LOT 208

1015 SOUTH MAIN ST
N/F
CATHERINE ROGOZYN
DEED BOOK 6233, PAGE 397
ASSESSOR'S
MAP 64, LOT 8

1019 SOUTH MAIN ST
N/F
MON REPOS REALTY TRUST
DEED BOOK 7714, PAGE 551
ASSESSOR'S
MAP 64, LOT 7

1 SOUTH MAIN ST
N/F
284 REUNION
OMINEE TRUST
OK 25228, PAGE 458
ASSESSOR'S
64, LOT 191

11 EASY ST
N/F
STEPHEN FREDERICK &
STEPHANIE M. DUPONTE
DEED BOOK 13193, PAGE 448
ASSESSOR'S
MAP 64, LOT 207

10 EASY ST
N/F

EXISTING BUILDING #1007
FF=295.14'
EXISTING BUILDING #1015
FF=297.08'
EXISTING BUILDING #1021

PAVED DRIVE
GRAVEL DRIVE
PLANTER
GARAGE
HEDGE
LEACH FIELD
STONE RET. WALL
100' BUFFER-BANK
25' LOCAL BUFFER-BANK
COPPER ROD W/PUNCH MARK

WF#S6-1
WF#S6-2
WF#S6-3
WF#S6-4
WF#S6-5
WF#S6-6
WF#S6-7
WF#S6-8
WF#S6-9
WF#S6-10
WF#S6-11
WF#S6-12
WF#S6-13
WF#S6-14
WF#S6-15
WF#S6-16
WF#S6-17
WF#S6-18
WF#S6-19
WF#S6-21
BVW

SEE SHEET 76 - 78 FOR WCR DETAILS
SEE SHEET 77 FOR DRIVEWAY DETAILS
FOR PROFILE SEE SHEET 21 & 25

0 20 50 100
SCALE: 1" = 20'

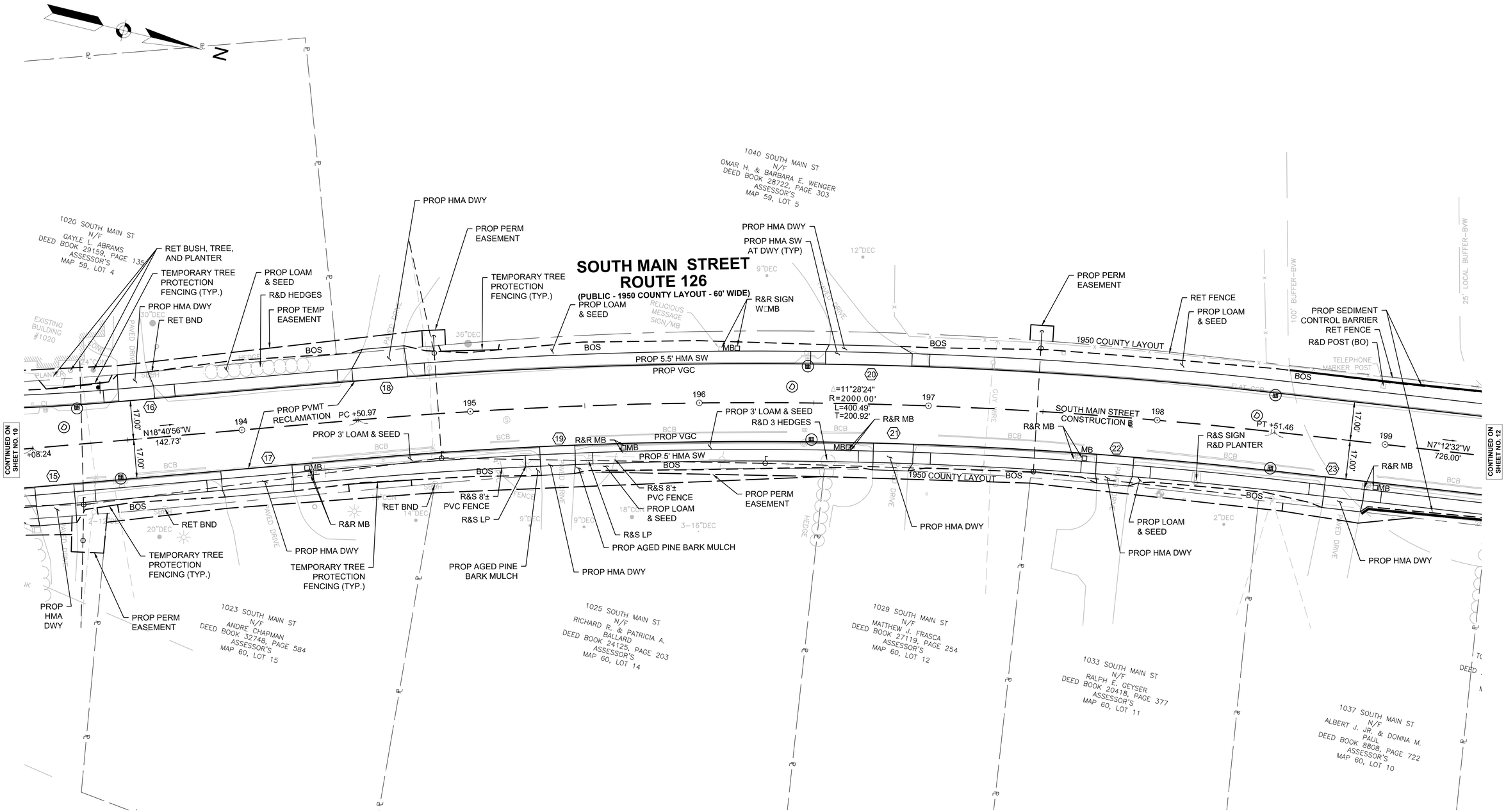
HIGHWAY GUARD DETAILS	TRAFFIC SIGNAL CONDUIT	WATER SUPPLY ALTERATIONS	DRAINAGE DETAILS
NONE	NONE	SEE SHEET 62	SEE SHEET 62

BELLINGHAM
SOUTH MAIN STREET (ROUTE 126)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	11	160
PROJECT FILE NO.	608887		

CONSTRUCTION PLAN - 3

608887_HD(CP).DWG Plotted on 29-Oct-2020 10:16 PM



HIGHWAY GUARD DETAILS

STA 200+59.5 TO STA 200+72 (FLARED END)
STA 200+72 TO STA 201+31.5 (GUARDRAIL - TL□3 STRAIGHT)
STA 201+31.5 TO STA 201+44 (FLARED END)

TRAFFIC SIGNAL CONDUIT

NONE

WATER SUPPLY ALTERATIONS

SEE SHEET 63

DRAINAGE DETAILS

SEE SHEET 63

BELLINGHAM
SOUTH MAIN STREET (ROUTE 126)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	12	160
PROJECT FILE NO.	608887		

CONSTRUCTION PLAN - 4

608887_HD(CP).DWG Plotted on 29-Oct-2020 10:17 PM

N

SOUTH MAIN STREET
ROUTE 126
(PUBLIC - 1950 COUNTY LAYOUT - 60' WIDE)

1040 SOUTH MAIN ST
N/F
OMAR H. & BARBARA E. WENGER
DEED BOOK 28722, PAGE 303
ASSESSOR'S
MAP 59, LOT 5

1040 SOUTH MAIN ST
N/F
OMAR H. & BARBARA E. WENGER
DEED BOOK 28722, PAGE 303
ASSESSOR'S
MAP 59, LOT 5

25' LOCAL BUFFER-BVW
100' BUFFER-BVW
STONE HEADWALL
APPROX WETLAND BOUNDARY (DIGITIZED)
BVW
4.5' WOOD AND WIRE FENCE
4.5' POST AND WIRE FENCE ELECTRIFIED
RET FENCE
R&D POST (BO)
PROP SEDIMENT CONTROL BARRIER
PROP LOAM & SEED
PROP TREE PROTECTION
PROP HMA DWY
PROP HMA SW AT DWY (TYP)
PROP TEMP EASEMENT
RET SRW
STONE RET. WALL
WILD DRIVE
3" POST
RET POST
GRAVEL PARKING AREA
RET SIGN
RAILROAD TIE RET. WALL
CONC. PAVERS
1950 COUNTY LAYOUT
PROP LOAM & SEED
RET RR TIE WALL
RET MB
RET
CONCRETE
PAVED
BOS
PROP 5.5' HMA SW
PROP VGC
CL
25
26
3" REVEAL
PROP PVMT RECLAMATION
RET CONC PAVERS
CONTINUED ON SHEET NO. 11
CONTINUED ON SHEET NO. 13
199
200
SOUTH MAIN STREET
CONSTRUCTION ℄
201
202
203
204
205
N7°12'32"W
726.00'
17.00'
R&R MB
PROP 3' LOAM & SEED
R&R MB
24
PROP SELECTIVE CLEARING & THINNING
PROP 3' LOAM & SEED
MB
BCB
PROP VGC
27
PROP 5' HMA SW
PROP CLEARING & GRUBBING STA 202+70 TO STA 203+55
PROP HMA DWY
R&R MB
R&R SCHOOL ZONE SIGNAL ASSEMBLY
PROP SEDIMENT CONTROL BARRIER
1950 COUNTY LAYOUT
TEMPORARY TREE PROTECTION FENCE (TYP.)
PROP HMA DWY
PROP TEMP EASEMENT
PROP GUARDRAIL TL-3
PROP GUARDRAIL FLARED END
PROP SELECTIVE CLEARING & THINNING
PROP GUARDRAIL FLARED END
WF#G-1
WF#G-2
WF#G-3
WF#G-4
WF#G-5
WF#G-6
WF#S5-1
WF#G-7
WF#G-8
WF#G-9
WF#G-10
WF#G-11
WF#G-13
WF#G-14
WF#G-15
WF#S5-4
WF#G-16
WF#S5-5 CL
WF#S5-6
WF#S5-7
WF#G-17
WF#S5-8
WF#G-18
WF#S1-10
WF#D-15
WF#D-14
28 BLACKSTONE ST
N/F
TOWN OF BELLINGHAM
SCHOOL LAND
DEED BOOK 4735, PAGE 651
ASSESSOR'S
MAP 60, LOT 7
1037 SOUTH MAIN ST
N/F
ALBERT J. JR. & DONNA M. PAUL
DEED BOOK 8808, PAGE 722
ASSESSOR'S
MAP 60, LOT 10
1041 SOUTH MAIN ST
N/F
STEVEN M. CAVOSSA
DEED BOOK 34008, PAGE 452
ASSESSOR'S
MAP 60, LOT 9
1051 SOUTH MAIN ST
N/F
CATHERINE ROGOZYN
DEED BOOK 6456, PAGE 428
ASSESSOR'S
MAP 60, LOT 9A
PAVED DRIVE
0 20 50 100
SCALE: 1" = 20'

SEE SHEET 76 - 78 FOR WCR DETAILS
SEE SHEET 77 FOR DRIVEWAY DETAILS
FOR PROFILE SEE SHEET 21-22

HIGHWAY GUARD DETAILS
NONE

TRAFFIC SIGNAL CONDUIT
SEE SHEET 52

WATER SUPPLY ALTERATIONS
SEE SHEET 64

DRAINAGE DETAILS
SEE SHEET 64

BELLINGHAM
SOUTH MAIN STREET (ROUTE 126)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	13	160
PROJECT FILE NO.	608887		

CONSTRUCTION PLAN - 5

608887_HD(CP).DWG Plotted on 29-Oct-2020 10:18 PM

N

1052 SOUTH MAIN ST
N/F
POWER TEST REALTY COMPANY
LIMITED PARTNERSHIP
DEED BOOK 6681, PAGE 209
ASSESSOR'S
MAP 59, LOT 5A

1056 SOUTH MAIN ST
N/F
ROLAND DESMARIAS
DEED BOOK 4210, PAGE 242
ASSESSOR'S
MAP 59, LOT 6

1060 SOUTH MAIN ST
N/F
RALPH P. & CAROLLE M.
LAWSON
DEED BOOK 4827, PAGE 344
ASSESSOR'S
MAP 59, LOT 7

1064 SOUTH MAIN ST
N/F
III PHASE ENTERPRISE, INC.
DEED BOOK 24881, PAGE 322
ASSESSOR'S
MAP 59, LOT 8

1051 SOUTH MAIN ST
N/F
CATHERINE ROGOZYN
DEED BOOK 6456, PAGE 428
ASSESSOR'S
MAP 60, LOT 9A

130 BLACKSTONE ST
N/F
TOWN OF BELLINGHAM
HIGH SCHOOL
DEED BOOK 3975, PAGE 676
ASSESSOR'S
MAP 60, LOT 8

SOUTH MAIN STREET
ROUTE 126
(PUBLIC - 1950 COUNTY LAYOUT - 60' WIDE)

SOUTH MAIN STREET CONSTRUCTION &

1950 COUNTY LAYOUT BOS

PROP HMA DWY
PROP LOAM & SEED
RET RR TIE WALL
RET MB
PROP CRUSHED STONE SURFACE
R&S P&R FENCE
PROP CONC CURB
RET CONC PAD
RET CONC CURB
PROP CEM CONC WCR
3" REVEAL
PROP HMA WALKWAY
PROP TEMP EASEMENT
RET SRW
R&S WOOD FENCE
R&R VGC
PROP SAWCUT
R&R MB
PROP 5.5' HMA SW
PROP CC WCR
TEMPORARY TREE PROTECTION FENCING (TYP.)
PROP 3' LOAM & SEED
PROP 5' HMA SW
PROP VGC
R&R SCHOOL ZONE SIGNAL ASSEMBLY
RET BD
PROP BOX WIDENING > 4FT STA 207+00 - STA 207+58
PROP BOX WIDENING < 4FT STA 207+58 - STA 208+60
STA 207+00.00 PROP SAWCUT END PVMT RECLAMATION BEGIN VARIABLE DEPTH MILL & OVERLAY
PROP VARIABLE DEPTH MILL & OVERLAY
PROP 7.5' HMA SW
REM TREE
RET WALKWAY
REM PLANTER
PROP PERM EASEMENT
PROP STORMWATER DRAINAGE BASIN (SEE SHEET 74-75)
PROP STORMWATER SEDIMENT FOREBAY (SEE SHEET 74-75)

N7°12'32"W 726.00'
PC +77.47
PT +47.11
N12°00'42"E 309.13'
△=19°13'14"
R=1400.00'
L=469.65'
T=237.05'

17.00'
29.00'
24.77'

CONTINUED ON SHEET NO. 12
CONTINUED ON SHEET NO. 14

SEE SHEET 76 - 78 FOR WCR DETAILS
SEE SHEET 77 FOR DRIVEWAY DETAILS
FOR PROFILE SEE SHEET 22

0 20 50 100
SCALE: 1" = 20'

HIGHWAY GUARD DETAILS
NONE

TRAFFIC SIGNAL CONDUIT
SEE SHEET 52

WATER SUPPLY ALTERATIONS
SEE SHEET 65

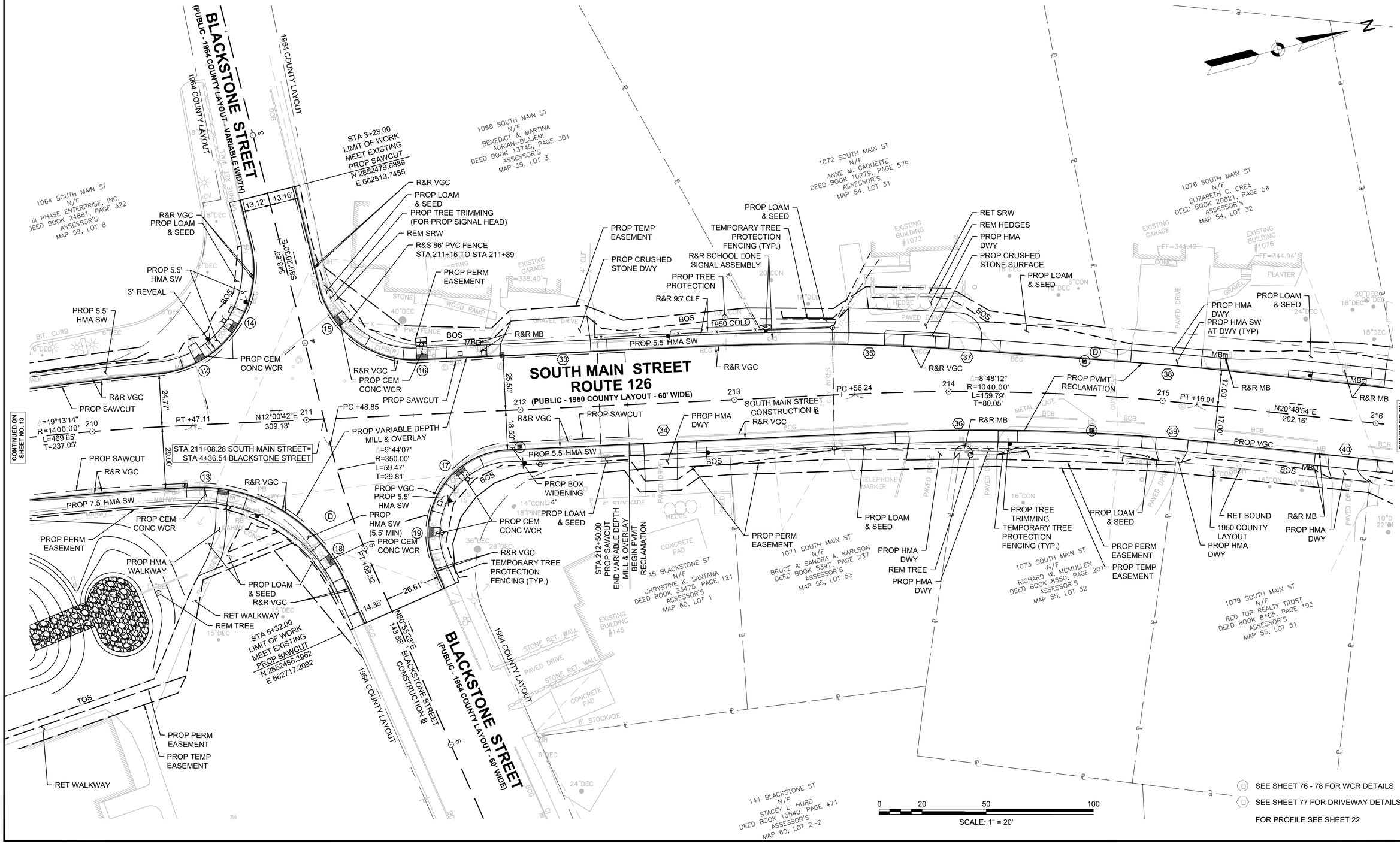
DRAINAGE DETAILS
SEE SHEET 65

BELLINGHAM
SOUTH MAIN STREET (ROUTE 126)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	14	160
PROJECT FILE NO.	608887		

CONSTRUCTION PLAN - 6

608887_HD(CP).DWG Plotted on 29-Oct-2020 10:19 PM



HIGHWAY GUARD DETAILS
NONE

TRAFFIC SIGNAL CONDUIT
NONE

WATER SUPPLY ALTERATIONS
SEE SHEET 66

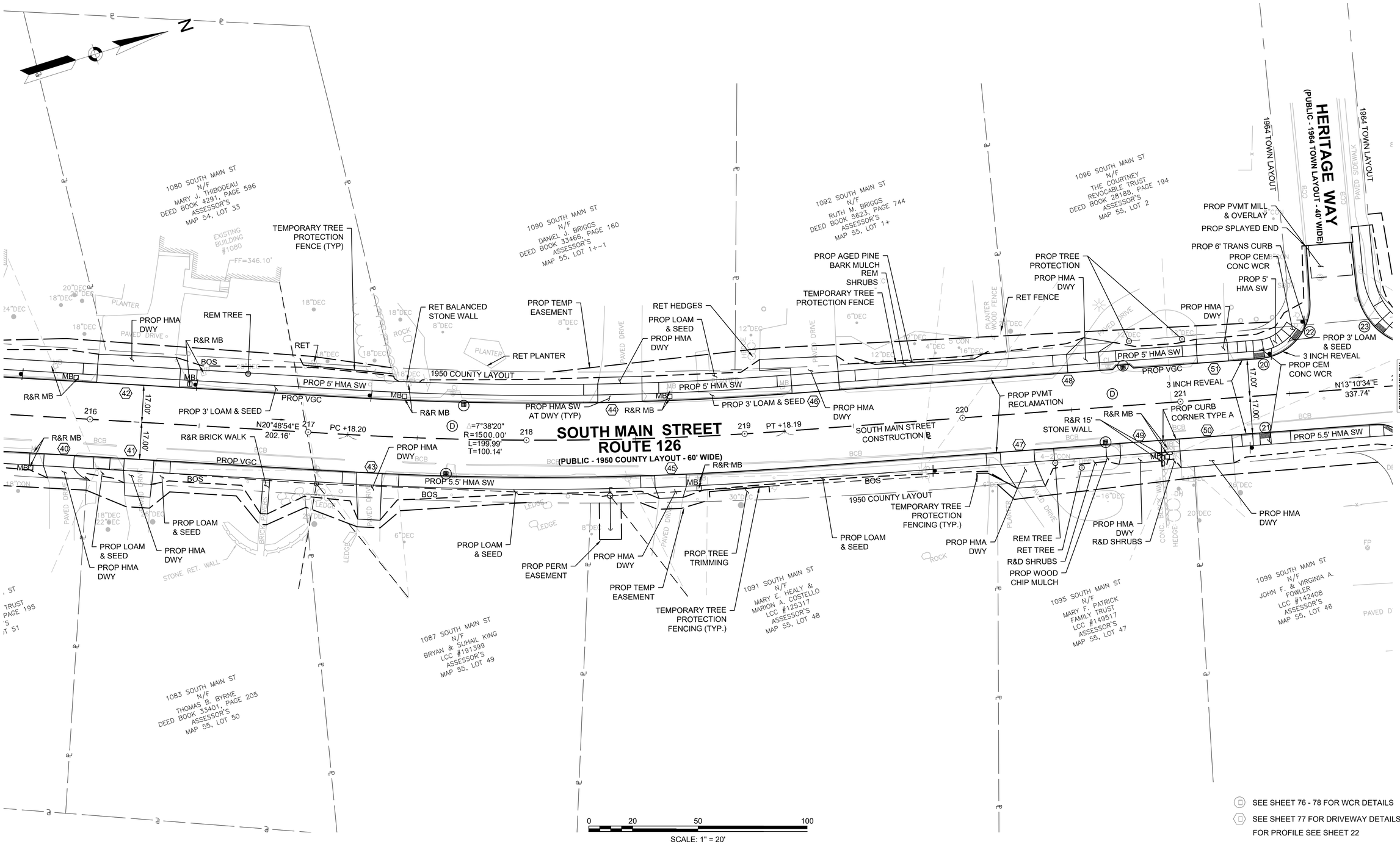
DRAINAGE DETAILS
SEE SHEET 66

BELLINGHAM
SOUTH MAIN STREET (ROUTE 126)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	15	160
PROJECT FILE NO.	608887		

CONSTRUCTION PLAN - 7

608887_HD(CP).DWG Plotted on 29-Oct-2020 10:19 PM



HIGHWAY GUARD DETAILS
NONE

TRAFFIC SIGNAL CONDUIT
NONE

WATER SUPPLY ALTERATIONS
SEE SHEET 67

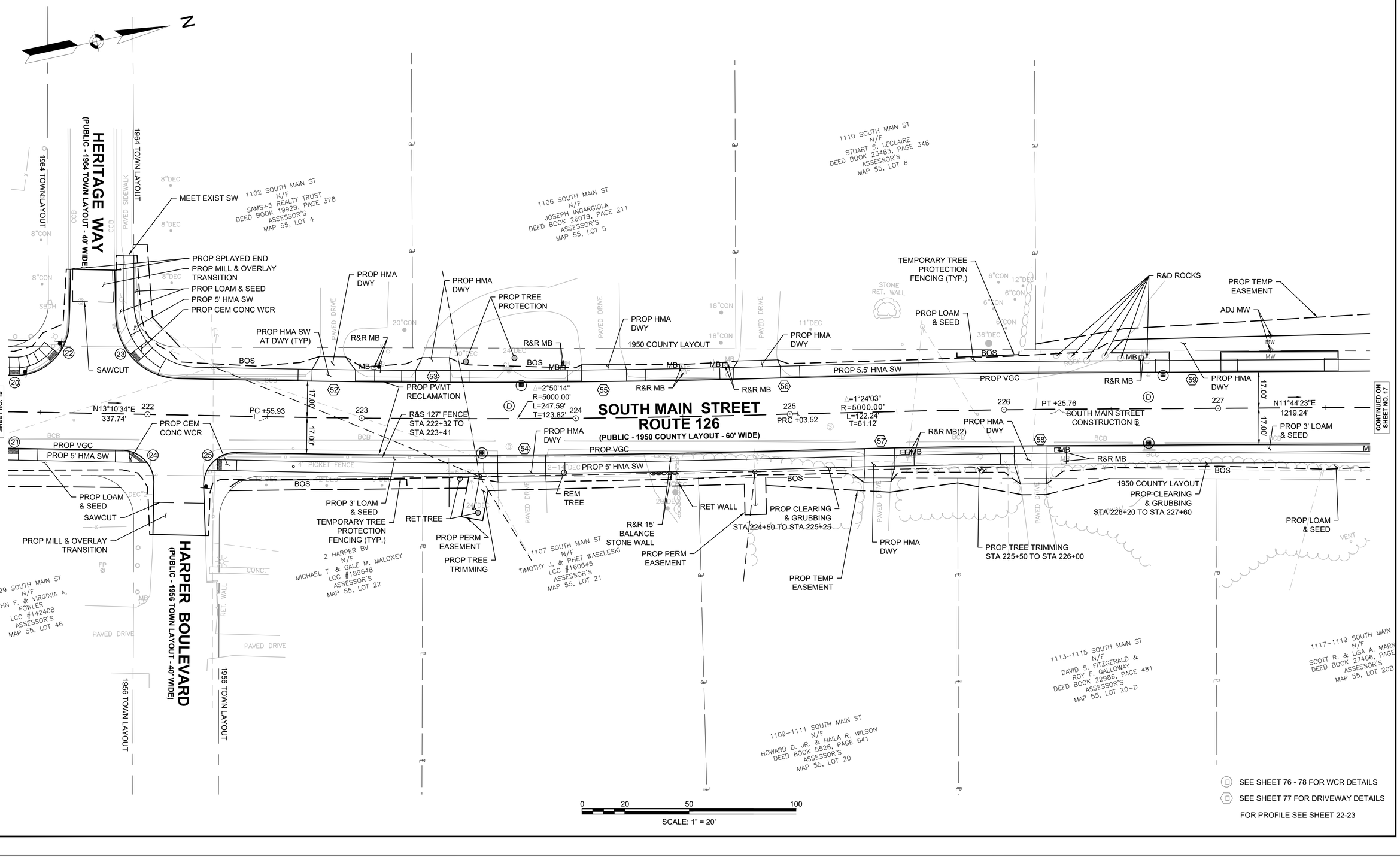
DRAINAGE DETAILS
SEE SHEET 67

BELLINGHAM
SOUTH MAIN STREET (ROUTE 126)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	16	160
PROJECT FILE NO.	608887		

CONSTRUCTION PLAN - 8

608887_HD(CP).DWG Plotted on 29-Oct-2020 10:20 PM



SEE SHEET 76 - 78 FOR WCR DETAILS

SEE SHEET 77 FOR DRIVEWAY DETAILS

FOR PROFILE SEE SHEET 22-23

HIGHWAY GUARD DETAILS
NONE

TRAFFIC SIGNAL CONDUIT
NONE

WATER SUPPLY ALTERATIONS
SEE SHEET 68

DRAINAGE DETAILS
SEE SHEET 68

BELLINGHAM
SOUTH MAIN STREET (ROUTE 126)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	17	160
PROJECT FILE NO.	608887		

CONSTRUCTION PLAN - 9

608887_HD(CP).DWG Plotted on 29-Oct-2020 10:21 PM

N

1114 SOUTH MAIN ST N/F
1114 SOUTH MAIN STREET REALTY TRUST
LCC #150032
ASSESSOR'S MAP 55, LOT 7

1128 SOUTH MAIN ST N/F
ROBERT & MARY DEBONISE
DEED BOOK 4631, PAGE 365
ASSESSOR'S MAP 55, LOT 8

2 POTTER DR N/F
SUSAN M. VIENNEAU
DEED BOOK 7920, PAGE 498
ASSESSOR'S MAP 55, LOT 10

3 POTTER RD N/F
BARBARA SHAW
DEED BOOK 4373, PAGE 56
ASSESSOR'S MAP 55, LOT 16

1132 SOUTH MAIN ST N/F
DURKIN FAMILY TRUST
DEED BOOK 13648, PAGE 243
ASSESSOR'S MAP 55, LOT 9

1136 SOUTH MAIN ST N/F
NANCY I COLE
DEED BOOK 15502, PAGE 393
ASSESSOR'S MAP 55, LOT 17

POTTER DRIVE
(PUBLIC - 40' WIDE - 1955 TOWN LAYOUT)

1955 TOWN LAYOUT

TEMPORARY TREE PROTECTION FENCING (TYP.)
REM TREE
PROP TEMP EASEMENT
PROP LOAM & SEED
PROP HMA DWY
BOS
1950 COUNTY LAYOUT
PROP 5.5' HMA SW
PROP VGC
SELECTIVE CLEARING & THINNING
STA 229+64 TO STA 230+10
TEMP TREE PROTECTION FENCING
PROP HMA SW AT DWY (TYP)
PROP LOAM & SEED
PROP CEM CONC WCR
RET CC WALK
RET FENCE & BUSHES
PROP SAWCUT
SAWCUT
REM SRW
PROP PVMT MILL & OVERLAY
PROP PERM EASEMENT
R&R MB
RET FENCE & PLANTER
PROP PVMT RECLAMATION
PROP 6.5' HMA SW
PROP CEM CONC WCR
PROP 3' LOAM & SEED
PROP 5' HMA SW
PROP 5.5' MIN HMA SW
SAWCUT
PROP TEMP EASEMENT
PROP PVMT MILL & OVERLAY
MEET EXIST SW
PROP SPLAYED END
PROP 6' TRANS CURB
EXISTING EASEMENT TOWN OF BELLINGHAM DEED BK 6610 PLAN 150
RET POSTS AND FENCE

SOUTH MAIN STREET
ROUTE 126
(PUBLIC - 1950 COUNTY LAYOUT - 60' WIDE)

GATEWAY ROAD
(PUBLIC - 1986 TOWN LAYOUT - 50' WIDE)

1986 TOWN LAYOUT

D SOUTH MAIN STREET CONSTRUCTION ℄
N11°44'23"E 1219.24'

1117–1119 SOUTH MAIN ST N/F
SCOTT R. & LISA A. MARSHALL
DEED BOOK 27406, PAGE 454
ASSESSOR'S MAP 55, LOT 20B

1123 SOUTH MAIN ST N/F
GUY J. GREGOIRE
DEED BOOK 9023, PAGE 737
ASSESSOR'S MAP 55, LOT 20C

2 GATEWAY RD N/F
JODIE D. & DOMINICK A. ROMANO
DEED BOOK 24850, PAGE 505
ASSESSOR'S MAP 22, LOT 20A

1133 SOUTH MAIN ST N/F
TOWN OF BELLINGHAM WATER TOWER
DEED BOOK 3049, PAGE 329
ASSESSOR'S MAP 55, LOT 19+

CONTINUED ON SHEET NO. 16
CONTINUED ON SHEET NO. 18

SEE SHEET 76 - 78 FOR WCR DETAILS
SEE SHEET 77 FOR DRIVEWAY DETAILS
FOR PROFILE SEE SHEET 23

0 20 50 100
SCALE: 1" = 20'

HIGHWAY GUARD DETAILS
NONE

TRAFFIC SIGNAL CONDUIT
NONE

WATER SUPPLY ALTERATIONS
SEE SHEET 69

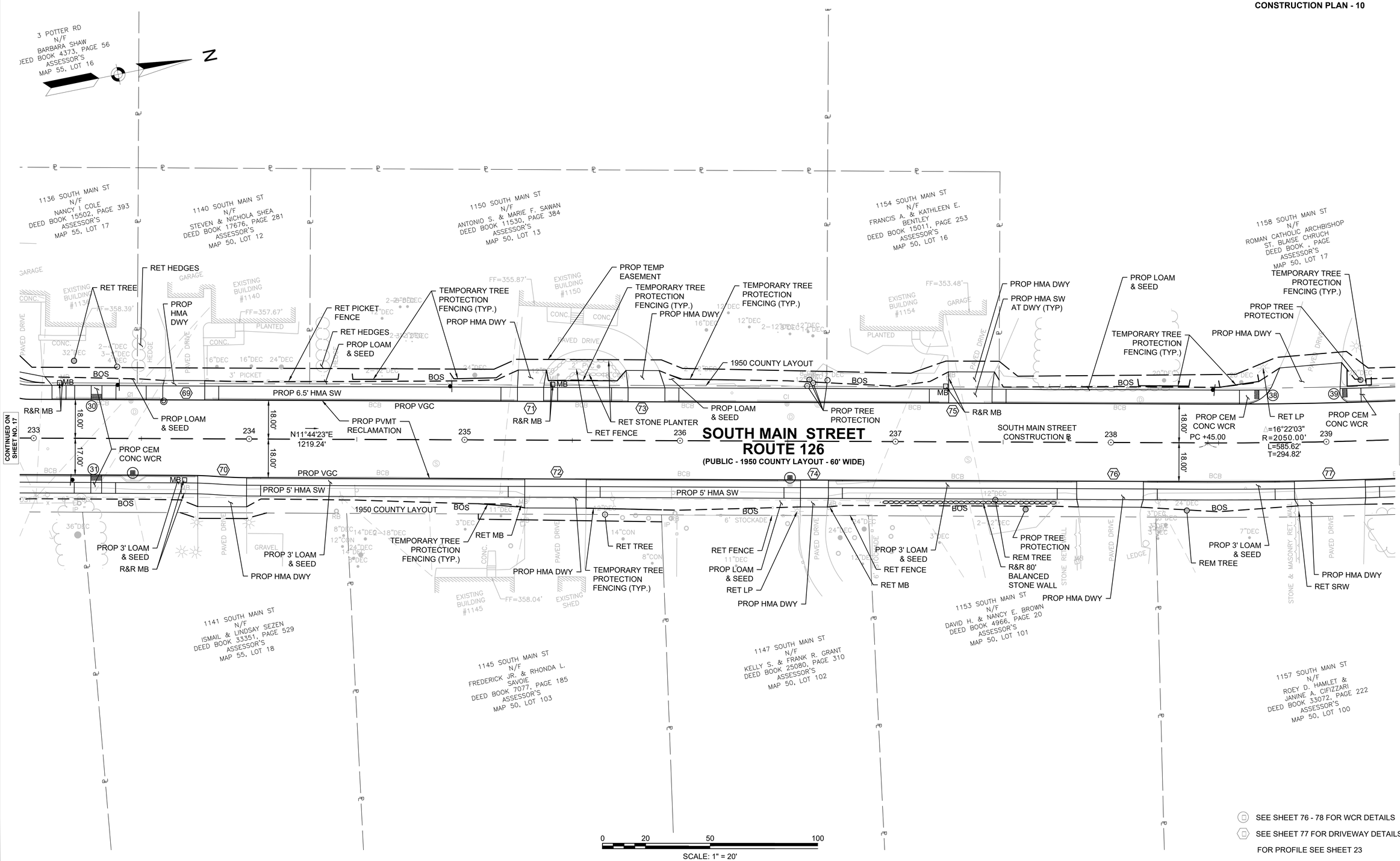
DRAINAGE DETAILS
SEE SHEET 69

BELLINGHAM
SOUTH MAIN STREET (ROUTE 126)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	18	160
PROJECT FILE NO.	608887		

CONSTRUCTION PLAN - 10

608887_HD(CP).DWG Plotted on 29-Oct-2020 10:22 PM



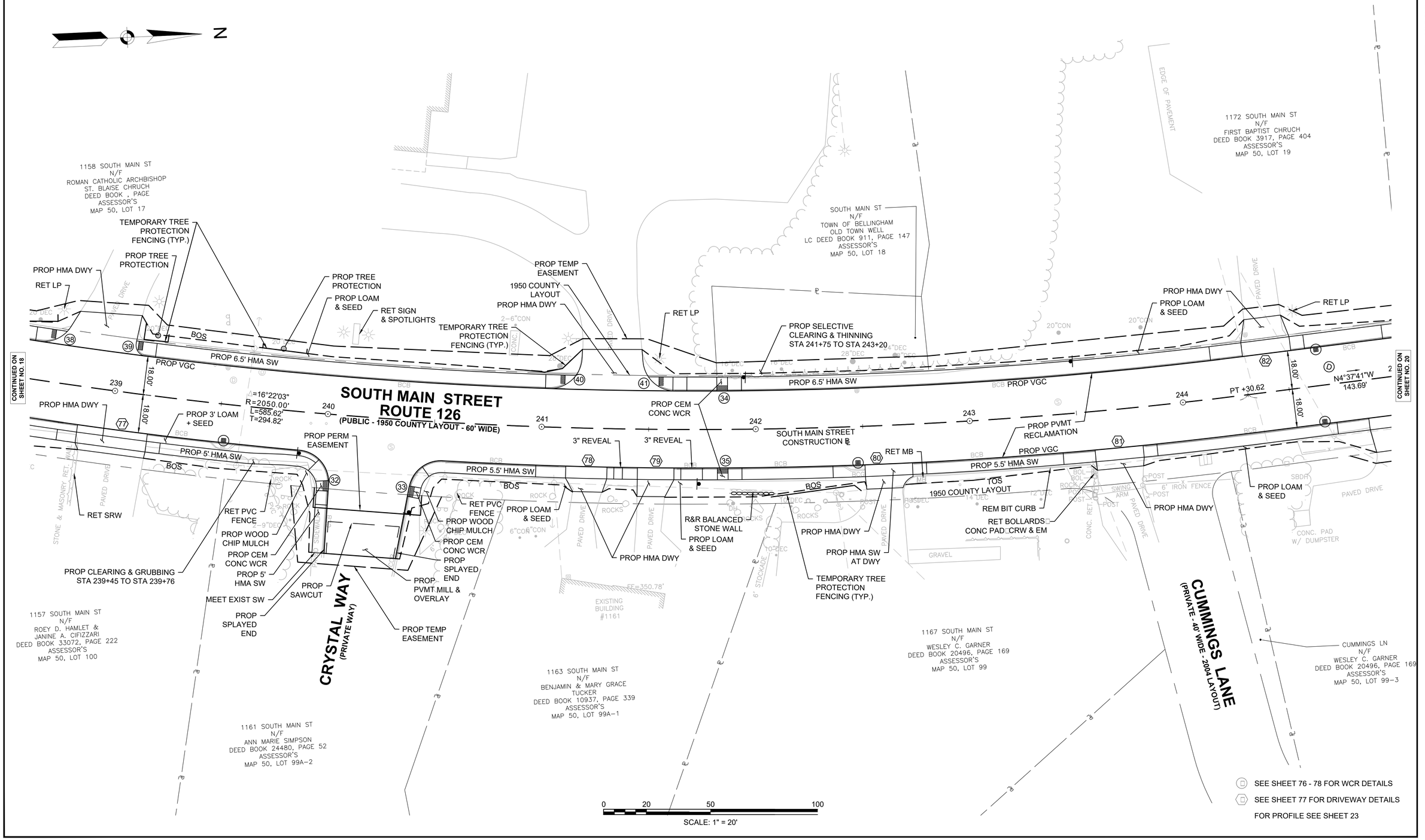
HIGHWAY GUARD DETAILS	TRAFFIC SIGNAL CONDUIT	WATER SUPPLY ALTERATIONS	DRAINAGE DETAILS
NONE	NONE	SEE SHEET 70	SEE SHEET 70

BELLINGHAM
SOUTH MAIN STREET (ROUTE 126)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	19	160
PROJECT FILE NO.	608887		

CONSTRUCTION PLAN - 11

608887_HD(CP).DWG Plotted on 29-Oct-2020 10:23 PM



HIGHWAY GUARD DETAILS
NONE

TRAFFIC SIGNAL CONDUIT
NONE

WATER SUPPLY ALTERATIONS
SEE SHEET 71

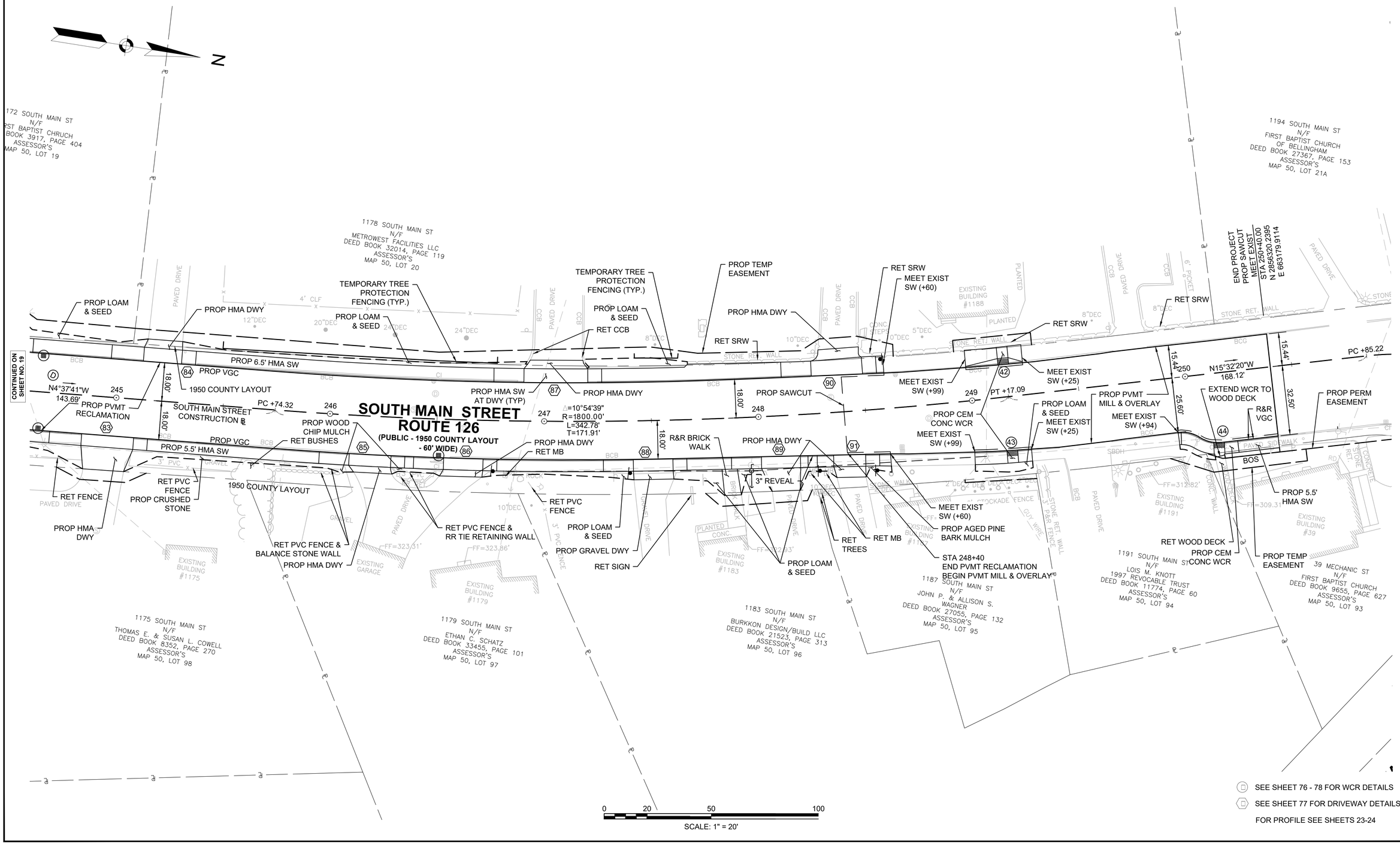
DRAINAGE DETAILS
SEE SHEET 71

BELLINGHAM
SOUTH MAIN STREET (ROUTE 126)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	20	160
PROJECT FILE NO.	608887		

CONSTRUCTION PLAN - 12

608887_HD(CP).DWG Plotted on 29-Oct-2020 10:24 PM



SEE SHEET 76 - 78 FOR WCR DETAILS
SEE SHEET 77 FOR DRIVEWAY DETAILS
FOR PROFILE SEE SHEETS 23-24

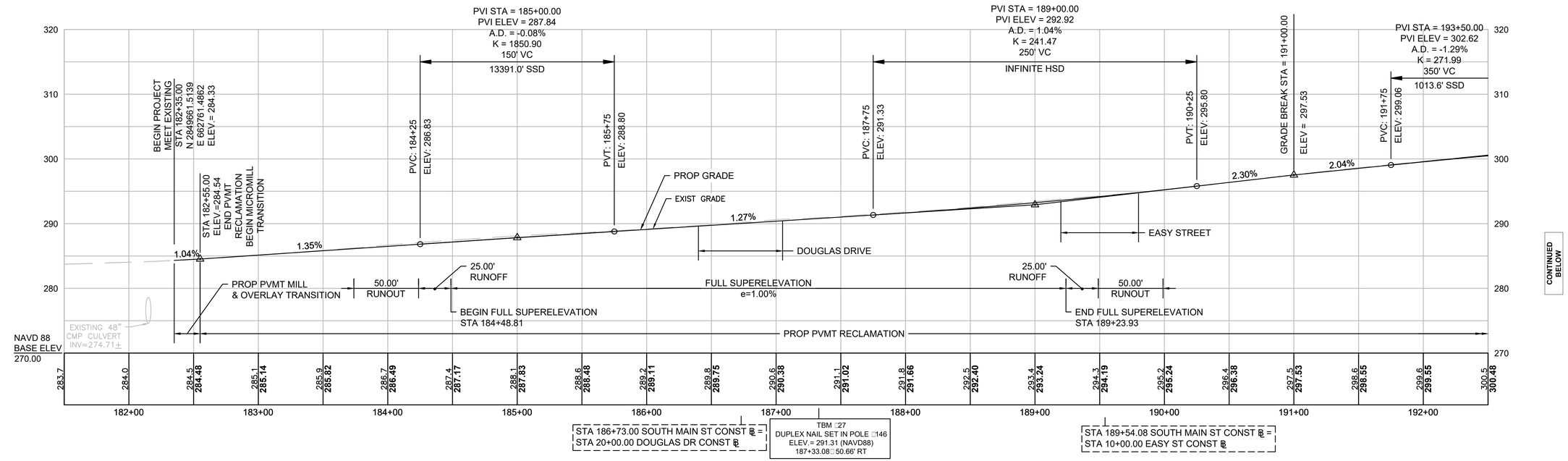
BELLINGHAM
SOUTH MAIN STREET (ROUTE 126)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	21	160
PROJECT FILE NO.	608887		

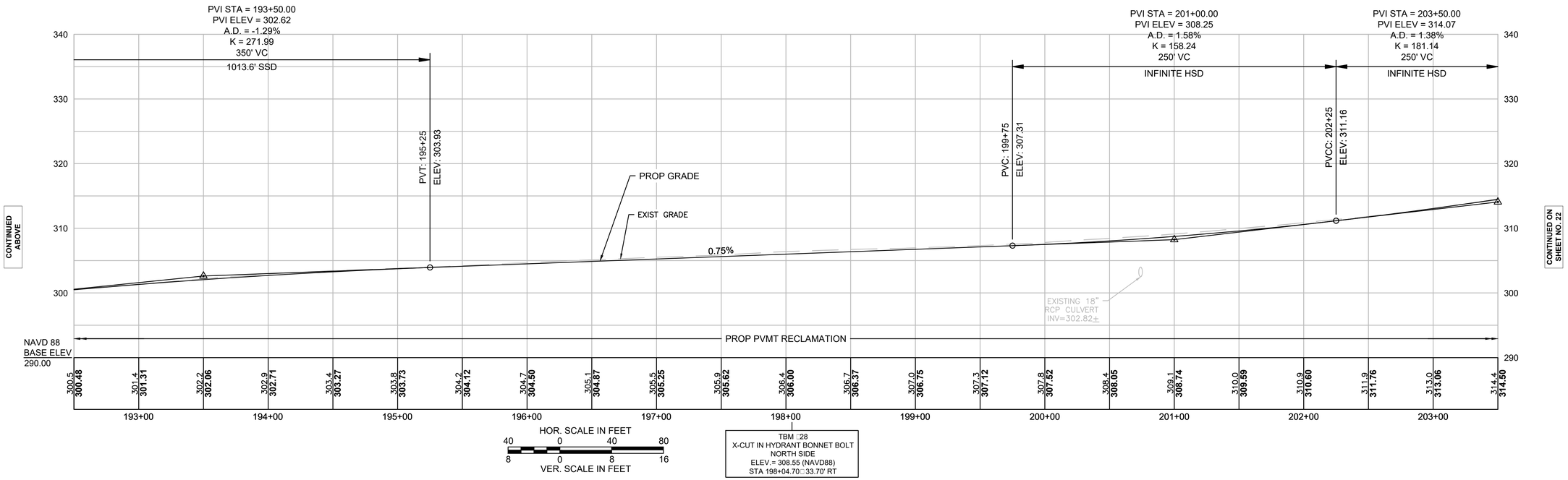
SOUTH MAIN STREET
PROFILE - 1

608887_HD\PROFILES.DWG Plotted on 29-Oct-2020 10:26 PM

SOUTH MAIN STREET



SOUTH MAIN STREET



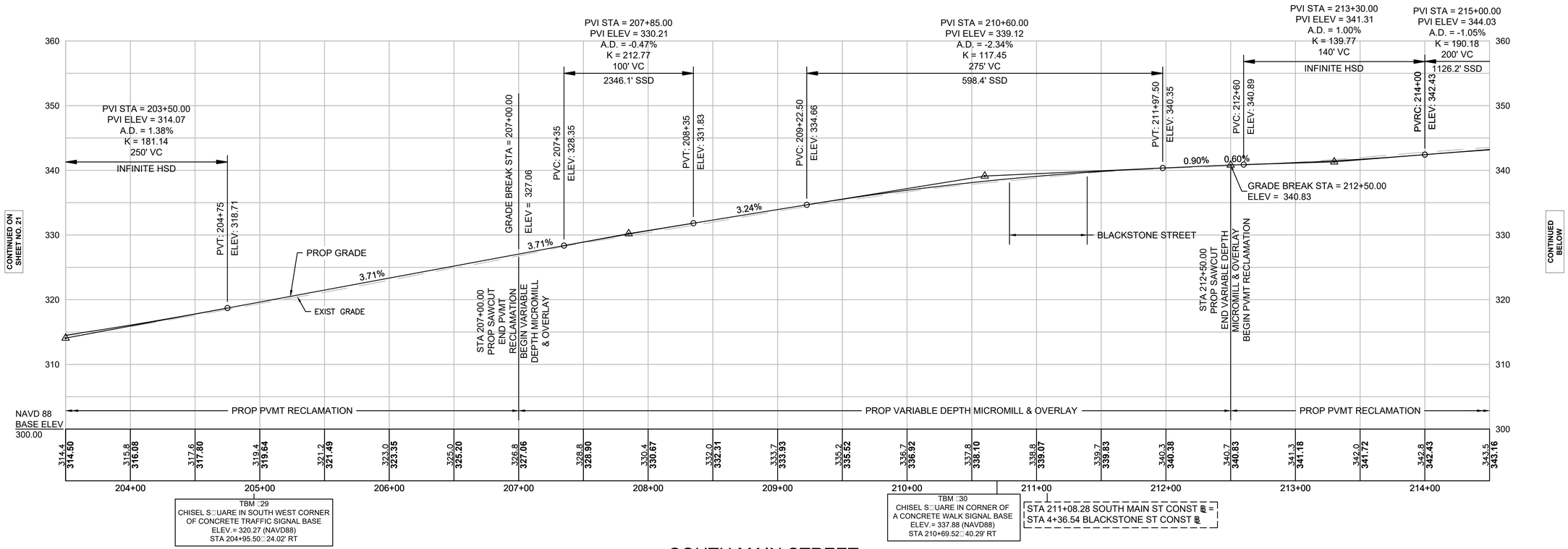
BELLINGHAM
SOUTH MAIN STREET (ROUTE 126)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	22	160
PROJECT FILE NO.	608887		

SOUTH MAIN STREET
PROFILE - 2

608887_HD\PROFILES.DWG Plotted on 29-Oct-2020 10:26 PM

SOUTH MAIN STREET

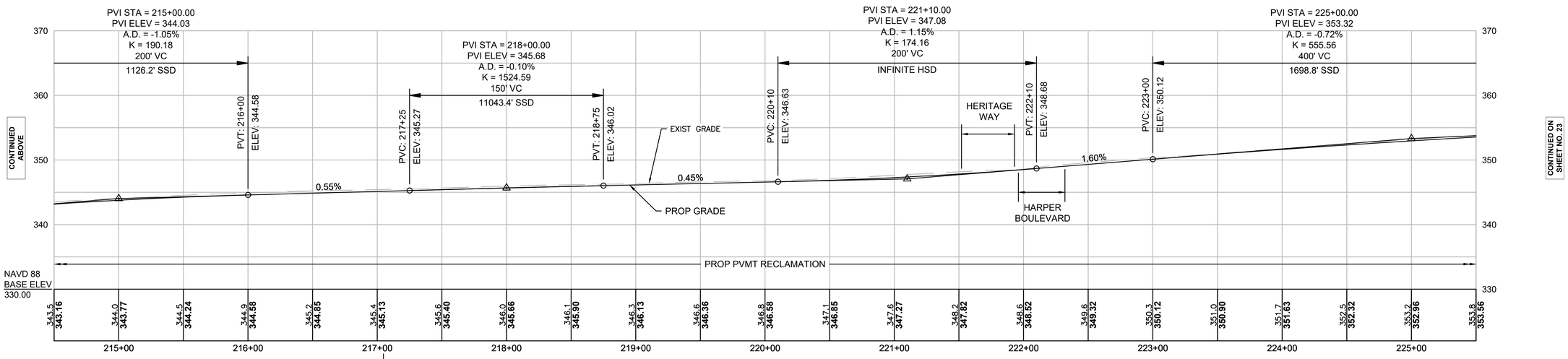


TBM □29
CHISEL S□UARE IN SOUTH WEST CORNER
OF CONCRETE TRAFFIC SIGNAL BASE
ELEV.= 320.27 (NAVD88)
STA 204+95.50□ 24.02' RT

TBM □30
CHISEL S□UARE IN CORNER OF
A CONCRETE WALK SIGNAL BASE
ELEV.= 337.88 (NAVD88)
STA 210+69.52□ 40.29' RT

STA 211+08.28 SOUTH MAIN ST CONST □ =
STA 4+36.54 BLACKSTONE ST CONST □

SOUTH MAIN STREET



TBM □31
DUPLEX NAIL SET IN POLE □170
ELEV.= 346.74 (NAVD88)
217+04.80□ 18.47' RT

HOR. SCALE IN FEET
40 0 40 80
VER. SCALE IN FEET
8 0 8 16

BELLINGHAM
SOUTH MAIN STREET (ROUTE 126)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	23	160
PROJECT FILE NO.	608887		

SOUTH MAIN STREET
PROFILE - 3

608887_HD(PROFILES).DWG Plotted on 29-Oct-2020 10:27 PM

SOUTH MAIN STREET

PVI STA = 225+00.00
PVI ELEV = 353.32
A.D. = -0.72%
K = 555.56
400' VC
1698.8' SSD

PVI STA = 229+00.00
PVI ELEV = 356.84
A.D. = -0.17%
K = 893.83
150' VC
6505.5' SSD

HIGH POINT ELEV = 357.89
HIGH POINT STA = 230+96.05
PVI STA = 230+75.00
PVI ELEV = 358.08
A.D. = -1.11%
K = 134.87
150' VC
1045.3' SSD

PVI STA = 233+00.00
PVI ELEV = 357.18
A.D. = -0.21%
K = 703.84
150' VC
5138.6' SSD

PVI STA = 238+25.00
PVI ELEV = 353.97
A.D. = -1.49%
K = 184.95
275' VC
863.3' SSD

PVT: 227+00 ELEV: 355.08
PVC: 228+25 ELEV: 356.18
PVT: 229+75 ELEV: 357.37
PVC: 230+00 ELEV: 357.55
PVT: 231+50 ELEV: 357.78
PVC: 232+25 ELEV: 357.48
PVT: 233+75 ELEV: 356.73
PVC: 236+87.50 ELEV: 354.81

0.88% 0.71% -0.40% -0.61%

GATEWAY ROAD
POTTER DRIVE

CONTINUED ON SHEET NO. 22
CONTINUED BELOW

370 360 350 340 330

NAVD 88
BASE ELEV
330.00

PROP PVMT RECLAMATION

226+00	227+00	228+00	229+00	230+00	231+00	232+00	233+00	234+00	235+00	236+00	237+00
353.8 **353.56**	355.4 **355.08**	355.8 **355.52**	356.2 **355.96**	356.7 **356.40**	357.1 **356.81**	357.7 **357.19**	358.0 **357.55**	358.2 **357.81**	358.2 **357.89**	358.1 **357.78**	358.0 **357.58**	357.6 **357.38**	357.4 **357.15**	357.1 **356.87**	356.8 **356.57**	356.5 **356.27**	356.1 **355.96**	355.7 **355.65**	355.4 **355.35**	355.2 **355.04**	
354.4 **354.11**	354.9 **354.62**																				

TBM □32
X-CUT IN STREET SIDE
HYDRANT BONNET BOLT
ELEV. = 355.81 (NAVD88)
225+88.37□22.73' RT

TBM □33
X-CUT IN STREET SIDE
HYDRANT BONNET BOLT
ELEV = 359.92 (NAVD88)
STA 233+06.85□27.16' RT

SOUTH MAIN STREET

PVI STA = 238+25.00
PVI ELEV = 353.97
A.D. = -1.49%
K = 184.95
275' VC
863.3' SSD

PVI STA = 241+75.00
PVI ELEV = 346.62
A.D. = -2.60%
K = 57.69
150' VC
490.1' SSD

PVI STA = 246+25.00
PVI ELEV = 325.47
A.D. = 2.30%
K = 78.26
180' VC
734.0' HSD

PVI STA = 247+85.00
PVI ELEV = 321.63
A.D. = -1.31%
K = 106.69
140' VC
892.4' SSD

PVT: 239+62.50 ELEV: 351.08
PVC: 241+00 ELEV: 348.19
PVT: 242+50 ELEV: 343.09
PVC: 245+35 ELEV: 329.70
PVRC: 247+15 ELEV: 323.31
PVT: 248+55 ELEV: 319.03
GRADE BREAK STA = 248+60.00 ELEV = 318.84

-2.10% -4.70% -5.20%± -3.71%

CRYSTAL WAY
CUMMINGS LANE
PROP GRADE
EXIST GRADE

STA 248+40.00
END PVMT RECLAMATION
BEGIN PVMT MILL & OVERLAY

PROP PVMT MILL & OVERLAY

CONTINUED ABOVE
CONTINUED ON SHEET NO. 24

360 350 340 330 320 310

NAVD 88
BASE ELEV
305.00

PROP PVMT RECLAMATION

237+00	238+00	239+00	240+00	241+00	242+00	243+00	244+00	245+00	246+00	247+00	248+00	249+00
354.9 **354.73**	353.9 **353.78**	353.2 **353.10**	352.4 **352.29**	351.5 **351.34**	350.5 **350.29**	349.5 **349.24**	348.4 **348.19**	347.2 **346.92**	345.5 **345.22**	343.4 **343.09**	340.9 **340.74**	338.5 **338.39**	336.2 **336.04**	333.9 **333.69**	331.6 **331.34**	329.2 **329.01**	327.1 **326.91**	325.3 **325.14**	323.8 **323.68**	322.5 **322.41**	321.0 **320.93**	319.2 **319.21**	316.8 **316.81**
354.4 **354.32**																							

HOR. SCALE IN FEET
40 0 40 80
8 0 8 16
VER. SCALE IN FEET

TBM □34
DUPLEX NAIL SET IN POLE □191
ELEV.= 339.17 (NAVD88)
243+57.11□25.62' RT

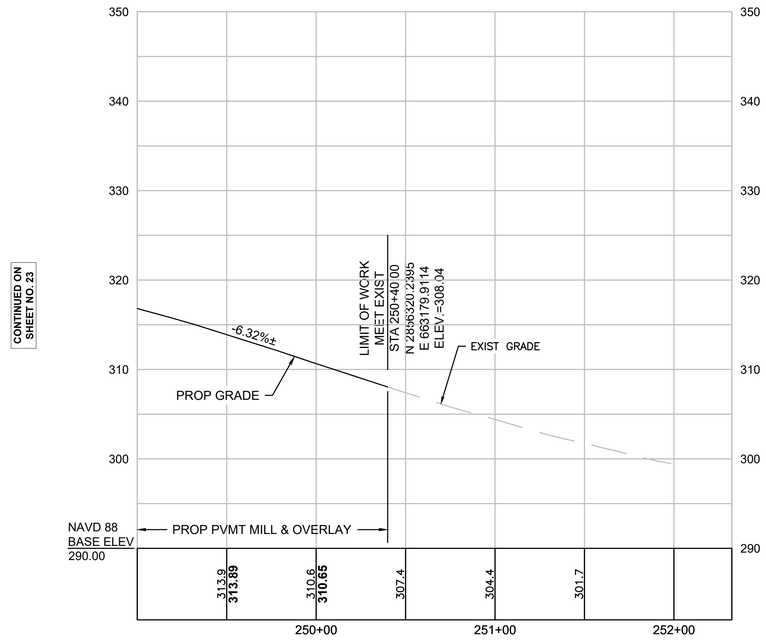
BELLINGHAM
SOUTH MAIN STREET (ROUTE 126)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	24	160
PROJECT FILE NO.		608887	

SOUTH MAIN STREET
PROFILE - 4

608887_HD(PROFILES).DWG Plotted on 29-Oct-2020 10:27 PM

SOUTH MAIN STREET



HOR. SCALE IN FEET
40 0 40 80
8 0 8 16
VER. SCALE IN FEET

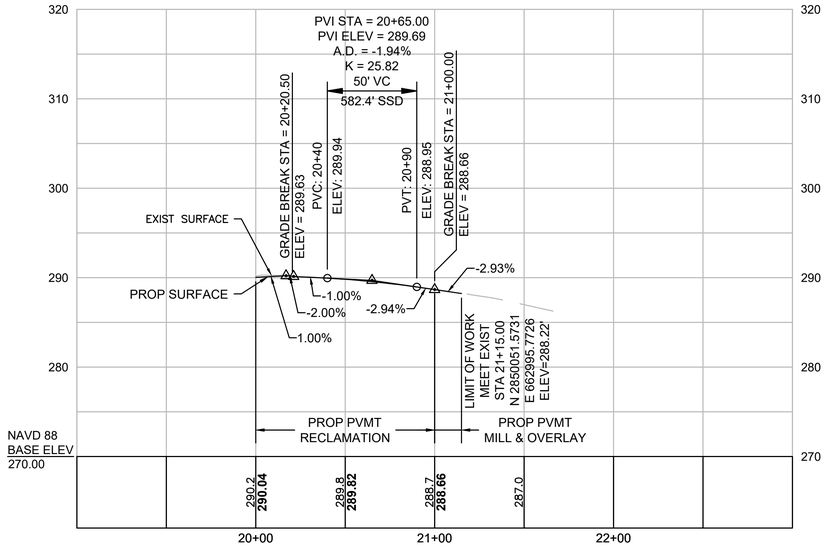
BELLINGHAM
SOUTH MAIN STREET (ROUTE 126)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	25	160
PROJECT FILE NO.	608887		

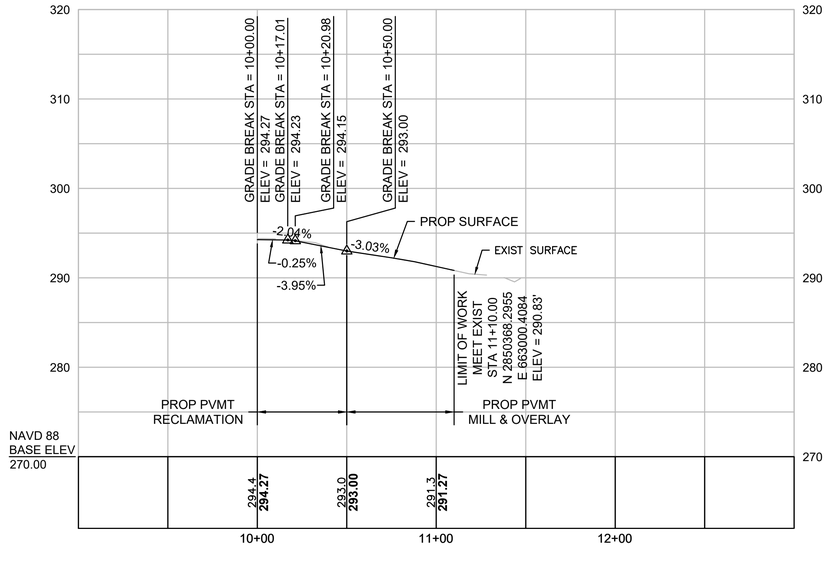
SIDE STREET PROFILES

608887_HD(PROFILES).DWG Plotted on 29-Oct-2020 10:27 PM

DOUGLAS DRIVE



EASY STREET



HOR. SCALE IN FEET
40 0 40 80
8 0 8 16
VER. SCALE IN FEET

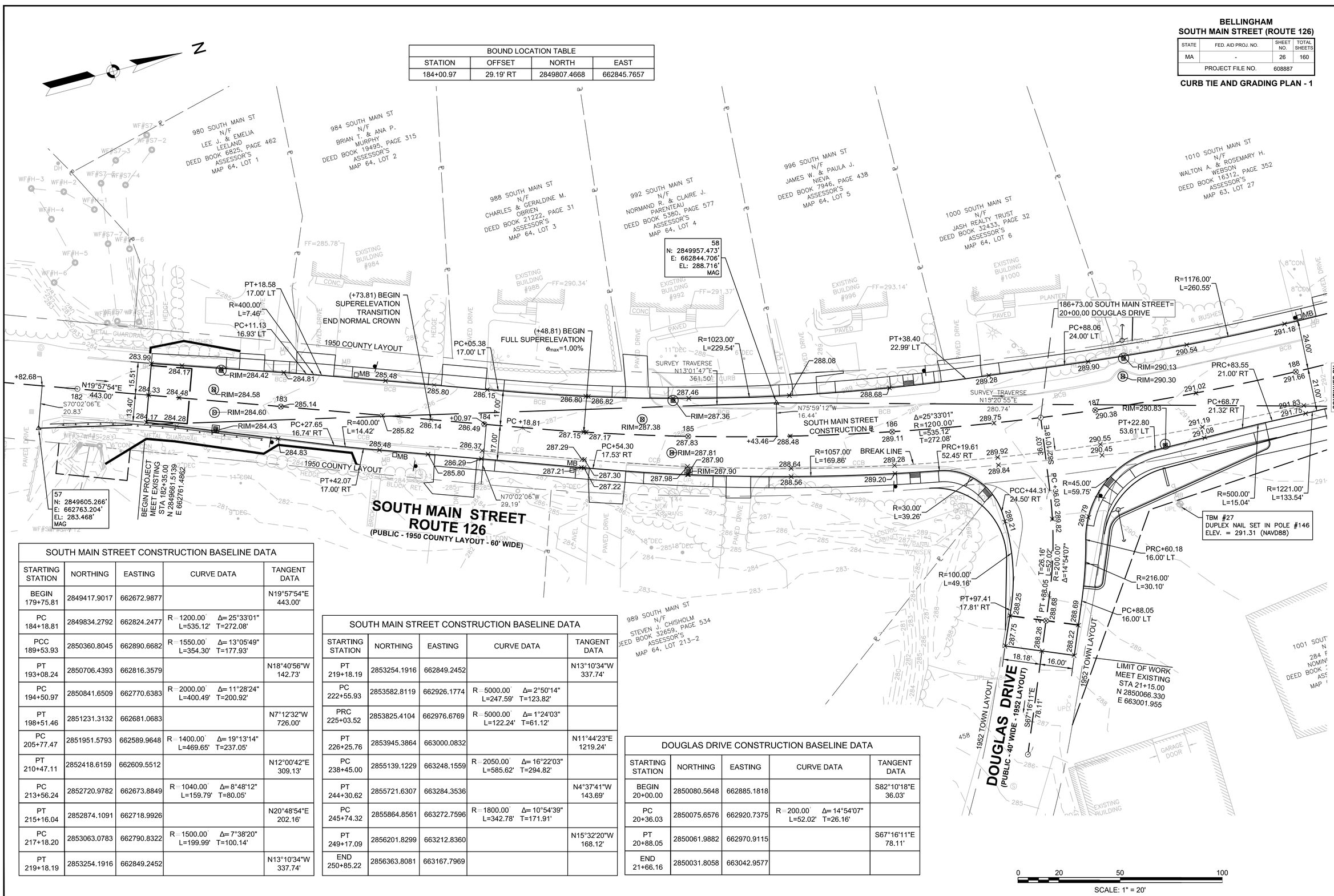
BELLINGHAM
SOUTH MAIN STREET (ROUTE 126)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	26	160
PROJECT FILE NO.		608887	

CURB TIE AND GRADING PLAN - 1

608887_HD(CTG).DWG Plotted on 29-Oct-2020 10:31 PM

BOUND LOCATION TABLE			
STATION	OFFSET	NORTH	EAST
184+00.97	29.19' RT	2849807.4668	662845.7657



SOUTH MAIN STREET CONSTRUCTION BASELINE DATA				
STARTING STATION	NORTHING	EASTING	CURVE DATA	TANGENT DATA
BEGIN 179+75.81	2849417.9017	662672.9877		N19°57'54"E 443.00'
PC 184+18.81	2849834.2792	662824.2477	R=1200.00' Δ=25°33'01" L=535.12' T=272.08'	
PCC 189+53.93	2850360.8045	662890.6682	R=1550.00' Δ=13°05'49" L=354.30' T=177.93'	
PT 193+08.24	2850706.4393	662816.3579		N18°40'56"W 142.73'
PC 194+50.97	2850841.6509	662770.6383	R=2000.00' Δ=11°28'24" L=400.49' T=200.92'	
PT 198+51.46	2851231.3132	662681.0683		N7°12'32"W 726.00'
PC 205+77.47	2851951.5793	662589.9648	R=1400.00' Δ=19°13'14" L=469.65' T=237.05'	
PT 210+47.11	2852418.6159	662609.5512		N12°00'42"E 309.13'
PC 213+56.24	2852720.9782	662673.8849	R=1040.00' Δ=8°48'12" L=159.79' T=80.05'	
PT 215+16.04	2852874.1091	662718.9926		N20°48'54"E 202.16'
PC 217+18.20	2853063.0783	662790.8322	R=1500.00' Δ=7°38'20" L=199.99' T=100.14'	
PT 219+18.19	2853254.1916	662849.2452		N13°10'34"W 337.74'

SOUTH MAIN STREET CONSTRUCTION BASELINE DATA				
STARTING STATION	NORTHING	EASTING	CURVE DATA	TANGENT DATA
PT 219+18.19	2853254.1916	662849.2452		N13°10'34"W 337.74'
PC 222+55.93	2853582.8119	662926.1774	R=5000.00' Δ=2°50'14" L=247.59' T=123.82'	
PRC 225+03.52	2853825.4104	662976.6769	R=5000.00' Δ=1°24'03" L=122.24' T=61.12'	
PT 226+25.76	2853945.3864	663000.0832		N11°44'23"E 1219.24'
PC 238+45.00	2855139.1229	663248.1559	R=2050.00' Δ=16°22'03" L=585.62' T=294.82'	
PT 244+30.62	2855721.6307	663284.3536		N4°37'41"W 143.69'
PC 245+74.32	2855864.8561	663272.7596	R=1800.00' Δ=10°54'39" L=342.78' T=171.91'	
PT 249+17.09	2856201.8299	663212.8360		N15°32'20"W 168.12'
END 250+85.22	2856363.8081	663167.7969		

DOUGLAS DRIVE CONSTRUCTION BASELINE DATA				
STARTING STATION	NORTHING	EASTING	CURVE DATA	TANGENT DATA
BEGIN 20+00.00	2850080.5648	662885.1818		S82°10'18"E 36.03'
PC 20+36.03	2850075.6576	662920.7375	R=200.00' Δ=14°54'07" L=52.02' T=26.16'	
PT 20+88.05	2850061.9882	662970.9115		S67°16'11"E 78.11'
END 21+66.16	2850031.8058	663042.9577		

BELLINGHAM
SOUTH MAIN STREET (ROUTE 126)

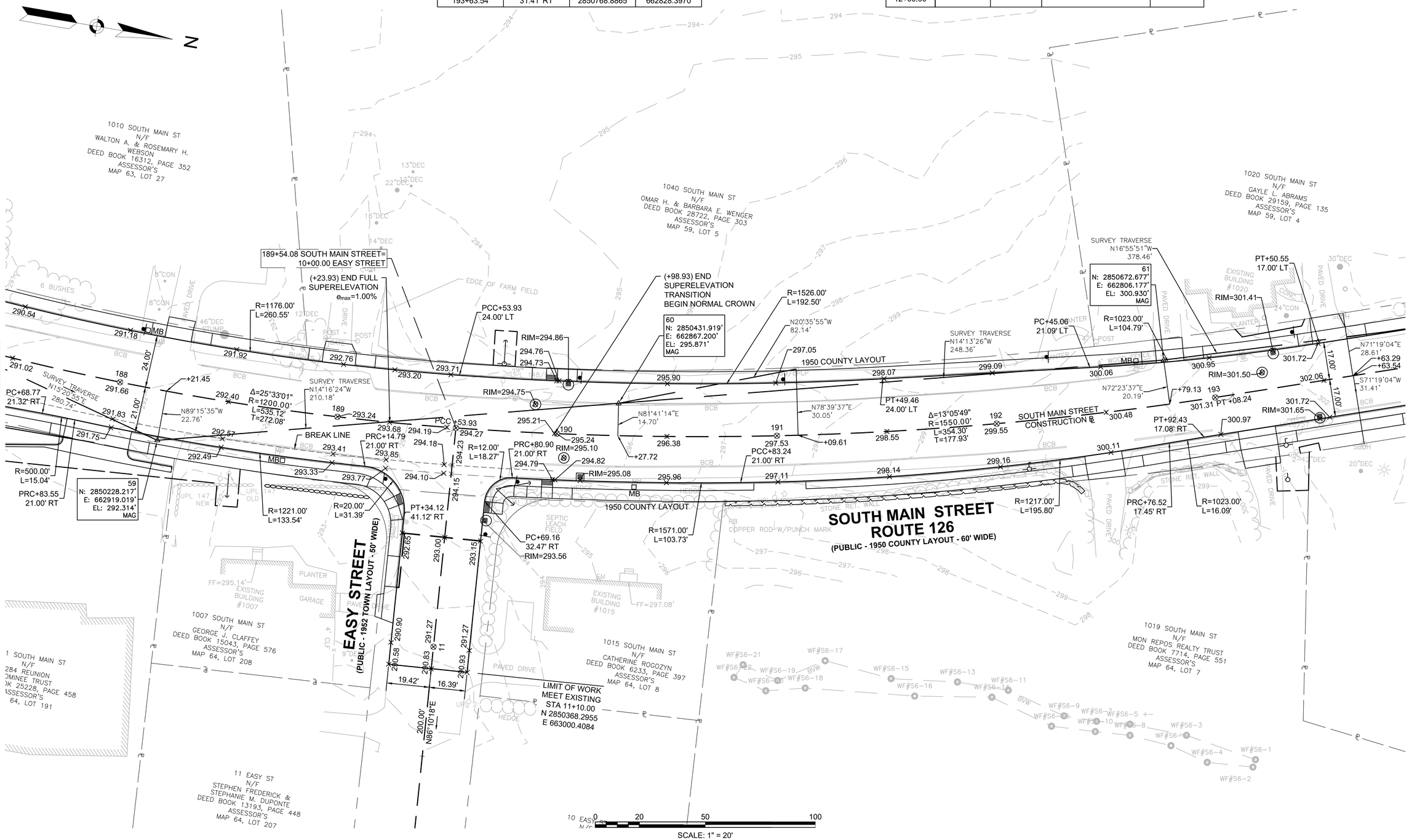
STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	27	160
PROJECT FILE NO.	608887		

CURB TIE AND GRADING PLAN - 2

608887_HD(CTG).DWG Plotted on 29-Oct-2020 10:32 PM

BOUND LOCATION TABLE			
STATION	OFFSET	NORTH	EAST
191+09.61	30.05' LT	2850508.8087	662838.3030
193+63.29	28.61' LT	2850749.4300	662771.6183
193+63.54	31.41' RT	2850768.8865	662828.3970

EASY STREET CONSTRUCTION BASELINE DATA				
STARTING STATION	NORTHING	EASTING	CURVE DATA	TANGENT DATA
BEGIN 10+00.00	2850360.9508	662890.6538		N86°10'18"E 200.00'
END 12+00.00	2850374.3047	663090.2076		



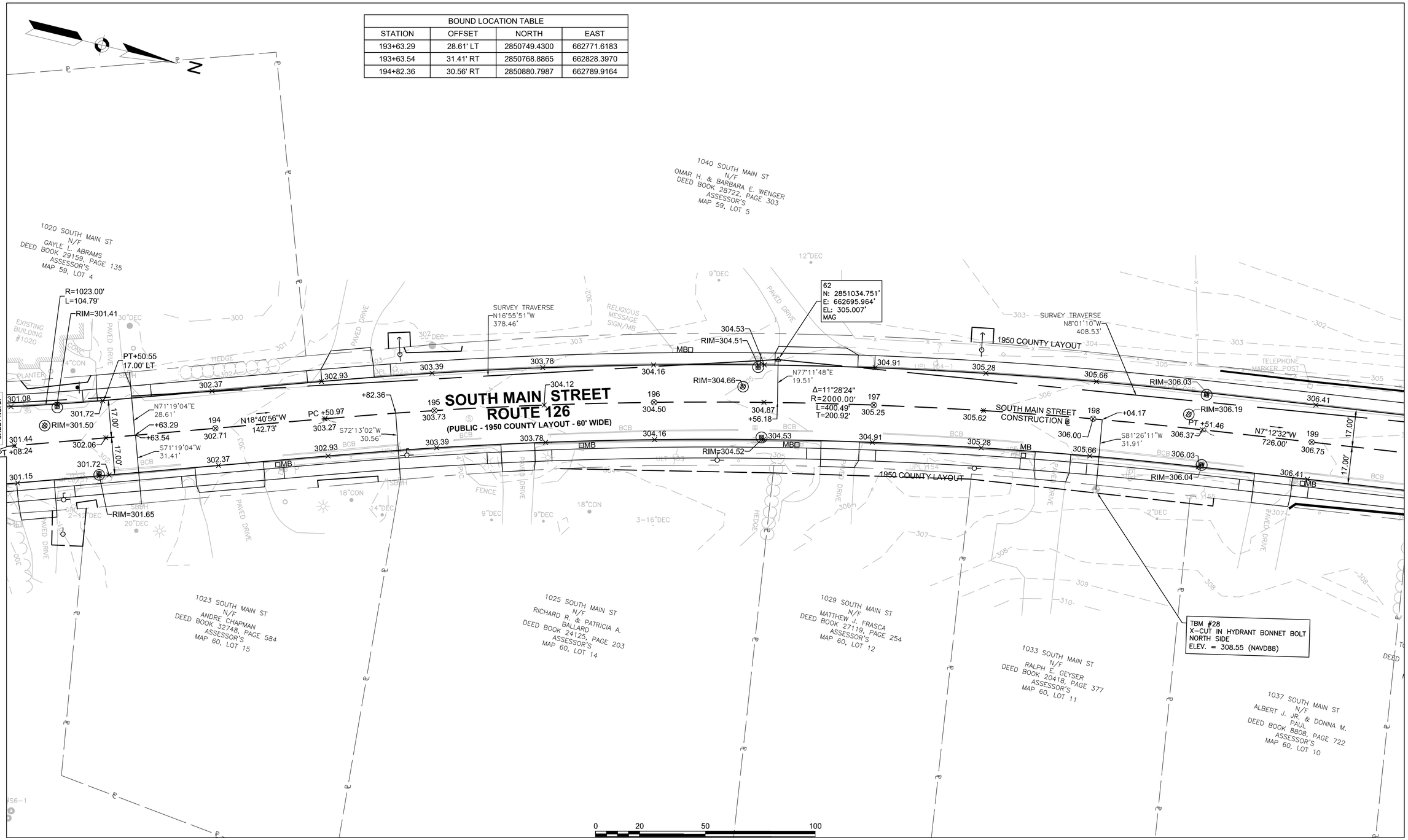
BELLINGHAM
SOUTH MAIN STREET (ROUTE 126)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	28	160
PROJECT FILE NO.	608887		

CURB TIE AND GRADING PLAN - 3

608887_HD(CTG).DWG Plotted on 29-Oct-2020 10:33 PM

BOUND LOCATION TABLE			
STATION	OFFSET	NORTH	EAST
193+63.29	28.61' LT	2850749.4300	662771.6183
193+63.54	31.41' RT	2850768.8865	662828.3970
194+82.36	30.56' RT	2850880.7987	662789.9164



BELLINGHAM
SOUTH MAIN STREET (ROUTE 126)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	29	160
PROJECT FILE NO.	608887		

CURB TIE AND GRADING PLAN - 4

608887_HD(CTG).DWG Plotted on 29-Oct-2020 10:34 PM

N

1040 SOUTH MAIN ST
N/F
OMAR H. & BARBARA E. WENGER
DEED BOOK 28722, PAGE 303
ASSESSOR'S
MAP 59, LOT 5

1040 SOUTH MAIN ST
N/F
OMAR H. & BARBARA E. WENGER
DEED BOOK 28722, PAGE 303
ASSESSOR'S
MAP 59, LOT 5

63
N: 2851439.300'
E: 662638.973'
EL: 308.218'
MAG

RIM=308.19
1950 COUNTY LAYOUT
RIM=308.24
RIM=308.20
RIM=315.09
RIM=315.07
RIM=314.84

306.41 306.78 307.18 307.71 308.40 309.25 310.26 311.42 312.72 314.16 315.74 317.46 319.30

199 306.75 — N7°12'32"W 726.00' — 307.12 200 307.52 308.05 +63.09 201 308.74 309.59 202 310.60 311.76 203 313.06 314.50 204 316.08 317.80 205 319.64

17.00' 17.00' 17.00' 17.00' 17.00' 17.00'

SURVEY TRAVERSE N8°01'10"W 408.53'
N82°47'28"E 15.66'
SURVEY TRAVERSE N2°07'21"W 363.00'
+24.68
+94.89
S82°47'28"W 16.52'
SURVEY TRAVERSE N2°49'55"W 179.02'
20.15'

306.41 306.78 307.18 307.71 308.40 309.25 310.26 311.42 312.72 314.16 315.74 317.46 319.30

BCB MB

1950 COUNTY LAYOUT

SOUTH MAIN STREET
ROUTE 126
(PUBLIC - 1950 COUNTY LAYOUT - 60' WIDE)

SURVEY TRAVERSE N15°38'13"W 91.12'

64
N: 2851802.072'
E: 662625.531'
EL: 316.690'
MAG

SURVEY TRAVERSE N6°29'36"W 271.06'

TBM #29
CHISEL SQUARE IN SOUTH WEST CORNER OF CONCRETE TRAFFIC SIGNAL BASE
ELEV. = 320.27 (NAVD88)

28 BLACKSTONE ST
N/F
TOWN OF BELLINGHAM
SCHOOL LAND
DEED BOOK 4735, PAGE 651
ASSESSOR'S
MAP 60, LOT 7

1037 SOUTH MAIN ST
N/F
ALBERT J. JR. & DONNA M. PAUL
DEED BOOK 8808, PAGE 722
ASSESSOR'S
MAP 60, LOT 10

1041 SOUTH MAIN ST
N/F
STEVEN M. CAVOSSA
DEED BOOK 34008, PAGE 452
ASSESSOR'S
MAP 60, LOT 9

1051 SOUTH MAIN ST
N/F
CATHERINE ROGOZYN
DEED BOOK 6456, PAGE 428
ASSESSOR'S
MAP 60, LOT 9A

0 20 50 100
SCALE: 1" = 20'

CONTINUED ON SHEET NO. 28
CONTINUED ON SHEET NO. 30

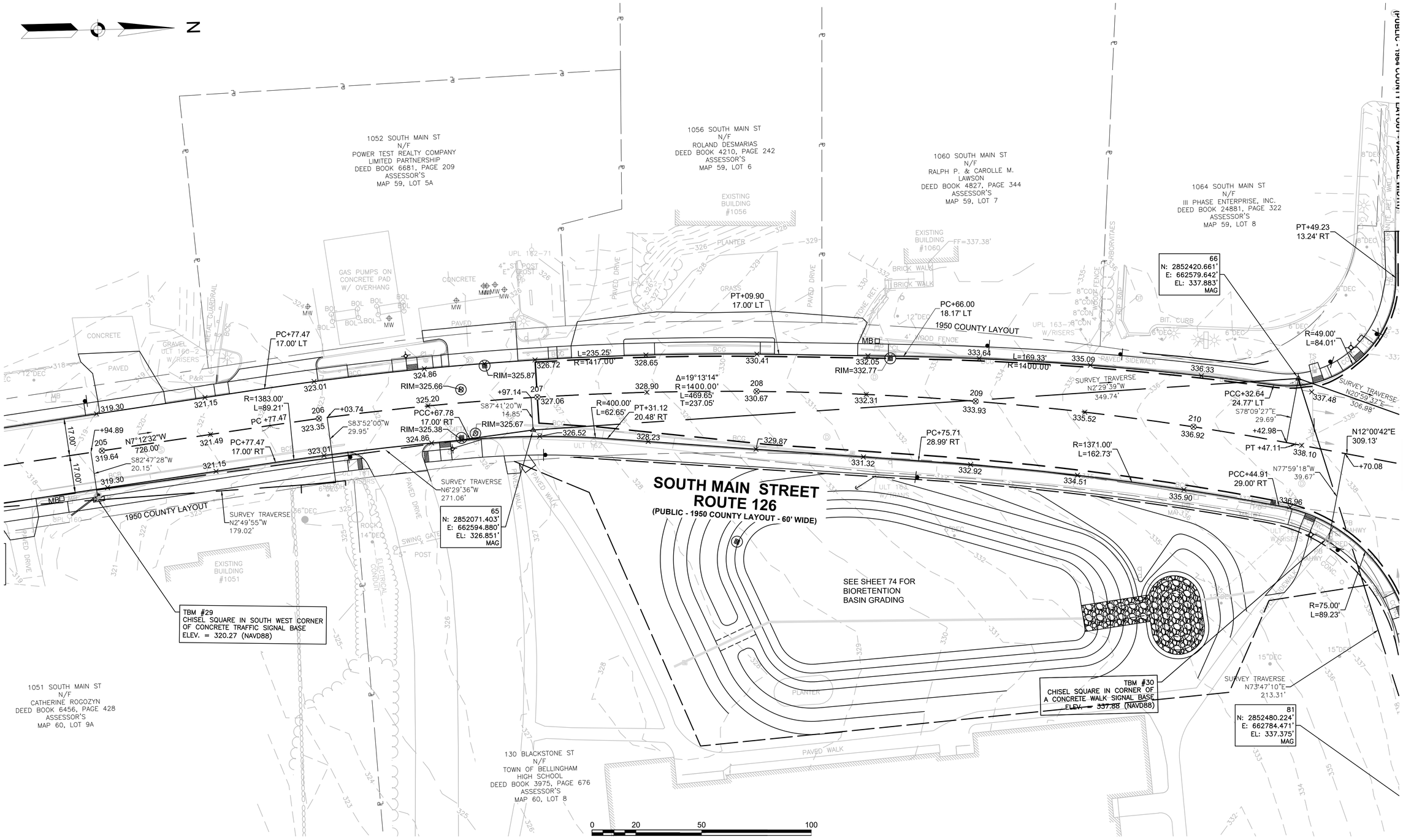
BOUND LOCATION TABLE			
STATION	OFFSET	NORTHING	EASTING
206+03.74	29.95' RT	2851980.8775	662616.6873

BELLINGHAM
SOUTH MAIN STREET (ROUTE 126)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	30	160
PROJECT FILE NO.		608887	

CURB TIE AND GRADING PLAN - 5

608887_HD(CTG).DWG Plotted on 30-Oct-2020 3:19 PM



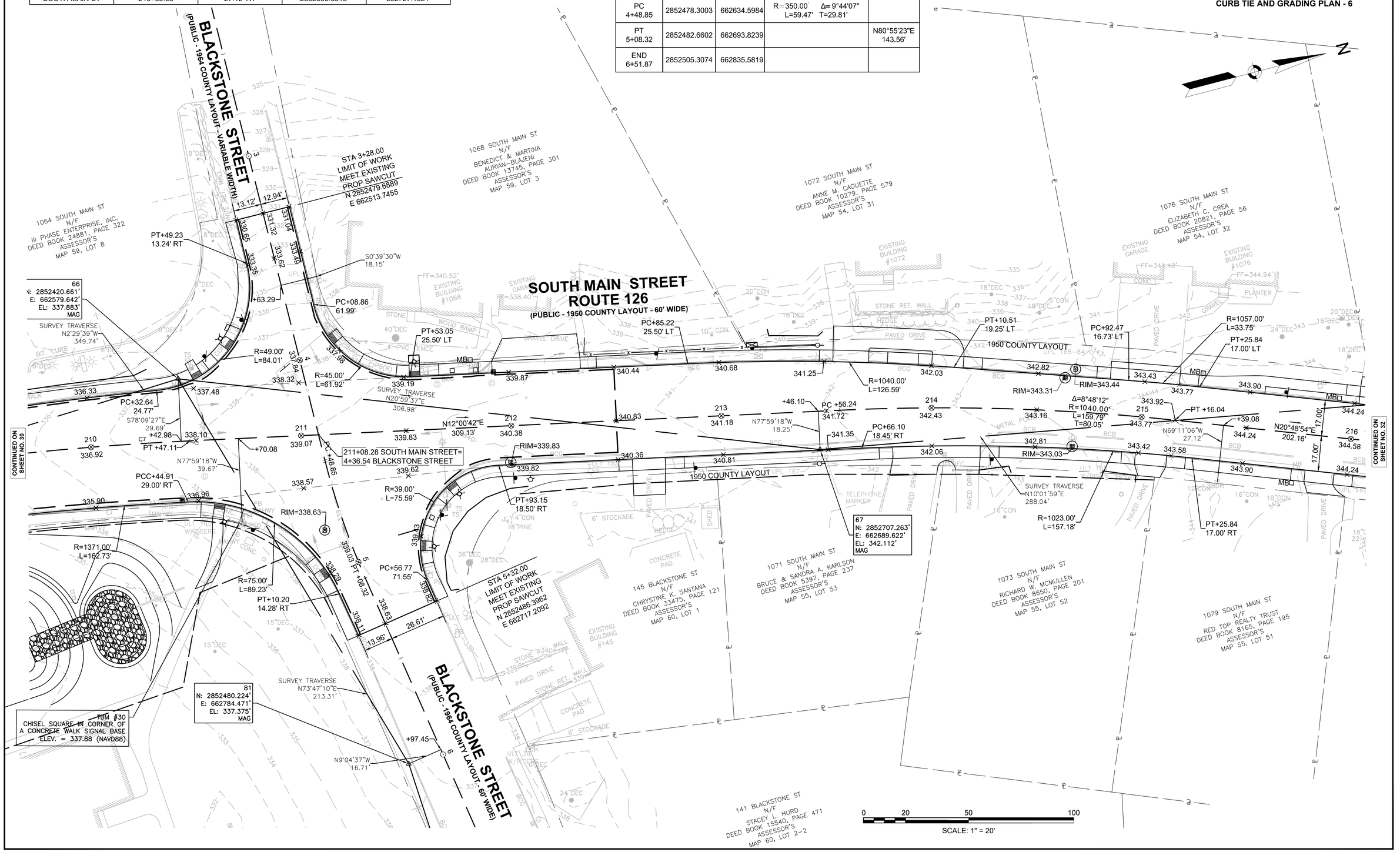
BELLINGHAM
SOUTH MAIN STREET (ROUTE 126)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	31	160
PROJECT FILE NO.		608887	

CURB TIE AND GRADING PLAN - 6

BOUND LOCATION TABLE				
BASELINE	STATION	OFFSET	NORTHING	EASTING
BLACKSTONE ST	3+63.29	18.15' LT	2852497.4342'	662549.2415'
SOUTH MAIN ST	215+39.08	27.12' RT	2852895.6518'	662727.1824'

BLACKSTONE STREET CONSTRUCTION BASELINE DATA				
STARTING STATION	NORTHING	EASTING	CURVE DATA	TANGENT DATA
BEGIN 1+00.00	2852482.3085	662285.7605		S89°20'30"E 348.85'
PC 4+48.85	2852478.3003	662634.5984	R=350.00' Δ=9°44'07" L=59.47' T=29.81'	
PT 5+08.32	2852482.6602	662693.8239		N80°55'23"E 143.56'
END 6+51.87	2852505.3074	662835.5819		



608887_HD(CTG).DWG Plotted on 30-Oct-2020 3:22 PM

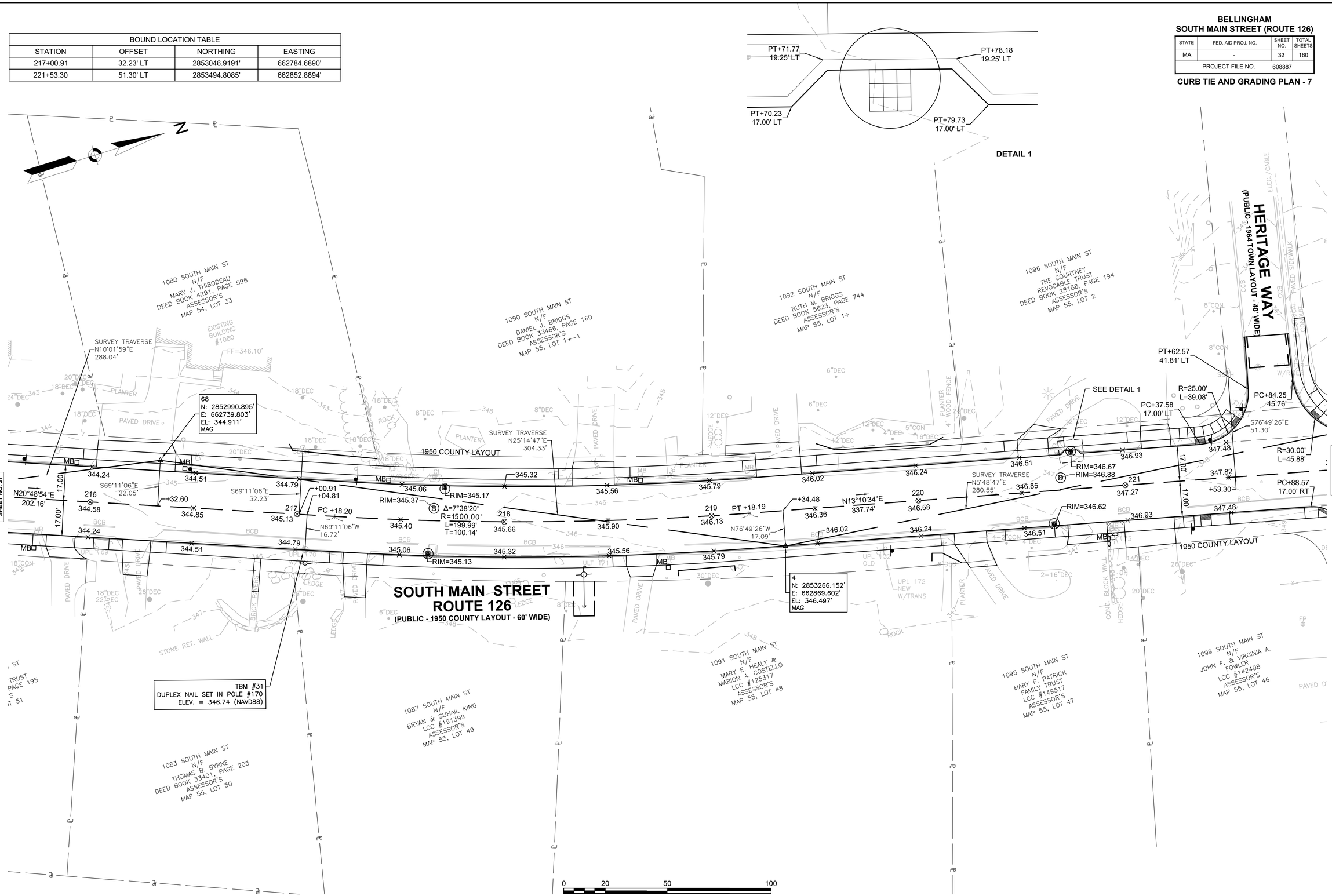
BELLINGHAM
SOUTH MAIN STREET (ROUTE 126)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	32	160
PROJECT FILE NO.		608887	

CURB TIE AND GRADING PLAN - 7

608887_HD(CTG).DWG Plotted on 29-Oct-2020 10:36 PM

BOUND LOCATION TABLE			
STATION	OFFSET	NORTHING	EASTING
217+00.91	32.23' LT	2853046.9191'	662784.6890'
221+53.30	51.30' LT	2853494.8085'	662852.8894'



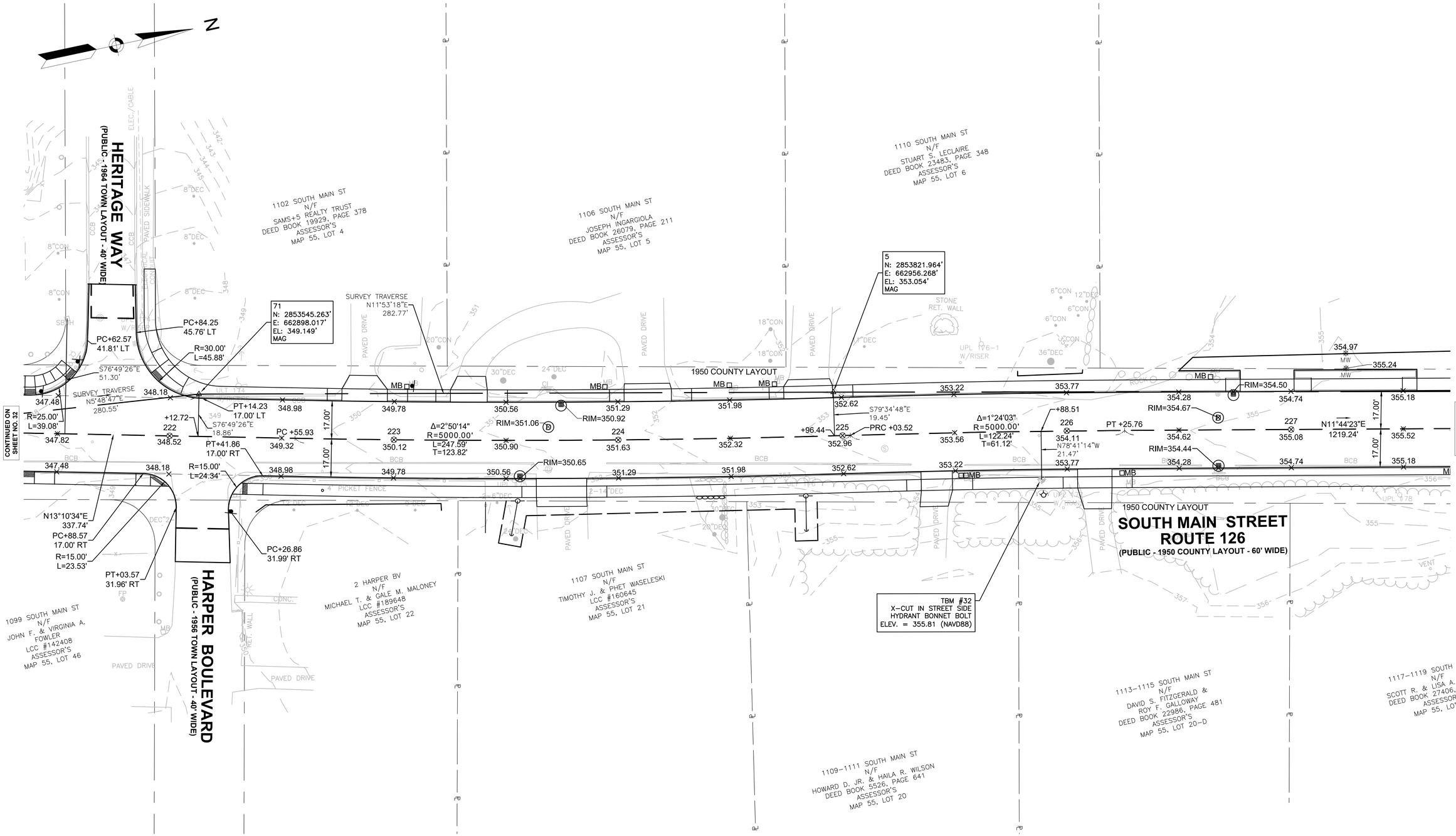
BELLINGHAM
SOUTH MAIN STREET (ROUTE 126)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	33	160
PROJECT FILE NO.		608887	

CURB TIE AND GRADING PLAN - 8

608887_HD(CTG).DWG Plotted on 29-Oct-2020 10:37 PM

BOUND LOCATION TABLE			
STATION	OFFSET	NORTHING	EASTING
221+51.30	51.30' LT	2853494.8085'	662852.8894'



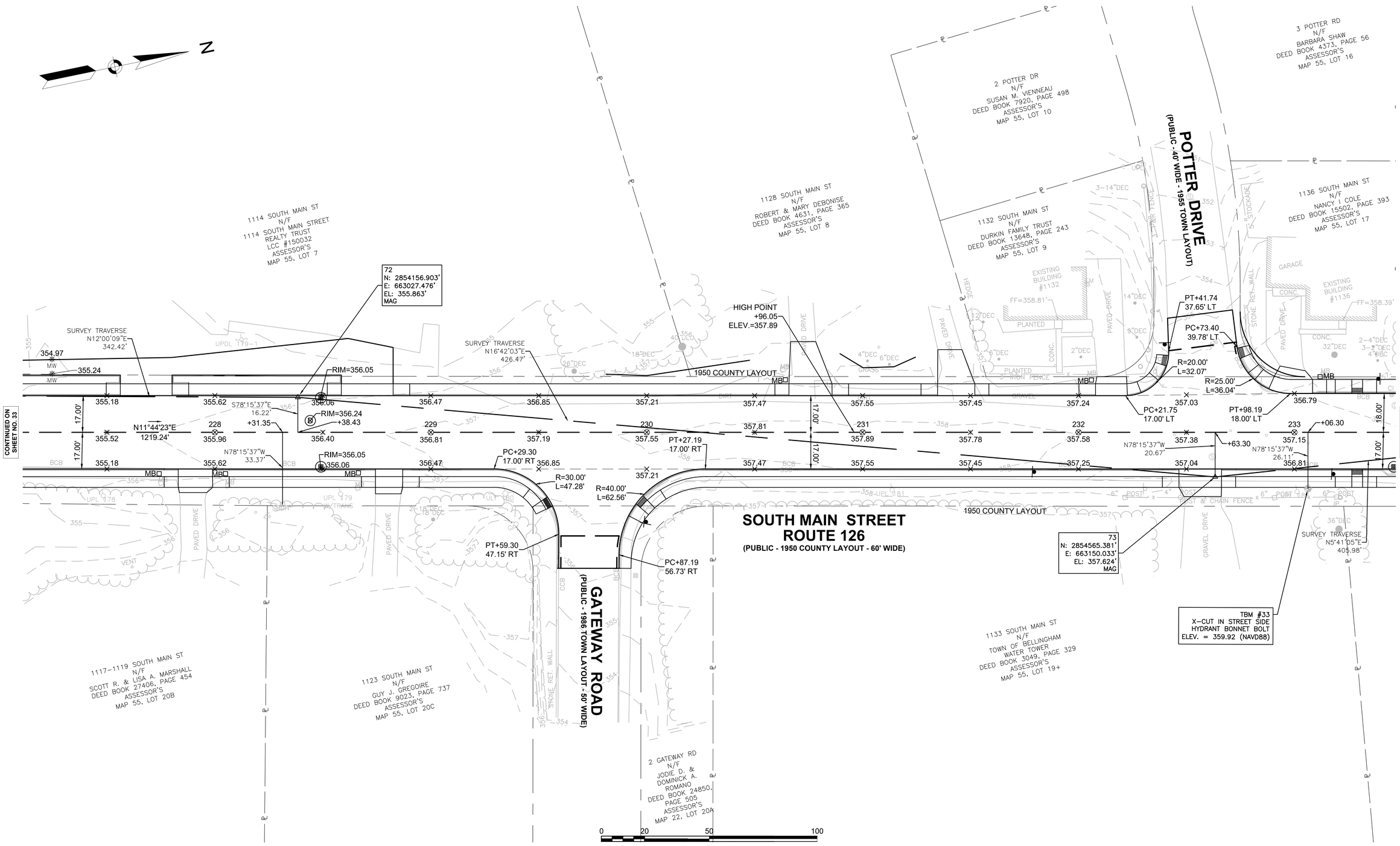
BOUND LOCATION TABLE			
STATION	OFFSET	NORTHING	EASTING
228+31.35	33.37' RT	2854139.8888'	663074.5813'

BELLINGHAM
SOUTH MAIN STREET (ROUTE 126)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	34	160
PROJECT FILE NO.		608887	

CURB TIE AND GRADING PLAN - 9

608887_HD(CTG).DWG Plotted on 29-Oct-2020 10:38 PM



BELLINGHAM
SOUTH MAIN STREET (ROUTE 126)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	35	160
PROJECT FILE NO.	608887		

CURB TIE AND GRADING PLAN - 10

608887_HD(CTG).DWG Plotted on 29-Oct-2020 10:38 PM

SOUTH MAIN STREET
ROUTE 126
(PUBLIC - 1950 LAYOUT)

N

3 POTTER RD
N/F
BARBARA SHAW
DEED BOOK 4373, PAGE 56
ASSESSOR'S
MAP 55, LOT 16

1136 SOUTH MAIN ST
N/F
NANCY I COLE
DEED BOOK 15502, PAGE 393
ASSESSOR'S
MAP 55, LOT 17

1140 SOUTH MAIN ST
N/F
STEVEN & NICHOLA SHEA
DEED BOOK 17676, PAGE 281
ASSESSOR'S
MAP 50, LOT 12

1150 SOUTH MAIN ST
N/F
ANTONIO S. & MARIE F. SAWAN
DEED BOOK 11530, PAGE 384
ASSESSOR'S
MAP 50, LOT 13

1154 SOUTH MAIN ST
N/F
FRANCIS A. & KATHLEEN E. BENTLEY
DEED BOOK 15011, PAGE 253
ASSESSOR'S
MAP 50, LOT 16

1158 SOUTH MAIN ST
N/F
ROMAN CATHOLIC ARCHBISHOP
ST. BLAISE CHRUCH
DEED BOOK , PAGE
ASSESSOR'S
MAP 50, LOT 17

74
N: 2854969.362'
E: 663190.246'
EL: 354.892'
MAG

CONTINUED ON SHEET NO. 34

CONTINUED ON SHEET NO. 36

TBM #33
X-CUT IN STREET SIDE
HYDRANT BONNET BOLT
ELEV. = 359.92 (NAVD88)

1141 SOUTH MAIN ST
N/F
ISMAIL & LINDSAY SEZEN
DEED BOOK 33351, PAGE 529
ASSESSOR'S
MAP 55, LOT 18

1145 SOUTH MAIN ST
N/F
FREDERICK JR. & RHONDA L. SAVOIE
DEED BOOK 7077, PAGE 185
ASSESSOR'S
MAP 50, LOT 103

1147 SOUTH MAIN ST
N/F
KELLY S. & FRANK R. GRANT
DEED BOOK 25080, PAGE 310
ASSESSOR'S
MAP 50, LOT 102

1153 SOUTH MAIN ST
N/F
DAVID H. & NANCY E. BROWN
DEED BOOK 4966, PAGE 20
ASSESSOR'S
MAP 50, LOT 101

1157 SOUTH MAIN ST
N/F
ROEY D. HAMLET & JANINE A. CIFIZZARI
DEED BOOK 33072, PAGE 222
ASSESSOR'S
MAP 50, LOT 100

SURVEY TRAVERSE
N5°41'05"E
405.98'

N11°44'23"E
1219.24'

S78°15'37"E
22.16'

SURVEY TRAVERSE
N16°53'07"E
380.59'

PC+71.78
17.00' RT

PRC+85.91
17.50' RT

PT+00.05
18.00' RT

PC +45.00

R=200.00'
L=14.15'

R=200.00'
L=14.15'

Δ=16°22'03"
R=2050.00'
L=585.62'
T=294.82'

RIM=356.56

RIM=354.67

0 20 50 100
SCALE: 1" = 20'

BOUND LOCATION TABLE			
STATION	OFFSET	NORTHING	EASTING
244+44.58	34.25' RT	2855738.3103'	663317.3665'

BELLINGHAM
SOUTH MAIN STREET (ROUTE 126)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	36	160
PROJECT FILE NO.	608887		

CURB TIE AND GRADING PLAN - 11

608887_HD(CTG).DWG Plotted on 29-Oct-2020 10:39 PM

N

SOUTH MAIN STREET
ROUTE 126
(PUBLIC - 1950 COUNTY LAYOUT - 60' WIDE)

1158 SOUTH MAIN ST
N/F
ROMAN CATHOLIC ARCHBISHOP
ST. BLAISE CHRUCH
DEED BOOK , PAGE
ASSESSOR'S
MAP 50, LOT 17

SOUTH MAIN ST
N/F
TOWN OF BELLINGHAM
OLD TOWN WELL
LC DEED BOOK 911, PAGE 147
ASSESSOR'S
MAP 50, LOT 18

1172 SOUTH MAIN ST
N/F
FIRST BAPTIST CHRUCH
DEED BOOK 3917, PAGE 404
ASSESSOR'S
MAP 50, LOT 19

76
N: 2855658.739'
E: 663266.761'
EL: 337.460'
MAG

75
N: 2855333.545'
E: 663300.792'
EL: 349.437'
MAG

TBM #34
DUPLEX NAIL SET IN POLE #191
ELEV. = 339.17 (NAVD88)

CONTINUED ON SHEET NO. 35

CONTINUED ON SHEET NO. 37

SURVEY TRAVERSE
N16°53'07"E
380.59'

SURVEY TRAVERSE
N5°58'27"W
326.97'

SURVEY TRAVERSE
N5°33'34"W
381.31'

N87°06'11"E
21.68'

N4°37'41"W
143.69'

S85°22'19"W
34.25'

S87°26'13"W
24.02'

PC+88.23
18.00' RT

PRC+54.76
18.00' RT

PC+40.11
31.11' RT

PT+02.99
32.69' RT

Δ=16°22'03"
R=2050.00'
L=585.62'
T=294.82'
N83°49'47"W
21.76'

R=15.00'
L=21.61'

R=15.00'
L=23.20'

PT +30.62

+44.27

+44.58

+56.74

+68.69

RIM=350.92

RIM=342.85

RIM=332.85

RIM=332.60

RIM=332.76

CRYSTAL WAY
(PRIVATE - CARIABLE WIDTH - 1987 LAYOUT)

CUMMINGS LANE
(PRIVATE - 40' WIDE - 2004 LAYOUT)

1157 SOUTH MAIN ST
N/F
ROEY D. HAMLET &
JANINE A. CIFIZZARI
DEED BOOK 33072, PAGE 222
ASSESSOR'S
MAP 50, LOT 100

1161 SOUTH MAIN ST
N/F
ANN MARIE SIMPSON
DEED BOOK 24480, PAGE 52
ASSESSOR'S
MAP 50, LOT 99A-2

1163 SOUTH MAIN ST
N/F
BENJAMIN & MARY GRACE
TUCKER
DEED BOOK 10937, PAGE 339
ASSESSOR'S
MAP 50, LOT 99A-1

1167 SOUTH MAIN ST
N/F
WESLEY C. GARNER
DEED BOOK 20496, PAGE 169
ASSESSOR'S
MAP 50, LOT 99

CUMMINGS LN
N/F
WESLEY C. GARNER
DEED BOOK 20496, PAGE 169
ASSESSOR'S
MAP 50, LOT 99-3

EXISTING BUILDING #1161

0 20 50 100
SCALE: 1" = 20'

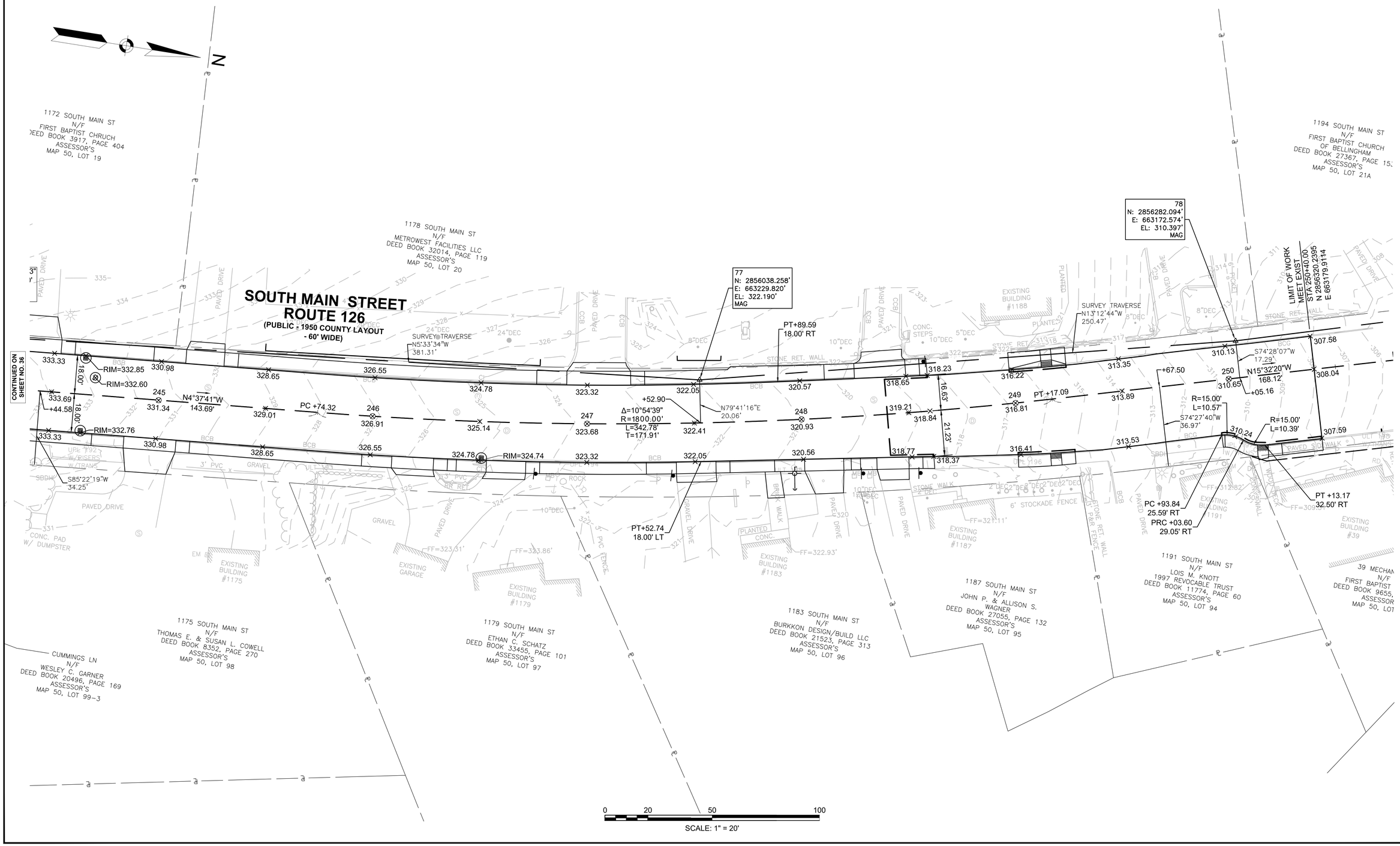
BOUND LOCATION TABLE			
STATION	OFFSET	NORTHING	EASTING
244+44.58	34.25' RT	2855738.3103'	663317.3665'
249+67.50	36.97' RT	2856260.3009'	663234.9520'

BELLINGHAM
SOUTH MAIN STREET (ROUTE 126)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	37	160
PROJECT FILE NO.		608887	

CURB TIE AND GRADING PLAN - 12

608887_HD(CTG).DWG Plotted on 29-Oct-2020 10:40 PM



BELLINGHAM
SOUTH MAIN STREET (ROUTE 126)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	38	160
PROJECT FILE NO.	608887		

TRAFFIC SIGNS & PAVEMENT MARKINGS - 1

608887_TRSIGN_STRIPING).DWG Plotted on 29-Oct-2020 10:41 PM

SOUTH MAIN STREET
ROUTE 126
(PUBLIC - 1950 COUNTY LAYOUT - 60' WIDE)

980 SOUTH MAIN ST N/F LEE J. & EMELIA LEELAND DEED BOOK 6825, PAGE 462 ASSESSOR'S MAP 64, LOT 1

984 SOUTH MAIN ST N/F BRIAN T. & ANA P. MURPHY DEED BOOK 19495, PAGE 315 ASSESSOR'S MAP 64, LOT 2

988 SOUTH MAIN ST N/F CHARLES & GERALDINE M. OBRIEN DEED BOOK 21222, PAGE 31 ASSESSOR'S MAP 64, LOT 3

992 SOUTH MAIN ST N/F NORMAND R. & CLAIRE J. PARENTEAU DEED BOOK 5380, PAGE 577 ASSESSOR'S MAP 64, LOT 4

996 SOUTH MAIN ST N/F JAMES W. & PAULA J. NIEVA DEED BOOK 7946, PAGE 438 ASSESSOR'S MAP 64, LOT 5

1000 SOUTH MAIN ST N/F JASH REALTY TRUST DEED BOOK 32433, PAGE 32 ASSESSOR'S MAP 64, LOT 6

1010 SOUTH MAIN ST N/F WALTON A. & ROSEMARY H. WEBSON DEED BOOK 16312, PAGE 352 ASSESSOR'S MAP 63, LOT 27

985 SOUTH MAIN ST N/F E JAY REALTY TRUST DEED BOOK 13834, PAGE 228 ASSESSOR'S MAP 64, LOT 209

989 SOUTH MAIN ST N/F STEVEN J. CHISHOLM DEED BOOK 32659, PAGE 534 ASSESSOR'S MAP 64, LOT 213-2

19 DOUGLAS DR N/F 284 REUNION NOMINEE TRUST DEED BOOK 25228, PAGE 458 ASSESSOR'S MAP 64, LOT 190

1001 SOUTH MAIN ST N/F 284 REUNION NOMINEE TRUST DEED BOOK 25228, PAGE 458 ASSESSOR'S MAP 64, LOT 190

BEGIN PROJECT MEET EXISTING STA 182+35.00 N 2849661.5139 E 662761.4862

1950 COUNTY LAYOUT

3.5' SHLDR | 12.0' LANE | 12.0' LANE | 1.3' SHLDR

5' SHOULDER | 12' LANE | 12' LANE | 5' SHOULDER

6" SWL | 6" DBYL | 6" SWL

R3-17 R3-17bP

R3-17 R3-17aP

W11-2 W16-9P

R&S

182 | 183 | 184 | 185 | 186

PC +05.38

PC +54.80 0.54' RT

PCC +56.53 3.57' LT

R=1040.00' L=151.04'

R=1040.00' L=150.20'

R=1024.80' L=47.44'

PT +04.10 4.67' LT

PT +04.68 3.58' RT

PC +14.66 3.68' RT

W11-2 W16-7P

PC +15.77 5.09' LT

R=49.50' L=19.03'

PT +34.49 2.04' LT

PT +37.26 0.99' LT

R=2.50' L=6.96'

PCC +36.35 CW 3.85' RT

R=1040.00' L=21.76'

PROP 12" SYL 30°, 10' O.C.

PC +36.03

186+73.00 SOUTH MAIN STREET= 20+00.00 DOUGLAS DRIVE

+00 | 187 | +00 | +20 | +27

4.00'

6" SWL | 121' - 6" SWL | 6" DBYL | 6" SWL

11' LANE | 12' LANE | 12' LANE | 5' SHOULDER

MA-D3-7 R1-1

12" SL

6" DBYL

R&R "BELLINGHAM MEDICAL" SIGN

18' (TYP)

9' (TYP)

6" SWL

18.0' LANE | 21 PT +88.05 | 16.0' LANE

DOUGLAS DRIVE
(PUBLIC - 40' WIDE - 1952 LAYOUT)

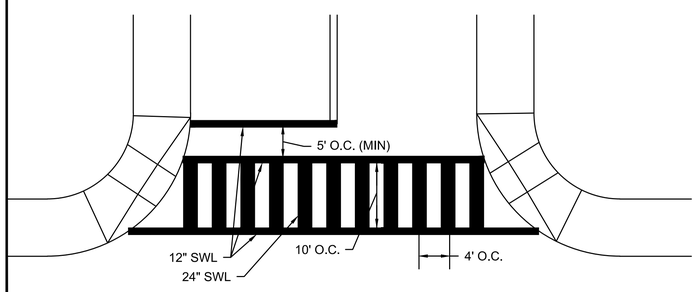
1952 TOWN LAYOUT

LIMIT OF WORK
MEET EXISTING
STA 21+15.00
N 2850051.573
E 662995.773

CONTINUED ON SHEET NO. 39

0 20 50 100

SCALE: 1" = 20'



TYPICAL CROSSWALK MARKING DETAIL
NOT TO SCALE

BELLINGHAM
SOUTH MAIN STREET (ROUTE 126)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	39	160
PROJECT FILE NO.	608887		

TRAFFIC SIGN & PAVEMENT MARKINGS - 2

608887_TRISIGN_STRIPING).DWG Plotted on 29-Oct-2020 10:42 PM

SOUTH MAIN STREET
ROUTE 126
(PUBLIC - 1950 COUNTY LAYOUT - 60' WIDE)

CONTINUED ON SHEET NO. 38

CONTINUED ON SHEET NO. 40

1010 SOUTH MAIN ST
N/F
WALTON A. & ROSEMARY H. WEBSON
DEED BOOK 16312, PAGE 352
ASSESSOR'S
MAP 63, LOT 27

1040 SOUTH MAIN ST
N/F
OMAR H. & BARBARA E. WENGER
DEED BOOK 28722, PAGE 303
ASSESSOR'S
MAP 59, LOT 5

1020 SOUTH MAIN ST
N/F
GAYLE L. ABRAMS
DEED BOOK 29159, PAGE 135
ASSESSOR'S
MAP 59, LOT 4

1007 SOUTH MAIN ST
N/F
GEORGE J. CLAFFEY
DEED BOOK 15043, PAGE 576
ASSESSOR'S
MAP 64, LOT 208

1015 SOUTH MAIN ST
N/F
CATHERINE ROGOZYN
DEED BOOK 6233, PAGE 397
ASSESSOR'S
MAP 64, LOT 8

1019 SOUTH MAIN ST
N/F
MON REPOS REALTY TRUST
DEED BOOK 7714, PAGE 551
ASSESSOR'S
MAP 64, LOT 7

11 EASY ST
N/F
STEPHEN FREDERICK & STEPHANIE M. DUPONTE
DEED BOOK 13193, PAGE 448
ASSESSOR'S
MAP 64, LOT 207

EASY STREET
(PUBLIC - 50' WIDE - 1952 LAYOUT)

1952 TOWN LAYOUT

EASY STREET CONSTRUCTION ℄

1952 TOWN LAYOUT

1950 COUNTY LAYOUT

SOUTH MAIN STREET CONSTRUCTION ℄

1950 COUNTY LAYOUT

189+54.08 SOUTH MAIN STREET=
10+00.00 EASY STREET

LIMIT OF WORK
MEET EXISTING
STA 11+10.00
N 2850368.2955
E 663000.4084

R3-7L
R&S
W11-2
W16-7P
W2-2
W16-8P-EASY
W16-9P
R1-1
MA-D3-8
MB
CW
SWL
DBYL
BCR
RCB
SBDH
RB
CONC
PAVED DRIVE
GRAVEL DRIVE
EDGE OF FARM FIELD
STONE RET. WALL
HEDGE
SEPTIC LEACH FIELD
EXISTING BUILDING #1007
EXISTING BUILDING #1015
EXISTING BUILDING #1020
PLANTER
GARAGE
STOP
EASY ST
PED CROSSING ICON
CROSSWALK
RB COPPER ROD W/PUNCH MARK

PROP 12" SYL
30", 10' O.C.

PC +84.02
5.65' LT
R=100.00'
L=31.47'
PT +15.50
5.09' LT
PT +21.57
3.93' LT
R=4.00'
L=11.80'
PC +20.81
4.00' RT
PC +19.02
4.00' RT
R=100.00'
L=20.70'
PT +39.54
2.04' RT

PT +66.11
1.39' RT
R=200.00'
L=30.66'
PC +83.24
4.00' RT
PC +35.62
3.74' RT
PROP 12" SYL
30°, 10' O.C.
PC +04.33
3.65' LT
R=200.00'
L=30.87'
PT +35.23
4.63' LT
PC +44.01
4.12' LT
R=1040.00'
L=106.53'
PT +92.26
0.08' RT
R=1040.00'
L=16.36'
PCC +75.87
0.45' RT
PT +50.55
R=1200.00'
L=193.06'

12" SL
2'± SHLDR
1'± SHLDR
5.00'
12' LANE
10' LANE
10' LANE
11' LANE
5' SHLDR
4.00'
5' SHOULDER
6" SWL (TYP)
6" SWL
6" DBYL
MBO
+21
+20
+84
+37
188
189
190
191
192
193

ONLY
ONLY

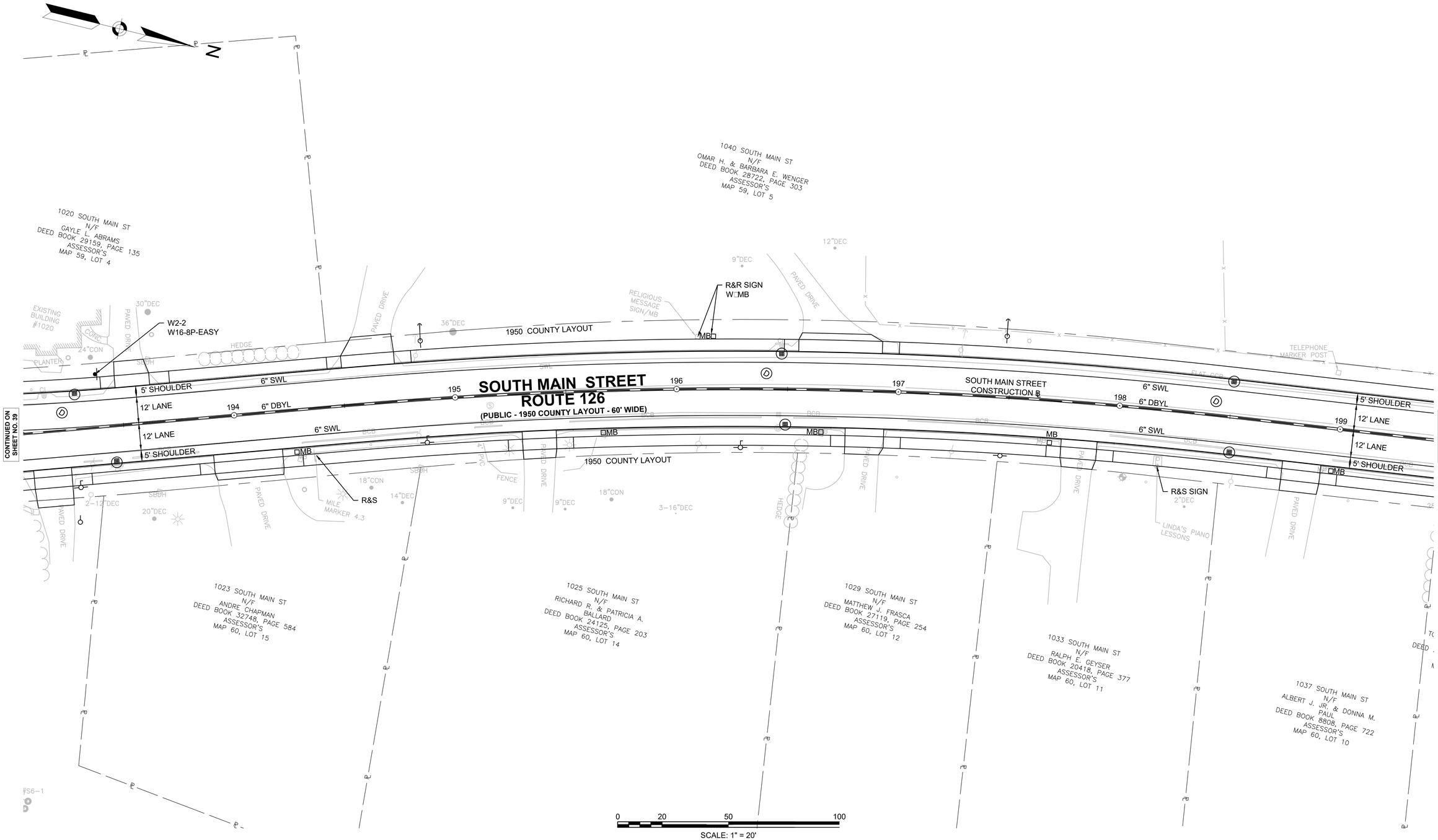
0 20 50 100
SCALE: 1" = 20'

BELLINGHAM
SOUTH MAIN STREET (ROUTE 126)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	40	160
PROJECT FILE NO.	608887		

TRAFFIC SIGN & PAVEMENT MARKINGS - 3

608887_TR(SIGN_STRIPING).DWG Plotted on 29-Oct-2020 10:43 PM

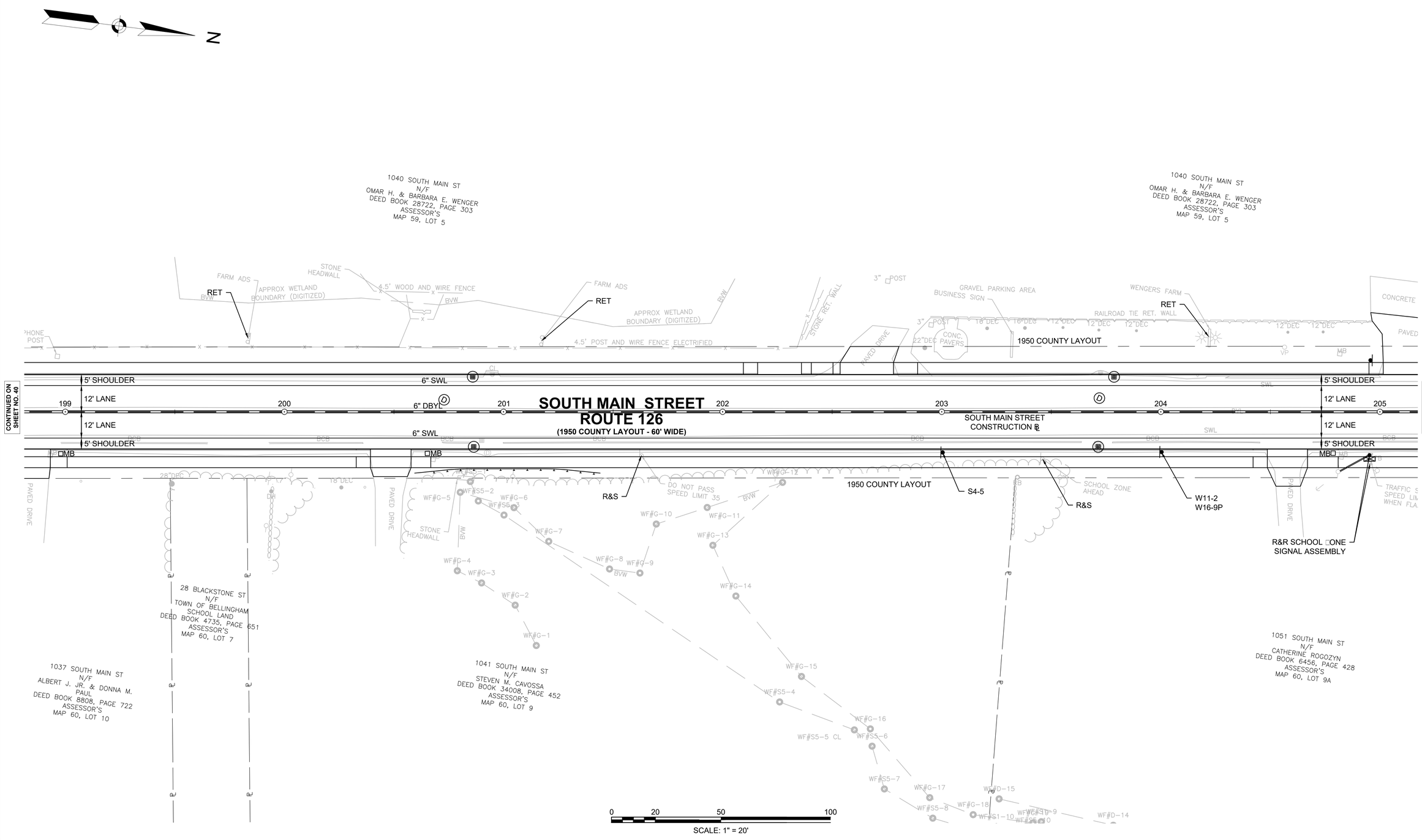


BELLINGHAM
SOUTH MAIN STREET (ROUTE 126)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	41	160
PROJECT FILE NO.	608887		

TRAFFIC SIGN & PAVEMENT MARKINGS - 4

608887_TRSIGN_STRIPING).DWG Plotted on 29-Oct-2020 10:43 PM

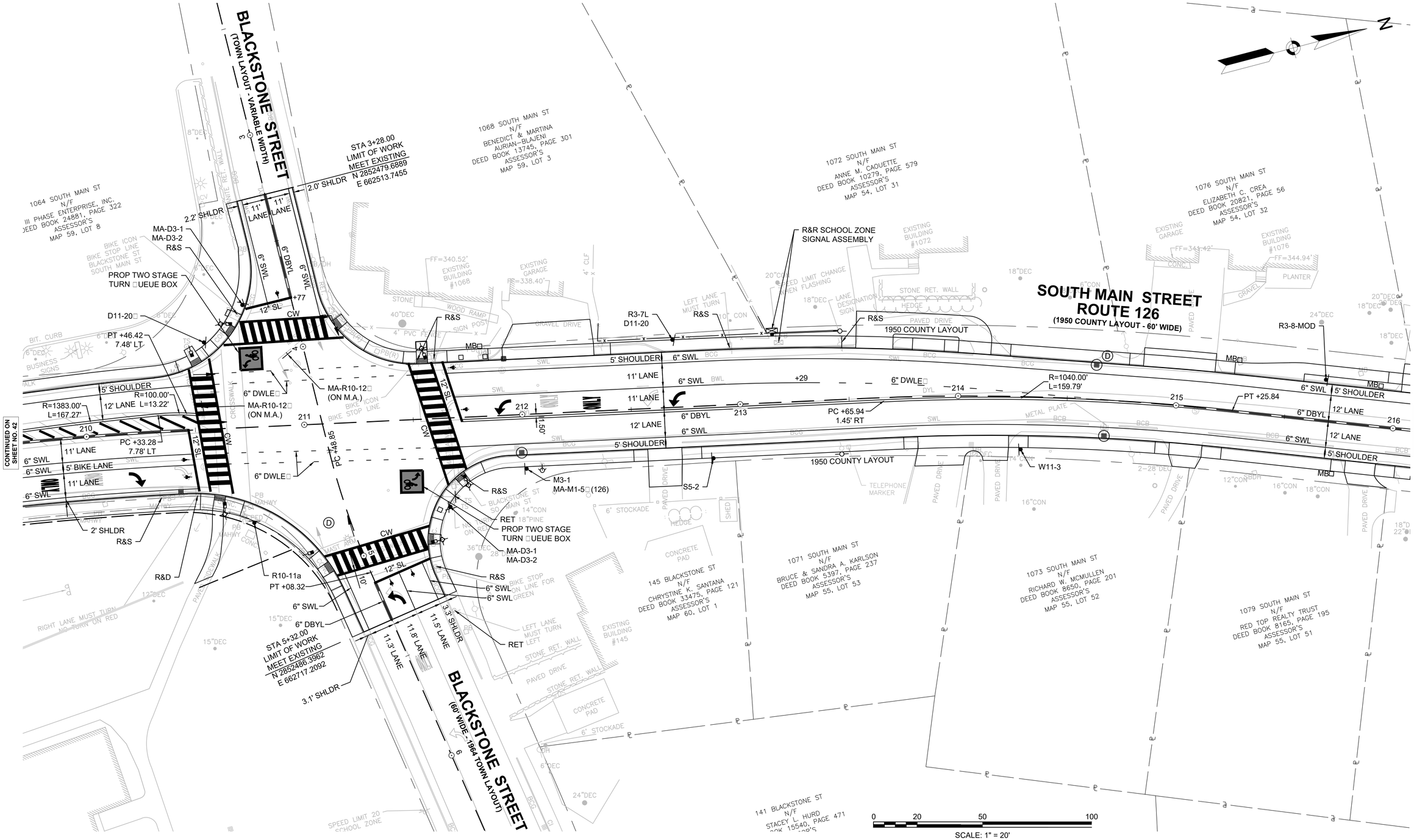


BELLINGHAM
SOUTH MAIN STREET (ROUTE 126)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	43	160
PROJECT FILE NO.		608887	

TRAFFIC SIGN & PAVEMENT MARKINGS - 6

608887_TRISIGN_STRIPING).DWG Plotted on 30-Oct-2020 3:28 PM



BELLINGHAM
SOUTH MAIN STREET (ROUTE 126)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	42	160
PROJECT FILE NO.	608887		

TRAFFIC SIGN & PAVEMENT MARKINGS - 5

608887_TRSIGN_STRIPING).DWG Plotted on 29-Oct-2020 10:44 PM

N

1052 SOUTH MAIN ST
N/F
POWER TEST REALTY COMPANY
LIMITED PARTNERSHIP
DEED BOOK 6681, PAGE 209
ASSESSOR'S
MAP 59, LOT 5A

1056 SOUTH MAIN ST
N/F
ROLAND DESMARIAS
DEED BOOK 4210, PAGE 242
ASSESSOR'S
MAP 59, LOT 6

1060 SOUTH MAIN ST
N/F
RALPH P. & CAROLLE M.
LAWSON
DEED BOOK 4827, PAGE 344
ASSESSOR'S
MAP 59, LOT 7

1064 SOUTH MAIN ST
N/F
III PHASE ENTERPRISE, INC.
DEED BOOK 24881, PAGE 322
ASSESSOR'S
MAP 59, LOT 8

1051 SOUTH MAIN ST
N/F
CATHERINE ROGOZYN
DEED BOOK 6456, PAGE 428
ASSESSOR'S
MAP 60, LOT 9A

130 BLACKSTONE ST
N/F
TOWN OF BELLINGHAM
HIGH SCHOOL
DEED BOOK 3975, PAGE 676
ASSESSOR'S
MAP 60, LOT 8

SOUTH MAIN STREET
ROUTE 126
(1950 COUNTY LAYOUT - 60' WIDE)

SOUTH MAIN STREET CONSTRUCTION ℄

1950 COUNTY LAYOUT

PROP SOLAR POWERED RRFB ASSEMBLY
W11-2(2)
W16-7P(2)

R&S

R&R

R&R SCHOOL □ONE SIGNAL ASSEMBLY

PROP SOLAR POWERED RRFB ASSEMBLY
W11-2(2)
W16-7P(2)

R4-4

R&S

R3-7R
D11-20

2' SHLDR

R&S

R&D

PC +66.68
1.15' LT

PROP 12" YELLOW GORE LINE @ 30°, 10' O.C.

W11-2
W16-9P

M3-3
MA-M1-5□(126)

D11-20□

MA-R10-12□
(ON MAST ARM)

MA-D3-1
MA-D3-2

PT +46.42
7.48' LT

PT +08.32

R=1383.00'
L=167.27'

R=100.00'
L=13.22'

PCC +33.28
7.78' LT

5' SHOULDER
12' LANE
11' LANE
5' BIKE LANE
11' LANE
5' SHOULDER

6" SWL
6" DBYL
6" DWLE□

S5-2

TRAFFIC SIGNAL SPEED LIMIT WHEN FLASHING

CONTINUED ON SHEET NO. 41

CONTINUED ON SHEET NO. 43

0 20 50 100

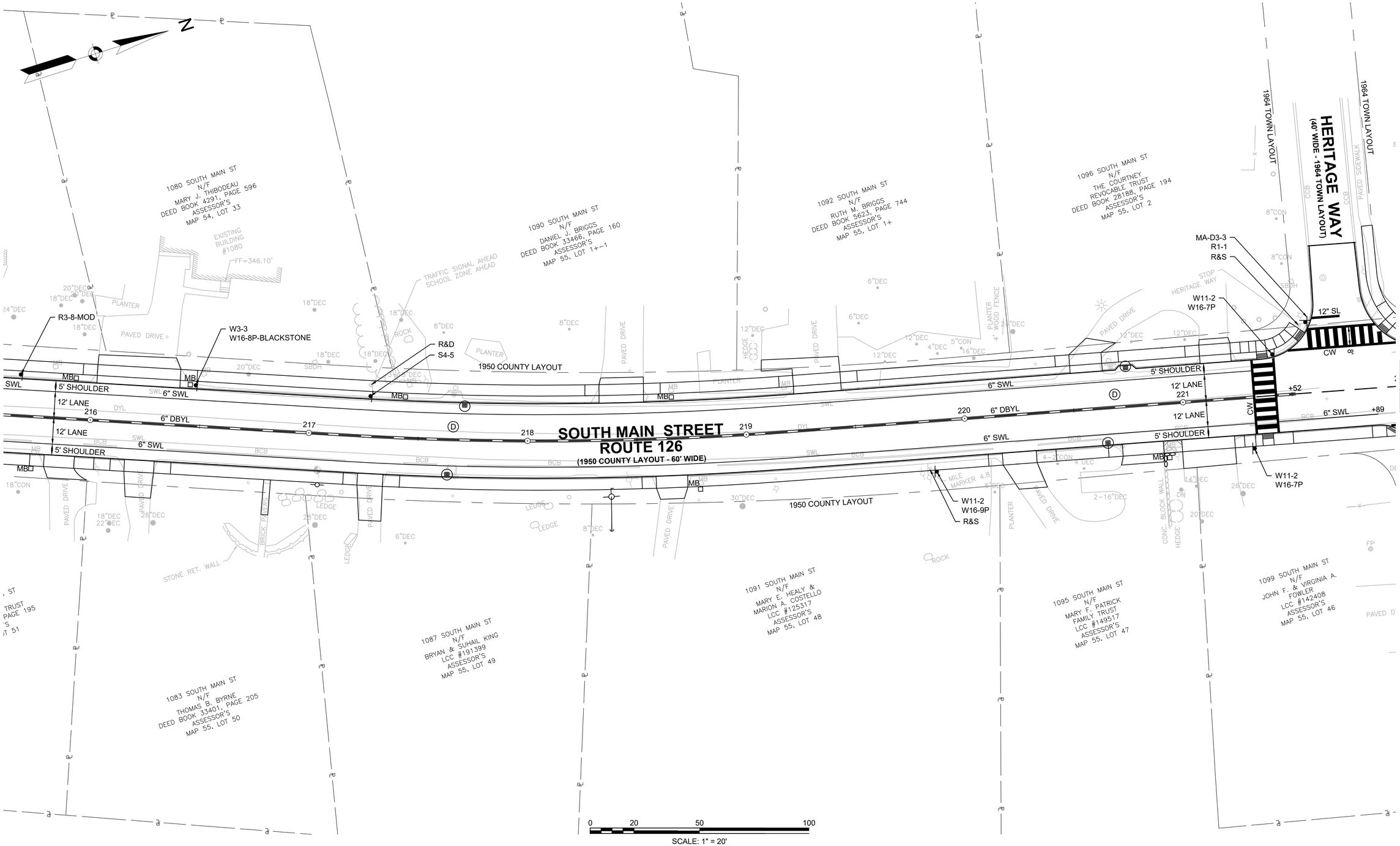
SCALE: 1" = 20'

BELLINGHAM
SOUTH MAIN STREET (ROUTE 126)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	44	160
PROJECT FILE NO.		608887	

TRAFFIC SIGN & PAVEMENT MARKINGS - 7

608887_TRISIGN_STRIPING).DWG Plotted on 29-Oct-2020 10:45 PM

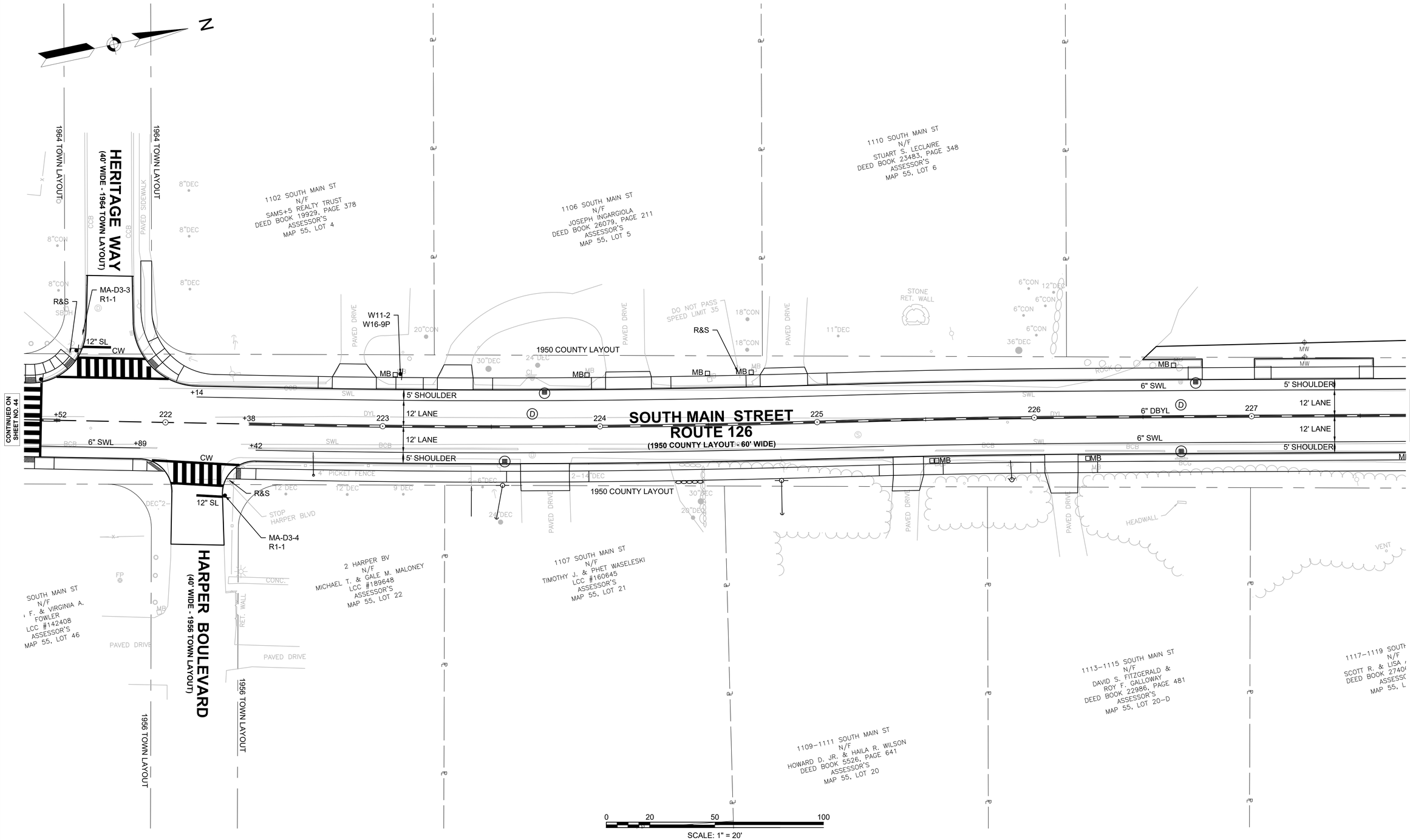


BELLINGHAM
SOUTH MAIN STREET (ROUTE 126)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	45	160
PROJECT FILE NO.	608887		

TRAFFIC SIGN & PAVEMENT MARKINGS - 8

608887_TRISIGN_STRIPING).DWG Plotted on 29-Oct-2020 10:45 PM

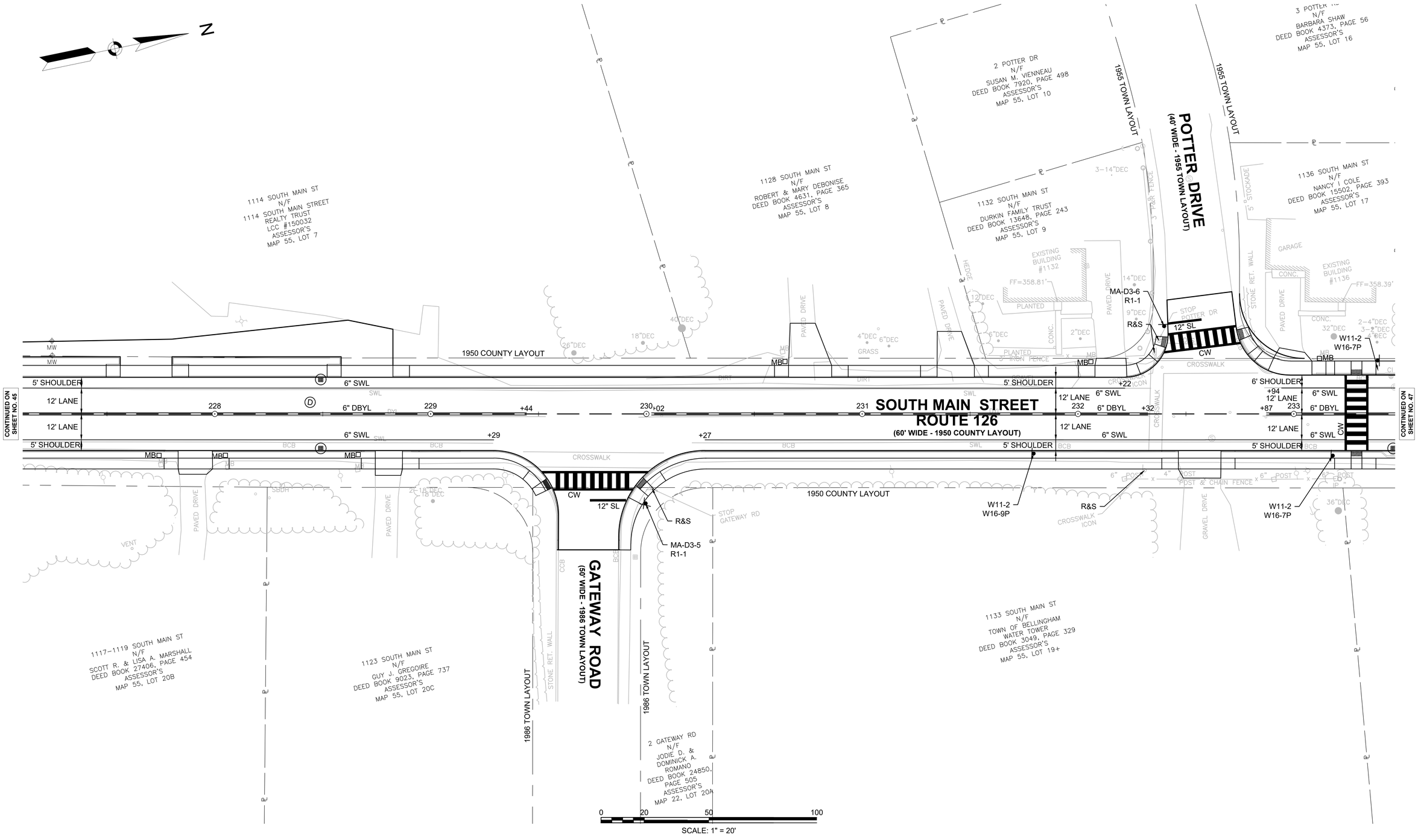


BELLINGHAM
SOUTH MAIN STREET (ROUTE 126)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	46	160
PROJECT FILE NO.	608887		

TRAFFIC SIGN & PAVEMENT MARKINGS - 9

608887_TRSIGN_STRIPING).DWG Plotted on 29-Oct-2020 10:46 PM



BELLINGHAM
SOUTH MAIN STREET (ROUTE 126)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	47	160
PROJECT FILE NO.	608887		

TRAFFIC SIGN & PAVEMENT MARKINGS - 10

608887_TRSIGN_STRIPING).DWG Plotted on 29-Oct-2020 10:47 PM

3 POTTER
N/F
BARBARA SHAW
DEED BOOK 4373, PAGE 56
ASSESSOR'S
MAP 55, LOT 16

1136 SOUTH MAIN ST
N/F
NANCY I COLE
DEED BOOK 15502, PAGE 393
ASSESSOR'S
MAP 55, LOT 17

1140 SOUTH MAIN ST
N/F
STEVEN & NICHOLA SHEA
DEED BOOK 17676, PAGE 281
ASSESSOR'S
MAP 50, LOT 12

1150 SOUTH MAIN ST
N/F
ANTONIO S. & MARIE F. SAWAN
DEED BOOK 11530, PAGE 384
ASSESSOR'S
MAP 50, LOT 13

1154 SOUTH MAIN ST
N/F
FRANCIS A. & KATHLEEN E. BENTLEY
DEED BOOK 15011, PAGE 253
ASSESSOR'S
MAP 50, LOT 16

1158 SOUTH MAIN ST
N/F
ROMAN CATHOLIC ARCHBISHOP ST. BLAISE CHRUCH
DEED BOOK , PAGE
ASSESSOR'S
MAP 50, LOT 17

1141 SOUTH MAIN ST
N/F
ISMAIL & LINDSAY SEZEN
DEED BOOK 33351, PAGE 529
ASSESSOR'S
MAP 55, LOT 18

1145 SOUTH MAIN ST
N/F
FREDERICK JR. & RHONDA L. SAVOIE
DEED BOOK 7077, PAGE 185
ASSESSOR'S
MAP 50, LOT 103

1147 SOUTH MAIN ST
N/F
KELLY S. & FRANK R. GRANT
DEED BOOK 25080, PAGE 310
ASSESSOR'S
MAP 50, LOT 102

1153 SOUTH MAIN ST
N/F
DAVID H. & NANCY E. BROWN
DEED BOOK 4966, PAGE 20
ASSESSOR'S
MAP 50, LOT 101

1157 SOUTH MAIN ST
N/F
ROEY D. HAMLET & JANINE A. CIFIZZARI
DEED BOOK 33072, PAGE 222
ASSESSOR'S
MAP 50, LOT 100

SOUTH MAIN STREET
ROUTE 126
(1950 COUNTY LAYOUT - 60' WIDE)

1950 COUNTY LAYOUT

CONTINUED ON SHEET NO. 46

CONTINUED ON SHEET NO. 48

SCALE: 1" = 20'

BELLINGHAM
SOUTH MAIN STREET (ROUTE 126)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	48	160
PROJECT FILE NO.	608887		

TRAFFIC SIGN & PAVEMENT MARKINGS - 11

608887_TRSIGN_STRIPING).DWG Plotted on 29-Oct-2020 10:47 PM

N

1158 SOUTH MAIN ST
N/F
ROMAN CATHOLIC ARCHBISHOP
ST. BLAISE CHRUCH
DEED BOOK , PAGE
ASSESSOR'S
MAP 50, LOT 17

SAINT BLAISE CHURCH

SAINT BLAISE BINGO

DO NOT EXIT

PAVED DRIVE

LEDGE

SOUTH MAIN ST
N/F
TOWN OF BELLINGHAM
OLD TOWN WELL
LC DEED BOOK 911, PAGE 147
ASSESSOR'S
MAP 50, LOT 18

1950 COUNTY LAYOUT

EDGE OF PAVEMENT

1172 SOUTH MAIN ST
N/F
FIRST BAPTIST CHRUCH
DEED BOOK 3917, PAGE 404
ASSESSOR'S
MAP 50, LOT 19

CONTINUED ON SHEET NO. 47

CONTINUED ON SHEET NO. 49

SOUTH MAIN STREET
ROUTE 126
(1950 COUNTY LAYOUT - 60' WIDE)

6' SHOULDER
12' LANE
12' LANE
6' SHOULDER
6" SWL
6" DBYL
6" SWL
12" SL
R&S
CW
W11-2
W16-9P
W11-2
W16-7P
MILE MARKER 5.2
CROSSWALK
239
240
241
242
243
244
+88
+96
+53

CRYSTAL SPRINGS CONDOMINIUMS
RET

CRYSTAL WAY
(PRIVATE WAY)

R1-1

EXISTING BUILDING #1161
FF=350.78'

1157 SOUTH MAIN ST
N/F
ROEY D. HAMLET &
JANINE A. CIFIZZARI
D BOOK 33072, PAGE 222
ASSESSOR'S
MAP 50, LOT 100

1161 SOUTH MAIN ST
N/F
ANN MARIE SIMPSON
DEED BOOK 24480, PAGE 52
ASSESSOR'S
MAP 50, LOT 99A-2

1163 SOUTH MAIN ST
N/F
BENJAMIN & MARY GRACE
TUCKER
DEED BOOK 10937, PAGE 339
ASSESSOR'S
MAP 50, LOT 99A-1

1167 SOUTH MAIN ST
N/F
WESLEY C. GARNER
DEED BOOK 20496, PAGE 169
ASSESSOR'S
MAP 50, LOT 99

CUMMINGS LANE
(PRIVATE - 40' WIDE - 2004 LAYOUT)

CUMMINGS LN
N/F
WESLEY C. GARN
DEED BOOK 20496, P
ASSESSOR'S
MAP 50, LOT 99

CONC. PAD W/ DUMPSTER

6' IRON FENCE

GRAVEL

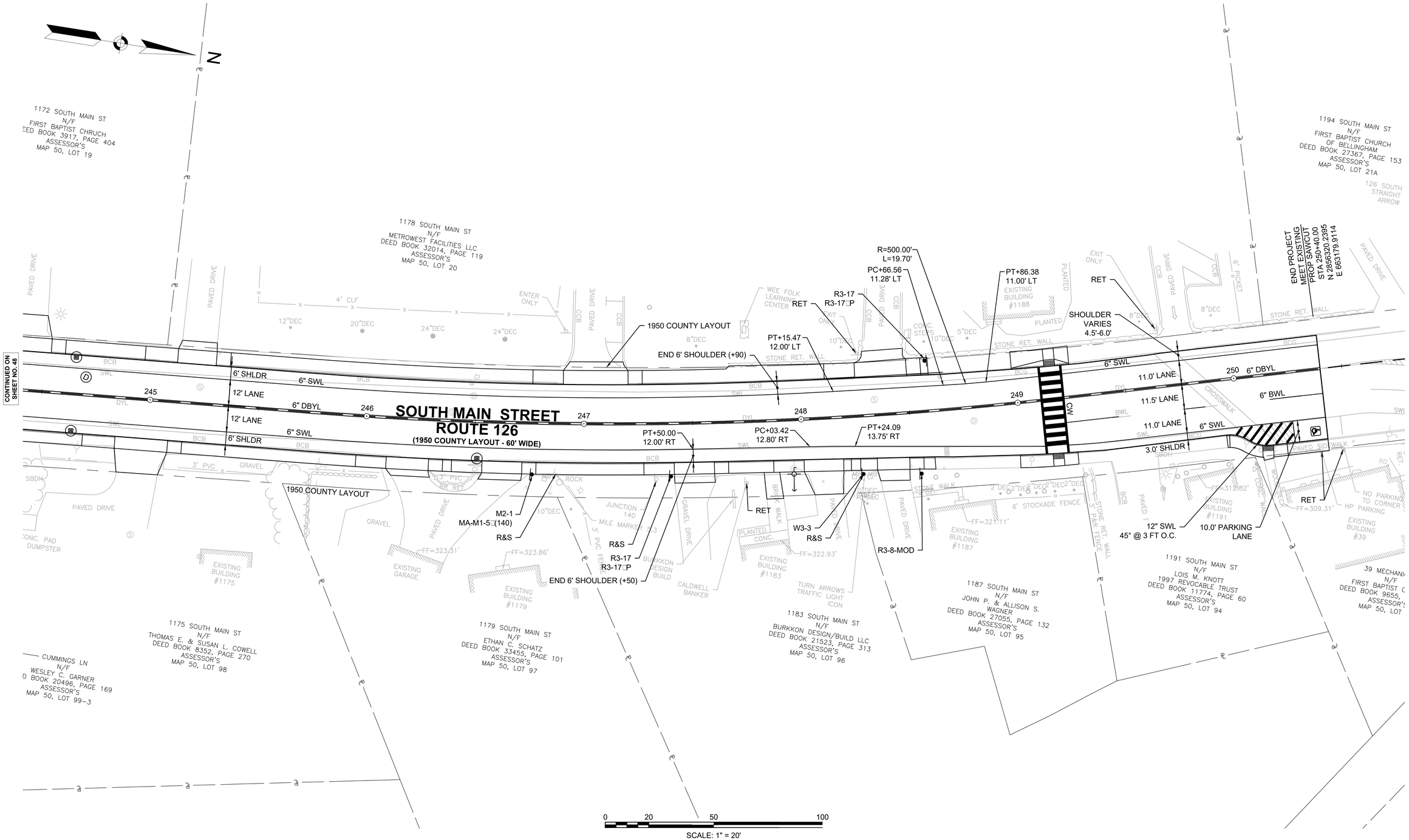
0 20 50 100
SCALE: 1" = 20'

BELLINGHAM
SOUTH MAIN STREET (ROUTE 126)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	49	160
PROJECT FILE NO.	608887		

TRAFFIC SIGN & PAVEMENT MARKINGS - 12

608887_TRSIGN_STRIPING).DWG Plotted on 29-Oct-2020 10:48 PM



BELLINGHAM
ROUTE 126 (SOUTH MAIN STREET)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	50	160
PROJECT FILE NO.	608887		

TRAFFIC SIGN SUMMARY SHEET - 1

TRAFFIC SIGN SUMMARY

IDENTIFI-CATION NUMBER	SIZE OF SIGN WIDTH	SIZE OF SIGN HEIGHT	TEXT	TEXT DIMENSIONS (INCHES) LETTER HEIGHT	TEXT DIMENSIONS (INCHES) VERTICAL SPACING	TEXT DIMENSIONS (INCHES) ARROW RTE. MKR.	NUMBER OF SIGNS REQUIRED	COLOR BACK-GROUND	COLOR LEGEND	COLOR BORDER	POST SIZE AND NUMBER REQUIRED	UNIT AREA (S.F.)	AREA IN SQUARE FEET
R1-1	30"	30"	STOP	SEE 2009 MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS			7	RED	WHITE	WHITE	P-5 (7- RE□'D)	6.25	43.75
R3-7L	30"	30"	LEFT LANE MUST TURN LEFT				3	WHITE	BLACK	BLACK	P-5 (3- RE□'D)	6.25	18.75
R3-7R	30"	30"	RIGHT LANE MUST TURN RIGHT				1	WHITE	BLACK	BLACK	P-5 (1- RE□'D)	6.25	6.25
R3-8-MOD	30"	30"	ONLY				2	WHITE	BLACK	BLACK	P-5 (2- RE□'D)	6.25	12.50
R3-17	24"	18"	BIKE LANE				4	WHITE	BLACK	BLACK	P-5 (4- RE□'D)	3.00	12.00
R3-17□P	24"	8"	AHEAD				2	WHITE	BLACK	BLACK	MOUNT W□ R3-17	1.33	2.67
R3-17□P	24"	8"	ENDS				2	WHITE	BLACK	BLACK	MOUNT W□ R3-17	1.33	2.67
R4-4	36"	30"	BEGIN RIGHT TURN LANE YIELD TO BIKES				1	WHITE	BLACK	BLACK	P-5 (1- RE□'D)	7.50	7.50
R10-11□	30"	36"	NO TURN ON RED				1	WHITE	BLACK	BLACK	P-5 (1-RE□'D)	7.50	7.50
MA-R10-12□	30"	36"	LEFT TURN YIELD ON FLASHING	SEE MASSDOT STANDARD SIGN BOOK			2	WHITE	BLACK	BLACK	MOUNT 2 ON M.A.	7.50	15.00
S4-5	36"	36"	SCHOOL SPEED LIMIT 20	SEE 2009 MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS			2	FLUOR-ESCENT YELLOW□ GREEN	BLACK	BLACK	P-5 (2- RE□'D)	9.00	18.00
S5-2	24"	30"	END SCHOOL ZONE				2	WHITE	BLACK	BLACK	P-5 (2- RE□'D)	5.00	10.00
W2-2	30"	30"					1	YELLOW	BLACK	BLACK	P-5 (1- RE□'D)	6.25	6.25
W3-3	30"	30"					2	YELLOW	BLACK	BLACK	P-5 (2- RE□'D)	6.25	12.50
W11-2	30"	30"					20	FLUOR-ESCENT YELLOW□ GREEN	BLACK	BLACK	P-5 (20- RE□'D)	6.25	125.00
W11-3	30"	30"					2	YELLOW	BLACK	BLACK	P-5 (2- RE□'D)	6.25	12.50

IDENTIFI-CATION NUMBER	SIZE OF SIGN WIDTH	SIZE OF SIGN HEIGHT	TEXT	TEXT DIMENSIONS (INCHES) LETTER HEIGHT	TEXT DIMENSIONS (INCHES) VERTICAL SPACING	TEXT DIMENSIONS (INCHES) ARROW RTE. MKR.	NUMBER OF SIGNS REQUIRED	COLOR BACK-GROUND	COLOR LEGEND	COLOR BORDER	POST SIZE AND NUMBER REQUIRED	UNIT AREA (S.F.)	AREA IN SQUARE FEET
W16-7P	24"	12"		SEE 2009 MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS			10	FLUOR-ESCENT YELLOW□ GREEN	BLACK	BLACK	MOUNT W□ W11-2	2.00	20.00
D11-20	12"	18"	LEFT TURN MAY USE TURN BOX	SEE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES INTERIM APPROVAL IA-20			2	GREEN	WHITE	WHITE	MOUNT W□ R3-7L & R3-7R	1.50	3.00
D11-20□	12"	18"	LEFT TURN BOX				1	GREEN	WHITE	WHITE	P-5 (1 RE□'D)	1.50	1.50

608887_TR(SIGN_SUMMARY).DWG Plotted on 29-Oct-2020 10:48 PM

BELLINGHAM
ROUTE 126 (SOUTH MAIN STREET)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	51	160
PROJECT FILE NO.	608887		

TRAFFIC SIGN SUMMARY SHEET - 2

608887_TR(SIGN_SUMMARY).DWG Plotted on 29-Oct-2020 10:49 PM

TRAFFIC SIGN SUMMARY

IDENTIFI-CATION NUMBER	SIZE OF SIGN		TEXT	TEXT DIMENSIONS (INCHES)			NUMBER OF SIGNS REQUIRED	COLOR			POST SIZE AND NUMBER REQUIRED	UNIT AREA (S.F.)	AREA IN SQUARE FEET
	WIDTH	HEIGHT		LETTER HEIGHT	VERTICAL SPACING	ARROW RTE. MKR.		BACK-GROUND	LEGEND	BORDER			
W16-8P -BLACKSTONE	24"	8"	Blackstone St	SEE 2009 MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS			1	YELLOW	BLACK	BLACK	MOUNT W□ W3-3	1.33	1.33
W16-8P-EASY	18"	8"	Easy St				1	YELLOW	BLACK	BLACK	MOUNT W□ W2-2	1.00	1.00
W16-9P	24"	12"	AHEAD				10	FLUOR-ESCENT YELLOW□ GREEN	BLACK	BLACK	MOUNT W□ 11-2	2.00	20.00
MA-D3-1	36"	12"	South Main St	6D□4D	3 3	N□A	4	GREEN	WHITE	WHITE	P-5 (2 RE□'D)	EA	EA
MA-D3-2	36"	12"	Blackstone St	6D□4D	3 3	N□A	4	GREEN	WHITE	WHITE	MOUNT 2 W□MA-D3-1	EA	EA
MA-D3-3	30"	12"	Heritage Way	6D□4D	3 3.25	N□A	2	GREEN	WHITE	WHITE	MOUNT 1 W□R1-1	EA	EA
MA-D3-4	24"	12"	Harper Blvd	6D□4D	3 3.25	N□A	2	GREEN	WHITE	WHITE	MOUNT 1 W□R1-1	EA	EA
MA-D3-5	30"	12"	Gateway Rd	6D□4D	3 3.25	N□A	2	GREEN	WHITE	WHITE	MOUNT 1 W□R1-1	EA	EA
MA-D3-6	24"	12"	Potter Dr	6D□4D	3 3	N□A	2	GREEN	WHITE	WHITE	MOUNT 1 W□R1-1	EA	EA
MA-D3-7	24"	12"	Douglas Dr	6D□4D	3 3.25	N□A	2	GREEN	WHITE	WHITE	MOUNT 1 W□R1-1	EA	EA
MA-D3-8	24"	12"	Easy St	6D□4D	3 3.25	N□A	2	GREEN	WHITE	WHITE	P-5 (1 RE□'D)	EA	EA
M2-1	21"	15"	JCT	SEE 2009 MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS			1	GREEN	WHITE	WHITE	MOUNT W□ MA-M1-5□(140)	2.19	2.19
MA-M1-5□(126)	30"	24"	126	SEE MASSDOT STANDARD SIGN BOOK			2	WHITE	BLACK	BLACK	P-5 (2- RE□'D)	5.00	10.00
MA-M1-5□(140)	30"	24"	140	SEE MASSDOT STANDARD SIGN BOOK			1	WHITE	BLACK	BLACK	P-5 (1- RE□'D)	5.00	5.00
M3-1	24"	12"	NORTH	SEE 2009 MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS			1	WHITE	BLACK	BLACK	MOUNT 1 W□MA-M1-5□	2.00	2.00
M3-3	24"	12"	SOUTH	SEE 2009 MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS			1	WHITE	BLACK	BLACK	MOUNT 1 W□MA-M1-5□	2.00	2.00

BELLINGHAM
SOUTH MAIN STREET (ROUTE 126)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	52	160
PROJECT FILE NO.		608887	

TRAFFIC SIGNAL LAYOUT PLAN

608887_TR(SIGNAL_PLAN).DWG Plotted on 30-Oct-2020 3:30 PM

N

BLACKSTONE STREET (PUBLIC)

SOUTH MAIN STREET ROUTE 126 (PUBLIC)

1060 SOUTH MAIN ST N/F RALPH P. & CAROLLE M. LAWSON DEED BOOK 4827, PAGE 344 ASSESSOR'S MAP 59, LOT 7

1064 SOUTH MAIN ST N/F III PHASE ENTERPRISE, INC. DEED BOOK 24881, PAGE 322 ASSESSOR'S MAP 59, LOT 8

1068 SOUTH MAIN ST N/F BENEDICT & MARTINA AURIAN-BLAJENI DEED BOOK 13745, PAGE 301 ASSESSOR'S MAP 59, LOT 3

1072 SOUTH MAIN ST N/F ANNE M. CAOUETTE DEED BOOK 10279, PAGE 579 ASSESSOR'S MAP 54, LOT 31

1071 SOUTH MAIN ST N/F BRUCE & SANDRA A. KARLSON DEED BOOK 5397, PAGE 237 ASSESSOR'S MAP 55, LOT 53

145 BLACKSTONE ST N/F CHRYSTINE K. SANTANA DEED BOOK 33475, PAGE 121 ASSESSOR'S MAP 60, LOT 1

141 BLACKSTONE ST N/F STACEY L. HURD

1950 COUNTY LAYOUT

1950 COLO

1964 TOWN LAYOUT

TOWN LAYOUT

PROP 6'x12' WIRE LOOP DETECTOR
ADJ RET
MA-D3-1
MA-D3-2
R&D PB
PROP PB SD2.030
PROP 8' PED POST +65, 48.0' LT
STA 3+28.00 LIMIT OF WORK MEET EXISTING N 2852479.6889 E 662513.7455
RET MAST ARM
PROP VEH SIGNAL (K)
PROP PED SIGNAL (P7)
W/ APS PUSHBUTTON
PROP PERM EASEMENT
PROP 8' PED POST +55, 31.8' LT
REM EXIST TSC
R&D EXIST PB
PROP 6'x4' WIRE LOOP DETECTOR
R&D EXIST PB & TSC
PROP 12'x12' WIRE LOOP DETECTOR
D10-20a
RET
M3-3
MA-M1-5a (126)
RET MAST ARM
PROP VEH SIGNAL (L)
PROP PED SIGNAL (P1)
W/ APS PUSHBUTTON
R&D EXIST PED SIGNAL
W11-2
W16-9P
MA-R10-12a
PT +47.11
RET EXIST CONFIRMATION BEACON
REPLACE SIGNAL HEAD B
SOUTH MAIN STREET CONSTRUCTION B
PC +48.85
REPLACE SIGNAL HEAD J
P-2
RET
R&D SIGNAL POST
ADJ
R10-11a
PROP 6'x6' WIRE LOOP DETECTOR (TYP)
PROP 6'x4' WIRE LOOP DETECTOR
PROP 8' PED POST +58, 38.5' RT
PROP 3" TSC (TYP)
PROP PERM EASEMENT
RET CONTROL CABINET
RET MAST ARM
PROP PED SIGNAL (P3)
W/ APS PUSHBUTTON
R&D EXIST PED SIGNAL
P3
RET EXIST CONFIRMATION BEACON
STA 5+32.00 LIMIT OF WORK MEET EXISTING N 2852486.3962 E 662717.2092
RET EXIST CONFIRMATION BEACON
M3-1
MA-M1-5a (126)
S5-2
W11-3
PC +56.24
PROP 8' PED POST +74, 31.3' RT
RET MAST ARM
R&D EXIST PED SIGNAL
PROP 12'x12' WIRE LOOP DETECTOR
PB SD2.031 (TYP)
REM EXIST TSC
PROP 8' PED POST +08, 36.0' LT
PROP 6'x12' WIRE LOOP DETECTOR
R3-7L
D11-20
PC +08.32
P1 P2 P3 P4 P5 P6 P7 P8
MB
SPEED LIMIT CHANGE WHEN FLASHING
LANE DESIGNATION SIGN
LEFT LANE MUST TURN
RIGHT LANE MUST TURN
NO TURN ON RED
SPEED LIMIT 20 SCHOOL ZONE
BELLINGHAM PUBLIC SCHOOLS
EXISTING BUILDING #1060
EXISTING BUILDING #1072
EXISTING BUILDING #145
EXISTING GARAGE
CONCRETE PAD
6' STOCKADE
4' WOOD FENCE
STONE RET. WALL
HEDGE
PAVED DRIVE
GRAVEL DRIVE
BRICK WALK
PAVED SIDEWALK
BIT. CURB
TELEPHONE MARKER

NOTES:

1. ALL PROPOSED VEHICLE INDICATIONS MOUNTED ON MAST ARMS SHALL BE FIXED MOUNTED AND EQUIPPED WITH 5" NON-LOUVERED BACKPLATES WITH 3" YELLOW RETROREFLECTIVE TAPE.
2. 3" REFLECTORIZED BORDER SHALL BE PLACED ON THE EXISTING SIGNAL HEAD BACKPLATES.
3. PEDESTRIAN SIGNALS SHALL BE ACCESSIBLE PEDESTRIAN SIGNALS AS DEFINED IN THE MUTCD AND SHALL BE INSTALLED IN ACCORDANCE WITH MASSDOT ADOPTED APS INSTALLATION POLICY.
4. ALL SIGNAL CONDUITS CROSSING ROADWAY SHALL BE ENCASED IN CONCRETE.
5. ALL METALLIC PULL BOXES SHALL BE BONDED.
6. ALL EXISTING TRAFFIC SIGNAL EQUIPMENT CONDUIT AND PULL BOXES SHALL BE RETAINED UNLESS OTHERWISE NOTED.

0 20 50 100

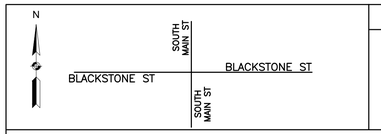
SCALE: 1" = 20'

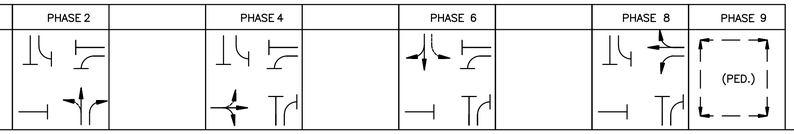
BELLINGHAM
SOUTH MAIN STREET (ROUTE 126)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	53	160
PROJECT FILE NO.	608887		

TRAFFIC SIGNAL DATA PLAN

608887_TR(SIGNAL DATA).DWG Plotted on 29-Oct-2020 10:51 PM



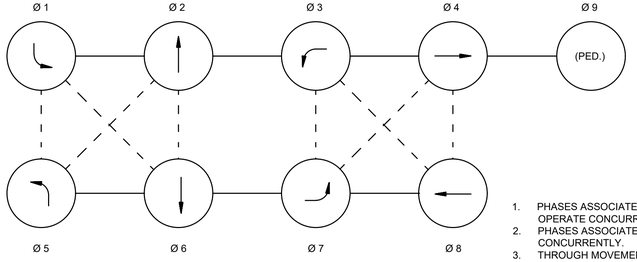


SEQUENCE AND TIMING FOR FULL ACTUATED CONTROL (ISOLATED)

STREET	DIRECTION	HOUSINGS	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	FLASH OPER.
SOUTH MAIN STREET	NB	C,D				G	Y	R				R	R	R				R	R	R				R	R	R	R	R	R	FY
SOUTH MAIN STREET	NB	E				G	Y	R				R	R	R				R	R	R				R	R	R	R	R	R	FY
SOUTH MAIN STREET	SB	A,L				R	R	R				R	R	R				G	Y	R				R	R	R	R	R	R	FY
SOUTH MAIN STREET	SB	B				RL	RL	RL				RL	RL	RL				FYL	YL	RL				RL	RL	RL	RL	RL	RL	FYL
BLACKSTONE STREET	WB	G,K				R	R	R				R	R	R				R	R	R				G/GL	Y/YL	R	R	R	R	FR
BLACKSTONE STREET	WB	F				R	R	R				R	R	R				R	R	R				FYL	YL	R	R	R	R	FR
BLACKSTONE STREET	EB	H,J				R	R	R				G	Y	R				R	R	R				R	R	R	R	R	R	FR
PEDESTRIAN	ALL					DW	DW	DW				DW	DW	DW				DW	DW	DW				DW	DW	DW	W	FDW	DW	OUT
TIMING IN SECONDS																														
MINIMUM GREEN (INITIAL)						10						8						10						8						EMERGENCY ONLY
PASSAGE TIME (VEHICLE)						3						3						3						3						
MAXIMUM 1 (2–7 PM)						44						9						44						31						
MAXIMUM 2 (OTHER)						30						9						30						20						
YELLOW CLEARANCE							4						3						4						3					
RED CLEARANCE								1						1.5						1						1.5				
WALK (W)																											7			
PEDESTRIAN CLEARANCE																												13	3	
RECALL			OFF			MIN			OFF			OFF			OFF			MIN			OFF			OFF			OFF			
MEMORY			NON–LOCK			NON–LOCK			NON–LOCK			NON–LOCK			NON–LOCK			NON–LOCK			NON–LOCK			NON–LOCK			LOCK			

	MAJOR ITEMS REQUIRED	
PAY ITEM	QUANTITY	ITEM
816.01	5	8' SIGNAL POLE BASE & FDN
	4	1–WAY 3 SECTION SIGNAL HOUSING (12" LED)
	8	PEDESTRIAN SIGNAL HEADS 16" LED W/ COUNTDOWN DISPLAY
	8	APS PEDESTRIAN PUSH BUTTONS, W/ R10–3F SIGNS
	2	VEHICLE WIRE LOOP DETECTORS 12'X12'
	2	VEHICLE WIRE LOOP DETECTORS 12'X6'
	22	VEHICLE WIRE LOOP DETECTORS 6'X6'
	2	BICYCLE LOOP DETECTORS 6'X4'
811.30	1	PULL BOX 8"x23"
811.31	3	PULL BOX 12"x12"
		Plus all necessary duct, cable, labor, miscellaneous
		material and equipment to complete the installation.

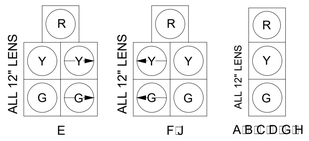
NEMA DUAL RING PHASING NOTES:



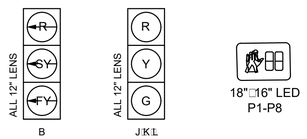
1. PHASES ASSOCIATED BY A SOLID LINE SHALL NOT OPERATE CONCURRENTLY.
2. PHASES ASSOCIATED BY A DASHED LINE MAY OPERATE CONCURRENTLY.
3. THROUGH MOVEMENTS MAY INCLUDE RIGHT TURNS.
4. IF THE ASSIGNED RIGHT OF WAY FOR ANY TRAFFIC MOVEMENT IS TO REMAIN IN EFFECT DURING THE NEXT CALLED PHASE□THE SIGNAL INDICATIONS FOR THAT TRAFFIC MOVEMENT SHALL NOT CHANGE□DURING THE CHANGE INTERVAL(S) UNLESS OTHERWISE NOTED.

SIGNAL IDENTIFICATION

EXISTING



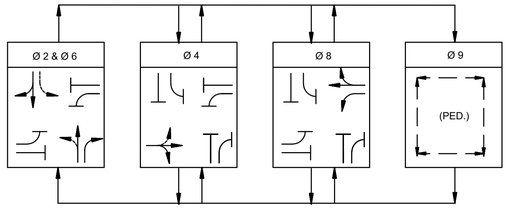
PROPOSED



NOTES:

1. ALL SIGNALS SHALL HAVE CUT AWAY VISORS.
2. SIGNALS SHALL HAVE 12" LED WITH 5" NON-LOUVERED BACK PLATES AND 3" REFLECTORI□ED BORDER.
3. ALL PEDESTRIAN DISPLAYS SHALL BE FULL DISPLAYS AND NO OUTLINE SYMBOLS SHALL BE PERMITTED.
4. ALL EXISTING SIGNAL HEADS WITH BACK PLATES SHALL BE RETROFITTED WITH 3" REFLECTORI□ED BORDER.

PREFERENTIAL PHASING SE□UENCE



FIRE PREEMPTION SCHEDULE

APPROACH	PREEMPTION PHASE	NEXT PHASE CALLED
EASTBOUND	4	4+8
WESTBOUND	8	4+8
NORTHBOUND	2	2+6
SOUTHBOUND	6	2+6

EMERGENCY VEHICLE PREEMPTION OPERATION:

1. EMERGENCY VEHICLE PREEMPTION SHALL BE ACTUATED BY AN OPTICAL SIGNAL FROM AN OPTICAL EMITTER MOUNTED ON AN EMERGENCY VEHICLE AND RECEIVED BY AN OPTICAL DETECTOR LOCATED AT INTERSECTION. A SEPARATE RECEIVING DETECTOR IS RE□UIRED FOR EACH DETECTED APPROACH.
2. PREEMPTION SIGNALS FROM MULTIPLE APPROACHES SHALL BE SERVICED ON A FIRST DETECTED FIRST SERVED BASIS.
3. IN RESPONSE TO A PREEMPTION SIGNAL RECEIVED AT AN INTERSECTION BY AN OPTICAL DETECTOR,□THE CONTROLLER SHALL TIME THE CLEARANCE INTERVALS OF THE ACTIVE PHASE (IF DIFFERENT THAT TO BE SERVICED) AND ADVANCE TO AND□OR HOLD IN EMERGENCY VEHICLE PREEMPTION PHASE UNTIL PREEMPTION SIGNAL CEASES. THE CONTROLLER SHALL THEN TIME CLEARANCES AND SIMILARLY SERVICE OTHER EMERGENCY VEHICLE PREEMPTION SE□UENCES IN THE ORDER RECEIVED (IF RECEIVED) OTHERWISE□RESUME NORMAL PREFERENTIAL PHASE SE□UENCE.
4. PREEMPTION MINIMUM GREENS SHALL BE TEN SECONDS.
5. NORMAL CLEARANCES SHALL BE PROVIDED ON PHASES THAT ARE TERMINATED BY PREEMPTION DEMAND.
6. ACTUAL TIMMING FOR PREEMPTION SHALL BE DETERMINED IN THE FIELD IN COORDINATION WITH THE FIRE DEPARTMENT AND SHALL BE APPROVED BY MASSDOT PRIOR TO OPERATION.

LOOP DETECTOR DATA

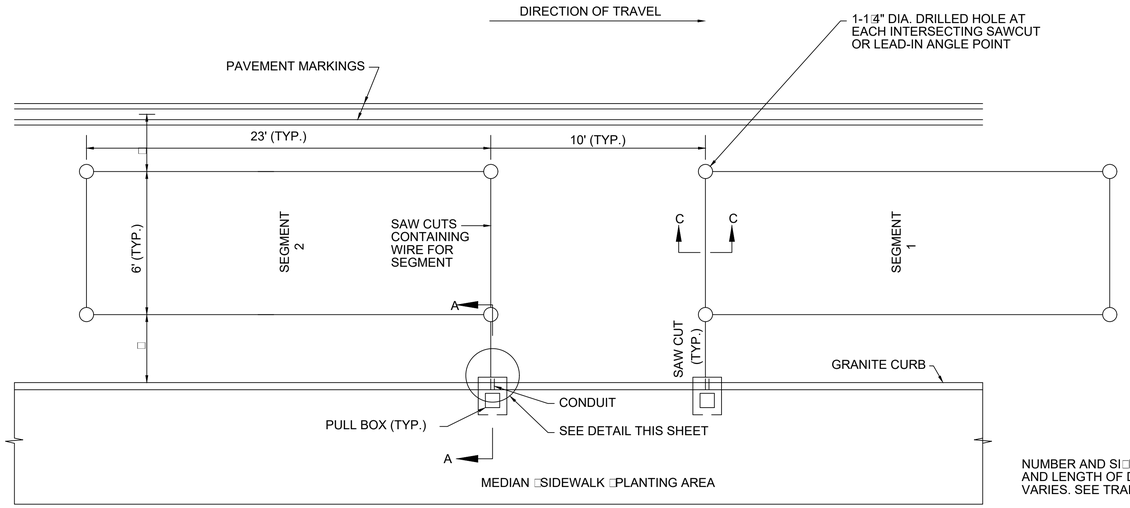
SEE PLAN SHEET-LOOP DETECTOR DETAILS FOR LOOP CONSTRUCTION. SPLICING, DETAILS & NOTES. DELAY TIME EFFECTIVE ONLY DURING CALLED Ø RED. TIME IN SEC.

DETECTOR NUMBER	AMPLIFIER NUMBER	CHANNEL NUMBER	LOOP SI□E	NUM. OF TURNS	Ø CALLED	Ø EXT.	MODE A=PULSE B=PRES.	DELAY TIME	EXT. TIME
1	1	1	4 □ 6'X6'	1	2	2	B	-	-
1A	1	2	1 □ 6'X4'	1-2-1	2	2	B	-	-
2	2	1	3 □ 6'X6'	1	2	2	B	-	-
2A	2	2	1 □ 6'X6'	4	2	2	B	-	-
3	3	1	4 □ 6'X6'	1	6	6	B	-	-
3A	3	2	1 □ 6'X4'	1-2-1	6	6	B	-	-
4	4	1	3 □ 6'X6'	1	6	6	B	-	-
4B	4	2	1 □ 6'X6'	4	6	6	B	-	-
5	5	1	1 □ 6'X6'	1	8	8	B	-	-
5A	5	2	1 □ 6'X12'	4	8	8	B	-	-
6	6	1	1 □ 6'X6'	1	8	3□8	B	-	-
6A	6	2	1 □ 6'X6'	4	8	3□8	B	-	-
7	7	1	3 □ 6'X6'	1	4	4	B	-	-
7A	7	2	1 @ 12'X12'	4	4	4	B	-	-
7B	8	1	1 □ 6'X12'	4	4	4	B	-	-

BELLINGHAM
SOUTH MAIN STREET (ROUTE 126)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	54	160
PROJECT FILE NO.	608887		

LOOP DETECTOR DETAILS

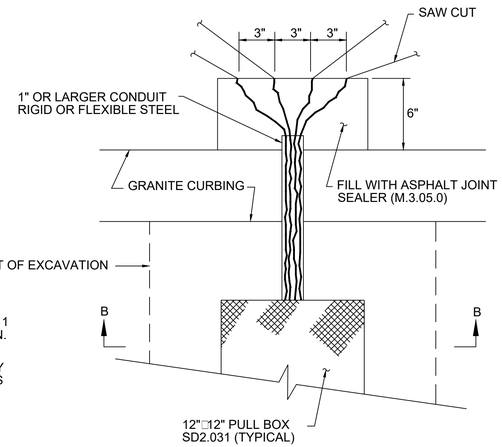


OFFSETS FROM CURB TO LOOP AND EDGE OF LANE TO LOOP EQUAL IF NOT SHOWN

PLAN OF SEGMENTED DETECTOR DETAIL
NOT TO SCALE

NUMBER AND SIZE OF SECTIONS AND LENGTH OF DETECTION AREA 1 VARIES. SEE TRAFFIC SIGNAL PLAN.

TYPICAL SHOWN. DIMENSIONS MAY VARY. SEE PLANS FOR VARIATIONS



DETAIL-PLAN VIEW
NOT TO SCALE

DETECTOR NOTES:

1. IN BASE OR HANDHOLE SPLICE ALL SEGMENTS TO TYPE II-SHIELDED LOOP DETECTOR LEAD-IN CABLE. SEGMENTS SHALL BE SPLICED IN PARALLEL IN SERIES OR IN A COMBINATION OF PARALLEL & SERIES AS SHOWN ON TRAFFIC SIGNAL PLAN 1. FOR ALL 6'6' WIRE LOOP DECTORS USE 3 TURNS IN THE SAWCUT AND FOR LARGER LOOPS USE TWO TURNS. REFER TO TRAFFIC SIGNAL PLAN 1 FOR WIRE LOOP LAYOUT.

2. SEE STANDARDS SPECS. (MDPW 88) FOR REQUIREMENTS OF DETECTOR AMPLIFIER.

3. LEAD-IN WIRES SHALL BE TWISTED FROM SEGMENT TO SPLICE WITH SHIELDED CABLE. FIVE TURNS PER FOOT. LEAD-IN SHALL BE TYPE II (M8. 16. II).

4. BEFORE STARTING ANY SPLICING THE ELECTRICAL CONTRACTOR SHALL FURNISH DATA SHEETS ON THE MATERIALS AND/OR METHODS TO BE USED IN ACCORDANCE WITH THE MDPW STANDARD OPERATING PROCEDURES FOR APPROVAL OF SHOP DRAWINGS. SEE SECTION 815.64

5. THE METALLIC SHIELD WHICH SHALL ENCASE THE DETECTOR LEADS FROM A SPLICE (TYPICALLY LOCATED IN A PULL BOX NEAR THE ROADWAY COMPONENT OF THE DETECTOR) TO THE CONTROLLER AND THE DRAIN WIRE UNDER THE METALLIC SHIELD SHALL BE FIRMLY BONDED TO THE EARTH GROUNDING BUS IN THE CONTROLLER. HOWEVER THE SHIELD AND DRAIN WIRE SHALL BE CAREFULLY INSULATED FROM THE TRANSFORMER NEUTRAL OR FROM EARTH GROUND AT ALL OTHER POINTS ALONG ITS LENGTH. SPECIFICALLY THIS INCLUDES CAREFUL INSULATION OF THE EXPOSED PORTION OF THE SHIELD AND THE DRAIN WIRE AT THE END AWAY FROM THE CONTROLLER WHERE IT IS SPLICED TO WIRES LEADING TO THE ROADWAY COMPONENT OF THE DETECTOR. THIS IS IMPORTANT TO AVOID A GROUND RETURN LOOP.

6. FILL ALL CONDUIT OPENINGS WITH DUCT SEAL.

7. AFTER SAW CUTS ARE COMPLETE BLOW OUT WITH OIL AND WATER & FREE COMPRESSED AIR UNTIL CUTS ARE CLEAN AND DRY. INSERT WIRE INTO CLEAN SLOT WITH A BLUNT SMOOTH ROUND EDGED TOOL OF WOOD OR PLASTIC SUCH AS A PAINT STIRRER DO NOT USE A SCREWDRIVER. THEN INSERT FOAM PLASTIC HOLD DOWN STRIPS SIMILAR TO ETHA FOAM SB STRIPS SHALL BE ABOUT 2" LONG PLACED IN THE SLOT ABOUT EVERY 2 FEET. THEN POUR SEALER TAKING CARE TO ELIMINATE BUBBLES.

8. THE COMBINED ROADWAY LOOP TWISTED LEAD-IN WIRES SPLICE AND SHIELDED LEAD-IN CABLE SHOULD HAVE A RESISTANCE TO GROUND OF AT LEAST 50 TO 100 MEGOHMS. THE LOWEST ACCEPTABLE VALUE SHALL BE 10 MEGOHMS UNDER WORST CASE CONDITIONS. SEE STANDARD SPECS. (MDPW 88) FOR ADDITIONAL REQUIREMENTS.

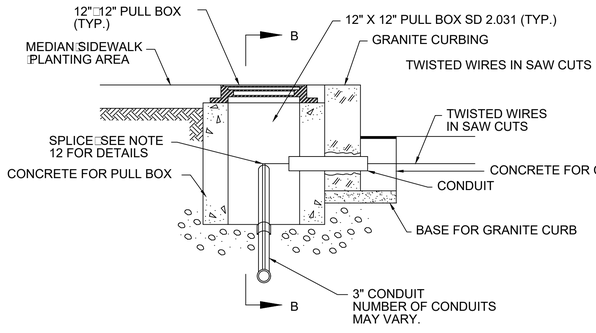
9. FOR INSTALLATION OF SINGLE (ONE SEGMENT) SMALL WIRE LOOP DETECTOR. DETAIL IS THE SAME.

10. CUT LOOPS INTO EXISTING PAVEMENT AND FILL WITH APPROVED FLEXIBLE SEALER.

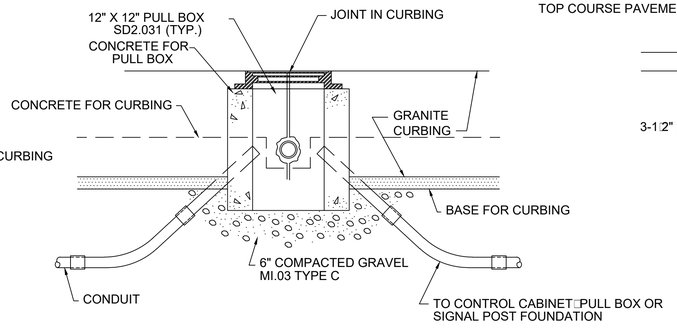
11. DETECTOR WIRE SHALL BE A DIFFERENT COLOR FOR EACH LOOP.

12. SPLICING PATTERN P= SERIES/PARALLEL: SPLICE SEGMENTS 1 AND 3 OF AN INDIVIDUAL DETECTOR IN SERIES. SPLICE SEGMENTS 2 AND 4 IN SERIES. SPLICE THE RESULTANT TWO GROUPS IN PARALLEL. SPLICE THE RESULTANT COMBINATION TO ONE LEAD-IN CABLE. CONNECT THIS CABLE TO AN OTHERWISE UNUSED AMPLIFIER CHANNEL.

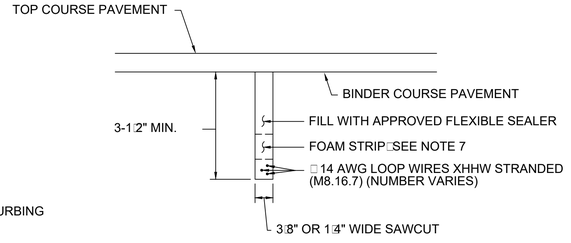
SPLICING PATTERN S=SERIES: SPLICE ALL SEGMENTS (TYPICALLY FOUR BUT MAY BE LESS) OF AN INDIVIDUAL DETECTOR IN SERIES. SPLICE THE RESULTANT COMBINATION TO ONE LEAD-IN CABLE TO AN OTHERWISE UNUSED AMPLIFIER CHANNEL.



SECTION A-A
NOT TO SCALE



SECTION B-B
NOT TO SCALE



SECTION C-C
LOOPS IN SURFACE COURSE
NOT TO SCALE

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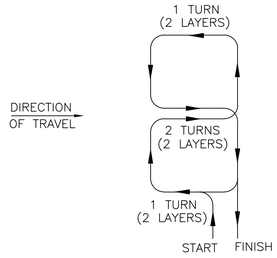
BELLINGHAM
SOUTH MAIN STREET (ROUTE 126)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	55	160
PROJECT FILE NO.	608887		

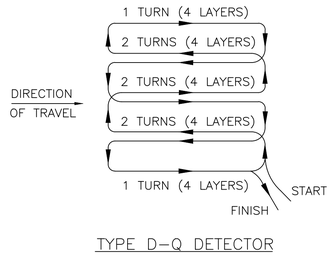
TRAFFIC SIGNAL DETAILS
BICYCLE LOOP DETECTOR

608887_TRILOOP_DETAILS).DWG Plotted on 29-Oct-2020 10:52 PM

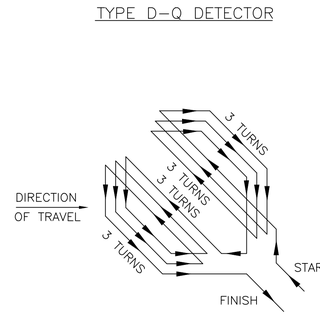
WINDING DETAILS



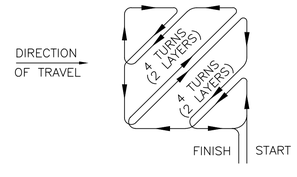
TYPE Q DETECTOR



TYPE D–Q DETECTOR

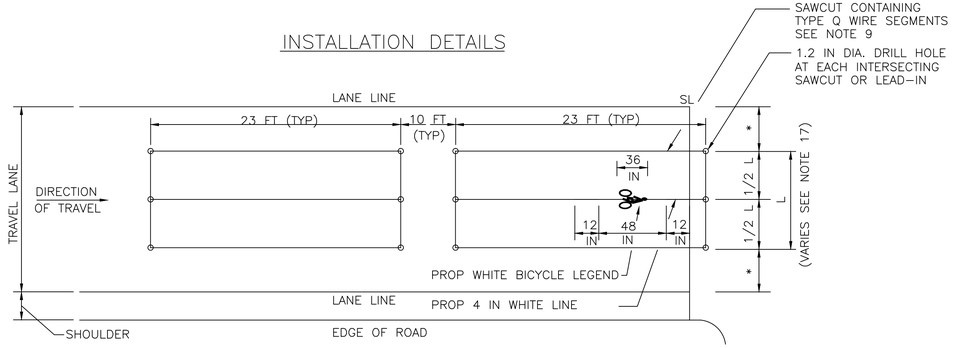


TYPE D–1 DETECTOR

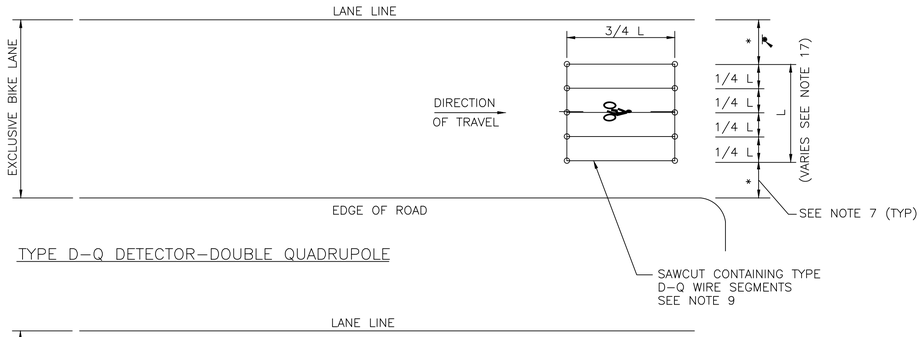


TYPE D–2 DETECTOR

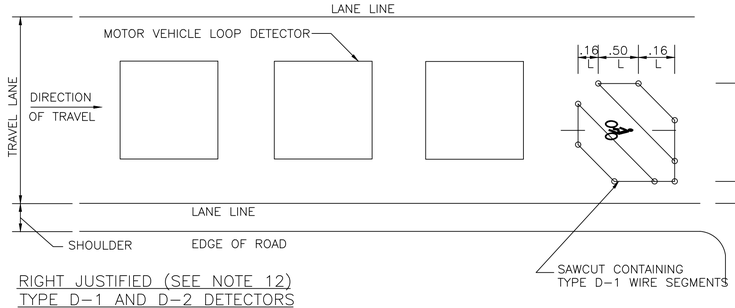
INSTALLATION DETAILS



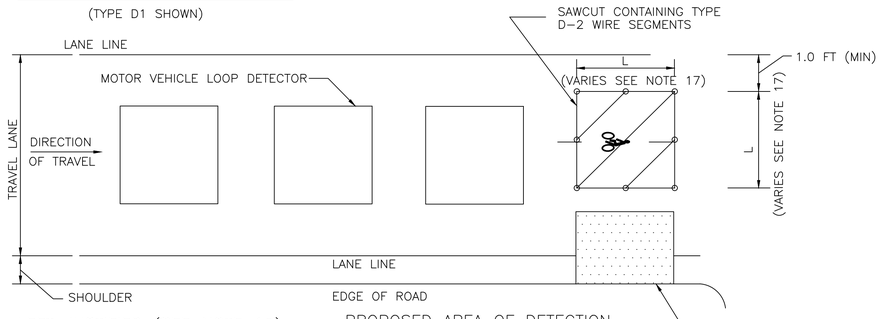
TYPE Q DETECTOR–STANDARD QUADRUPOLE
WITH STANDARD PAVEMENT MARKINGS AND SIGNING



TYPE D–Q DETECTOR–DOUBLE QUADRUPOLE

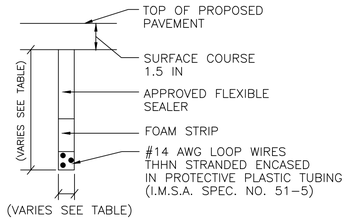


RIGHT JUSTIFIED (SEE NOTE 12)
TYPE D–1 AND D–2 DETECTORS
(TYPE D1 SHOWN)



LEFT JUSTIFIED (SEE NOTE 13)
TYPE D–1 AND D–2 DETECTORS
(TYPE D2 SHOWN)

PROPOSED AREA OF DETECTION
A LARGER AREA OF DETECTION MAY BE REQUIRED BASED ON FIELD CONDITIONS AND SHALL BE DETERMINED BY THE DESIGNER.



SECTION THRU LOOP DETECTOR

SAWCUT SLOT DEPTH GUIDE		
TURNS OF WIRE	SLOT SIZE	
	DEPTH (IN)	WIDTH (IN)
1	1.5	0.5
2	1.5	0.5
3	1.5	0.5
4	2.0	0.5
5	2.0	0.5
6	2.0	0.5
7	2.0	0.5
8	2.0	0.5

BICYCLE LOOP DETECTOR DETAILS

NOTES:

1. REFER TO VEHICLE LOOP DETECTOR DETAIL SHEET FOR ADDITIONAL NOTES AND CONSTRUCTION DETAILS.
2. ALL DETAILS ARE GRAPHICAL WITH NO SCALE.
3. THE NUMBER, SIZE, LOCATION AND LENGTH OF DETECTION AREA VARIES AND SHALL BE DETERMINED BY THE DESIGNER REFER TO TRAFFIC SIGNAL PLAN.
4. BICYCLE LOOPS SHALL BE CONNECTED TO SEPARATE LOOP DETECTOR AMPLIFIERS CAPABLE OF HIGHER LEVELS OF SENSITIVITY.
5. BICYCLE LOOPS SHALL BE INSTALLED IN THE BASE COURSE OF EXISTING PAVEMENT. THE EXISTING PAVEMENT SHALL BE COLD PLANED TO THE BASE COURSE AND SAWCUT FOR LOOP INSTALLATION.
6. SIGNS AND PAVEMENT MARKINGS SHALL BE INSTALLED FOR ALL BICYCLE DETECTORS TO INFORM CYCLISTS OF THE DETECTION AREA.
7. * OFFSETS FROM LANE LINE EQUAL UNLESS OTHERWISE NOTED. SEE PLANS.
8. TYPE Q DETECTORS SHALL BE WIRED IN A FIGURE EIGHT PATTERN WITH A DOUBLE LAYER DESIGN ("2–4–2") WITH 2 TURNS IN THE PERIMETER SLOTS AND 4 TURNS IN THE CENTER SLOT AS SHOWN IN THE WINDING DETAIL.
9. BICYCLES WILL BE DETECTED WITHIN 4 IN. OF THE INTERIOR LONGITUDINAL LOOP WIRES FOR TYPE Q AND D–Q DETECTORS.
10. PROVIDE 3 TURNS FOR TYPE D–1 DETECTORS.
11. INSTALL 2 LAYERS OF WIRE WOUND IN THE SAME DIRECTION IN BOTH LAYERS FOR TYPE D–2 DETECTORS. THE RESULT IS 4 TURNS IN EACH DIAGONAL.
12. RIGHT JUSTIFIED LOOP DETECTORS SHALL BE CONSIDERED FOR THE FOLLOWING CONDITIONS:
    a) BICYCLE STOPPING ON THE RIGHT SIDE OF A THRU TRAVEL LANE.
    b) BICYCLE STOPPING ON THE RIGHT SIDE OF AN EXCLUSIVE LEFT TURN LANE.
13. LEFT JUSTIFIED LOOP DETECTORS SHALL BE CONSIDERED FOR THE FOLLOWING CONDITIONS:
    a) BICYCLE STOPPING ON THE LEFT SIDE OF A SHARED LEFT/THRU LANE.
    b) BICYCLE STOPPING JUST TO THE RIGHT OF THE CENTERLINE WHEN TURNING LEFT ON A TWO–LANE ROADWAY.
14. RECTANGULAR LOOP DETECTORS SHALL BE CONSIDERED FOR BICYCLES STOPPING ON EITHER THE LEFT OR RIGHT SIDE OF A TWO–LANE ROADWAY. THE MINIMUM OFFSET FROM LANE LINE OR CURB LINE SHALL BE 1.0 FT.
15. PAVEMENT CORES OR TEST PITS MAY BE REQUIRED TO DETERMINE THE DEPTH OF EXISTING PAVEMENT AND CONFIRM THAT THE DETECTION OPTION CHOSEN AND CORRESPONDING WINDING PATTERN CAN BE ACCOMMODATED.
16. THESE DETAILS APPLY TO BICYCLE LOOPS INSTALLED IN ROADWAYS. PUSH BUTTON ACTUATION SHALL BE CONSIDERED FOR RECREATIONAL BIKE PATHS.
17. THE MINIMUM DIMENSION FOR L SHALL BE 6 FT MIN. FOR DETECTORS TYPE D–Q, D–1 & D–2. FINAL DIMENSIONS SHALL BE DETERMINED BY THE DESIGN ENGINEER.

BELLINGHAM
ROUTE 126 (SOUTH MAIN STREET)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	56	160
PROJECT FILE NO.	608887		

TEMPORARY TRAFFIC CONTROL PLANS - 1

608887_TR(TTCP).DWG Plotted on 29-Oct-2020 10:53 PM

GENERAL NOTES

1. ALL CONSTRUCTION SIGNING□DRUMS□BARRICADES AND OTHER DEVICES SHALL CONFORM WITH PART 6 OF THE LATEST EDITION MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD)
2. ALL CHANNELI□ING DEVICES SHALL BE SET □ 25' O.C. MAX. UNLESS OTHERWISE NOTED OR ADJUSTED BY THE ENGINEER
3. ALL DRUMS SHALL BE APPROPRIATELY PLACED AND MOVED AS NECESSARY TO MAINTAIN ADE□UATE ABUTTER ACCESS AT ALL TIMES. WORK MAY RE□UIRE ADDITIONAL SIGNS□DRUMS□AND OTHER TRAFFIC CONTROL DEVICES□GRADING AND TEMPORARY PAVEMENT FOR PASSAGE OF PEDESTRIAN□VEHICULAR AND EMERGENCY TRAFFIC THROUGH THE WORK AREAS□BOTH DURING AND AFTER WORK HOURS□TO MAINTAIN SUCH ACCESS.
4. THE CONTRACTOR SHALL NOTIFY EACH ABUTTER AT LEAST 24 HOURS IN ADVANCE OF THE START OF ANY WORK THAT WILL RE□UIRE THE TEMPORARY CLOSURE OF ACCESS□SUCH AS EXISTING PAVEMENT EXCAVATION□TEMPORARY DRIVEWAY PAVEMENT PLACEMENT AND SIMILAR OPERATIONS.
5. THE CONTRACTOR SHALL NOTIFY MASSDOT AND THE TOWN OF BELLINGHAM POLICE□FIRE□AND DEPARTMENT OF PUBLIC WORKS AT LEAST 48 HOURS IN ADVANCE OF LANE CLOSURES.
6. THERE SHALL BE ONE LANE OPEN IN BOTH DIRECTION DURING THE PEAK HOURS THE TWO-WAY STREET LANE CLOSURE AND INTERSECTION MOVEABLE WORK AREA OPERATIONAL SET UP SHALL ONLY BE USED BETWEEN 9 AM & 3 PM.
7. GRADE SEPARATIONS IN EXCESS OF 2 INCHES DURING NON-WORKING HOURS WILL RE□UIRE DELINEATION BY USE OF DRUMS.
8. EXCAVATION EDGES IN EXCESS OF 4 INCHES DEEP SHALL BE PROTECTED DURING NON-WORKING HOURS BY BACKFILLING WITH A WEDGE OF GRAVEL OR SOIL COMPACTED TO A 4:1 SLOPE.
9. 11' MINIMUM LANE WIDTHS SHALL BE MAINTAINED DURING CONSTRUCTION.
10. NON ESSENTIAL TEMPORARY CONSTRUCTION TRAFFIC CONTROL DEVICES SHALL BE COVERED OR REMOVED DURING NON-WORKING HOURS.
11. THE GENERAL SE□UENCE OF WORK IS DEPENDENT UPON THE REMOVAL AND RELOCATION OF THE EXISTING UTILITY POLES AND WIRES THAT ARE FOUND TO BE IN CONFLICT WITH THE PROPOSED WORK□BY THE UTILITY COMPANIES. THE CONTRACTOR SHALL SCHEDULE THE WORK IN EACH AREA TO COORDINATE WITH THE POLE RELOCATION WORK.
12. ADVISORY SPEED PLATES (W13-1) SHALL BE USED IF APPROPRIATE AND AS RE□UIRED BY THE ENGINEER.
13. SUPPORTS FOR ALL ADVANCED WARNING SIGNS SHALL BE 4"□4" PRESSURE TREATED WOOD POSTS.

TEMPORARY TRAFFIC SIGN SUMMARY

IDENTIFI–CATION NUMBER	SIZE OF SIGN WIDTH	SIZE OF SIGN HEIGHT	TEXT	TEXT DIMENSIONS (INCHES) LETTER HEIGHT	TEXT DIMENSIONS (INCHES) VERTICAL SPACING	TEXT DIMENSIONS (INCHES) ARROW RTE. MKR.	NUMBER OF SIGNS REQUIRED	COLOR BACK–GROUND	COLOR LEGEND	COLOR BORDER	NUMBER OF POSTS REQUIRED	UNIT AREA (S.F.)	AREA IN SQUARE FEET
MA-W20-7□	36"	36"	POLICE OFFICER AHEAD	SEE MASSDOT STANDARD SIGN BOOK			2	FLUORE-SCENT ORANGE	BLACK	BLACK	2	9.00	18.00
MA-W30-8R	36"	36"	SQUEEZE RIGHT	SEE MASSDOT STANDARD SIGN BOOK			2	FLUORE-SCENT ORANGE	BLACK	BLACK	2	9.00	18.00
MA-R2-10□	48"	36"	WORK □ONES SPEEDING FINES DOUBLED	SEE MASSDOT STANDARD SIGN BOOK			11	FLUORE-SCENT ORANGE□ WHITE	BLACK	BLACK	11	12.00	132.00
MA-R2-10e	36"	48"	END ROAD WORK / DOUBLE FINES END	SEE MASSDOT STANDARD SIGN BOOK			11	FLUORE-SCENT ORANGE□ WHITE	BLACK	BLACK	11	12.00	132.00
W5-1	36"	36"	ROAD NARROWS	①	①	①	2	FLUORE-SCENT ORANGE	BLACK	BLACK	2	9.00	18.00
W1-4R	36"	36"					1	FLUORE-SCENT ORANGE	BLACK	BLACK	1	9.00	9.00
W1-4L	36"	36"					1	FLUORE-SCENT ORANGE	BLACK	BLACK	1	9.00	9.00
W8-1	36"	36"	BUMP				2	FLUORE-SCENT ORANGE	BLACK	BLACK	2	9.00	18.00
W13-1	24"	24"	XX M.P.H.				2	FLUORE-SCENT ORANGE	BLACK	BLACK	MOUNT W□W1-4R□L	4.00	8.00
W20-1	36"	36"	ROAD WORK AHEAD				11	FLUORE-SCENT ORANGE	BLACK	BLACK	11	9.00	99.00
W20-4	36"	36"	ONE LANE ROAD AHEAD				4	FLUORE-SCENT ORANGE	BLACK	BLACK	4	9.00	36.00
W20-7	36"	36"					2	FLUORE-SCENT ORANGE	BLACK	BLACK	2	9.00	18.00
W21-5□	36"	36"	RIGHT SHOULDER CLOSED AHEAD				1	FLUORE-SCENT ORANGE	BLACK	BLACK	1	9.00	9.00
R3-17	24"	18"	BIKE LANE				1	WHITE	BLACK	BLACK	1	3.00	3.00
R3-17□□	24"	8"	ENDS				1	WHITE	BLACK	BLACK	MOUNT W□R3-17	1.33	1.33
R4-7	24"	30"					2	WHITE	BLACK	BLACK	2	5.00	10.00
R4-11	30"	30"	MAY USE FULL LANE				1	WHITE	BLACK	BLACK	1	6.25	6.25
R9-9	30"	18"	SIDEWALK CLOSED				2	WHITE	BLACK	BLACK	2	3.75	7.50
R11-2e	48"	30"	BIKE LANE CLOSED				1	WHITE	BLACK	BLACK	1	10.00	10.00

① SEE MUTCD 2009 EDITION□1979 STD. HWY. SIGNS AND SECTION M9.30.0 TYPE III OF THE MHD STANDARD SPECIFICATION□AND MASS. HIGHWAY DEPARTMENT STANDARD DRAWINGS FOR SIGNS AND SUPPORTS□1990.

BELLINGHAM
ROUTE 126 (SOUTH MAIN STREET)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	57	160
PROJECT FILE NO.	608887		

TEMPORARY TRAFFIC CONTROL PLANS - 2

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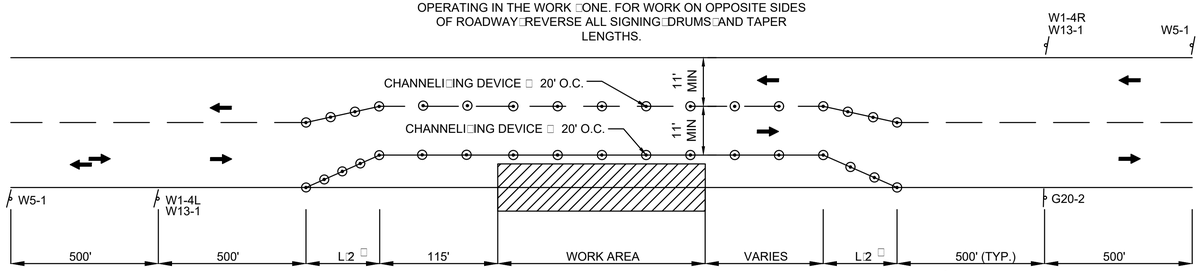
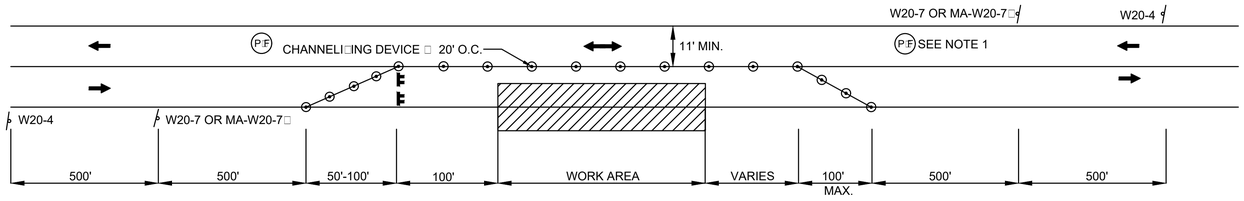
OPERATIONAL SIGNING

TEMPORARY LANE CLOSURES SHOWN ARE FOR ROADWAY CONSTRUCTION. ALL DRUMS AND SIGNS ARE SHOWN AS THEY SHOULD APPEAR DURING THE WORKING DAY□OR WHILE OPERATING IN THE WORK □ONE. FOR WORK ON OPPOSITE SIDES OF ROADWAY□REVERSE ALL SIGNING□DRUMS□AND TAPER LENGTHS.



TWO LANE ROAD – LANE SHIFT
N.T.S.

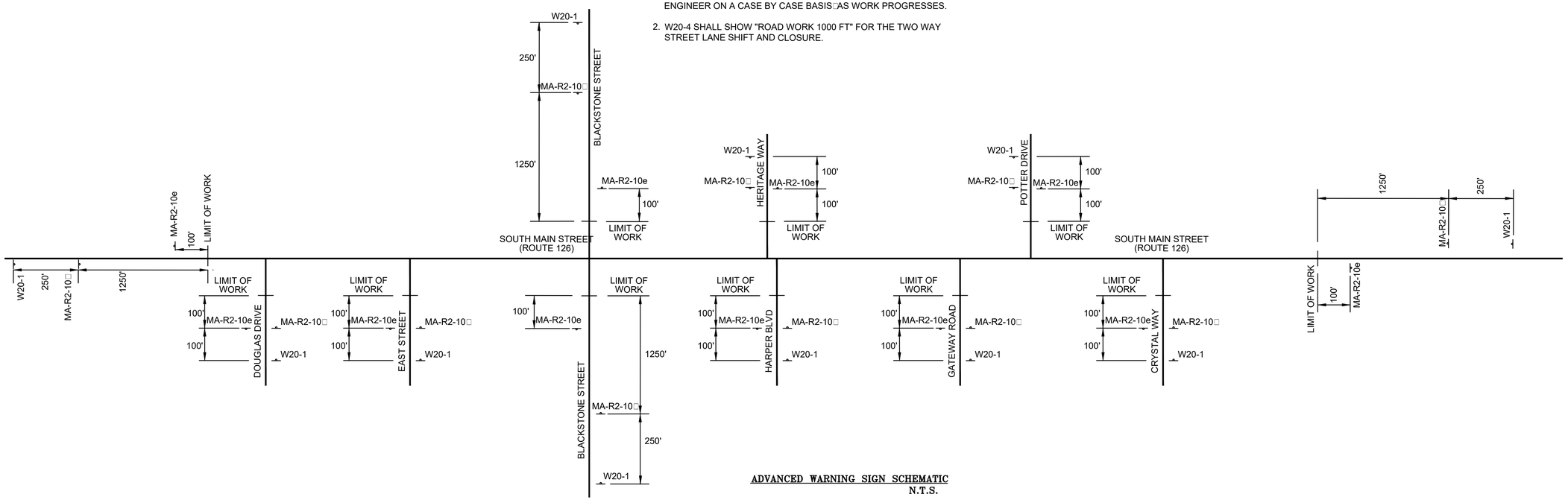
□ $L=\frac{WS^2}{60}$ L=TAPER LENGTH
W=WIDTH OF ROADWAY TO BE SHIFTED OR REDIRECTED
S=POSTED SPEED LIMIT



TWO LANE ROAD – ONE LANE ALTERNATING TRAFFIC
N.T.S.

NOTES

1. WORK THAT WILL DISRUPT EXISTING TRAFFIC PATTERNS WITHIN THE EXISTING ROADWAYS (LANE REDUCTION□ETC.) SHALL ONLY BE DONE DURING OFF PEAK HOURS. NUMBERS AND LOCATION OF POLICE DETAILS OR FLAGGERS FOR WORK □ONE AND□OR DETOUR MANAGEMENT SHALL BE DETERMINED BY THE RESIDENT ENGINEER ON A CASE BY CASE BASIS□AS WORK PROGRESSES.
2. W20-4 SHALL SHOW "ROAD WORK 1000 FT" FOR THE TWO WAY STREET LANE SHIFT AND CLOSURE.



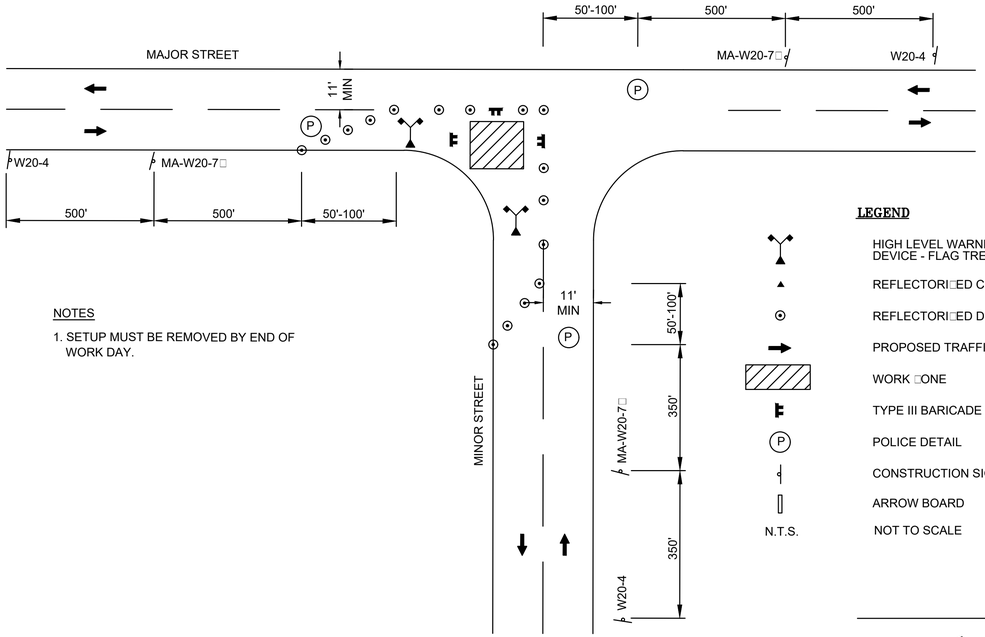
ADVANCED WARNING SIGN SCHEMATIC
N.T.S.

BELLINGHAM
ROUTE 126 (SOUTH MAIN STREET)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	58	160
PROJECT FILE NO.	608887		

TEMPORARY TRAFFIC CONTROL PLANS - 3

608887_TR(TTCP).DWG Plotted on 29-Oct-2020 10:53 PM



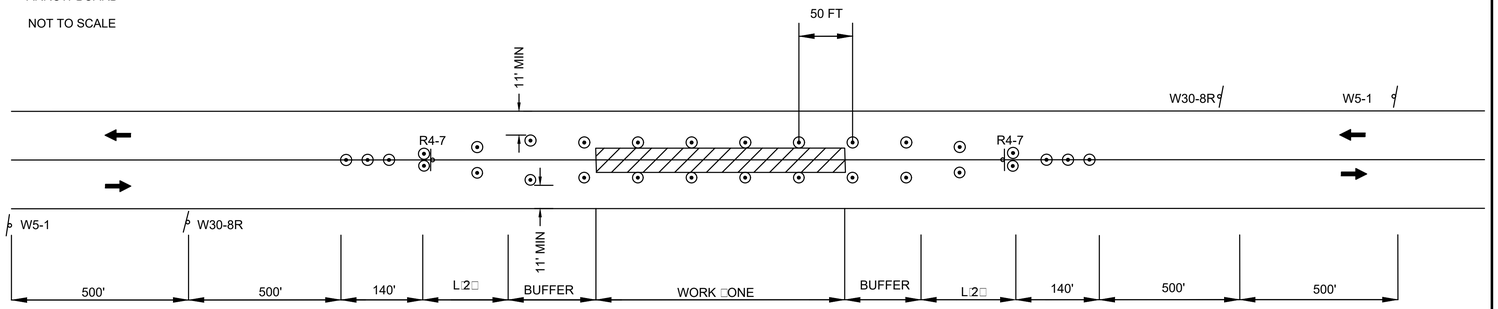
NOTES

1. SETUP MUST BE REMOVED BY END OF WORK DAY.

LEGEND

- HIGH LEVEL WARNING DEVICE - FLAG TREE
- REFLECTORI□ED CONE
- REFLECTORI□ED DRUM
- PROPOSED TRAFFIC FLOW
- WORK □ONE
- TYPE III BARICADE
- POLICE DETAIL
- CONSTRUCTION SIGN
- ARROW BOARD
- N.T.S. NOT TO SCALE

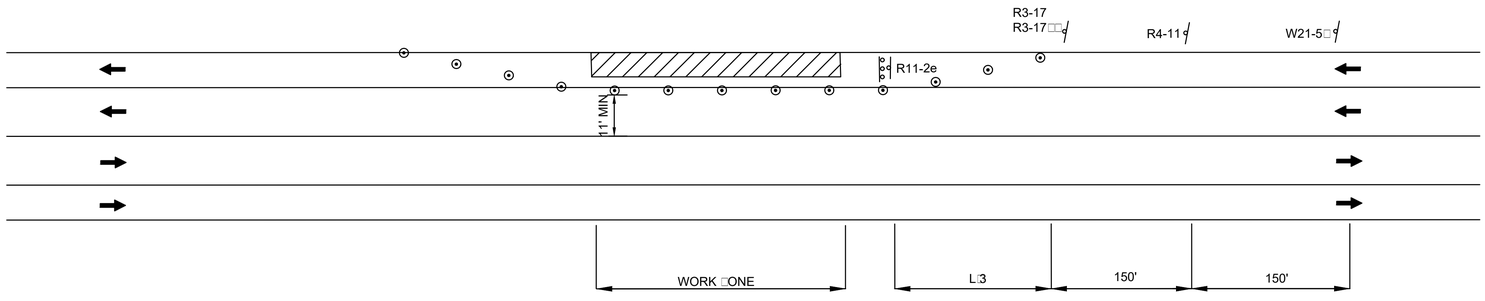
TYPICAL INTERSECTION MOVABLE WORK AREA "OPERATIONAL" (DAY-TO-DAY) PLAN
N.T.S.



□ $L=\frac{WS^2}{60}$ L=TAPER LENGTH
W=WIDTH OF ROADWAY TO BE SHIFTED OR REDIRECTED
S=POSTED SPEED LIMIT

TWO LANE ROAD - CENTER OF ROAD CLOSURE

N.T.S.

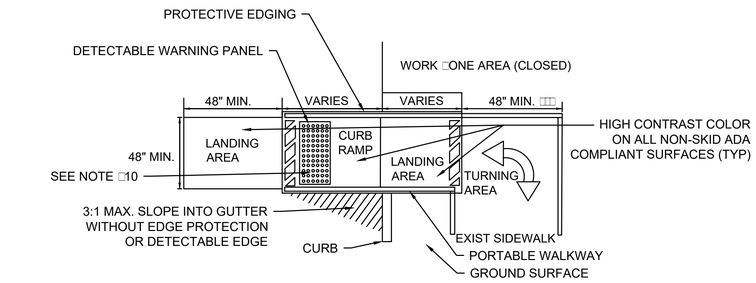


□ $L=\frac{WS^2}{60}$ L=TAPER LENGTH
W=WIDTH OF ROADWAY TO BE SHIFTED OR REDIRECTED
S=POSTED SPEED LIMIT

BICYCLE LANE CLOSURE WITHOUT DETOUR

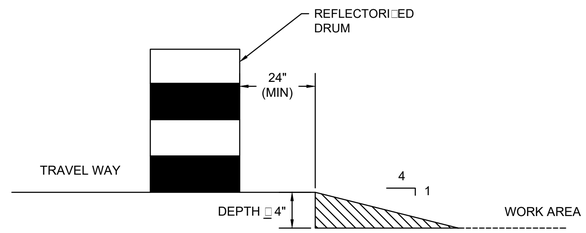
N.T.S.

608887_TR(TTCP).DWG Plotted on 29-Oct-2020 10:54 PM

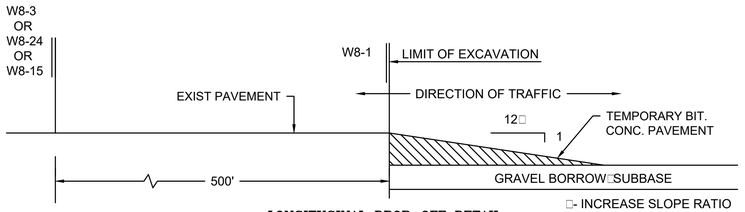


□ LANDING AREA USED TO OVERLAP NON-ADA COMPLIANT SURFACES.
□□ DETECTABLE EDGE REMOVED IF A CONTINUOUS SIDEWALK.
□□□ 60" IF AN OBSTRUCTION IS AT BACK OF SIDEWALK.

TEMPORARY CURB RAMP
N.T.S.

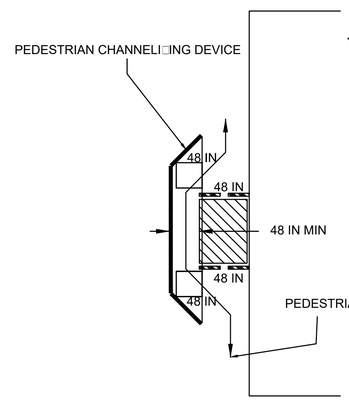


LATERAL DROP-OFF DETAIL
N.T.S.

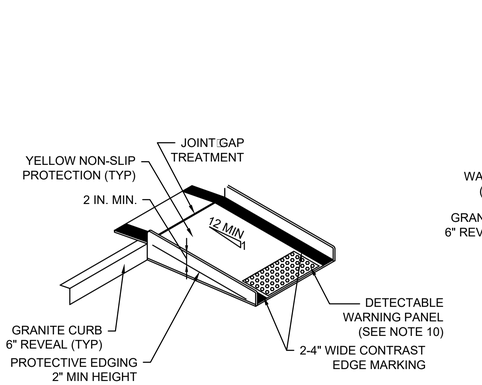


□- INCREASE SLOPE RATIO FOR HIGHER SPEEDS

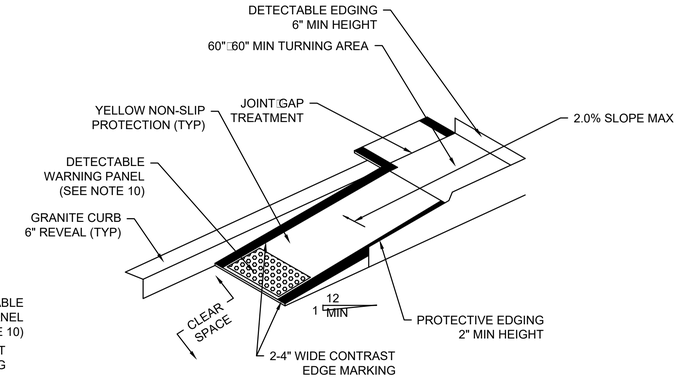
LONGITUDINAL DROP-OFF DETAIL
N.T.S.



TYPICAL FOR PEDESTRIAN BYPASS TYPE 1
N.T.S

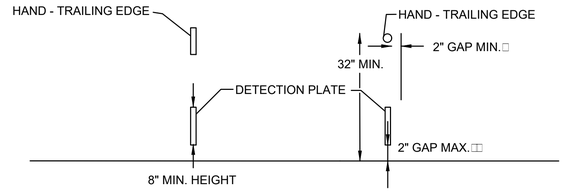


TEMPORARY CURB RAMP-PERPENDICULAR TO CURB
N.T.S.



TEMPORARY CURB RAMP-PARALLEL TO CURB
N.T.S.

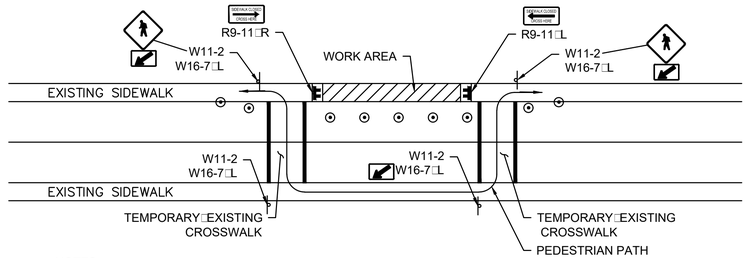
NOTES:
1. CURB RAMPS SHALL BE 60" MIN. WIDTH WITH A FIRM□STABLE AND NON-SLIP SURFACE.
2. PROTECTIVE EDGING WITH A 2" MIN. HEIGHT SHALL BE INSTALLED WHEN THE CURB RAMP OR LANDING PLATFORM HAS A VERTICAL DROP OF 6" OR GREATER OR HAS A SIDE APRON SLOPE STEEPER THAN 1:3. PROTECTIVE EDGING SHOULD BE CONSIDERED WHEN THE CURB RAMPS OR LANDING PLATFORMS HAVE A VERTICAL DROP OF 3" OR MORE.
3. DETECTABLE EDGING WITH 6" MIN. HEIGHT AND CONTRASTING COLOR SHALL BE INSTALLED ON ALL CURB RAMP LANDINGS WHERE THE WALKWAY CHANGES DIRECTION (TURNS).
4. THE CURB RAMP WALKWAY AND LANDING AREA SURFACE SHALL BE OF A SOLID CONTINUOUS CONTRASTING COLOR ABUTTING UP TO THE EXISTING SIDEWALK.
5. CURB RAMPS AND LANDINGS SHOULD HAVE A 2% MAX. CROSS-SLOPE.
6. CLEAR SPACE 48"□48" MIN. SHALL BE PROVIDED ABOVE AND BELOW THE CURB RAMP.
7. WATER FLOW IN THE GUTTER SYSTEM SHALL HAVE MINIMAL RESTRICTION.
8. LATERAL JOINTS OR GAPS BETWEEN SURFACES SHALL BE LESS THAN 0.5" WIDE.
9. CHANGES BETWEEN SURFACE HEIGHTS SHOULD NOT EXCEED 0.5". EDGES SHALL BE VERTICAL UP TO 0.25" HIGH□AND BEVELED AT 1:2 BETWEEN 0.25" AND 0.5" HIGH.
10. 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 PAD SHALL NOT BE INSTALLED.



CROSS SECTION VIEW

NOTES
□THERE SHALL BE A 2 INCH GAP BETWEEN THE HAND-TRAILING EDGE AND ITS SUPPORT
□□A MAXIMUM 2 INCH GAP BETWEEN THE BOTTOM OF THE BOTTOM RAIL AND THE SURFACE MAY BE USED TO PROVIDE DRAINAGE

PEDESTRIAN CHANNELI□ING DEVICE



NOTES
1. CONTROLS ONLY FOR PEDESTRIAN TRAFFIC ARE SHOWN. VEHICULAR. TRAFFIC SHOULD BE HANDLED AS SHOWN ELSEWHERE.
2. TEMPORARY CROSSWALKS WITH APPROPRIATE SIGNS SHOULD BE INSTALLED TO CROSS PEDESTRIANS TO THE OPPOSITE SIDE OF THE STREET□AND AS DIRECTED BY THE ENGINEER. TEMPORARY CURB RAMPS WILL BE RE□UIRED AT ALL TEMPORARY CROSSWALK LOCATIONS.
3. THE TEMPORARY SIDEWALK SHALL BE A MINIMUM OF 4 FEET WIDE. IF THE WALKWAY EXCEEDS 200 FEET THEN A 5 FOOT BY 5 FOOT PASSING □ONE SHALL BE PROVIDED.

PEDESTRIAN BYPASS
N.T.S.

DRAINAGE STRUCTURE TABLE							
NAME	BASELINE	STATION	OFFSET	RIM	INV. ELEV. IN	INV. ELEV. OUT	REMARKS
PROP-CBCI-2	SOUTH MAIN ST	182+69	15.1 L	284.42	-	281.42 (PROP DMH-1)	PROP F&G (CASCADE TYPE)
PROP-CBCI-3	SOUTH MAIN ST	184+92	18.4 L	287.36	-	284.36 (PROP DMH-2)	PROP F&G (CASCADE TYPE)
PROP-CB-4	SOUTH MAIN ST	184+92	8.3 R	287.81	285.06 (PROP GICI-1)	284.81 (PROP DMH-2)	PROP F&C
PROP-CBCI-5	SOUTH MAIN ST	187+18	23.0 L	290.13	-	287.13 (PROP DMH-3)	PROP F&G (CASCADE TYPE)
PROP-CBCI-6	SOUTH MAIN ST	187+31	23.6 R	290.83	-	288.33 (PROP DMH-3)	PROP F&G (CASCADE TYPE) W/ OFFSET TOP
PROP-CB-43	SOUTH MAIN ST	182+68	5.7 R	284.60	281.77 (PROP GICI-3)	281.60 (PROP DMH-1)	PROP F&C

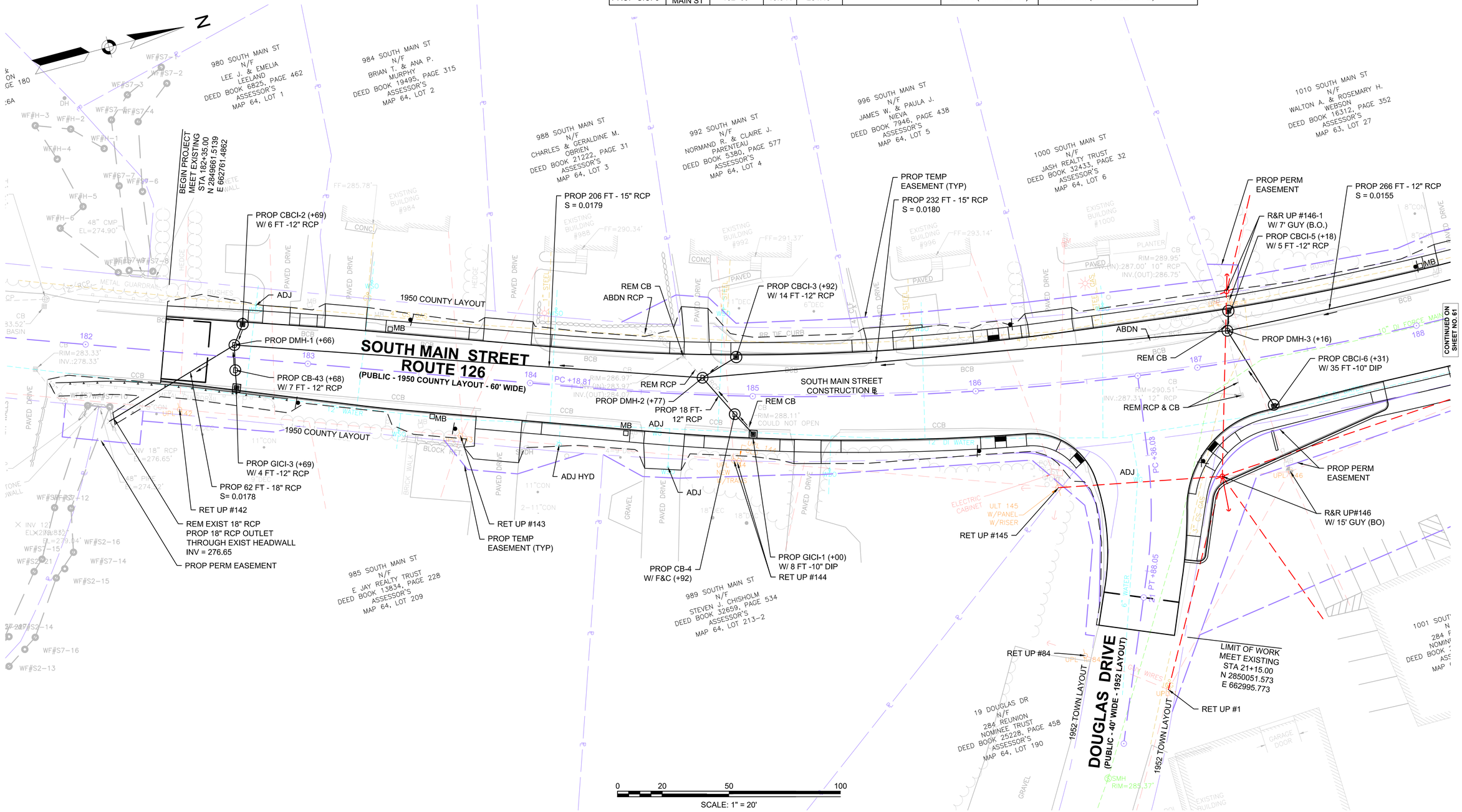
DRAINAGE STRUCTURE TABLE							
NAME	BASELINE	STATION	OFFSET	RIM	INV. ELEV. IN	INV. ELEV. OUT	REMARKS
PROP-DMH-1	SOUTH MAIN ST	182+66	5.5 L	284.58	280.22 (PROP CBCI-2) 281.47 (PROP CB-43) 277.92 (PROP DMH-2)	277.82 (OUTLET)	PROP F&C
PROP-DMH-2	SOUTH MAIN ST	184+77	7.6 L	287.38	283.52 (PROP CBCI-3) 283.52 (PROP CB-4) 281.72 (PROP DMH-3)	281.62 (PROP DMH-1)	PROP F&C
PROP-DMH-3	SOUTH MAIN ST	187+16	14.2 L	290.30	287.00 (PROP CBCI-5) 287.70 (PROP CBCI-6) 286.00 (PROP DMH-4)	285.90 (PROP DMH-2)	PROP F&C
PROP-GICI-1	SOUTH MAIN ST	185+00	17.8 R	287.90	-	285.40 (PROP CB-4)	PROP F&G (CASCADE TYPE)
PROP-GICI-3	SOUTH MAIN ST	182+69	13.6 R	284.43	-	281.93 (PROP CB-43)	PROP F&G (CASCADE TYPE)

BELLINGHAM
SOUTH MAIN STREET (ROUTE 126)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	60	160
PROJECT FILE NO.	608887		

UTILITY PLAN - 1

608887_HD(UT).DWG Plotted on 29-Oct-2020 10:56 PM



DRAINAGE STRUCTURE TABLE							
NAME	BASELINE	STATION	OFFSET	RIM	INV. ELEV. IN	INV. ELEV. OUT	REMARKS
PROP-CB-7	EASY ST	10+41	15.4 L	293.56	-	290.56 (EXIST CB)	PROP F&G (BAR TYPE) W□OFFSET TOP
PROP-CB-8	SOUTH MAIN ST	190+04	10.9 R	295.10	292.42 (PROP GICI-2)	292.10 (PROP DMH-4)	PROP F&C
PROP-CB-9	SOUTH MAIN ST	190+04	23.0 L	294.86	-	291.86 (PROP DMH-4)	PROP F&G (CASCADE TYPE)
PROP-CBCI-10	SOUTH MAIN ST	193+29	16.2 L	301.41	-	298.41 (PROP DMH-5)	PROP F&G (CASCADE TYPE) W□OFFSET TOP
PROP-CBCI-11	SOUTH MAIN ST	193+46	16.0 R	301.65	-	298.65 (PROP DMH-5)	PROP F&G (CASCADE TYPE) W□OFFSET TOP
PROP-DMH-4	SOUTH MAIN ST	189+90	12.9 L	294.75	291.62 (PROP CB-8) 291.62 (PROP CB-9) 290.22 (PROP DMH-5)	290.12 (PROP DMH-3)	PROP F&C
PROP-DMH-5	SOUTH MAIN ST	193+23	7.9 L	301.50	297.71 (PROP CBCI-10) 297.49 (PROP CBCI-11) 297.39 (PROP DMH-6)	297.29 (PROP DMH-4)	PROP F&C
PROP-GICI-2	SOUTH MAIN ST	190+11	20.0 R	295.08	-	292.58 (PROP CB-8)	PROP F&G (CASCADE TYPE)

BELLINGHAM
SOUTH MAIN STREET (ROUTE 126)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	61	160
PROJECT FILE NO.	608887		

UTILITY PLAN - 2

608887_HD(UT).DWG Plotted on 29-Oct-2020 10:56 PM

N

1010 SOUTH MAIN ST
N/F
WALTON A. & ROSEMARY H. WEBSON
DEED BOOK 16312, PAGE 352
ASSESSOR'S
MAP 63, LOT 27

1040 SOUTH MAIN ST
N/F
OMAR H. & BARBARA E. WENGER
DEED BOOK 28722, PAGE 303
ASSESSOR'S
MAP 59, LOT 5

1020 SOUTH MAIN ST
N/F
GAYLE L. ABRAMS
DEED BOOK 29159, PAGE 135
ASSESSOR'S
MAP 59, LOT 4

CONTINUED ON SHEET NO. 60

CONTINUED ON SHEET NO. 62

PROP 266 FT - 12" RCP
S = 0.0155

PROP PERM EASEMENT

R&R UP □148:84
W□7 FT GUY
(B.O.)

REM CB

PROP DMH-4 (+90)

PROP CB-9 (+04)
W□13FT - 10" DIP

ADJ

ABDN

PROP TEMP
EASEMENT (TYP)

PROP 327 FT - 12" RCP
S = 0.0216

1950 COUNTY LAYOUT

PROP CBCI-10 (+29)
W□7 FT- 12" RCP

REM CB

ADJ
ABDN

PROP DMH-5
(+23)

REM

PT +08.24

RET UP □147

PROP PERM
EASEMENT

PROP 10' GUY (BO)

RET

PROP 24 FT
-12" RCP
S = 0.0204

PROP GICI-2 (+11)
W□7 FT -10" DIP

PROP CB-8
W□F&C (+04)

RET UP □148
REM GUY (B.O.)
PROP 15' SW GUY &
10' SW GUY (B.O.)

REM CB

PROP CB-7 (+41)
W□30 FT -12" RCP

ADJ HYD
RET UP □148

PROP TEMP
EASEMENT (TYP)

R&R UP □150
(BO)

R&R UP □151(BO)

R&R PUSH
BRACE(BO)

REM CB
PROP CBCI-11 (+46)
W□29 FT - 12" RCP

PROP PERM
EASEMENT

LIMIT OF WORK
MEET EXISTING
STA 11+10.00
N 2850368.2955
E 663000.4084

RET UP □2

SOUTH MAIN STREET
ROUTE 126
(PUBLIC - 1950 COUNTY LAYOUT - 60' WIDE)

EASY STREET
(PUBLIC - 1952 TOWN LAYOUT - 50' WIDE)

1952 TOWN LAYOUT

1952 TOWN LAYOUT

1007 SOUTH MAIN ST
N/F
GEORGE J. CLAFFEY
DEED BOOK 15043, PAGE 576
ASSESSOR'S
MAP 64, LOT 208

1 SOUTH MAIN ST
N/F
284 REUNION
OMINEE TRUST
OK 25228, PAGE 458
ASSESSOR'S
64, LOT 191

11 EASY ST
N/F
STEPHEN FREDERICK &
STEPHANIE M. DUPONTE
DEED BOOK 13193, PAGE 448
ASSESSOR'S
MAP 64, LOT 207

1015 SOUTH MAIN ST
N/F
CATHERINE ROGOZYN
DEED BOOK 6233, PAGE 397
ASSESSOR'S
MAP 64, LOT 8

1019 SOUTH MAIN ST
N/F
MON REPOS REALTY TRUST
DEED BOOK 7714, PAGE 551
ASSESSOR'S
MAP 64, LOT 7

10 EASY ST
N/F

0 20 50 100
SCALE: 1" = 20'

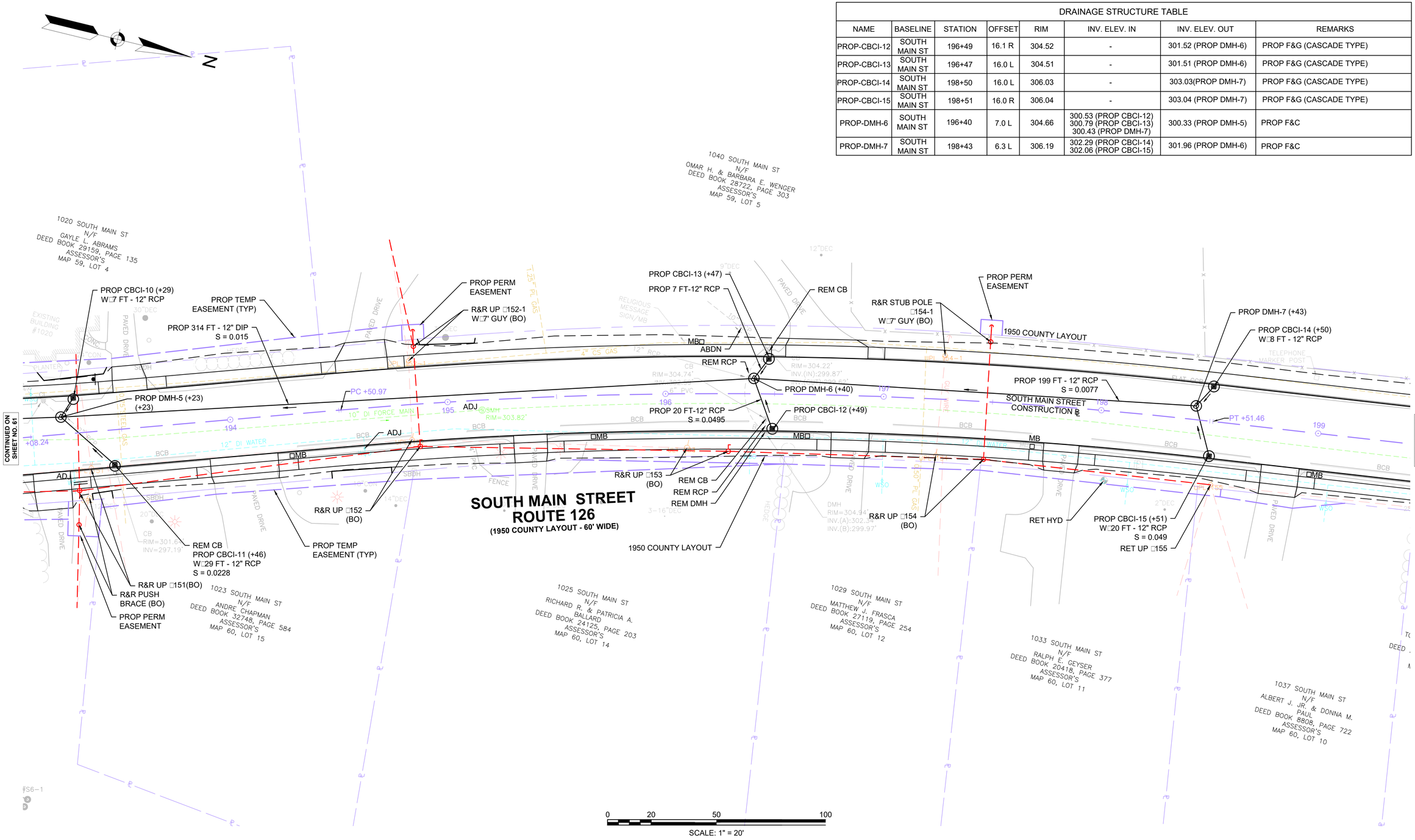
BELLINGHAM
SOUTH MAIN STREET (ROUTE 126)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	62	160
PROJECT FILE NO.	608887		

UTILITY PLAN - 3

608887_HD(UT).DWG Plotted on 29-Oct-2020 10:57 PM

DRAINAGE STRUCTURE TABLE							
NAME	BASELINE	STATION	OFFSET	RIM	INV. ELEV. IN	INV. ELEV. OUT	REMARKS
PROP-CBCI-12	SOUTH MAIN ST	196+49	16.1 R	304.52	-	301.52 (PROP DMH-6)	PROP F&G (CASCADE TYPE)
PROP-CBCI-13	SOUTH MAIN ST	196+47	16.0 L	304.51	-	301.51 (PROP DMH-6)	PROP F&G (CASCADE TYPE)
PROP-CBCI-14	SOUTH MAIN ST	198+50	16.0 L	306.03	-	303.03(PROP DMH-7)	PROP F&G (CASCADE TYPE)
PROP-CBCI-15	SOUTH MAIN ST	198+51	16.0 R	306.04	-	303.04 (PROP DMH-7)	PROP F&G (CASCADE TYPE)
PROP-DMH-6	SOUTH MAIN ST	196+40	7.0 L	304.66	300.53 (PROP CBCI-12) 300.79 (PROP CBCI-13) 300.43 (PROP DMH-7)	300.33 (PROP DMH-5)	PROP F&C
PROP-DMH-7	SOUTH MAIN ST	198+43	6.3 L	306.19	302.29 (PROP CBCI-14) 302.06 (PROP CBCI-15)	301.96 (PROP DMH-6)	PROP F&C



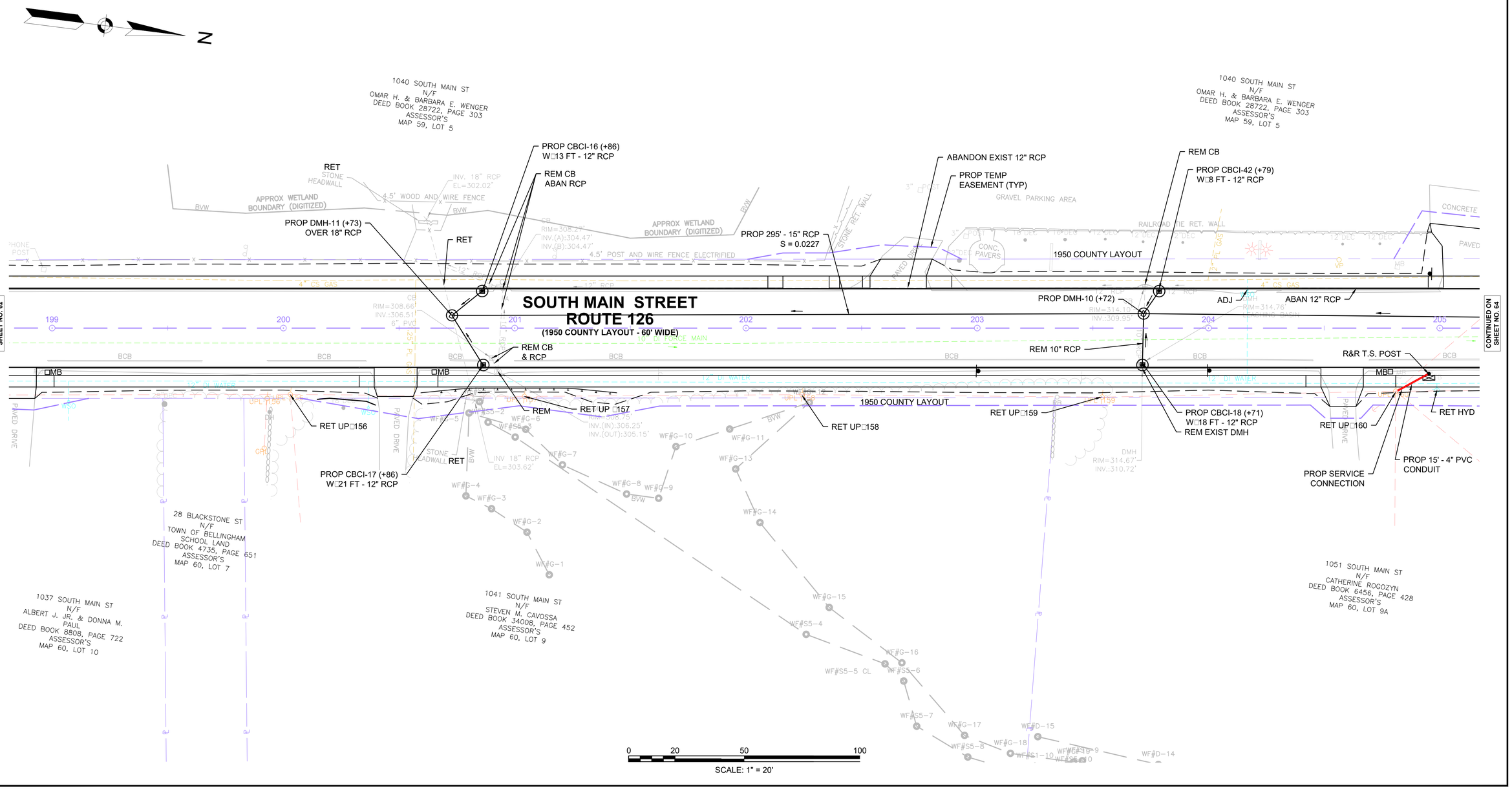
DRAINAGE STRUCTURE TABLE							
NAME	BASELINE	STATION	OFFSET	RIM	INV. ELEV. IN	INV. ELEV. OUT	REMARKS
PROP-CBCI-16	SOUTH MAIN ST	200+86	15.7 L	308.19	-	305.19 (PROP DMH-11)	PROP F&G (CASCADE TYPE)
PROP-CBCI-17	SOUTH MAIN ST	200+86	16.0 R	308.20	-	305.20 (PROP DMH-11)	PROP F&G (CASCADE TYPE)
PROP-CBCI-18	SOUTH MAIN ST	203+71	16.0 R	314.84	-	311.84 (PROP DMH-10)	PROP F&G (CASCADE TYPE)
PROP-CBCI-42	SOUTH MAIN ST	203+79	16.0 L	315.09	-	312.09 (PROP DMH-10)	PROP F&G (CASCADE TYPE)
PROP-DMH-11	SOUTH MAIN ST	200+73	5.5 L	308.24	304.43 (PROP CBCI-16) 304.99 (PROP CBCI-17) 303.74 (PROP DMH-10) 302.91 (INLET)	302.83 (OUTLET)	PROP F&C
PROP-DMH-10	SOUTH MAIN ST	203+72	6.3 L	315.07	310.90 (PROP CBCI-18) 310.85 (PROP CBCI-42) 310.53 (PROP DMH-19)	310.43 (PROP DMH-11)	PROP F&C

BELLINGHAM
SOUTH MAIN STREET (ROUTE 126)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	63	160
PROJECT FILE NO.	608887		

UTILITY PLAN - 4

608887_HD(UT).DWG Plotted on 29-Oct-2020 10:58 PM



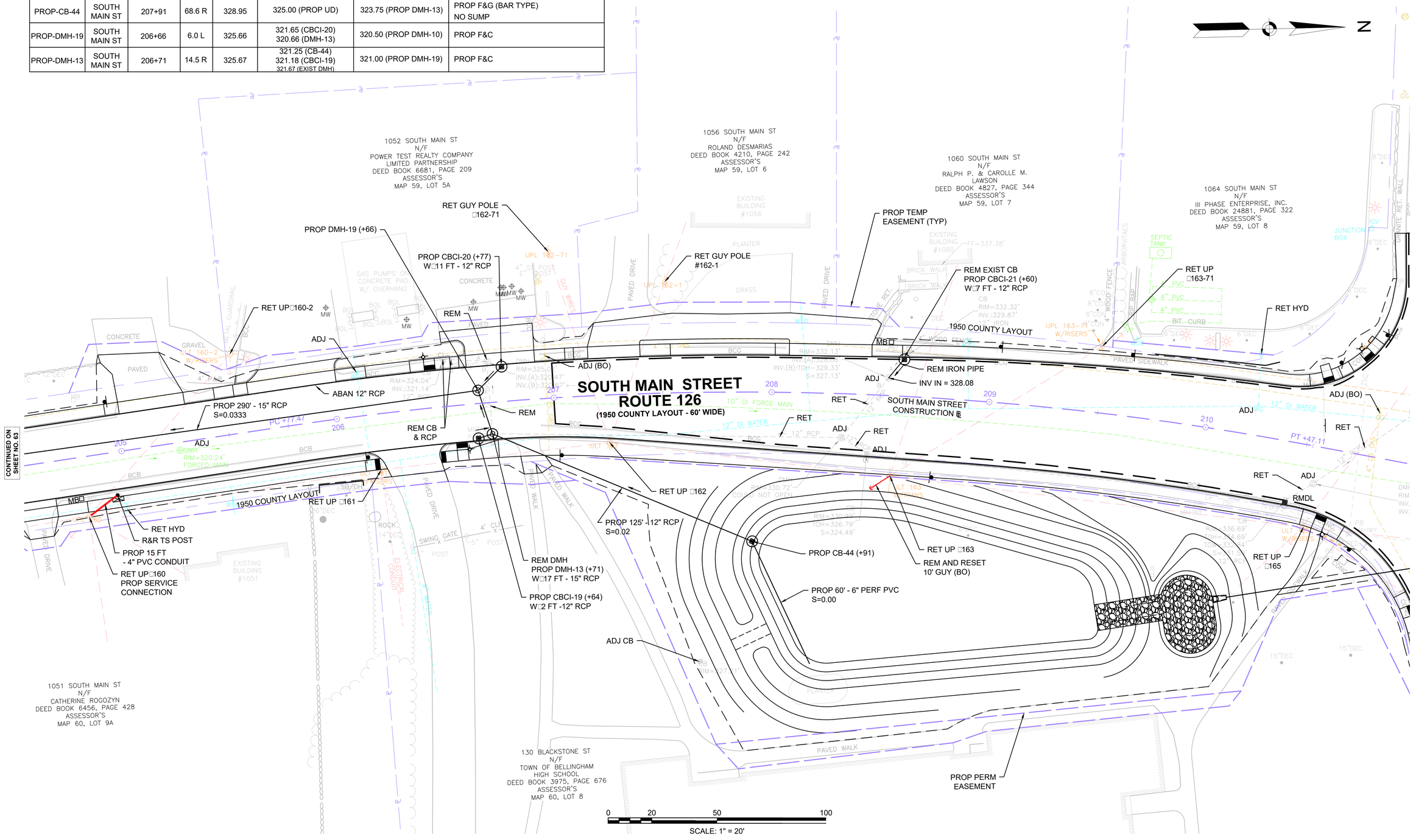
DRAINAGE STRUCTURE TABLE							
NAME	BASELINE	STATION	OFFSET	RIM	INV. ELEV. IN	INV. ELEV. OUT	REMARKS
PROP-CBCI-19	SOUTH MAIN ST	206+64	16.0 R	325.38	-	322.38 (PROP DMH-13)	PROP F&G (CASCADE TYPE)
PROP-CBCI-20	SOUTH MAIN ST	206+77	16.0 L	325.87	-	322.87 (DMH-19)	PROP F&G (CASCADE TYPE)
PROP-CBCI-21	SOUTH MAIN ST	208+60	17.0 L	332.77	-	328.77 (EXIST DMH)	PROP F&G (CASCADE TYPE)
PROP-CB-44	SOUTH MAIN ST	207+91	68.6 R	328.95	325.00 (PROP UD)	323.75 (PROP DMH-13)	PROP F&G (BAR TYPE) NO SUMP
PROP-DMH-19	SOUTH MAIN ST	206+66	6.0 L	325.66	321.65 (CBCI-20) 320.66 (DMH-13)	320.50 (PROP DMH-10)	PROP F&C
PROP-DMH-13	SOUTH MAIN ST	206+71	14.5 R	325.67	321.25 (CB-44) 321.18 (CBCI-19) 321.67 (EXIST DMH)	321.00 (PROP DMH-19)	PROP F&C

BELLINGHAM
SOUTH MAIN STREET (ROUTE 126)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	64	160
PROJECT FILE NO.	608887		

UTILITY PLAN - 5

608887_HD(UT).DWG Plotted on 29-Oct-2020 10:59 PM



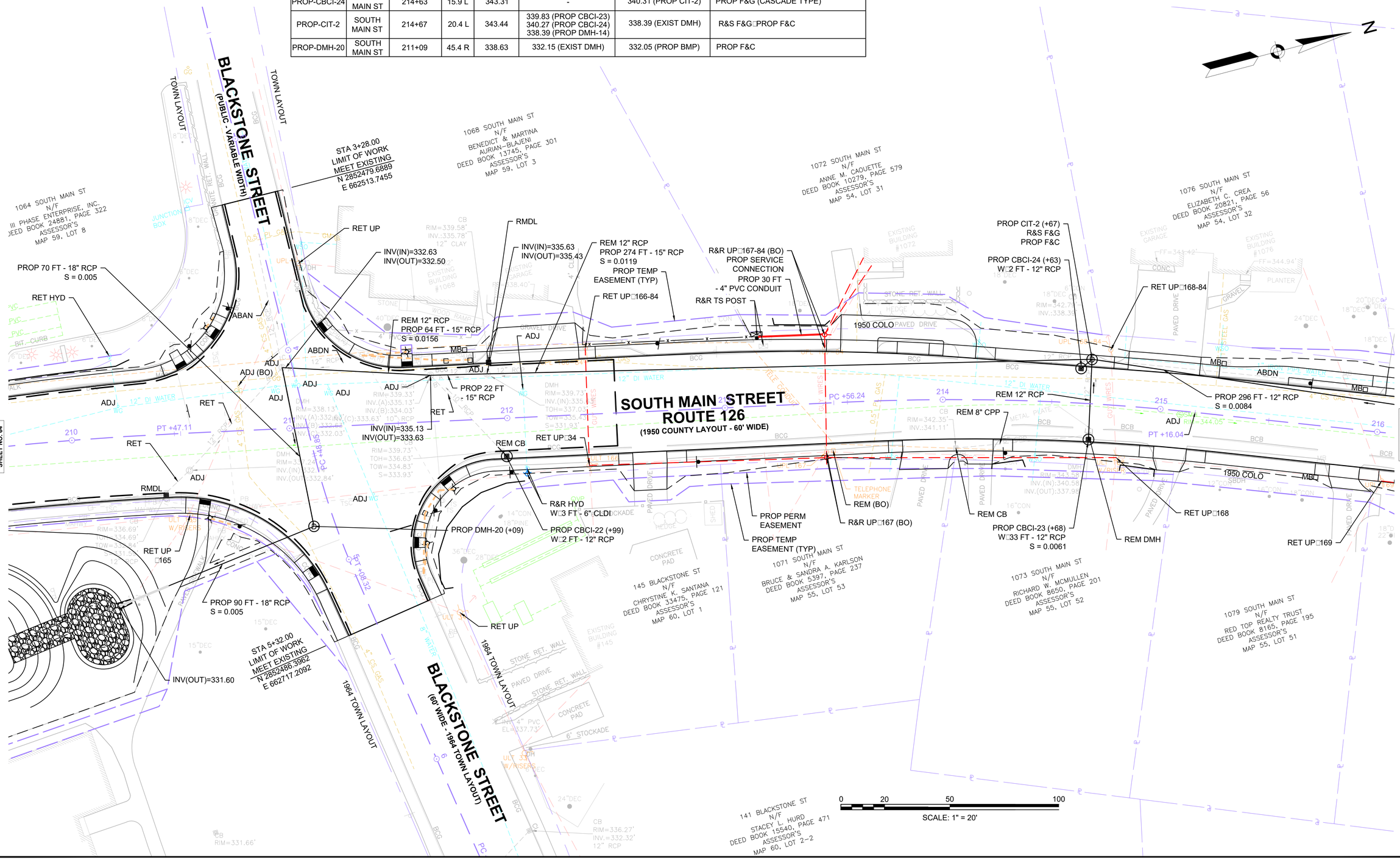
BELLINGHAM
SOUTH MAIN STREET (ROUTE 126)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	65	160
PROJECT FILE NO.	608887		

UTILITY PLAN - 6

608887_HD(UT).DWG Plotted on 29-Oct-2020 10:59 PM

DRAINAGE STRUCTURE TABLE							
NAME	BASELINE	STATION	OFFSET	RIM	INV. ELEV. IN	INV. ELEV. OUT	REMARKS
PROP-CBCI-22	SOUTH MAIN ST	211+99	17.5 R	339.83	-	335.83 (EXIST DMH)	PROP F&G (CASCADE TYPE)
PROP-CBCI-23	SOUTH MAIN ST	214+68	17.5 R	343.03	-	340.03 (PROP CIT-2)	PROP F&G (CASCADE TYPE)
PROP-CBCI-24	SOUTH MAIN ST	214+63	15.9 L	343.31	-	340.31 (PROP CIT-2)	PROP F&G (CASCADE TYPE)
PROP-CIT-2	SOUTH MAIN ST	214+67	20.4 L	343.44	339.83 (PROP CBCI-23) 340.27 (PROP CBCI-24) 338.39 (PROP DMH-14)	338.39 (EXIST DMH)	R&S F&G PROP F&C
PROP-DMH-20	SOUTH MAIN ST	211+09	45.4 R	338.63	332.15 (EXIST DMH)	332.05 (PROP BMP)	PROP F&C



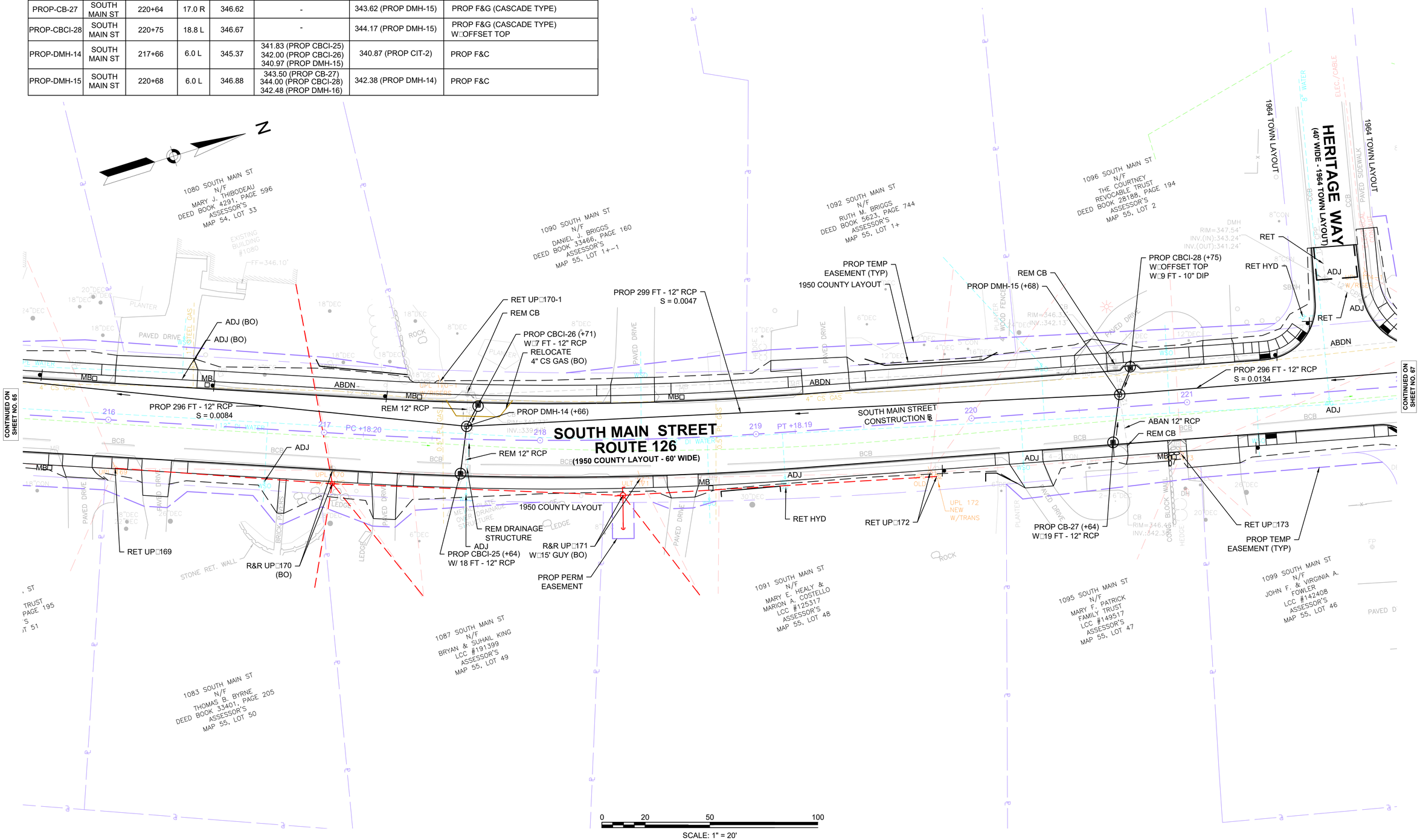
BELLINGHAM
SOUTH MAIN STREET (ROUTE 126)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	66	160
PROJECT FILE NO.	608887		

UTILITY PLAN - 7

608887_HDUT.DWG Plotted on 29-Oct-2020 11:00 PM

DRAINAGE STRUCTURE TABLE							
NAME	BASELINE	STATION	OFFSET	RIM	INV. ELEV. IN	INV. ELEV. OUT	REMARKS
PROP-CBCI-25	SOUTH MAIN ST	217+64	17.0 R	345.13	-	342.13 (PROP DMH-14)	PROP F&G (CASCADE TYPE)
PROP-CBCI-26	SOUTH MAIN ST	217+71	16.0 L	345.17	-	342.17 (PROP DMH-14)	PROP F&G (CASCADE TYPE) W□OFFSET TOP
PROP-CB-27	SOUTH MAIN ST	220+64	17.0 R	346.62	-	343.62 (PROP DMH-15)	PROP F&G (CASCADE TYPE)
PROP-CBCI-28	SOUTH MAIN ST	220+75	18.8 L	346.67	-	344.17 (PROP DMH-15)	PROP F&G (CASCADE TYPE) W□OFFSET TOP
PROP-DMH-14	SOUTH MAIN ST	217+66	6.0 L	345.37	341.83 (PROP CBCI-25) 342.00 (PROP CBCI-26) 340.97 (PROP DMH-15)	340.87 (PROP CIT-2)	PROP F&C
PROP-DMH-15	SOUTH MAIN ST	220+68	6.0 L	346.88	343.50 (PROP CB-27) 344.00 (PROP CBCI-28) 342.48 (PROP DMH-16)	342.38 (PROP DMH-14)	PROP F&C



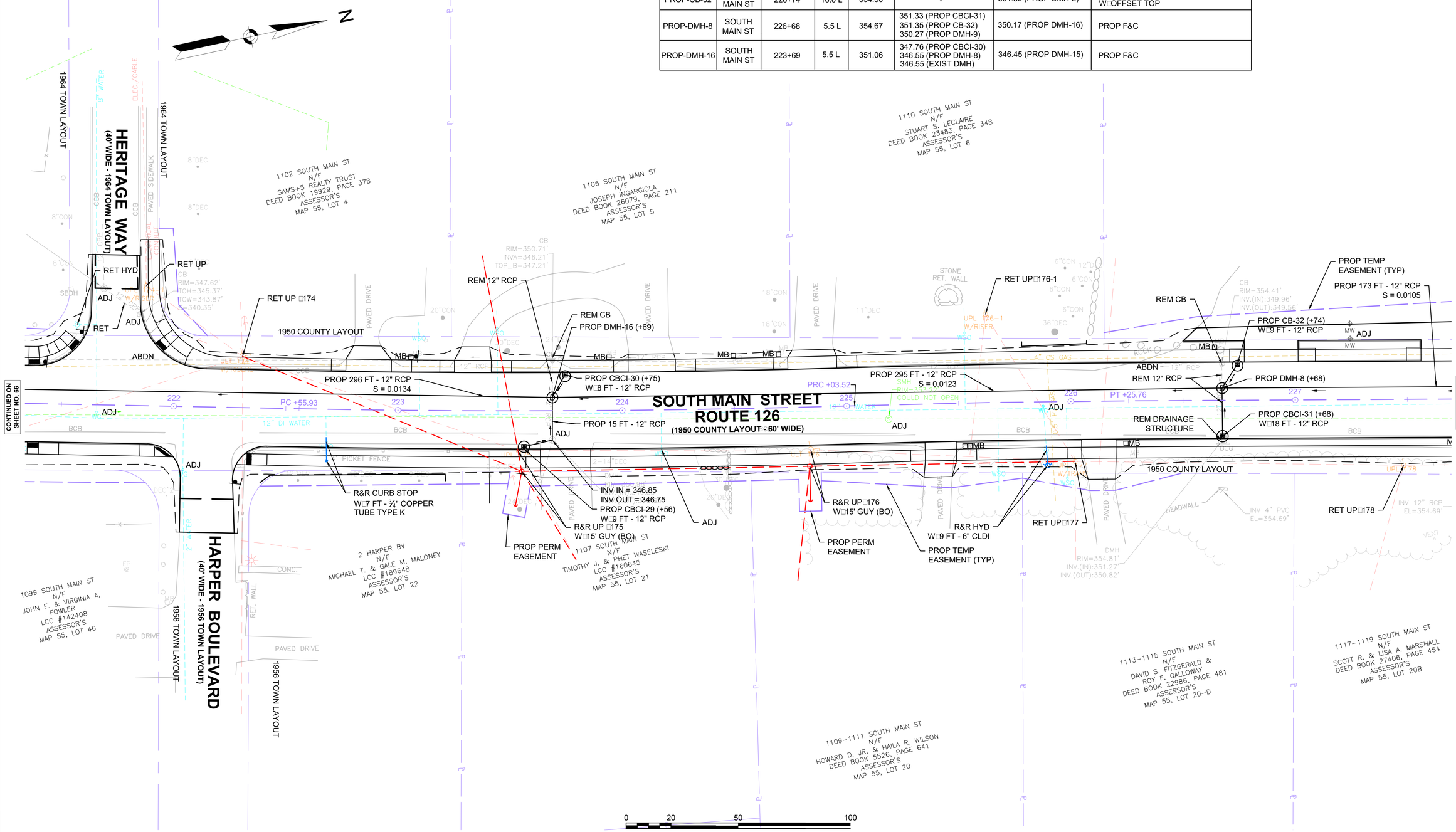
BELLINGHAM
SOUTH MAIN STREET (ROUTE 126)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	67	160
PROJECT FILE NO.	608887		

UTILITY PLAN - 8

608887_HD(UT).DWG Plotted on 29-Oct-2020 11:01 PM

DRAINAGE STRUCTURE TABLE							
NAME	BASELINE	STATION	OFFSET	RIM	INV. ELEV. IN	INV. ELEV. OUT	REMARKS
PROP-CBCI-29	SOUTH MAIN ST	223+56	16.0 R	350.65	-	347.65 (EXIST DMH)	PROP F&G (CASCADE TYPE)
PROP-CBCI-30	SOUTH MAIN ST	223+75	16.0 L	350.92	-	347.92 (PROP DMH-16)	PROP F&G (CASCADE TYPE) W□OFFSET TOP
PROP-CBCI-31	SOUTH MAIN ST	226+68	16.0 R	354.44	-	351.44 (PROP DMH-8)	PROP F&G (CASCADE TYPE)
PROP-CB-32	SOUTH MAIN ST	226+74	16.0 L	354.50	-	351.50 (PROP DMH-8)	PROP F&G (CASCADE TYPE) W□OFFSET TOP
PROP-DMH-8	SOUTH MAIN ST	226+68	5.5 L	354.67	351.33 (PROP CBCI-31) 351.35 (PROP CB-32) 350.27 (PROP DMH-9)	350.17 (PROP DMH-16)	PROP F&C
PROP-DMH-16	SOUTH MAIN ST	223+69	5.5 L	351.06	347.76 (PROP CBCI-30) 346.55 (PROP DMH-8) 346.55 (EXIST DMH)	346.45 (PROP DMH-15)	PROP F&C



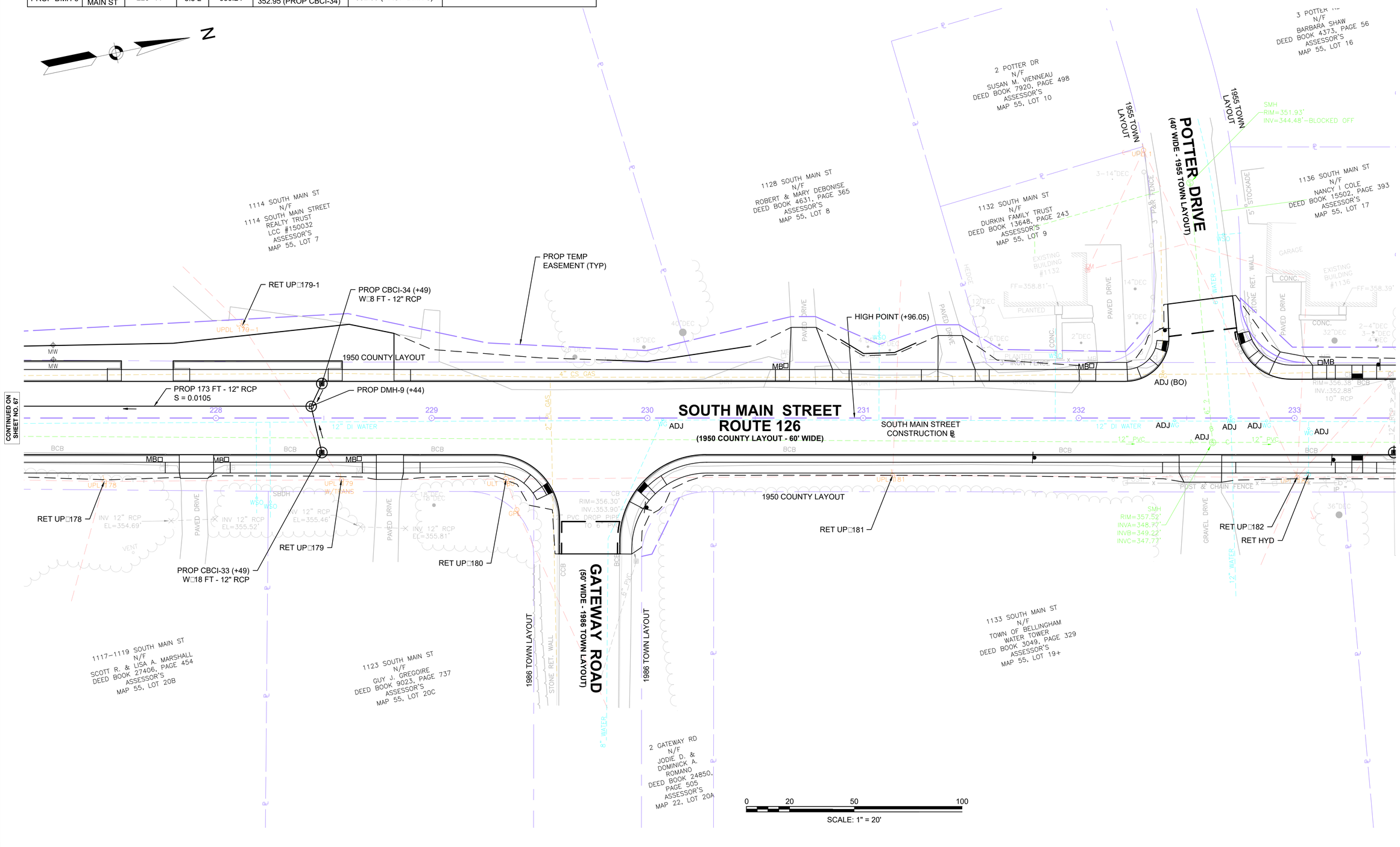
DRAINAGE STRUCTURE TABLE							
NAME	BASELINE	STATION	OFFSET	RIM	INV. ELEV. IN	INV. ELEV. OUT	REMARKS
PROP-CBCI-33	SOUTH MAIN ST	228+49	16.0 R	356.05	-	353.05 (PROP DMH-9)	PROP F&G (CASCADE TYPE)
PROP-CBCI-34	SOUTH MAIN ST	228+49	16.0 L	356.05	-	353.05 (PROP DMH-9)	PROP F&G (CASCADE TYPE)
PROP-DMH-9	SOUTH MAIN ST	228+44	5.5 L	356.24	352.93 (PROP CBCI-33) 352.95 (PROP CBCI-34)	352.09 (PROP DMH-8)	PROP F&C

BELLINGHAM
SOUTH MAIN STREET (ROUTE 126)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	68	160
PROJECT FILE NO.	608887		

UTILITY PLAN - 9

608887_HD(UT).DWG Plotted on 29-Oct-2020 11:02 PM



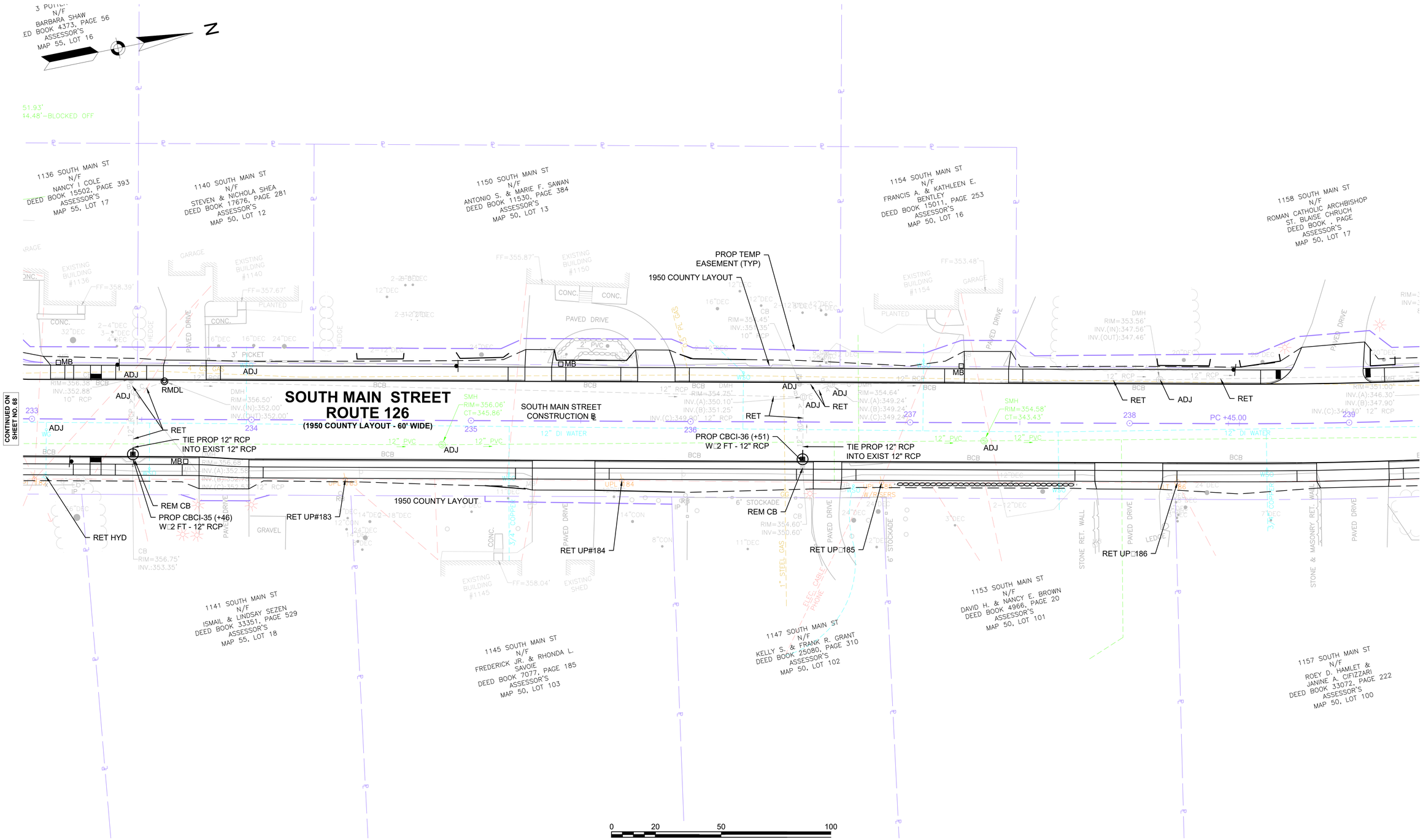
BELLINGHAM
SOUTH MAIN STREET (ROUTE 126)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	69	160
PROJECT FILE NO.	608887		

UTILITY PLAN - 10

608887_HDUT.DWG Plotted on 29-Oct-2020 11:03 PM

DRAINAGE STRUCTURE TABLE							
NAME	BASELINE	STATION	OFFSET	RIM	INV. ELEV. IN	INV. ELEV. OUT	REMARKS
PROP-CBCI-35	SOUTH MAIN ST	233+46	17.0 R	356.56	-	353.04 (EXIST DMH)	PROP F&G (CASCADE TYPE)
PROP-CBCI-36	SOUTH MAIN ST	236+51	17.0 R	354.67	-	350.56 (EXIST DMH)	PROP F&G (CASCADE TYPE)



BELLINGHAM
SOUTH MAIN STREET (ROUTE 126)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	70	160
PROJECT FILE NO.	608887		

UTILITY PLAN - 11

608887_HD(UT).DWG Plotted on 29-Oct-2020 11:04 PM

DRAINAGE STRUCTURE TABLE							
NAME	BASELINE	STATION	OFFSET	RIM	INV. ELEV. IN	INV. ELEV. OUT	REMARKS
PROP-CBCI-37	SOUTH MAIN ST	239+53	17.0 R	350.92	-	346.90 (EXIST DMH)	PROP F&G (CASCADE TYPE)
PROP-CB-38	SOUTH MAIN ST	242+49	17.0 R	342.85	-	339.52 (EXIST DMH)	PROP F&G (CASCADE TYPE)
PROP-CBCI-39	SOUTH MAIN ST	244+65	17.0 R	332.76	-	329.26 (PROP DMH-12)	PROP F&G (CASCADE TYPE)
PROP-CBCI-40	SOUTH MAIN ST	244+65	17.0 L	332.85	-	329.85 (PROP DMH-12)	PROP F&G (CASCADE TYPE)
PROP-DMH-12	SOUTH MAIN ST	244+70	8.2 L	332.60	328.75 (PROP CBCI-39) 329.15 (PROP CBCI-40) 328.20 (PROP DMH-18)	328.10 (EXIST DMH)	PROP F&C

N

1158 SOUTH MAIN ST
N/F
ROMAN CATHOLIC ARCHBISHOP
ST. BLAISE CHRUCH
DEED BOOK , PAGE
ASSESSOR'S
MAP 50, LOT 17

1172 SOUTH MAIN ST
N/F
FIRST BAPTIST CHRUCH
DEED BOOK 3917, PAGE 404
ASSESSOR'S
MAP 50, LOT 19

SOUTH MAIN ST
N/F
TOWN OF BELLINGHAM
OLD TOWN WELL
LC DEED BOOK 911, PAGE 147
ASSESSOR'S
MAP 50, LOT 18

1157 SOUTH MAIN ST
N/F
ROEY D. HAMLET &
JANINE A. CIFIZZARI
DEED BOOK 33072, PAGE 222
ASSESSOR'S
MAP 50, LOT 100

1161 SOUTH MAIN ST
N/F
ANN MARIE SIMPSON
DEED BOOK 24480, PAGE 52
ASSESSOR'S
MAP 50, LOT 99A-2

1163 SOUTH MAIN ST
N/F
BENJAMIN & MARY GRACE
TUCKER
DEED BOOK 10937, PAGE 339
ASSESSOR'S
MAP 50, LOT 99A-1

1167 SOUTH MAIN ST
N/F
WESLEY C. GARNER
DEED BOOK 20496, PAGE 169
ASSESSOR'S
MAP 50, LOT 99

CUMMINGS LN
N/F
WESLEY C. GARNE
DEED BOOK 20496, PA
ASSESSOR'S
MAP 50, LOT 99-

SOUTH MAIN STREET
ROUTE 126
(PUBLIC - 1950 COUNTY LAYOUT - 60' WIDE)

CRYSTAL WAY
(PRIVATE WAY)

CUMMINGS LANE
(PRIVATE - 40' WIDE - 2004 LAYOUT)

SOUTH MAIN STREET CONSTRUCTION B

1950 COUNTY LAYOUT

PROP TEMP EASEMENT (TYP)

RET UP □187-1

RET UP □187

RET UP □188

RET UP □189

RET UP □190

RET UP □191

RET UP □192

RET HYD

ADJ (BO)

ADJ

RET

REM CB

TIE PROP 12" RCP INTO EXIST 12" RCP
PROP CBCI-37 (+53)
W□2 FT - 12" RCP

TIE PROP 12" RCP INTO EXIST 12" RCP

PROP CB-38 (+49)
W□2 FT - 12" RCP

PROP CBCI-40 (+65)
W□6 FT - 12" RCP

PROP DMH-12 (+70)

PROP CBCI-39 (+65)
W□22 FT - 12" RCP
S = 0.0235

PT +30.62

EXISTING BUILDING #1161

GRAVEL

6' IRON FENCE

CONC. PAD W/ DUMPSTER

SBDH

CONTINUED ON SHEET NO. 69

CONTINUED ON SHEET NO. 71

0 20 50 100

SCALE: 1" = 20'

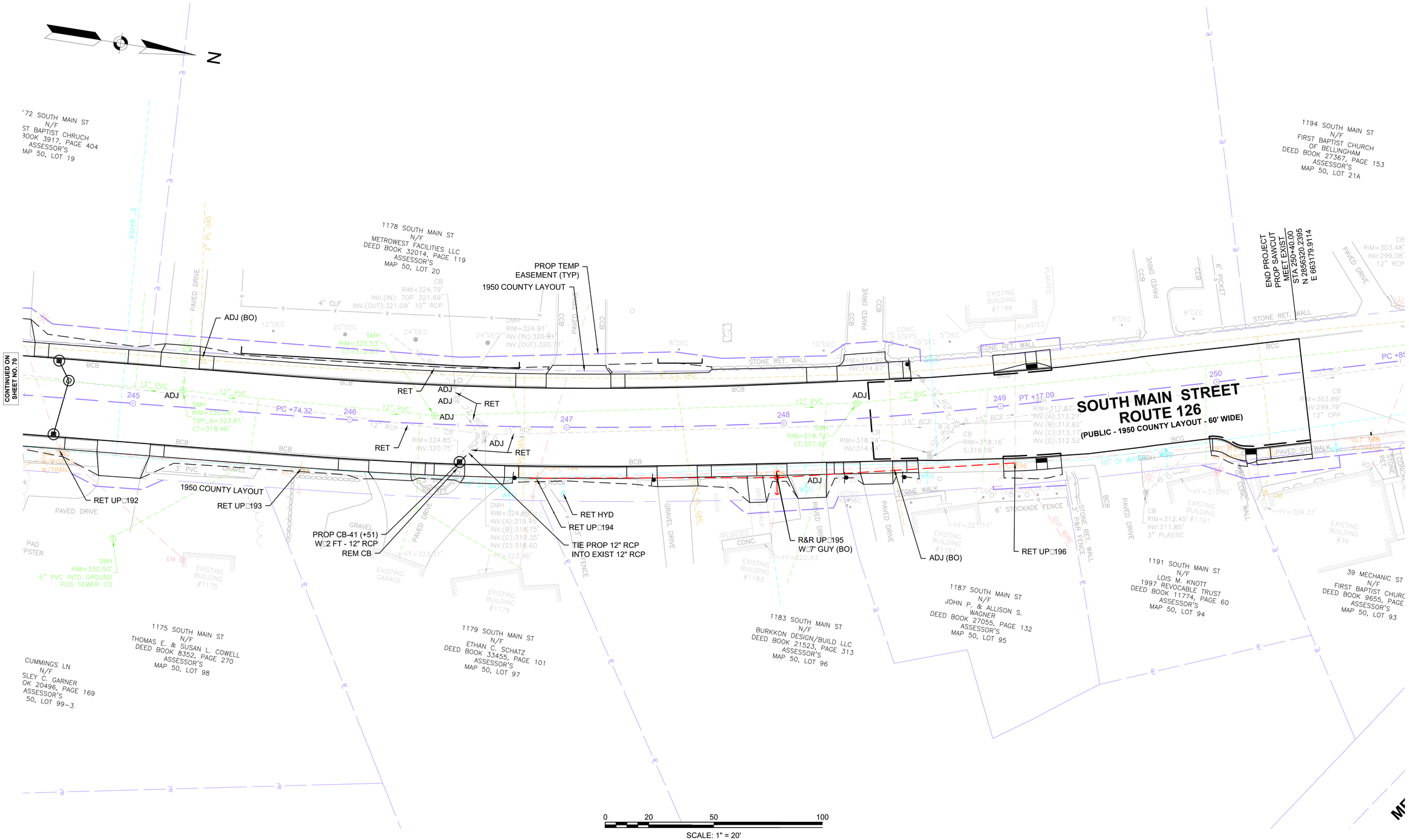
BELLINGHAM
SOUTH MAIN STREET (ROUTE 126)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	71	160
PROJECT FILE NO.	608887		

UTILITY PLAN - 12

608887_HD(UT).DWG Plotted on 29-Oct-2020 11:05 PM

DRAINAGE STRUCTURE TABLE							
NAME	BASELINE	STATION	OFFSET	RIM	INV. ELEV. IN	INV. ELEV. OUT	REMARKS
PROP-CB-41	SOUTH MAIN ST	246+51	17.0 R	324.74	-	320.60 (EXIST DMH)	PROP F&G (CASCADE TYPE)

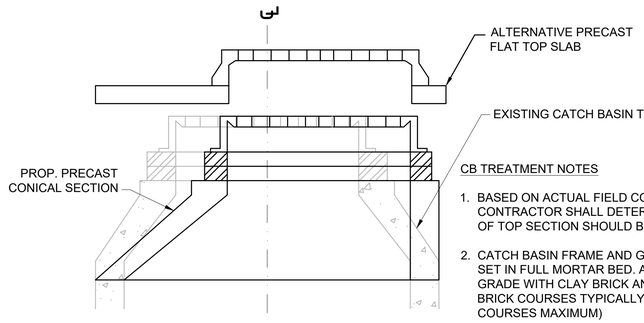


BELLINGHAM
SOUTH MAIN STREET (ROUTE 126)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	72	160
PROJECT FILE NO.	608887		

CONSTRUCTION DETAILS-1

608887_HD(DETAILS).DWG Plotted on 29-Oct-2020 11:07 PM

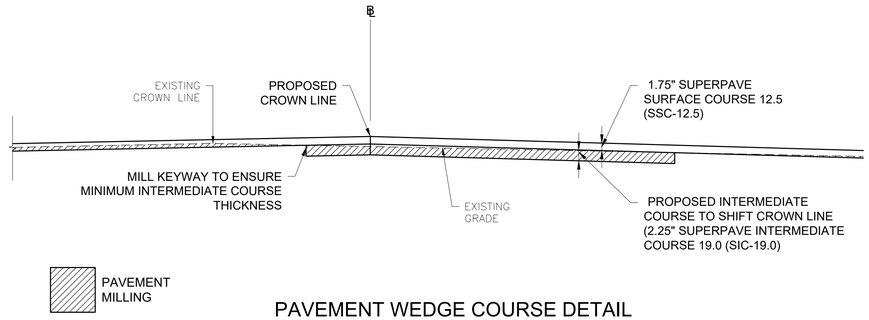


CB TREATMENT NOTES

1. BASED ON ACTUAL FIELD CONDITIONS THE CONTRACTOR SHALL DETERMINE WHICH STYLE OF TOP SECTION SHOULD BE USED.
2. CATCH BASIN FRAME AND GRATE SHALL BE SET IN FULL MORTAR BED. ADJUST TO GRADE WITH CLAY BRICK AND MORTAR (2 BRICK COURSES TYPICALLY 5 BRICK COURSES MAXIMUM)

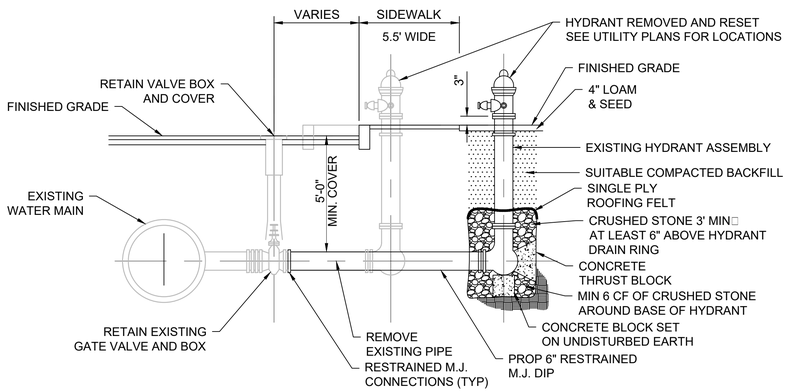
REMODELED CATCH BASIN (CB) TREATMENT

NOT TO SCALE



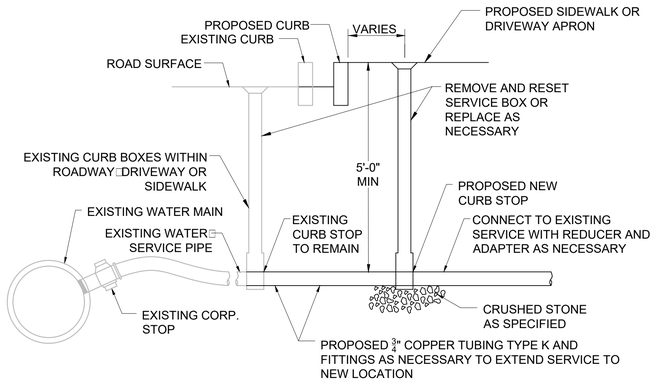
PAVEMENT WEDGE COURSE DETAIL

NOT TO SCALE



HYDRANT REMOVED AND RESET DETAIL

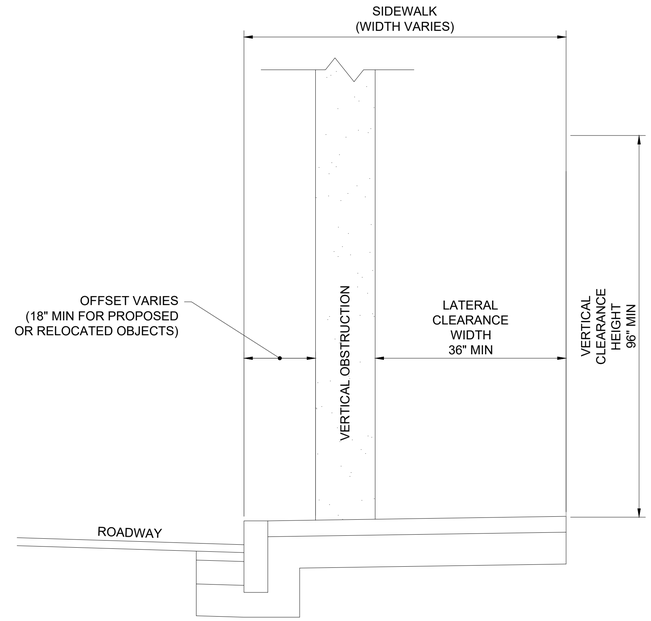
NOT TO SCALE



IF EXISTING WATER SERVICE LINE IS NOT ¾" COPPER TUBING TYPE K CONTRACTOR SHALL INFORM BELLINGHAM WATER DEPARTMENT. NO CONNECTION SHALL BE MADE UNTIL THE BELLINGHAM WATER DEPARTMENT DETERMINES IF THE EXISTING LINE IS SUITABLE TO BE EXTENDED OR MUST BE REPLACED TO THE MAIN

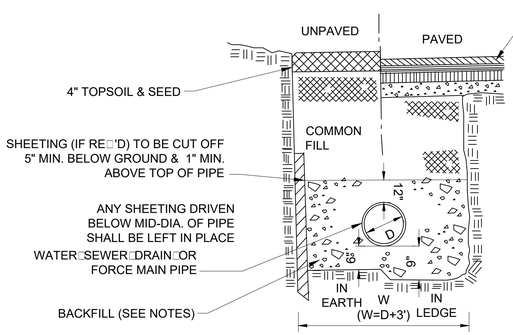
CURB STOP RELOCATION DETAIL

NOT TO SCALE



VERTICAL OBSTRUCTION CLEARANCE DETAIL

NOT TO SCALE

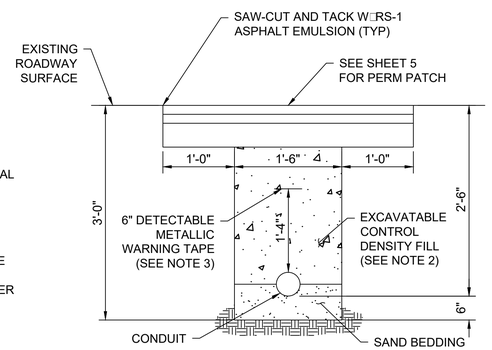


NOTES:

1. COMMON FILL MATERIAL TO CONSIST OF GRANULAR MATERIAL CONTAINING NO STONES LARGER THAN 6" IN GREATEST DIMENSION.
2. BACKFILL WITH CLEAN SAND TO 12" OVER PIPE FOR WATERMAINS.
3. BACKFILL WITH SELECT MATERIAL CONTAINING NO STONES LARGER THAN 3" IN GREATEST DIMENSION TO 12" OVER PIPE FOR SEWER AND DRAIN PIPES.
4. PROVIDE SCREENED GRAVEL BEDDING TO MID PIPE DIAMETER FOR SANITARY SEWERS AND WHERE GROUNDWATER IS ENCOUNTERED AS DIRECTED BY THE ENGINEER.
5. REMOVE UNSUITABLE MATERIAL BELOW GRADE IF ENCOUNTERED TO SUITABLE DEPTHS AS DIRECTED BY ENGINEER AND REPLACE WITH CLEAN GRANULAR FILL.
6. BACKFILL SHALL BE PLACED IN LIFTS OF A MINIMUM OF 6 INCHES
7. ALL TRENCH CONSTRUCTION TO CONFORM TO APPLICABLE FEDERAL STATE AND LOCAL REGULATIONS.
8. COMPACT FILL AND TAMP TO 93% MAX. DENSITY UNLESS OTHERWISE SPECIFIED.

TYPICAL TRENCH SECTIONS

NOT TO SCALE

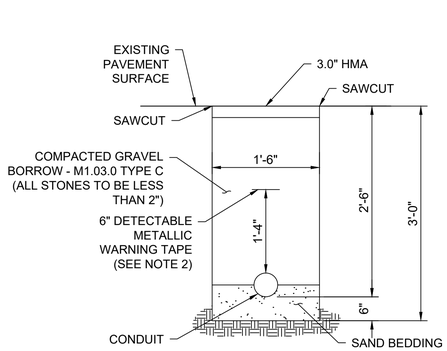


NOTES:

1. SCHEDULE 80 ELECTICAL CONDUIT TYPE NM-PLASTIC (UL.) WITH PULL ROPE UNLESS OTHERWISE APPROVED BY MASSDOT
2. CONTROL DENSITY FILL SHALL MEET THE RE UIREMENTS OF SUBSECTION M4.08.0
3. WARNING TAPE SHALL BE PER CURRENT APWA STANDARDS

CONDUIT CROSSING ROADWAY

NOT TO SCALE

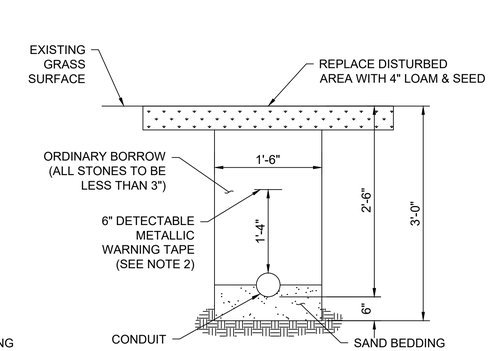


NOTES:

1. SCHEDULE 80 ELECTICAL CONDUIT TYPE NM-PLASTIC (UL.) WITH PULL ROPE UNLESS OTHERWISE APPROVED BY MASSDOT
2. WARNING TAPE SHALL BE PER CURRENT APWA STANDARDS

CONDUIT UNDER SIDEWALK

NOT TO SCALE



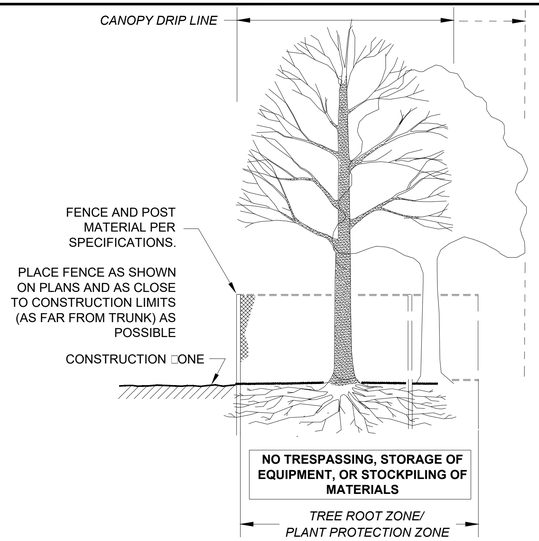
NOTES:

1. SCHEDULE 80 ELECTICAL CONDUIT TYPE NM-PLASTIC (UL.) WITH PULL ROPE UNLESS OTHERWISE APPROVED BY MASSDOT
2. WARNING TAPE SHALL BE PER CURRENT APWA STANDARDS

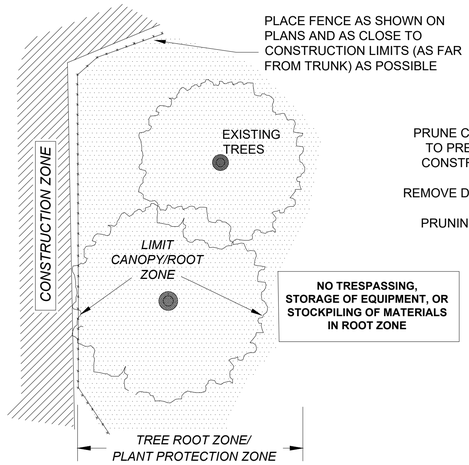
CONDUIT UNDER GRASS AREAS

NOT TO SCALE

608887_HD(DETAILS).DWG Plotted on 29-Oct-2020 11:07 PM

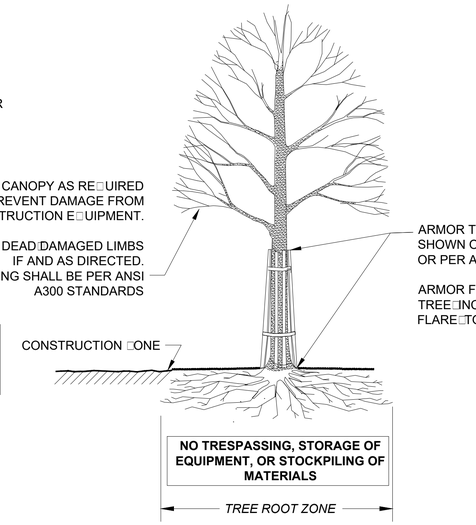


SECTION - FENCE PROTECTION OF ROOT ZONE



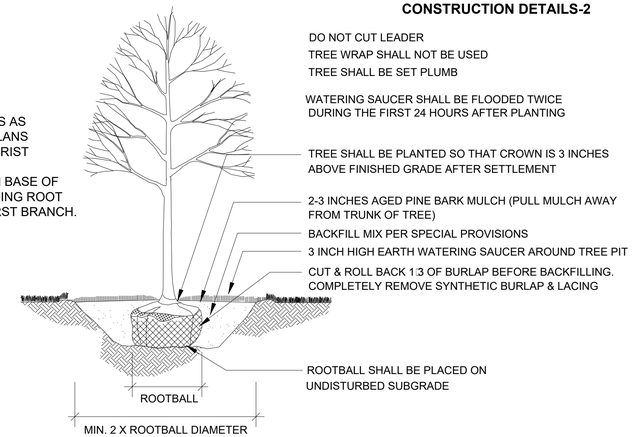
PLAN VIEW - FENCE PROTECTION OF ROOT ZONE

TREE PROTECTION-ROOT □ONE
NOT TO SCALE

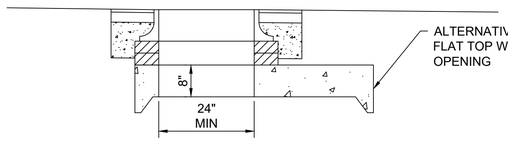


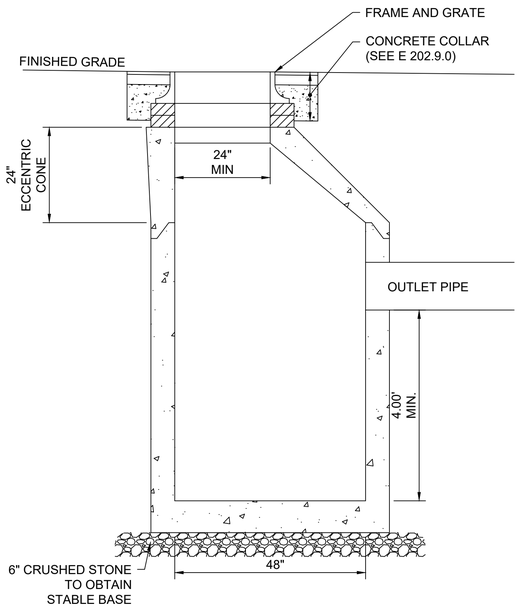
SECTION - TRUNK ARMORING & PRUNING

TREE PROTECTION-TRUNK
NOT TO SCALE

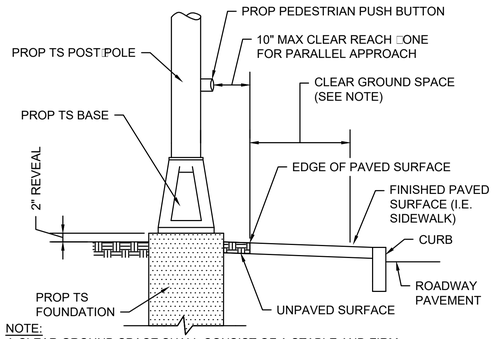


DECIDUOUS TREE PLANTING
NOT TO SCALE





CATCH BASIN WITH OFFSET TOP DETAIL
NOT TO SCALE

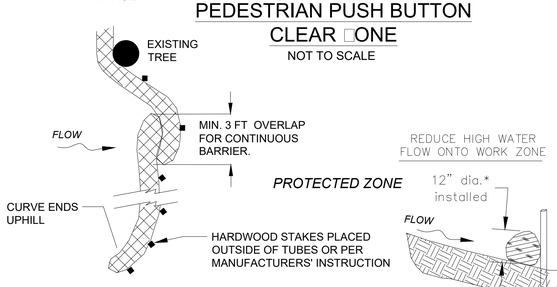


NOTE:
A CLEAR GROUND SPACE SHALL CONSIST OF A STABLE AND FIRM AREA□COMPLYING WITH 521 CMR 6.5 (FORWARD REACH) OR 521 CMR 6.6 (SIDE REACH) AND SHALL BE PROVIDED AT EACH OF THE PEDESTRIAN PUSH BUTTONS. WHERE A PARALLEL APPROACH IS PROVIDED□ PEDESTRIAN PUSH BUTTONS SHALL BE WITHIN TEN INCHES (10") HORI□ONTALLY OF AND CENTERED ON THE CLEAR GROUND SPACE. WHERE A FORWARD APPROACH IS PROVIDED□PEDESTRIAN PUSH BUTTONS SHALL ABUT AND BE CENTERED ON THE CLEAR GROUND SPACE.

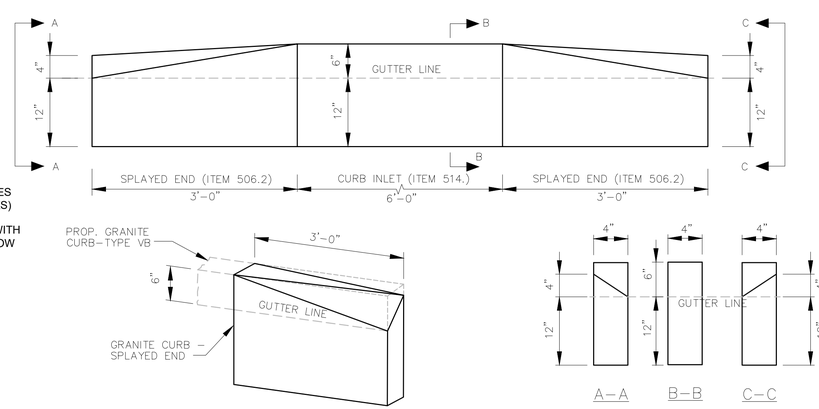
PEDESTRIAN PUSH BUTTON CLEAR □ONE
NOT TO SCALE

NOTES:
1. REMOVE ACCUMULATED SEDIMENTS AS RE□UIRED TO MANTAIN DRAINAGE.
2. INSPECT FABRIC EVERY WEEK DURING CONSTRUCTION.

SILT SACK
NOT TO SCALE



SEDIMENT CONTROL BARRIER
NOT TO SCALE



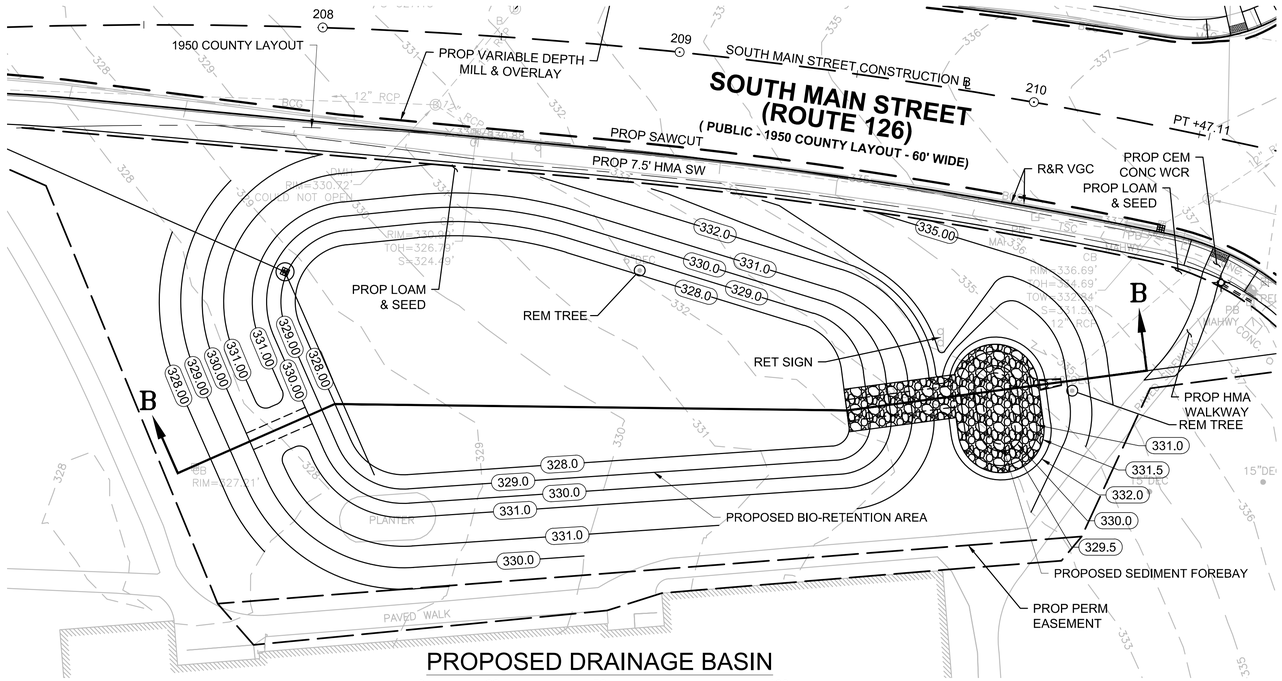
GRANITE CURB TYPE VB - SPLAYED END
NOT TO SCALE

BELLINGHAM
SOUTH MAIN STREET (ROUTE 126)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	74	160
PROJECT FILE NO.	608887		

CONSTRUCTION DETAILS - 3

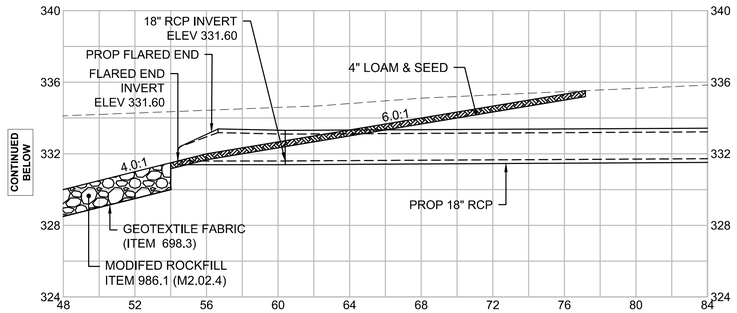
608887_HD(DETAILS).DWG Plotted on 29-Oct-2020 11:11 PM



PROPOSED DRAINAGE BASIN

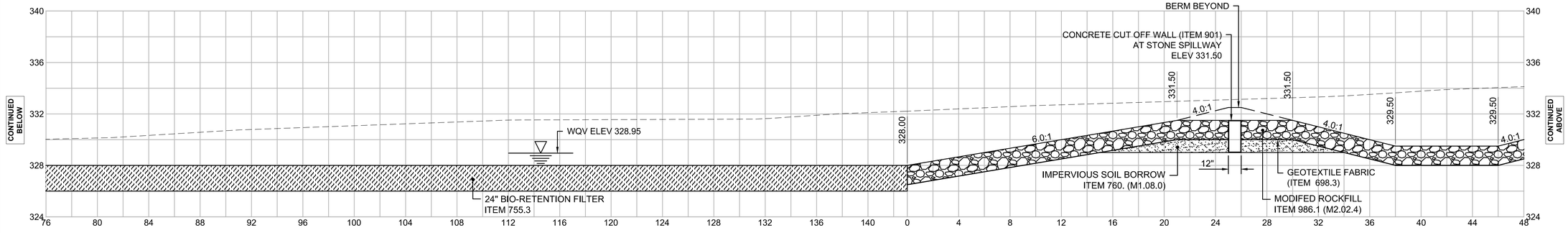
0 20 50 100

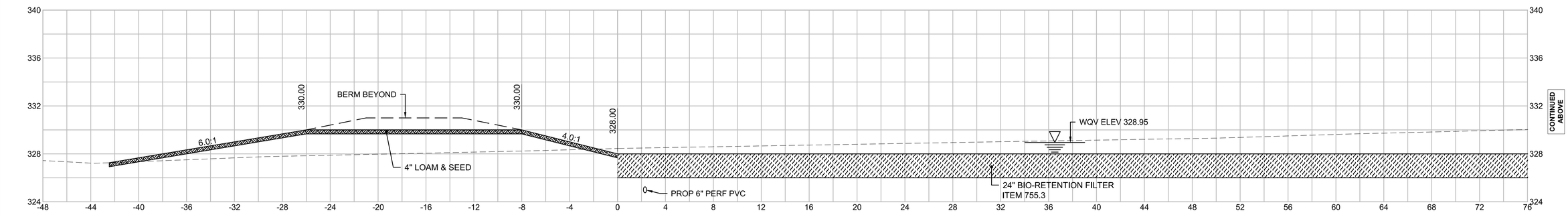
SCALE: 1" = 20'



SECTION B-B (CONTINUED)

HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET





SECTION B-B

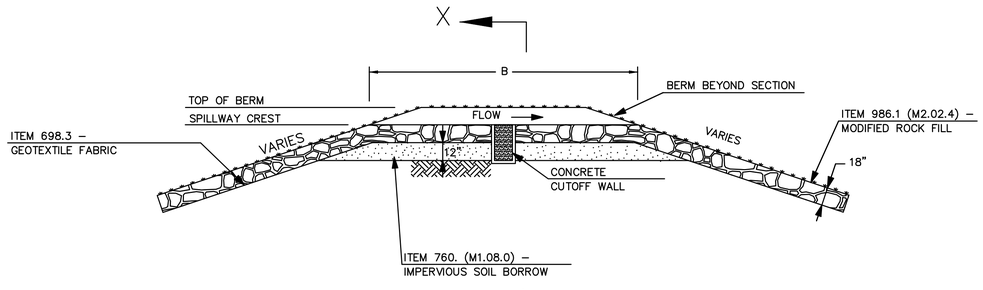
HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

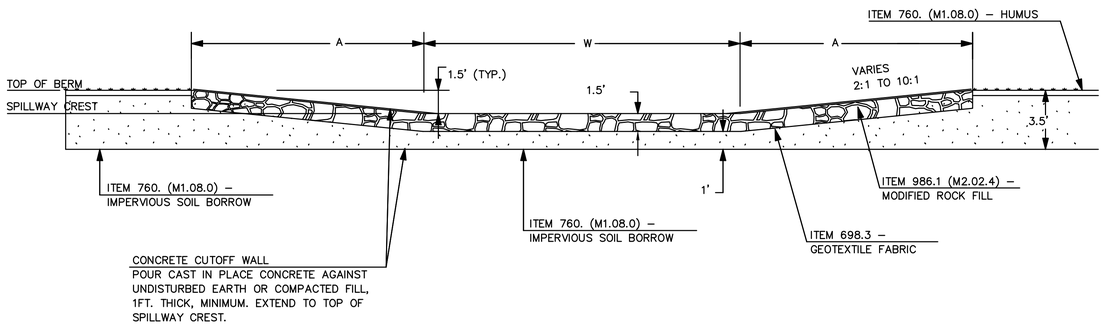
STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	75	160
PROJECT FILE NO.	608887		

CONSTRUCTION DETAILS - 4

608887_HD(DETAILS).DWG Plotted on 29-Oct-2020 11:12 PM

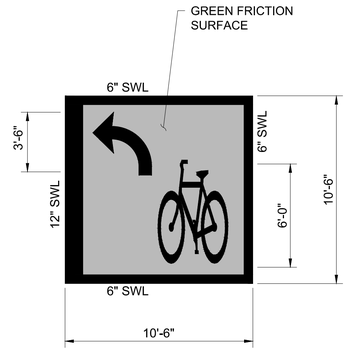
SPILLWAY LAYOUT TABLE						
BASIN	LOCATION	A (FT)	B (FT)	W (FT)	SPILLWAY CREST ELEV.	SPILLWAY TOP OF BERM ELEV.
#1	FOREBAY OUTLET	3.0	9.0	6.0	331.50	333.00



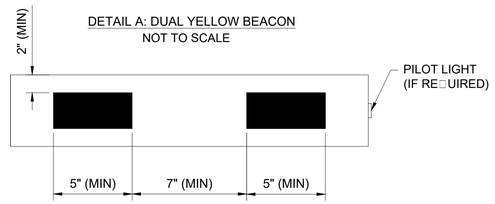


SECTION X–X

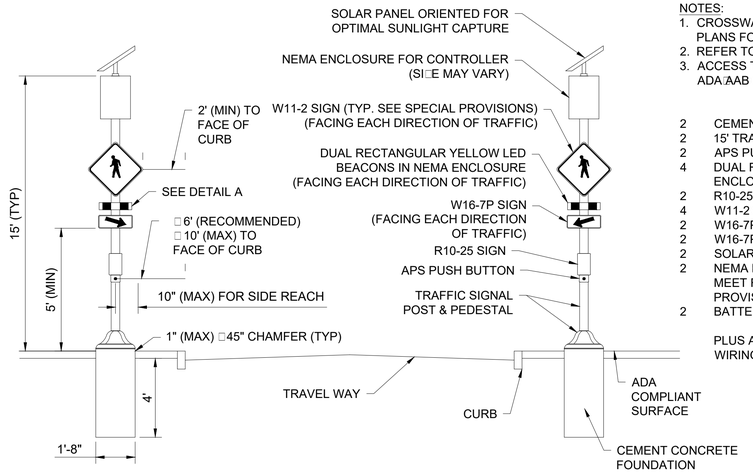
SPILLWAY DETAIL
NOT TO SCALE



TWO STAGE TURN □UEUE BOX
PAVEMENT MARKING
NOT TO SCALE



DETAIL A: DUAL YELLOW BEACON
NOT TO SCALE



RECTANGULAR RAPID FLASHING BEACON DETAIL
NOT TO SCALE

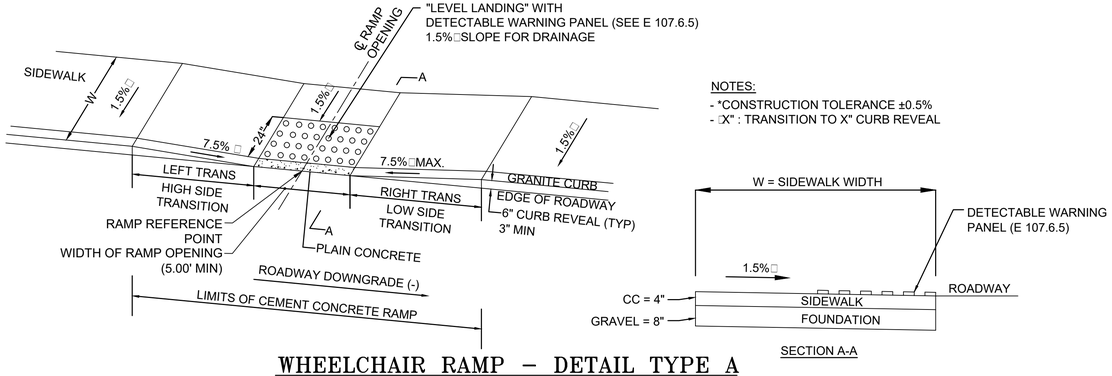
NOTES:
1. CROSSWALK AND ADA-COMPLIANT RAMPS NOT SHOWN. SEE PLANS FOR LOCATIONS.
2. REFER TO THE SIGN SUMMARY SHEET FOR SIGN DIMENSIONS.
3. ACCESS TO ALL PEDESTRIAN ACTUATED CONTROLS SHALL BE ADA□AAB COMPLIANT.

MAJOR ITEMS LIST

2	CEMENT CONCRETE FOUNDATIONS PER 812.30.1
2	15' TRAFFIC SIGNAL POSTS & PEDESTALS
2	APS PUSHBUTTON SYSTEMS
4	DUAL RECTANGULAR YELLOW LED BEACONS IN NEMA ENCLOSURES
2	R10-25 SIGNS
4	W11-2 SIGNS
2	W16-7PR SIGNS
2	W16-7PL SIGNS
2	SOLAR PANEL SYSTEMS
2	NEMA ENCLOSURES FOR ALL COMPONENTS NEEDED TO MEET FUNCTIONAL RE□UIREMENTS PER SPECIAL PROVISIONS
2	BATTERY SYSTEMS

PLUS ALL MOUNTING AND SUPPORTING HARDWARE AND WIRING NECESSARY TO COMPLETE A WORKING SYSTEM.

WHEELCHAIR RAMP & DRIVEWAY DETAILS - 1



NOTES:
- *CONSTRUCTION TOLERANCE ±0.5%
- □X" : TRANSITION TO X" CURB REVEAL

SECTION A-A

WHEELCHAIR RAMP – DETAIL TYPE A

REFER TO MASSDOT STD. DTL. E 107.2.1

N.T.S.

WCR □	ALIGNMENT	RAMP REFERENCE POINT STATION	RAMP REFERENCE POINT OFFSET	WIDTH OF SIDEWALK (W)	WIDTH OF RAMP OPENING MIN 5.0'	ROADWAY GUTTER SLOPE	TRANSITION LENGTH LEFT	TRANSITION LENGTH RIGHT
1	SOUTH MAIN	186+09.59	20.63' RT	5.5'	5.0'	-1.22%	9'-0"	6'-6"
2	SOUTH MAIN	186+09.77	21.88' LT	5.5'	5.0'	1.22%	6'-6"	4'-6" :3"
3	SOUTH MAIN	186+44.38	32.73' RT	5.5'	5.0'	-1.22%	-	9'-0"
5	DOUGLAS DR	20+76.13	16.02' LT	5.0'	5.5'	2.14%	11'-0"	-
9	SOUTH MAIN	189+96.60	24.00' LT	5.5'	5.0'	1.73%	6'-6"	9'-0"
10	SOUTH MAIN	206+44.66	17.00 LT	5.5'	5.0'	3.71%	6'-6"	7'-0" :3"
12	SOUTH MAIN	210+52.25	29.97' LT	5.5'	5.0'	0.36%	6'-6"	3'-10" :3"
13	SOUTH MAIN	210+59.97	29.58' RT	7.5'	5.0'	-1.91%	9'-0"	6'-6"
14	BLACKSTONE	3+85.69	29.84' RT	5.5'	5.0'	-2.56%	7'-3" :3"	6'-6"
15	BLACKSTONE	3+94.10	16.47' LT	5.5'	5.0'	5.95%	-	15'-0"
16	SOUTH MAIN	211+55.29	25.50' LT	5.5'	5.0'	1.12%	6'-6"	9'-0"
17	SOUTH MAIN	211+69.84	26.23' RT	5.5'	5.0'	-1.30%	9'-0"	6'-6"
18	BLACKSTONE	4+98.71	15.36' RT	5.5'	5.0'	-0.29%	7'-8"	6'-6"
19	BLACKSTONE	5+04.46	30.21' LT	5.5'	5.0'	-0.90%	7'-8"	6'-6"
21	SOUTH MAIN	221+37.62	17.00' RT	5.5'	5.0'	-1.01%	9'-0"	3'-3" :3"
28	SOUTH MAIN	232+41.38	33.15' LT	5.5'	5.0'	-0.60%	7'-8"	-
29	SOUTH MAIN	232+74.03	36.56' LT	5.5'	5.0'	0.60%	-	7'-8"
30	SOUTH MAIN	233+29.09	18.00' LT	6.5'	5.0'	-0.60%	7'-8"	6'-6"
32	SOUTH MAIN	240+03.00	30.42' RT	7.3'	5.0'	-2.05%	6'-6"	11'-0"
33	SOUTH MAIN	240+39.85	33.13' RT	5.5'	5.0'	-2.05%	11'-0"	-
34	SOUTH MAIN	241+84.46	18.00' LT	6.5'	5.0'	-3.39%	14'-0"	6'-6"
35	SOUTH MAIN	241+84.46	18.00' RT	5.5'	5.0'	3.39%	6'-6"	7'-0" :3"
43	SOUTH MAIN	249+15.71	25.13' RT	5.5'	5.0'	5.80%	6'-6"	15'-0"

NO DETECTABLE WARNING PANEL

GENERAL WHEELCHAIR RAMP NOTES:

1. ALL WHEELCHAIR RAMPS SHALL CONFORM TO THE RE□UIREMENTS OF THE MASSACHUSETTS ARCHITECTURAL ACCESS BOARD (AAB)□THE AMERICAN WITH DISABILITIES ACT (ADA) AND THE LATEST MASSDOT HIGHWAY DIVISION WHEELCHAIR RAMP STANDARDS.

2. THE LOCATIONS OF THE PROPOSED WHEELCHAIR RAMPS ARE SHOWN ON THE CONSTRUCTION PLANS.

3. PROPOSED WHEELCHAIR RAMP SLOPES SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO THE POURING OF CONCRETE□AND BE ADJUSTED□IF NECESSARY□TO CONFORM TO THE LATEST ADAAG□PROWAG□MAAB STANDARDS□AS DIRECTED BY THE ENGINEER.

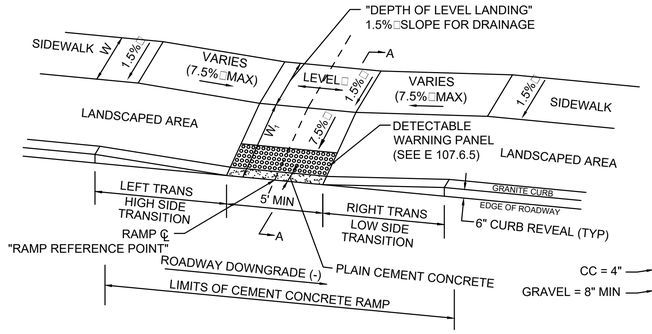
4. ALL PROPOSED CURB FOR WHEELCHAIR RAMP TRANSITIONS SHALL BE CUT AND TRANSITIONED AS NECESSARY TO PROVIDE THE CORRECT TRANSITION LENGTHS FOR EACH WHEELCHAIR RAMP□AS SHOWN ON THE WHEELCHAIR RAMP DETAILS OR AS DIRECTED BY THE ENGINEER. ANY EXISTING CURB INLETS IN AREAS OF NEW WHEELCHAIR RAMP TRANSITIONS SHALL BE REMOVED AND REPLACED WITH APPROPRIATE TRANSITION CURB AS DIRECTED BY THE ENGINEER.

5. IN NO CASE□EXCEPT FOR MAXIMUM LENGTH HIGH SIDE TRANSITIONS (SLOPES GREATER THAN 4%) SHALL ANY TRANSITION SLOPE OF ANY WHEELCHAIR RAMP EXCEED 7.5%.

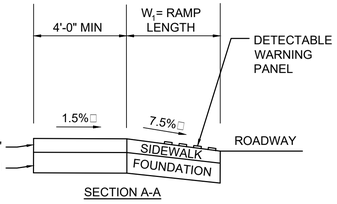
6. WHEN PLACEMENT OF THE PROPOSED WHEELCHAIR RAMP IS SUCH THAT IT IS UNAVOIDABLE FOR EXISTING STRUCTURES□THAT CANNOT BE MOVED OR RESET□TO BE WITHIN THE WHEELCHAIR RAMP□EXTREME CARE SHALL BE TAKEN SUCH THAT THE EXISTING STRUCTURE IS WITHIN THE RAMP TRANSITIONS ONLY□IF POSSIBLE□WHEN THE NEW WHEELCHAIR RAMP IS PLACED AND THAT A FOUR FOOT WIDE (MIN) CLEAR PATH OF TRAVEL EXISTS BETWEEN THE EXISTING STRUCTURE AND EITHER THE CURBLINE OR THE BACK OF THE SIDEWALK□AS DIRECTED BY THE ENGINEER.

7. IN RARE INSTANCES WHERE AN EXISTING MANHOLE□HANDHOLE OR OTHER EXISTING "SURFACE" TYPE STRUCTURE WHICH CANNOT BE REMOVED OR RESET□IS WITHIN THE ACTUAL WHEELCHAIR RAMP PATH□THE STRUCTRE SHALL BE CAREFULLY ADJUSTED SUCH THAT THE TOPMOST SURFACE OF THE STRUCTURE COVER SHALL BE FLUSH WITH THE NEW RAMP SURFACE AND SHALL MATCH THE SLOPE OF THE NEW WHEELCHAIR RAMP EXACTLY□AS DIRECTED BY THE ENGINEER.

8. ALL WHEELCHAIR RAMPS WITHIN THE PROJECT LIMITS□EXCEPT AS NOTED□SHALL HAVE DETECTABLE WARNING PANELS INSTALLED IN ACCORDANCE WITH MASSDOT STANDARD DRAWING E 107.6.5.



NOTES:
- *CONSTRUCTION TOLERANCE ±0.5%
- □X" : TRANSITION TO X" REVEAL
- □□TRANS CURB ONLY□NO SW PRESENT

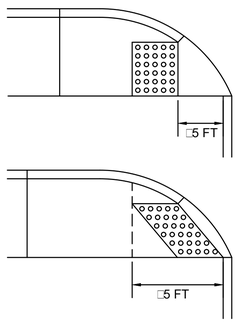


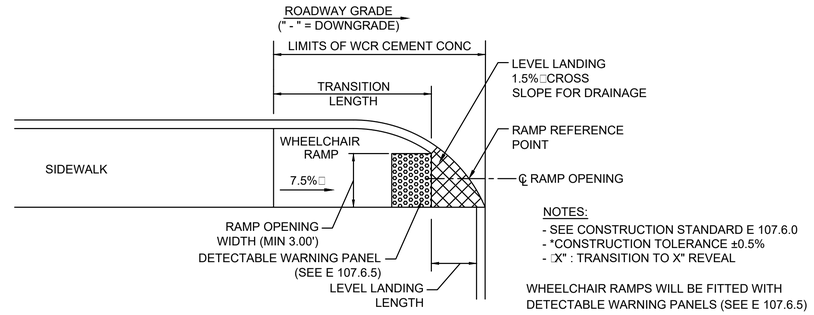
SECTION A-A

WHEELCHAIR RAMP WITH LANDSCAPING STRIP

N.T.S.

WCR □	ALIGNMENT	RAMP REFERENCE POINT STATION	RAMP REFERENCE POINT OFFSET	LENGTH OF PRIMARY RAMP (W1)	WIDTH OF SIDEWALK (W)	WIDTH OF RAMP OPENING MIN 5.0'	DEPTH OF LEVEL LANDING MIN 4.0'	ROADWAY GUTTER SLOPE	TRANSITION LENGTH LEFT	TRANSITION LENGTH RIGHT
4	SOUTH MAIN	187+00.64	34.85' RT	3.5'	5.0'	5.0'	5.0'	-1.22%	11'-0"	7'-8"
7	SOUTH MAIN	189+69.06	34.97' RT	3.5'	5.0'	5.0'	5.0'	-3.75%	14'-0"	6'-6"
8	SOUTH MAIN	189+96.60	21.00' RT	3.5'	5.0'	5.0'	5.0'	-1.73%	9'-0"	6'-6"
20	SOUTH MAIN	221+37.58	17.00' LT	3.5'	5.0'	5.0'	5.0'	1.01%	3'-3"	4'-6"
22	SOUTH MAIN	221+56.41	25.56' LT	3.5'	5.0'	5.0'	5.0'	-1.01%	4'-6" :3"	6'0"□□
23	SOUTH MAIN	221+92.86	25.95' LT	4.9'	5.0'	5.0'	5.0'	1.01%	6'-6" :3"	9'-0" :3"
26	SOUTH MAIN	229+55.28	32.00' RT	3.5'	5.0'	5.0'	5.0'	0.18%	6'-0"	7'-8"
27	SOUTH MAIN	229+95.97	32.00' RT	3.5'	5.0'	5.0'	5.0'	-0.18%	7'-8"	6'-6"
31	SOUTH MAIN	233+29.09	18.00' RT	3.5'	5.0'	5.0'	5.0'	0.60%	6'-6"	7'-8"





NOTES:
- SEE CONSTRUCTION STANDARD E 107.6.0
- *CONSTRUCTION TOLERANCE ±0.5%
- □X" : TRANSITION TO X" REVEAL

WHEELCHAIR RAMPS WILL BE FITTED WITH DETECTABLE WARNING PANELS (SEE E 107.6.5)

WHEELCHAIR RAMP FOR ONE CONTINUOUS DIRECTION OF PEDESTRIAN TRAVEL

REFER TO MASSDOT STD. DTL. E 107.6.0

N.T.S.

WCR □	ALIGNMENT	RAMP REFERENCE POINT STATION	RAMP REFERENCE POINT OFFSET	LEVEL LANDING LENGTH	RAMP OPENING WIDTH	TRANSITION GUTTER GRADE	TRANSITION LENGTH
24	SOUTH MAIN	221+97.40	19.87' RT	6.32'	4.00'	1.01%	6'-6"
25	SOUTH MAIN	222+30.07	22.73' RT	4.70'	5.00'	-1.52%	9'-0"
36	SOUTH MAIN	206+17.72	23.28' RT	2.54'	5.00'	3.75%	6'-6"
38	SOUTH MAIN	238+69.71	20.43' LT	5.03'	4.00'	-1.59%	9'-0"
39	SOUTH MAIN	239+06.99	22.14' LT	1.15'	4.00'	1.89%	6'-6"
40	SOUTH MAIN	241+13.48	22.30' LT	5.03'	4.00'	-2.25%	11'-0"
41	SOUTH MAIN	241+51.81	21.96' LT	5.03'	4.00'	3.36%	6'-6"

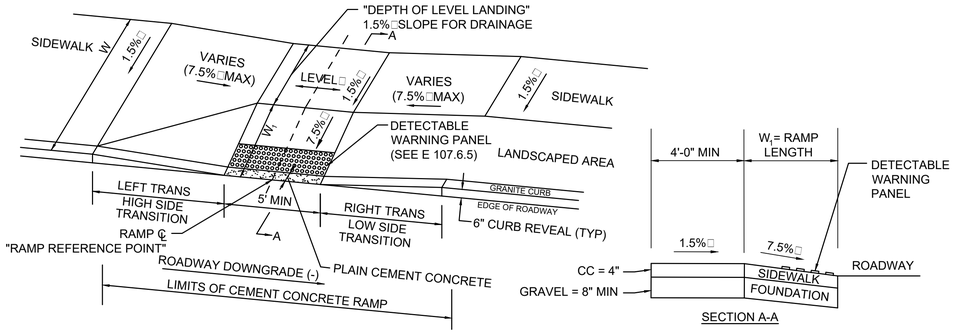
608887_HD(WCR_DETAILS).DWG Plotted on 29-Oct-2020 11:12 PM

BELLINGHAM
SOUTH MAIN STREET (ROUTE 126)

FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
-	77	160
PROJECT FILE NO.	608887	

WHEELCHAIR RAMP & DRIVEWAY DETAILS -2

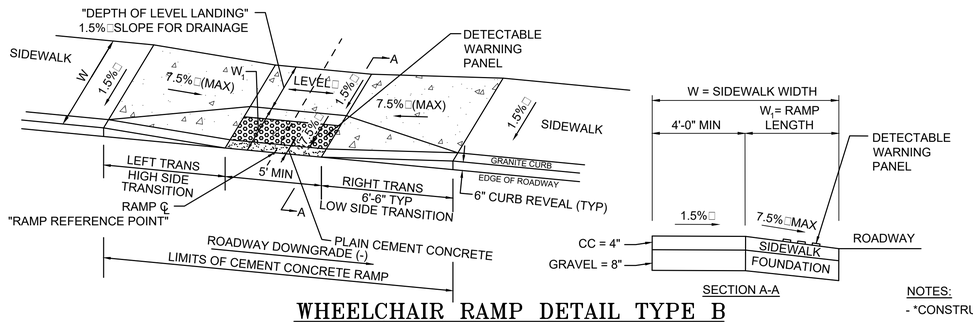
608887_HD\WCR_DETAILS.DWG Plotted on 29-Oct-2020 11:13 PM



WHEELCHAIR RAMP #6 DETAIL

N.T.S.

WCR □	ALIGNMENT	RAMP REFERENCE POINT		LENGTH OF PRIMARY RAMP (W1)	WIDTH OF SIDEWALK (W)	WIDTH OF RAMP OPENING MIN 5.0'	DEPTH OF LEVEL LANDING MIN 4.0'	ROADWAY GUTTER SLOPE	TRANSITION LENGTH	
		STATION	OFFSET						LEFT	RIGHT
6	SOUTH MAIN	189+32.81	33.61' RT	3.5'	5.0'	5.0'	5.0'	2.79%	6'-6"	11'-00"



WHEELCHAIR RAMP DETAIL TYPE B

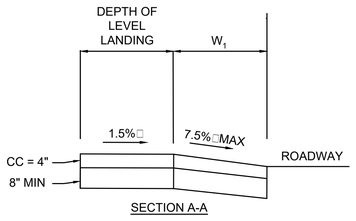
REFER TO MASSDOT STD. DTL. E 107.2.0

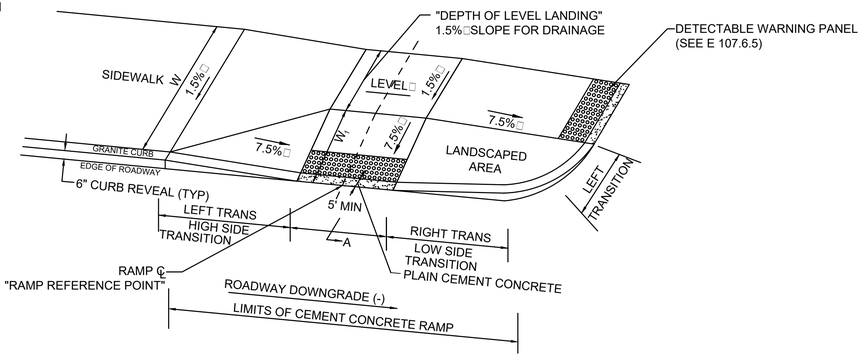
N.T.S.

NOTES:
- *CONSTRUCTION TOLERANCE ±0.5%

WCR □	ALIGNMENT	RAMP REFERENCE POINT		LENGTH OF PRIMARY RAMP (W1)	WIDTH OF SIDEWALK (W)	WIDTH OF RAMP OPENING MIN 5.0'	DEPTH OF LEVEL LANDING MIN 4.0'	ROADWAY GUTTER SLOPE	TRANSITION LENGTH	
		STATION	OFFSET						LEFT	RIGHT
42	SOUTH MAIN	249+16.68	16.48' LT	3.0'	8.1'	5.0'	5.1'	-5.60%	15'-0"	6'-6"

NOTES:
HSL HIGH SIDE FRONT TRANSITION LENGTH (SEE E 107.9.0)
W SIDEWALK WIDTH
CC CEMENT CONCRETE
HMA HOT MIX ASPHALT
* TOLERANCE FOR CONSTRUCTION ±0.5%
□X" TRANSITION TO X" CURB REVEAL

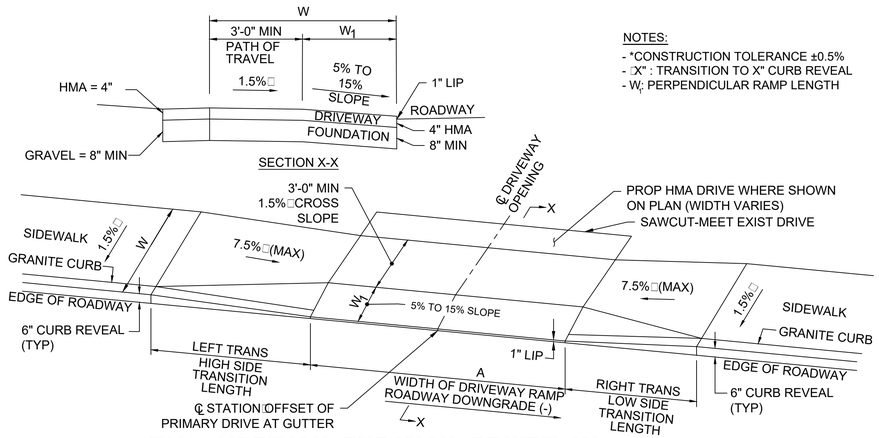




WHEELCHAIR RAMP #11 & #37 DETAIL

N.T.S.

WCR □	ALIGNMENT	RAMP REFERENCE POINT		LENGTH OF PRIMARY RAMP (W1)	WIDTH OF SIDEWALK (W)	WIDTH OF RAMP OPENING MIN 5.0'	DEPTH OF LEVEL LANDING MIN 4.0'	ROADWAY GUTTER SLOPE	TRANSITION LENGTH	
		STATION	OFFSET						LEFT	RIGHT
11	SOUTH MAIN	206+60.43	17.00' RT	3.5'	5.0'	8.5'	5.0'	3.71%	14'-0"	3'-3"+3"
37	SOUTH MAIN	206+45.32	23.00' RT		5.0'	8.5'		3.73%	3'-0"+3"	-



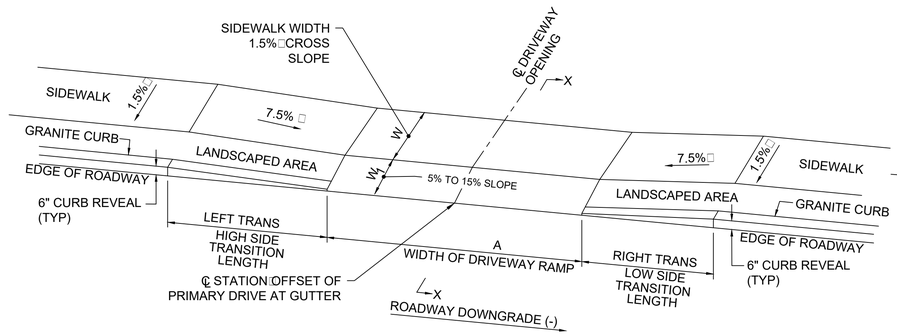
NOTES:
- *CONSTRUCTION TOLERANCE ±0.5%
- □"X" : TRANSITION TO X" CURB REVEAL
- W_1: PERPENDICULAR RAMP LENGTH

HMA SIDEWALK THROUGH DRIVEWAYS

REFER TO MASSDOT STD. DTL. E 107.7.0

NOT TO SCALE

DWY □	ALIGNMENT	DWY REFERENCE POINT ℄		LENGTH OF PRIMARY RAMP (W_1)	PATH OF TRAVEL (MIN 3.00')	WIDTH OF DRIVEWAY RAMP (A)	ROADWAY GUTTER	TRANSITION LENGTH	
		STATION	OFFSET					LEFT	RIGHT
1	SOUTH MAIN	182+84.18	16.43' LT	0.0'	5.5'	12.10'	1.56%	6'-6"	4'-6"□3"
2	SOUTH MAIN	183+15.24	16.92' LT	0.0'	5.5'	18.36'	1.56%	3'-3"□3"	9'-0"
3	SOUTH MAIN	183+87.58	17.00' RT	0.0'	5.5'	20.61'	- 1.56%	9'-0"	6'-6"
4	SOUTH MAIN	183+88.18	17.00' LT	0.0'	5.5'	21.58'	1.56%	6'-6"	9'-0"
5	SOUTH MAIN	184+61.41	17.72' RT	0.0'	5.5'	17.91'	- 1.39%	9'-0"	6'-6"
6	SOUTH MAIN	184+74.47	18.00' LT	0.0'	5.5'	12.00'	1.39%	6'-6"	9'-0"
7	SOUTH MAIN	185+24.66	19.33' RT	0.0'	5.5'	11.94'	- 1.39%	9'-0"	6'-6"
8	SOUTH MAIN	185+57.78	20.12' LT	0.0'	5.5'	12.00'	1.39%	6'-6"	9'-0"
9	SOUTH MAIN	186+36.24	22.90' LT	0.0'	5.5'	20.00'	1.22%	3'-3"□3"	9'-0"
11	SOUTH MAIN	188+22.41	24.00' LT	0.0'	5.5'	12.00'	1.73%	6'-6"	9'-0"
12	SOUTH MAIN	188+97.71	24.00' LT	0.0'	5.5'	15.00'	1.73%	6'-6"	9'-0"
14	SOUTH MAIN	192+82.03	19.06' LT	0.0'	5.5'	12.56'	1.43%	6'-6"	9'-0"
16	SOUTH MAIN	193+55.48	17.00' LT	0.0'	5.5'	15.63'	1.43%	6'-6"	9'-0"
18	SOUTH MAIN	194+62.00	17.00' LT	0.0'	5.5'	23.91'	0.91%	6'-6"	7'-8"
20	SOUTH MAIN	196+73.49	17.00' LT	0.0'	5.5'	37.70'	0.81%	6'-6"	7'-8"
25	SOUTH MAIN	202+26.46	17.00 LT	0.0'	5.5'	12.55'	2.32%	6'-6"	5'-6"□3"
26	SOUTH MAIN	202+65.31	17.00' LT	0.0'	5.5'	24.39'	2.88%	3'-3"□3"	11'-0"
28	SOUTH MAIN	205+16.68	17.00' LT	0.0'	5.5'	30.31'	3.71%	6'-6"	14'-0"
29	SOUTH MAIN	205+81.68	17.00' LT	0.0'	5.5'	40.77'	3.71%	6'-6"	14'-0"
30	SOUTH MAIN	206+76.77	17.00' LT	0.0'	5.5'	31.50'	3.71%	3'-3"□3"	14'-0"
31	SOUTH MAIN	207+28.34	17.00' LT	0.0'	5.5'	23.97'	3.71%	6'-6"	14'-0"
32	SOUTH MAIN	208+26.61	17.10' LT	0.0'	5.5'	37.92'	3.48%	6'-6"	14'-0"
33	SOUTH MAIN	212+13.14	25.50' LT	0.0'	5.5'	41.97'	0.90%	6'-6"	7'-8"
34	SOUTH MAIN	212+64.54	18.50' RT	0.0'	5.5'	15.60'	- 1.30%	9'-0"	6'-6"
35	SOUTH MAIN	213+62.43	23.67' LT	0.0'	5.5'	17.21'	1.30%	6'-6"	9'-0"
36	SOUTH MAIN	214+02.26	18.12 RT	0.0'	5.5'	41.64'	- 1.10%	9'-0"	6'-6"
37	SOUTH MAIN	214+07.42	19.47' LT	0.0'	5.5'	15.00'	1.10%	6'-6"	9'-0"
38	SOUTH MAIN	215+00.00	16.78 LT	0.0'	5.5'	32.59'	1.10%	6'-6"	9'-0"
39	SOUTH MAIN	215+06.17	17.14 RT	0.0'	5.5'	15.00'	- 1.10%	9'-0"	6'-6"
40	SOUTH MAIN	215+86.86	17.00 RT	0.0'	5.5'	13.82'	- 1.10%	9'-0"	6'-6"
41	SOUTH MAIN	216+23.50	17.00 RT	0.0'	5.5'	13.55'	- 0.50%	7'-8"	6'-6"
43	SOUTH MAIN	217+28.98	17.00 RT	0.0'	5.5'	11.62'	- 0.50%	7'-8"	6'-6"
45	SOUTH MAIN	218+65.34	17.00 RT	0.0'	5.5'	14.28'	- 0.50%	7'-8"	6'-6"
47	SOUTH MAIN	220+23.76	17.00 RT	0.0'	5.5'	15.54'	- 1.01%	9'-0"	6'-6"
49	SOUTH MAIN	220+80.35	17.00 RT	0.0'	5.5'	18.76'	- 1.01%	8'-6" □	6'-6"
50	SOUTH MAIN	221+10.25	17.00 RT	0.0'	5.5'	24.12'	- 1.01%	4'-6"□3"	8'-6" □
52	SOUTH MAIN	222+86.69	17.00' LT	0.0'	5.5'	20.29'	1.52%	6'-6"	9'-0"
53	SOUTH MAIN	223+33.33	17.00' LT	0.0'	5.5'	16.44'	1.52%	6'-6"	9'-0"
55	SOUTH MAIN	224+13.38	17.00' LT	0.0'	5.5'	21.08'	1.23%	6'-6"	9'-0"
56	SOUTH MAIN	224+85.21	17.00' LT	0.0'	5.5'	21.81'	1.23%	6'-6"	9'-0"
59	SOUTH MAIN	226+89.40	17.00' LT	0.0'	5.5'	24.00'	0.95%	6'-6"	7'-8"
60	SOUTH MAIN	227+68.19	17.00' LT	0.0'	5.5'	24.00'	0.95%	6'-6"	7'-8"
62	SOUTH MAIN	228+70.55	17.00' LT	0.0'	5.5'	24.00'	0.95%	6'-6"	7'-8"
64	SOUTH MAIN	230+75.96	17.00' LT	0.0'	5.5'	20.00'	0.18%	6'-6"	7'-8"
65	SOUTH MAIN	231+43.34	17.00' LT	0.0'	5.5'	17.28'	- 0.18%	7'-8"	6'-6"
66	SOUTH MAIN	232+15.26	17.00' LT	0.0'	5.5'	14.79'	-0.60%	7'-8"	6'-6"
68	SOUTH MAIN	232+98.19	18.00' LT	0.0'	6.5'	20.60'	-0.60%	7'-8"	6'-6"
69	SOUTH MAIN	233+69.56	18.00' LT	0.0'	6.5'	19.47'	-0.60%	7'-8"	6'-6"
71	SOUTH MAIN	235+30.54	18.00' LT	0.0'	6.5'	12.13'	-0.60%	7'-8"	6'-6"
73	SOUTH MAIN	235+84.45	18.00' LT	0.0'	6.5'	17.08'	-0.60%	7'-8"	6'-6"
75	SOUTH MAIN	237+34.70	18.00' LT	0.0'	6.5'	20.13'	-1.33%	9'-0"	6'-6"



HMA SIDEWALK THROUGH DRIVEWAY WITH LANDSCAPING STRIP

NOT TO SCALE

DWY □	ALIGNMENT	RAMP REFERENCE POINT		LENGTH OF PRIMARY RAMP (W1)	WIDTH OF SIDEWALK (W)	WIDTH OF DRIVEWAY RAMP (A)	ROADWAY GUTTER SLOPE	TRANSITION LENGTH	
		STATION	OFFSET					LEFT	RIGHT
10	SOUTH MAIN	187+94.18	21.00' RT	3.50'	5.0'	29.87'	- 1.73%	9'-0"	6'-6"
13	SOUTH MAIN	192+46.18	18.72' RT	3.50'	5.0'	16.32'	- 1.43%	9'-0"	6'-6"
15	SOUTH MAIN	193+16.35	17.00' RT	3.50'	5.0'	17.06'	- 1.43%	9'-0"	6'-6"
17	SOUTH MAIN	194+04.84	17.00' RT	3.50'	5.0'	31.16'	- 1.43%	9'-0"	6'-6"
19	SOUTH MAIN	195+37.21	17.00' RT	3.50'	5.0'	15.32'	- 0.81%	7'-8"	6'-6"
21	SOUTH MAIN	196+85.22	17.00' RT	3.50'	5.0'	17.40'	- 0.81%	7'-8"	6'-6"
22	SOUTH MAIN	197+83.06	17.00' RT	3.50'	5.0'	16.22'	- 0.81%	7'-8"	6'-6"
23	SOUTH MAIN	198+87.11	17.00' RT	3.50'	5.0'	17.37'	- 0.81%	7'-8"	6'-6"
24	SOUTH MAIN	200+48.55	17.00' RT	3.50'	5.0'	18.53'	- 1.44%	9'-0"	6'-6"
27	SOUTH MAIN	204+57.79	17.00' RT	3.50'	5.0'	18.35'	- 2.88%	11'-0"	6'-6"
42	SOUTH MAIN	216+21.00	17.00' LT	3.50'	5.0'	37.93'	0.50%	6'-6"	7'-8"
44	SOUTH MAIN	218+43.25	17.00' LT	3.50'	5.0'	20.33'	0.50%	6'-6"	7'-8"
46	SOUTH MAIN	219+33.88	17.00' LT	3.50'	5.0'	21.73'	0.50%	6'-6"	7'-8"
48	SOUTH MAIN	220+56.98	17.00' LT	3.50'	5.0'	14.75'	1.01%	6'-6"	9'-0"
51	SOUTH MAIN	221+16.24	17.00' LT	3.50'	5.0'	14.25'	1.01%	6'-6"	4'-6"□3"
54	SOUTH MAIN	223+74.61	17.00' RT	3.50'	5.0'	22.36'	- 1.23%	9'-0"	6'-6"
57	SOUTH MAIN	225+41.55	17.00' RT	3.50'	5.0'	13.95'	- 1.23%	9'-0"	6'-6"
58	SOUTH MAIN	226+12.30	17.00' RT	3.50'	5.0'	15.32'	- 1.23%	9'-0"	6'-6"
61	SOUTH MAIN	227+90.97	17.00' RT	3.50'	5.0'	15.58'	- 0.95%	7'-8"	6'-6"
63	SOUTH MAIN	228+80.68	17.00' RT	3.50'	5.0'	12.59'	- 0.95%	7'-8"	6'-6"
67	SOUTH MAIN	232+56.57	17.67' RT	3.50'	5.0'	19.56'	0.60%	6'-6"	7'-8"
70	SOUTH MAIN	233+87.58	18.00' RT	3.50'	5.0'	22.67'	0.60%	6'-6"	7'-8"
72	SOUTH MAIN	235+42.28	18.00' RT	3.50'	5.0'	28.51'	0.60%	6'-6"	7'-8"
74	SOUTH MAIN	236+62.49	18.00' RT	3.50'	5.0'	12.93'	0.60%	6'-6"	7'-8"
76	SOUTH MAIN	238+00.00	18.00' RT	3.50'	5.0'	30.97'	1.33%	6'-6"	9'-0"
77	SOUTH MAIN	239+01.16	18.00' RT	3.50'	5.0'	32.87'	1.33%	6'-6"	9'-0"

NOTE:
- □□DRIVEWAY WITH TYPE A CURB CORNER

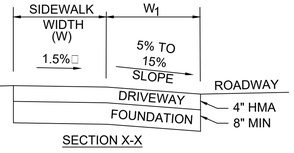
HMA SIDEWALK THROUGH DRIVEWAYS (CONTINUED)

DWY □	ALIGNMENT	DWY REFERENCE POINT ℄		LENGTH OF PRIMARY RAMP (W_1)	PATH OF TRAVEL (MIN 3.00')	WIDTH OF DRIVEWAY RAMP (A)	ROADWAY GUTTER	TRANSITION LENGTH	
		STATION	OFFSET					LEFT	RIGHT
78	SOUTH MAIN	241+21.37	18.00' RT	0.0'	5.5'	19.23'	3.38%	3'-3"□3"	14'-0"
79	SOUTH MAIN	241+53.44	18.00' RT	0.0'	5.5'	17.06'	3.38%	3'-3"□3"	7'-0"□3"
80	SOUTH MAIN	242+61.36	18.00' RT	0.0'	5.5'	22.16'	4.72%	6'-6"	15'-0"
81	SOUTH MAIN	243+68.28	18.00' RT	0.0'	5.5'	22.47'	4.72%	6'-6"	15'-0"
82	SOUTH MAIN	244+41.66	18.00' LT	0.0'	6.5'	22.70'	-4.72%	15'-0"	6'-6"
83	SOUTH MAIN	244+97.34	18.00' RT	0.0'	5.5'	24.30'	4.72%	6'-6"	15'-0"
84	SOUTH MAIN	245+20.20	18.00 LT	0.0'	6.5'	17.84'	-4.72%	15'-0"	6'-6"
85	SOUTH MAIN	246+19.68	18.00' RT	0.0'	5.5'	19.48'	3.58%	6'-6"	14'-0"
86	SOUTH MAIN	246+62.78	18.00 RT	0.0'	5.5'	18.37'	3.58%	6'-6"	14'-0"
87	SOUTH MAIN	247+05.35	18.00 LT	0.0'	6.5'	29.82'	-3.58%	14'-0"	6'-6"
88	SOUTH MAIN	247+50.44	18.00 RT	0.0'	5.5'	18.47'	3.58%	6'-6"	14'-0"
89	SOUTH MAIN	248+09.24	18.90 RT	0.0'	5.5'	18.71'	3.34%	3'-6"□3"	14'-0"
90	SOUTH MAIN	248+37.88	17.36 LT	0.0'	6.5'	24.01'	-3.34%	14'-0"	6'-6"
91	SOUTH MAIN	248+41.17	20.20 RT	0.0'	5.5'	14.95'	3.34%	6'-6"	7'-6"□3"
92	EAST STREET	10+83.22	19.40 RT	0.0'	5.5'	16.38'	3.70%	-	14'-0"

BELLINGHAM
SOUTH MAIN STREET (ROUTE 126)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	78	160
PROJECT FILE NO.		608887	

WHEELCHAIR RAMP & DRIVEWAY DETAILS - 3



NOTES:
- *CONSTRUCTION TOLERANCE ±0.5%
- □"X" : TRANSITION TO X" CURB REVEAL
- W: PERPENDICULAR RAMP LENGTH

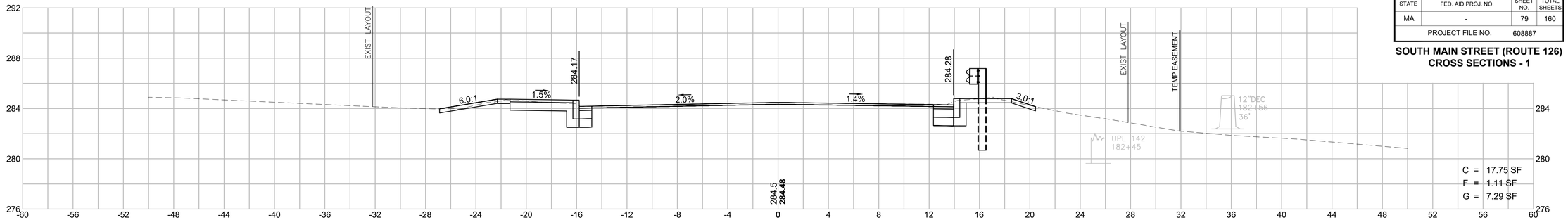
608887_HDWCR_DETAILS.DWG Plotted on 29-Oct-2020 11:13 PM

BELLINGHAM
SOUTH MAIN STREET (ROUTE 126)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	79	160
PROJECT FILE NO.	608887		

SOUTH MAIN STREET (ROUTE 126)
CROSS SECTIONS - 1

182+50



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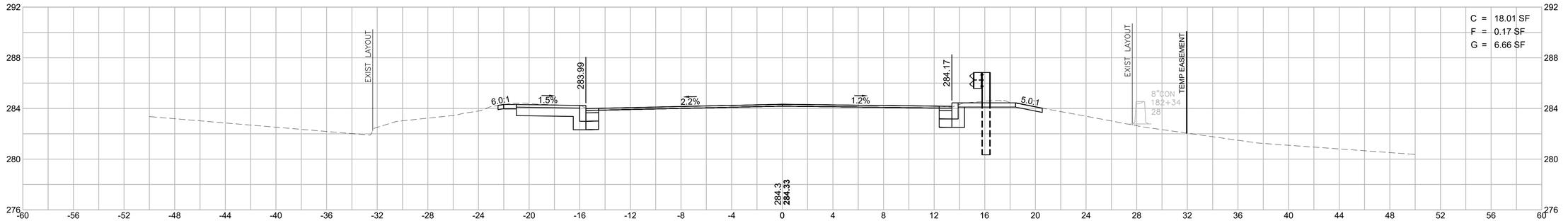
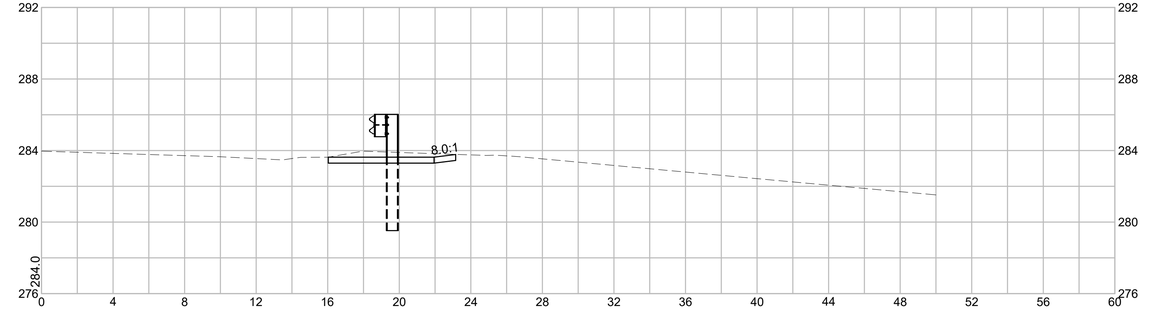


182+00

181+88.15



HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

608887_HD\XS-ROUTE_126).DWG Plotted on 30-Oct-2020 9:41 AM

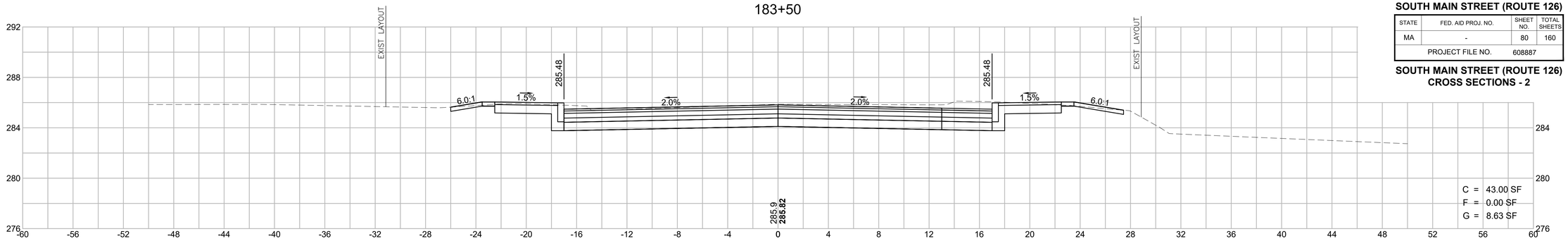
BELLINGHAM
SOUTH MAIN STREET (ROUTE 126)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	80	160
PROJECT FILE NO.	608887		

SOUTH MAIN STREET (ROUTE 126)
CROSS SECTIONS - 2

608887_HD\XS-ROUTE_126).DWG Plotted on 30-Oct-2020 9:42 AM

183+50



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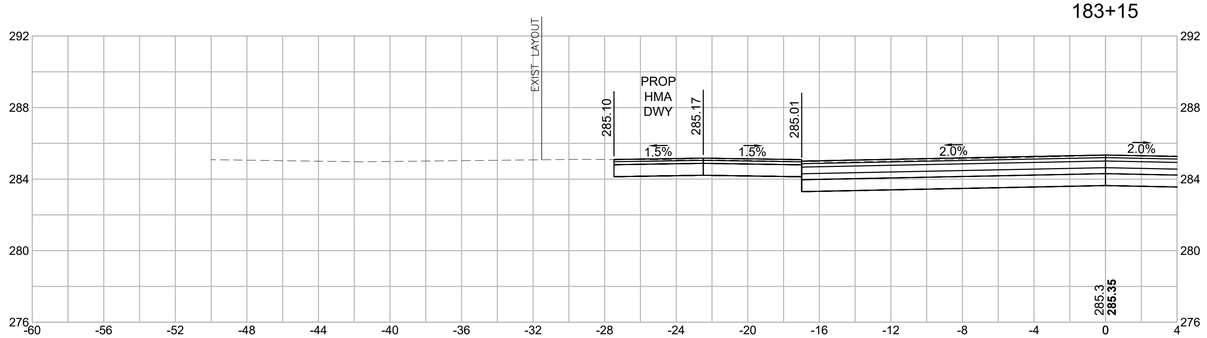

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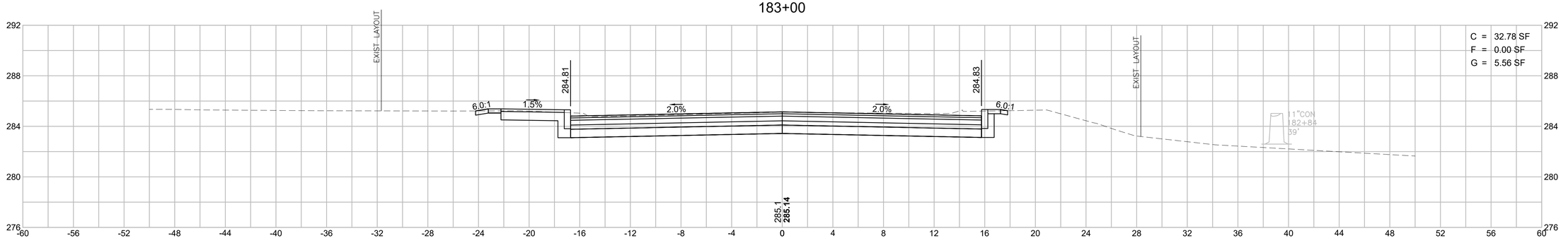

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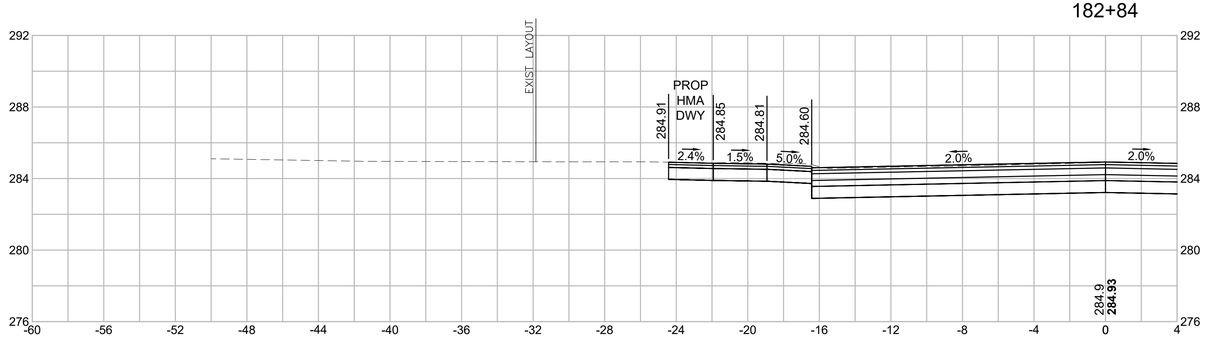


HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

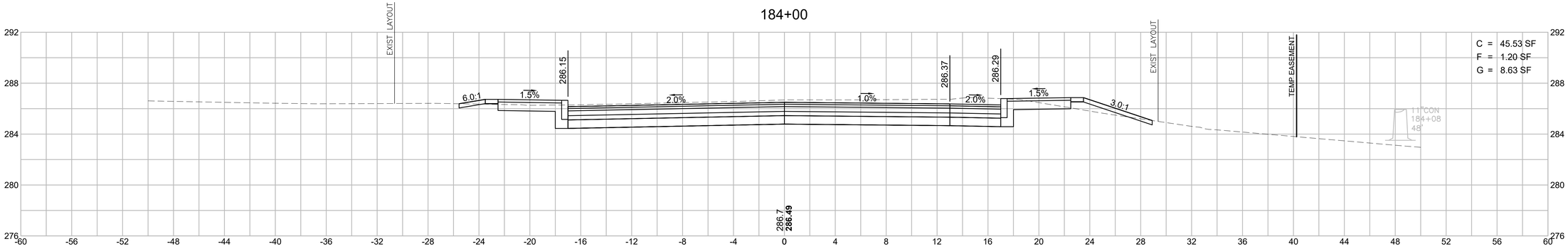
BELLINGHAM
SOUTH MAIN STREET (ROUTE 126)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	81	160
PROJECT FILE NO.	608887		

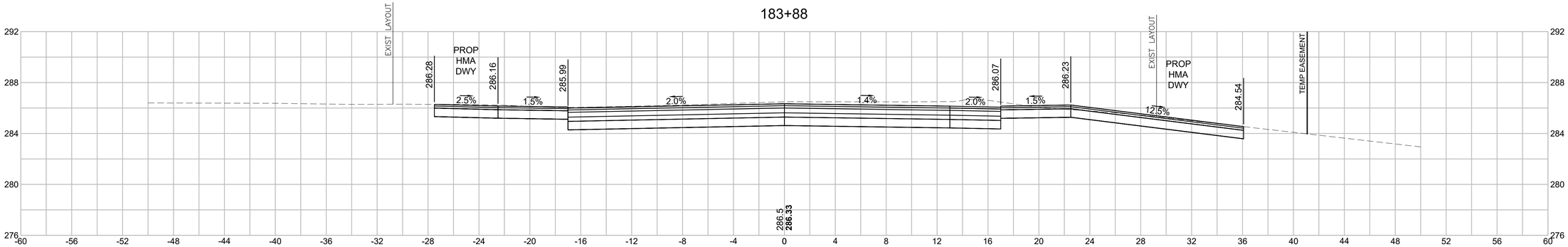
SOUTH MAIN STREET (ROUTE 126)
CROSS SECTIONS - 3

608887_HD(XS-ROUTE_126).DWG Plotted on 30-Oct-2020 9:42 AM

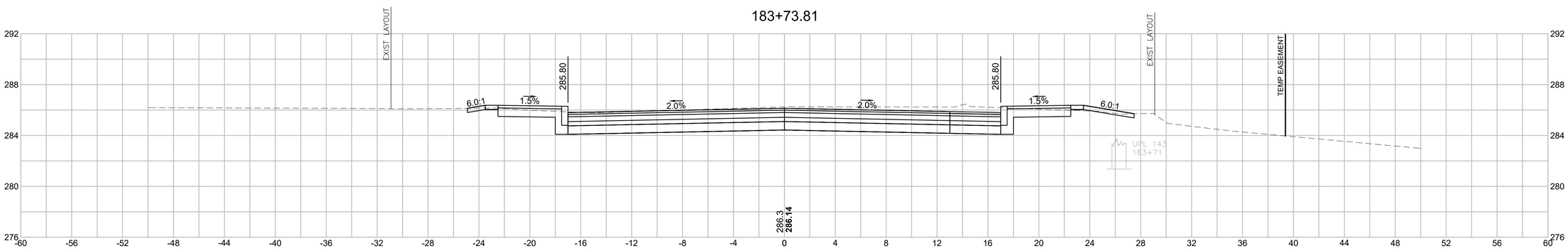
184+00



183+88



183+73.81



HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

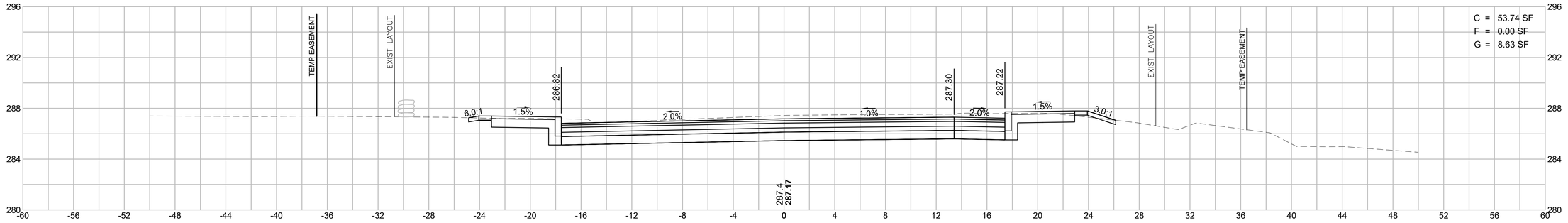
BELLINGHAM
SOUTH MAIN STREET (ROUTE 126)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	82	160
PROJECT FILE NO.	608887		

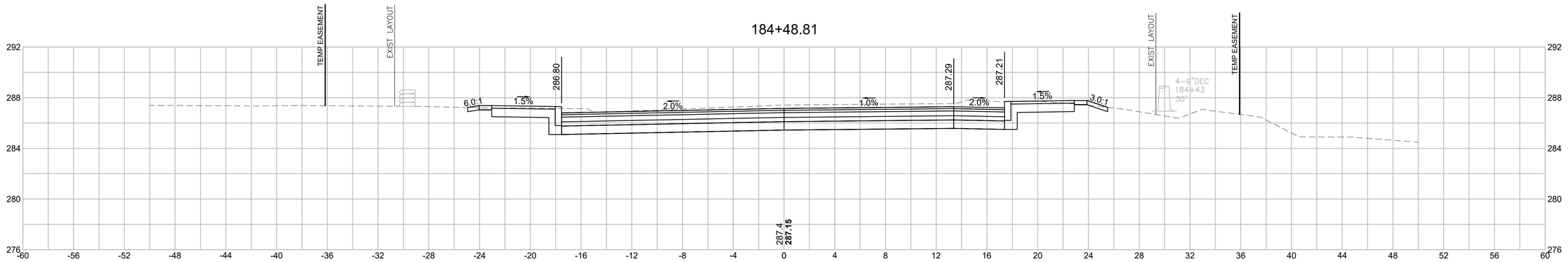
SOUTH MAIN STREET (ROUTE 126)
CROSS SECTIONS - 4

608887_HD\XS-ROUTE_126).DWG Plotted on 30-Oct-2020 9:43 AM

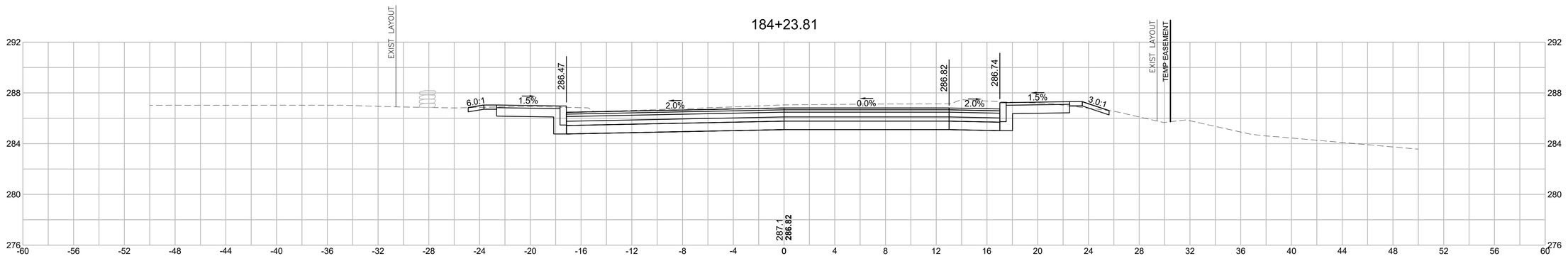
184+50



184+48.81



184+23.81



HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

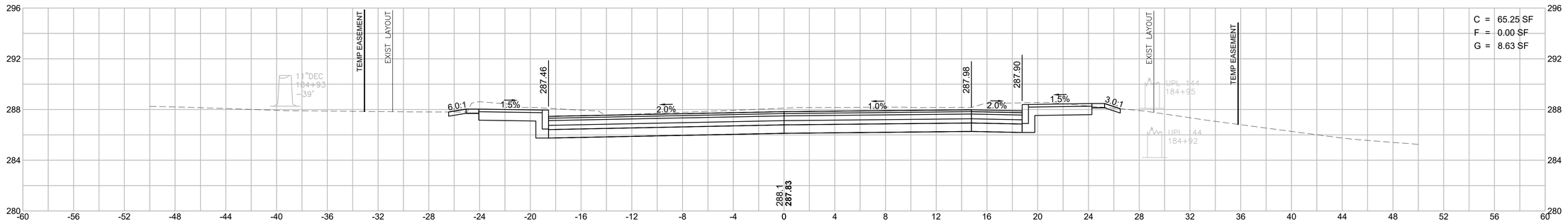
BELLINGHAM
SOUTH MAIN STREET (ROUTE 126)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	83	160
PROJECT FILE NO.	608887		

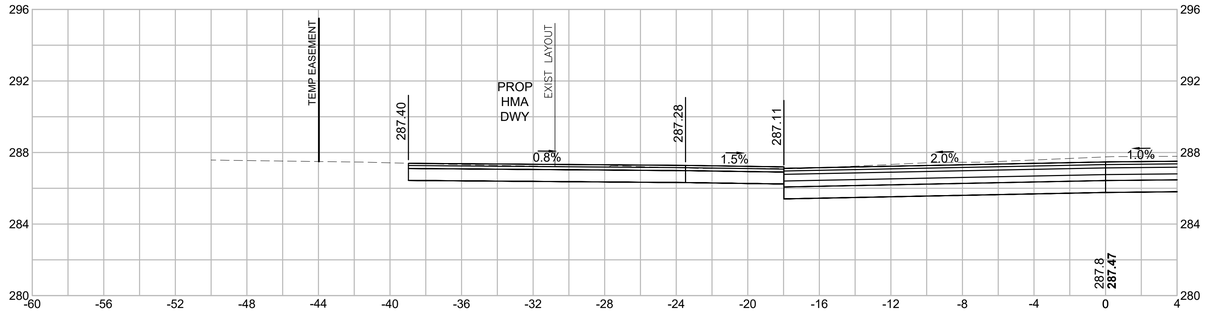
SOUTH MAIN STREET (ROUTE 126)
CROSS SECTIONS - 5

608887_HD\XS-ROUTE_126).DWG Plotted on 30-Oct-2020 9:43 AM

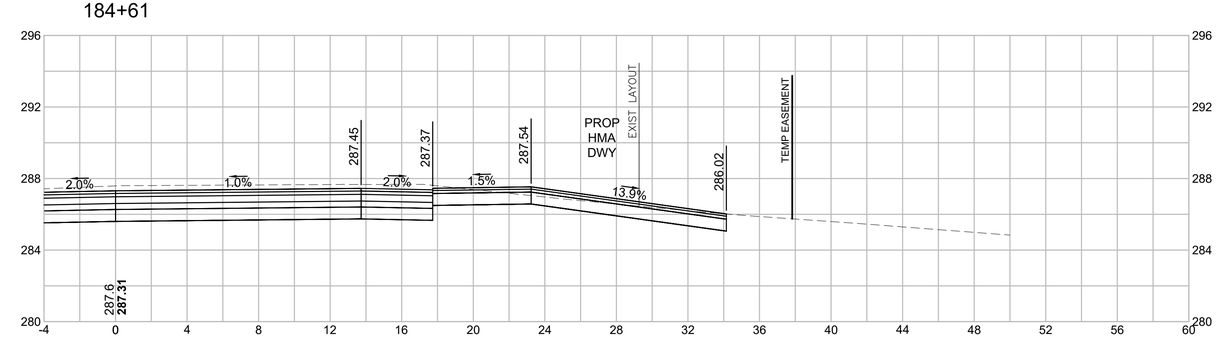
185+00



184+73



184+61



HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

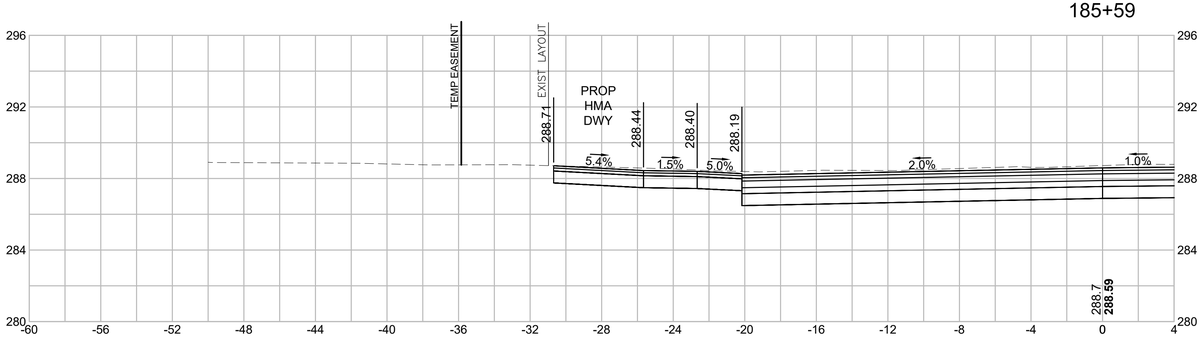
BELLINGHAM
SOUTH MAIN STREET (ROUTE 126)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	84	160
PROJECT FILE NO.	608887		

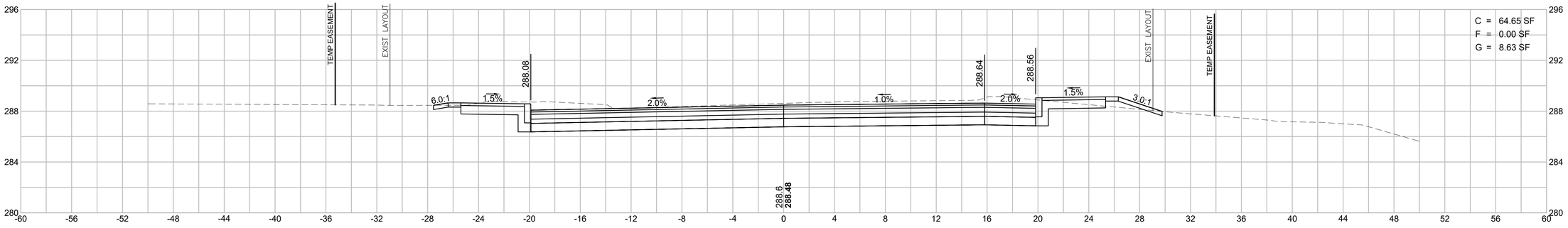
SOUTH MAIN STREET (ROUTE 126)
CROSS SECTIONS - 6

608887_HD(XS-ROUTE_126).DWG Plotted on 30-Oct-2020 9:43 AM

185+59



185+50



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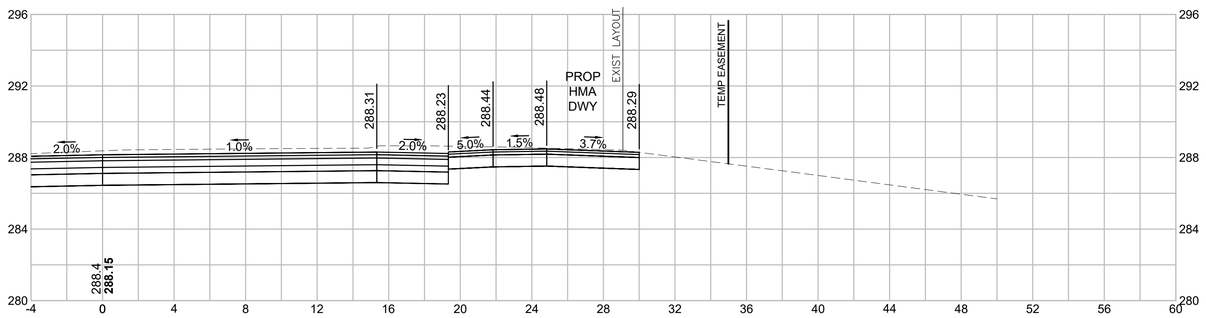


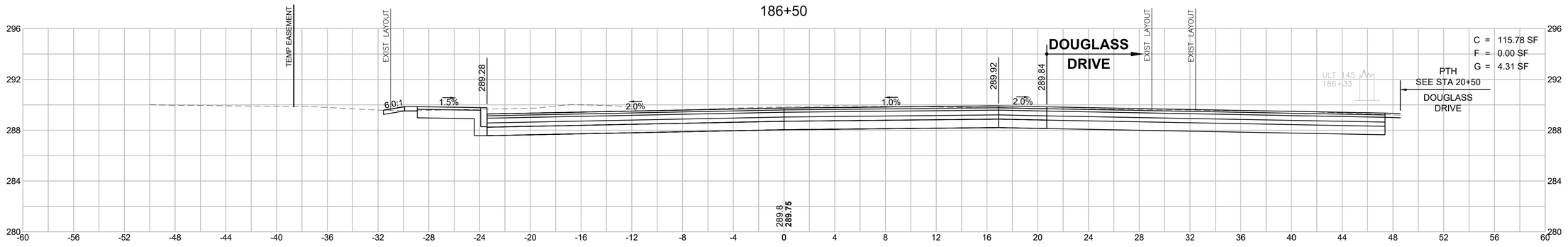
HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

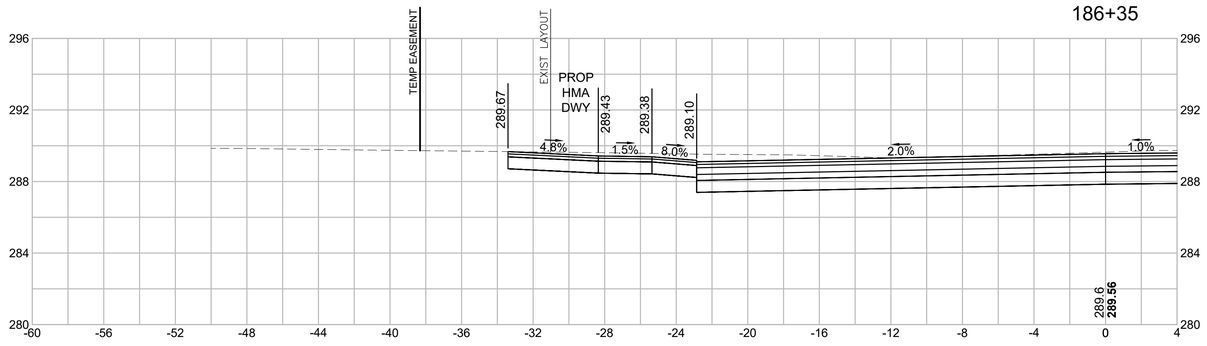
BELLINGHAM
SOUTH MAIN STREET (ROUTE 126)

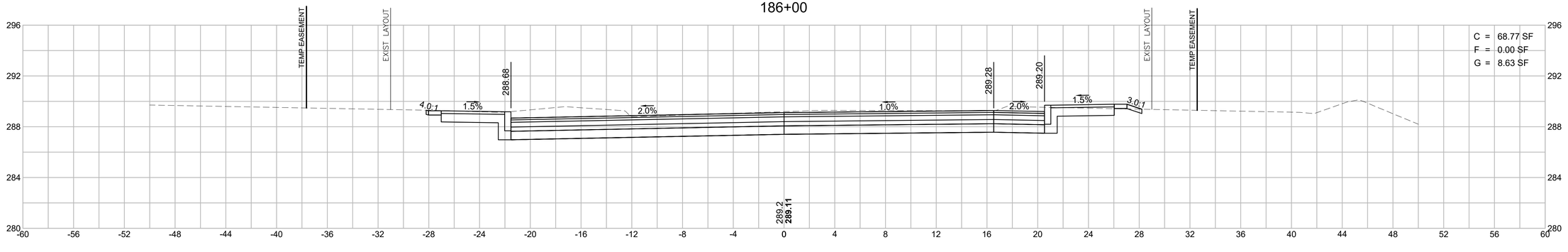
STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	85	160
PROJECT FILE NO.	608887		

SOUTH MAIN STREET (ROUTE 126)
CROSS SECTIONS - 7

Plotted on 30-Oct-2020 9:44 AM
608887_HD\XS-ROUTE_126).DWG







HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

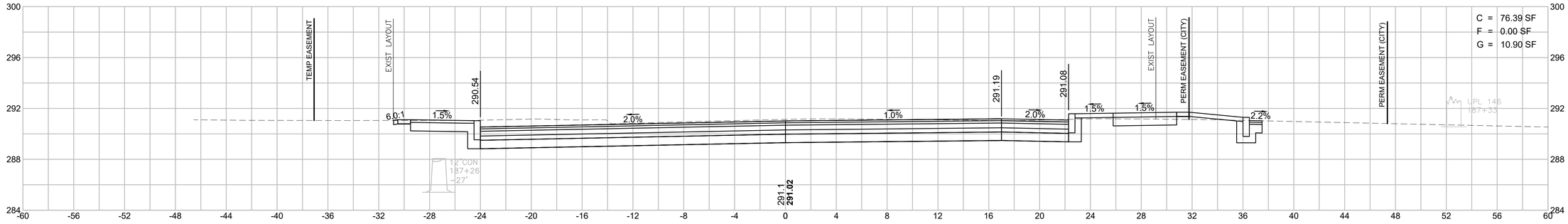
BELLINGHAM
SOUTH MAIN STREET (ROUTE 126)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	86	160
PROJECT FILE NO.	608887		

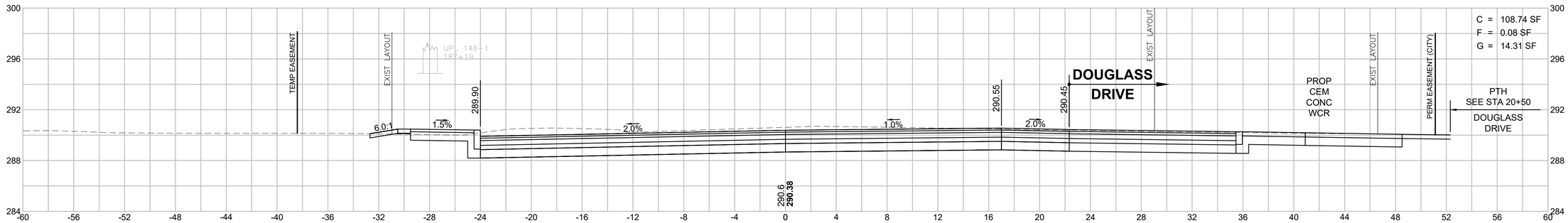
SOUTH MAIN STREET (ROUTE 126)
CROSS SECTIONS - 8

608887_HD(XS-ROUTE_126).DWG Plotted on 30-Oct-2020 9:44 AM

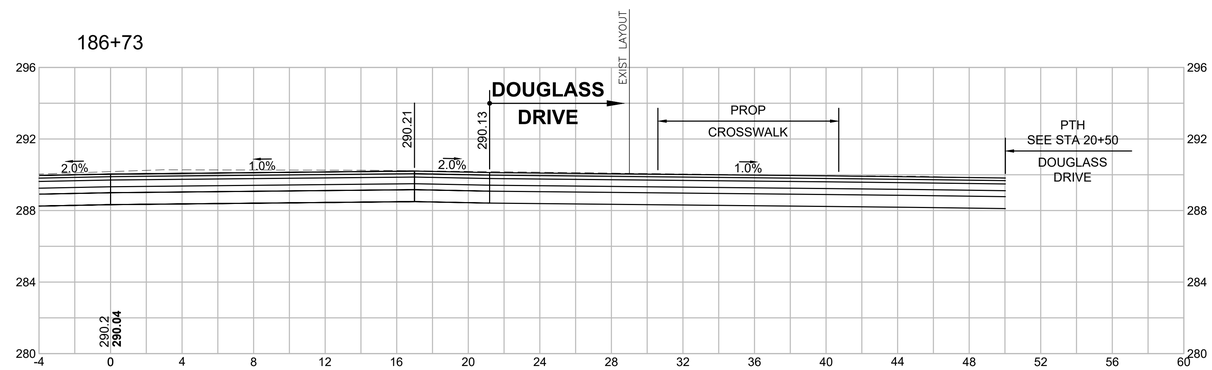
187+50



187+00



186+73



HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

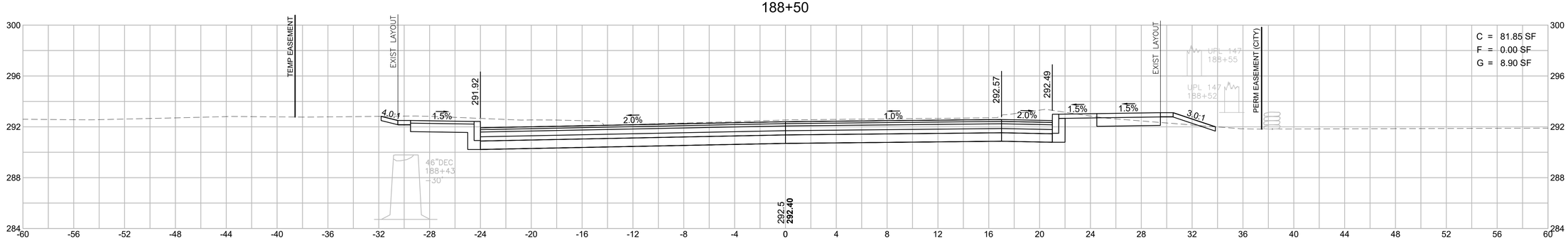
BELLINGHAM
SOUTH MAIN STREET (ROUTE 126)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	87	160
PROJECT FILE NO.	608887		

SOUTH MAIN STREET (ROUTE 126)
CROSS SECTIONS - 9

608887_HD(XS-ROUTE_126).DWG Plotted on 30-Oct-2020 9:45 AM

188+50



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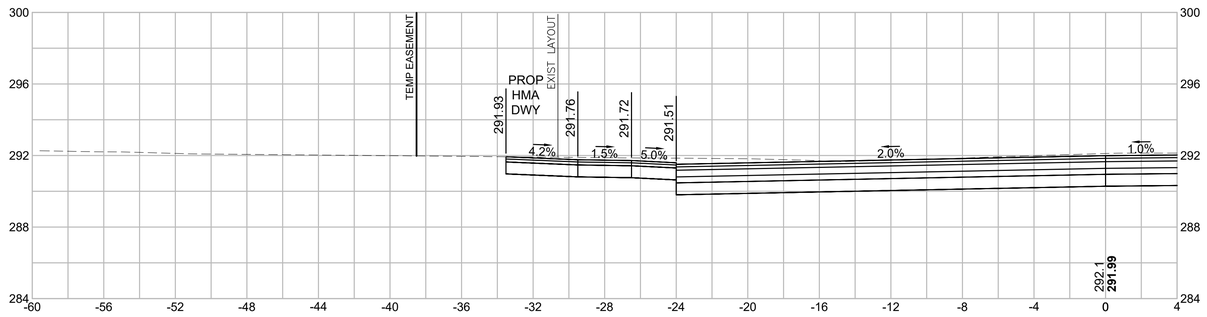

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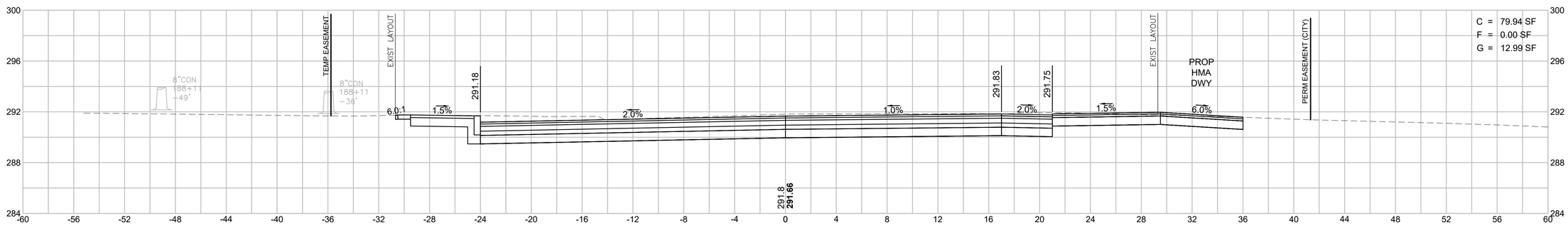


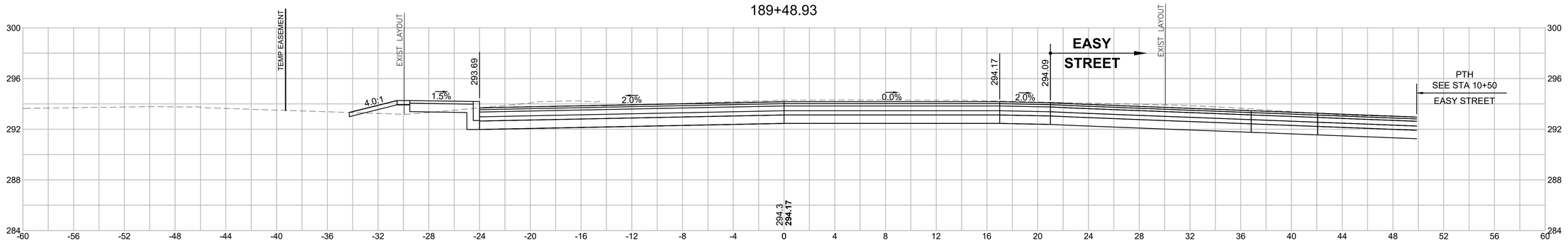
HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

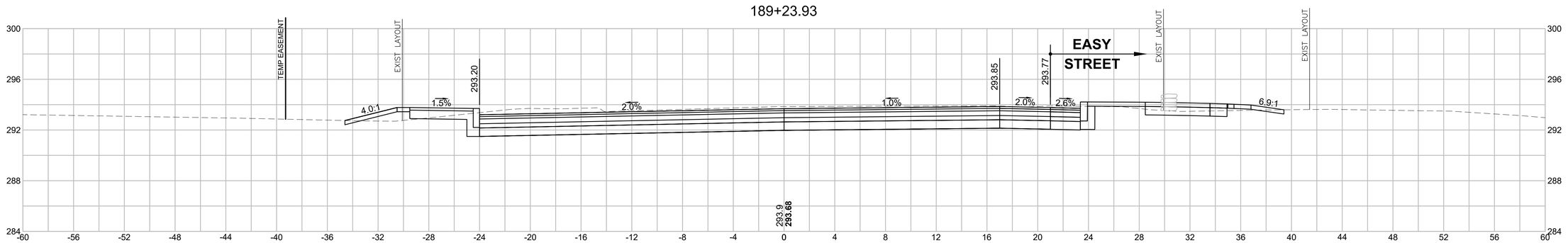
BELLINGHAM
SOUTH MAIN STREET (ROUTE 126)

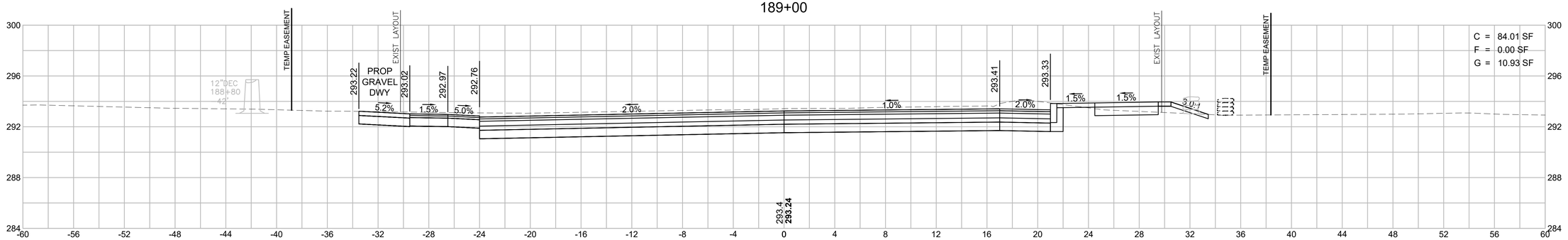
STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	88	160
PROJECT FILE NO.	608887		

SOUTH MAIN STREET (ROUTE 126)
CROSS SECTIONS - 10

608887_HD\XS-ROUTE_126).DWG Plotted on 30-Oct-2020 9:45 AM







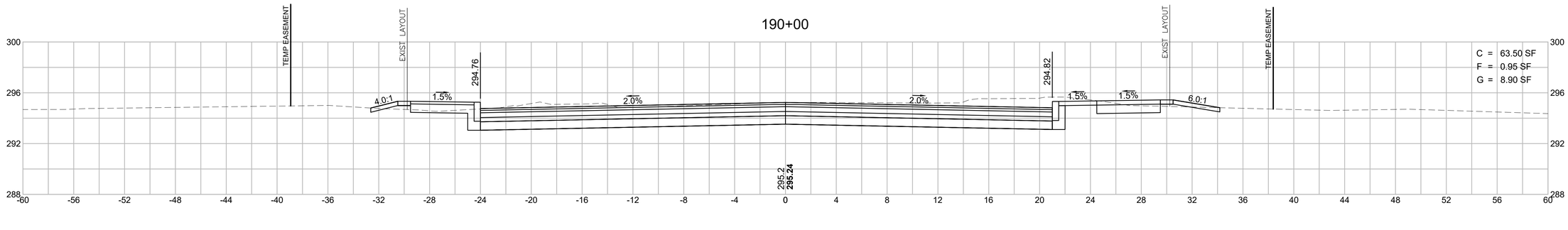
HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

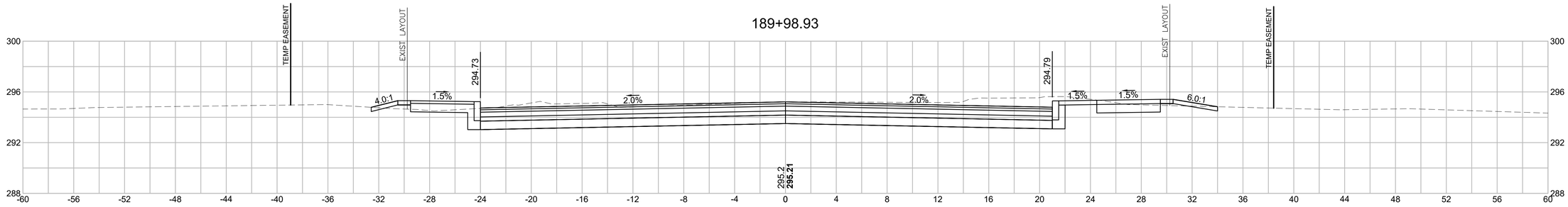
BELLINGHAM
SOUTH MAIN STREET (ROUTE 126)

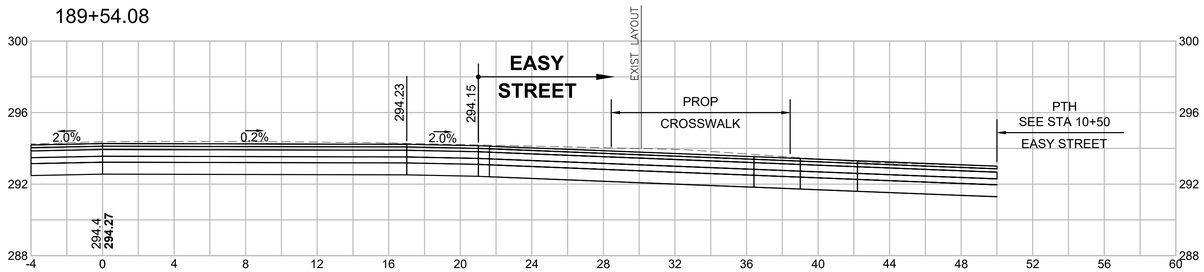
STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	89	160
PROJECT FILE NO.	608887		

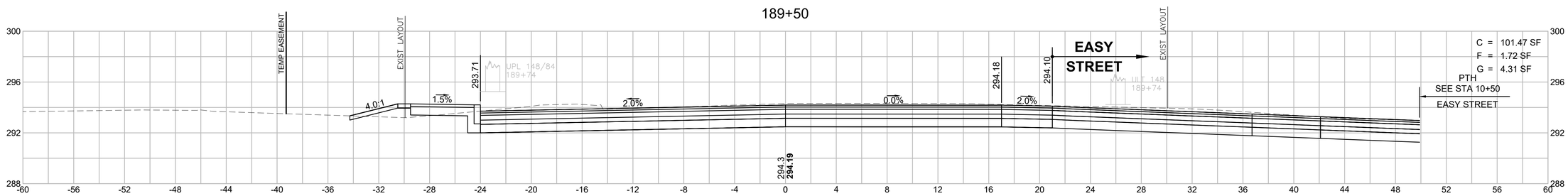
SOUTH MAIN STREET (ROUTE 126)
CROSS SECTIONS - 11

608887_HD\XS-ROUTE_126).DWG Plotted on 30-Oct-2020 9:46 AM









HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

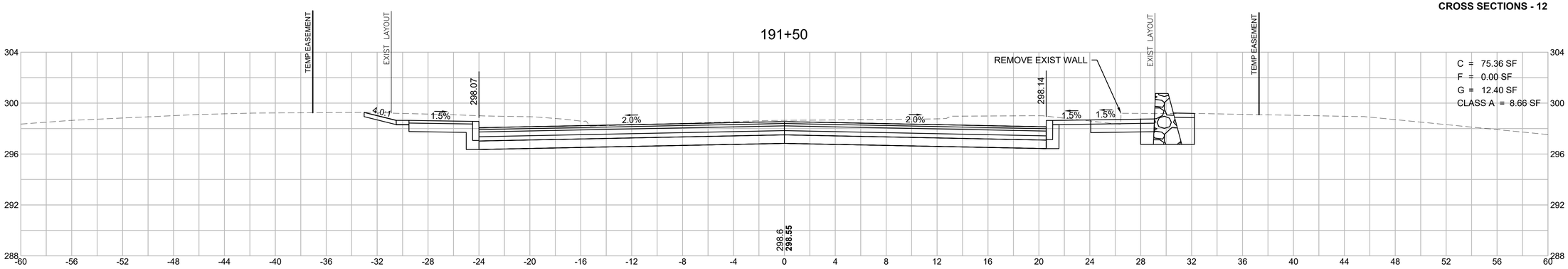
BELLINGHAM
SOUTH MAIN STREET (ROUTE 126)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	90	160
PROJECT FILE NO.	608887		

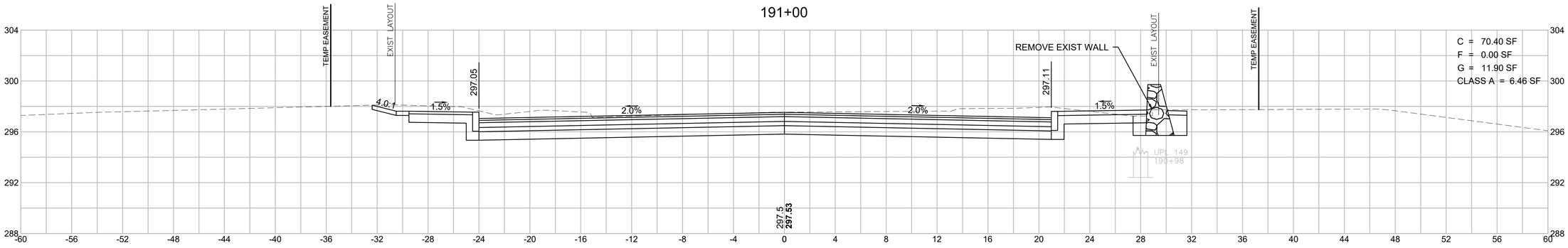
SOUTH MAIN STREET (ROUTE 126)
CROSS SECTIONS - 12

608887_HD(XS-ROUTE_126).DWG Plotted on 30-Oct-2020 9:46 AM

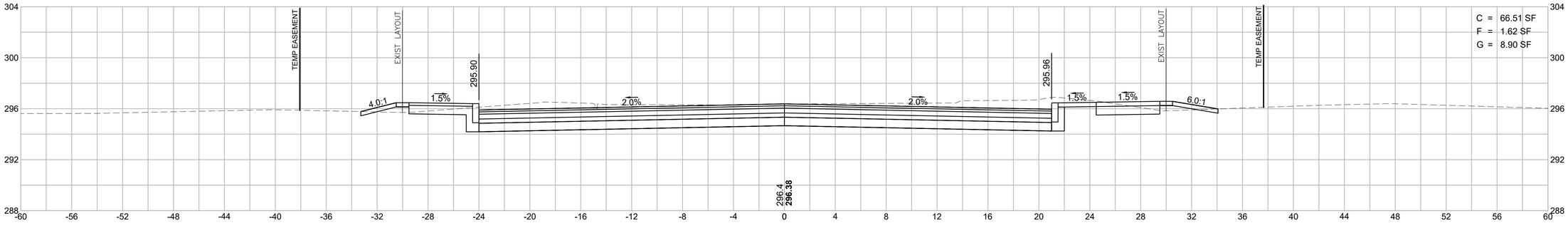
191+50



191+00



190+50



HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

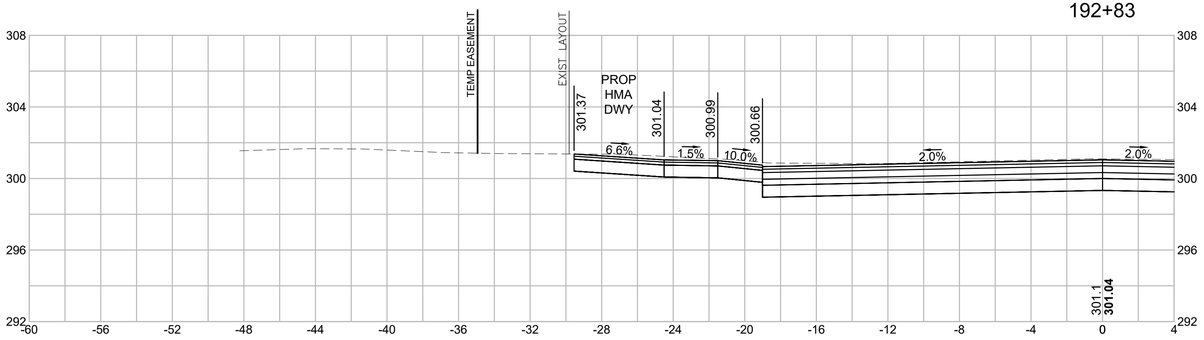
BELLINGHAM
SOUTH MAIN STREET (ROUTE 126)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	91	160
PROJECT FILE NO.	608887		

SOUTH MAIN STREET (ROUTE 126)
CROSS SECTIONS - 13

608887_HD(XS-ROUTE_126).DWG Plotted on 30-Oct-2020 9:46 AM

192+83



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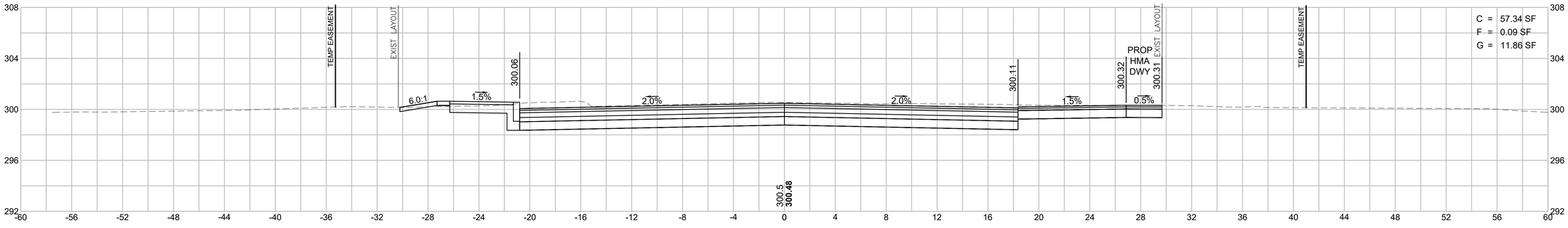
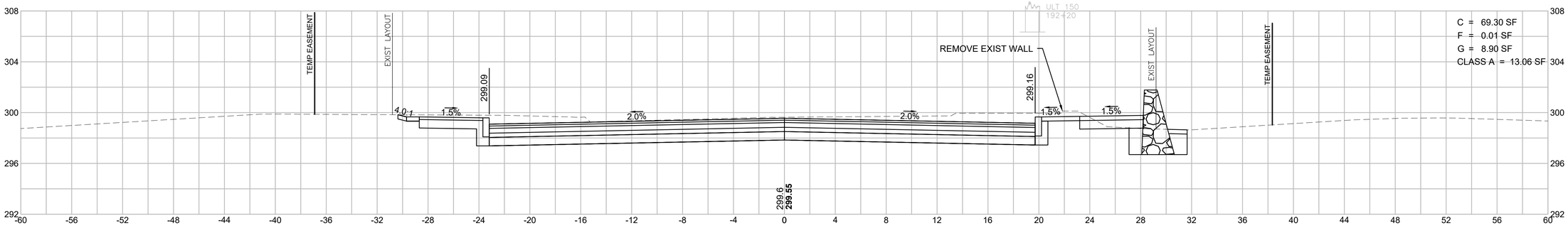


192+00



HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

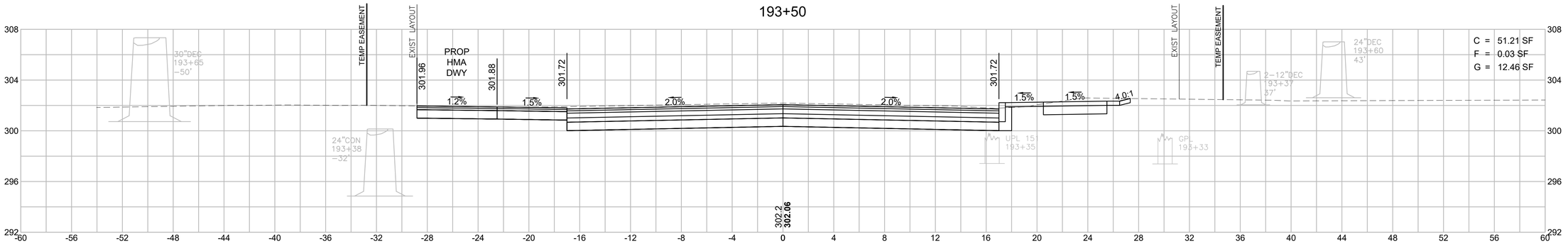
BELLINGHAM
SOUTH MAIN STREET (ROUTE 126)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	92	160
PROJECT FILE NO.	608887		

SOUTH MAIN STREET (ROUTE 126)
CROSS SECTIONS - 14

608887_HD(XS-ROUTE_126).DWG Plotted on 30-Oct-2020 9:47 AM

193+50



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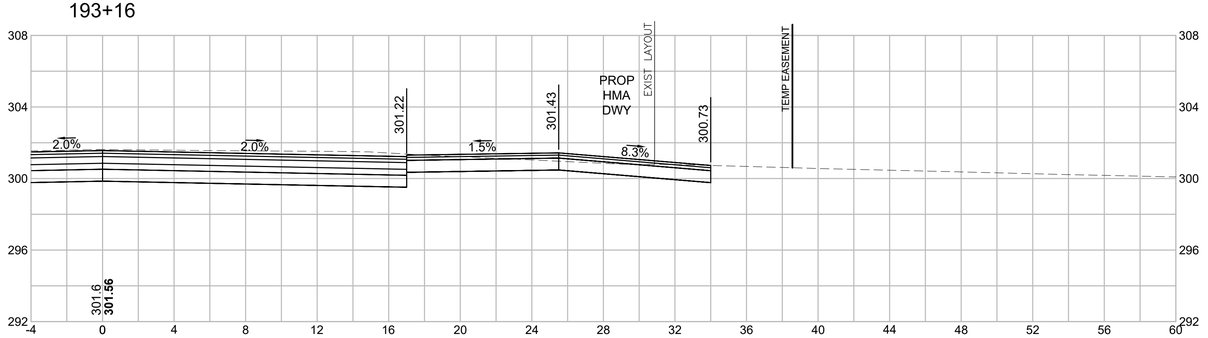
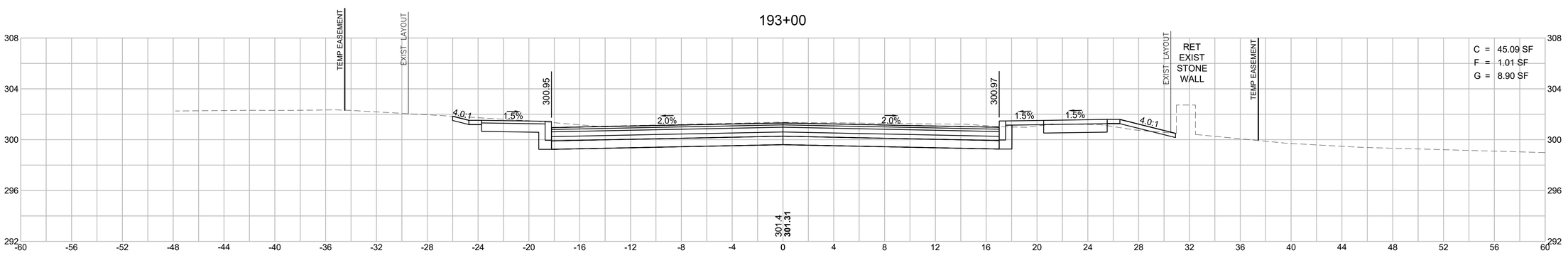


193+00



HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

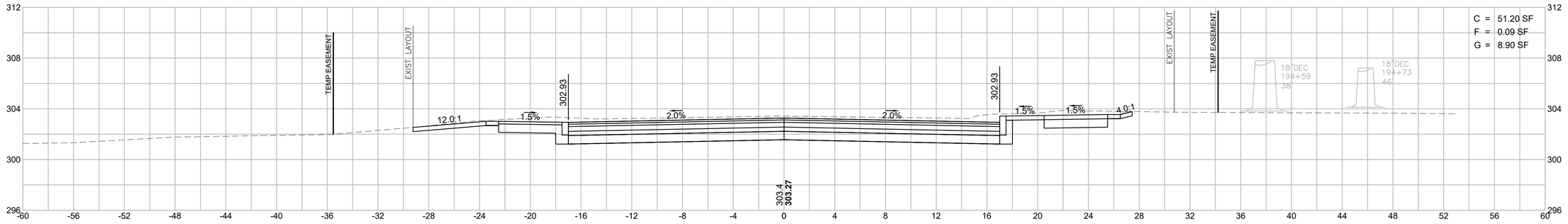
BELLINGHAM
SOUTH MAIN STREET (ROUTE 126)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	93	160
PROJECT FILE NO.	608887		

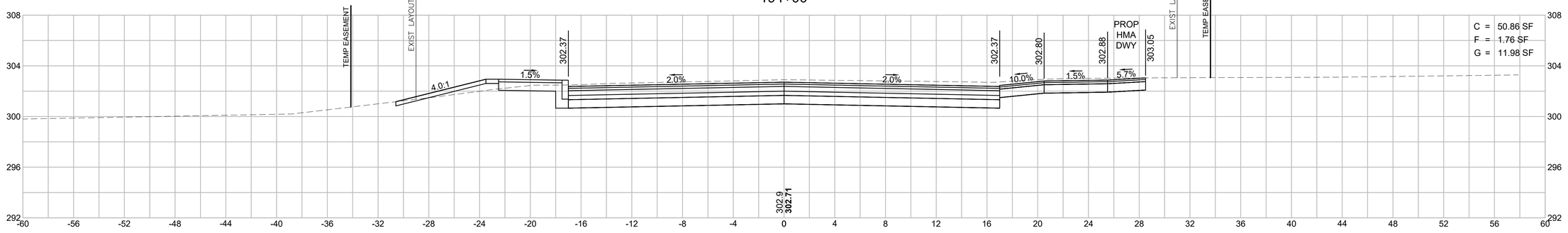
SOUTH MAIN STREET (ROUTE 126)
CROSS SECTIONS - 15

608887_HD(XS-ROUTE_126).DWG Plotted on 30-Oct-2020 9:47 AM

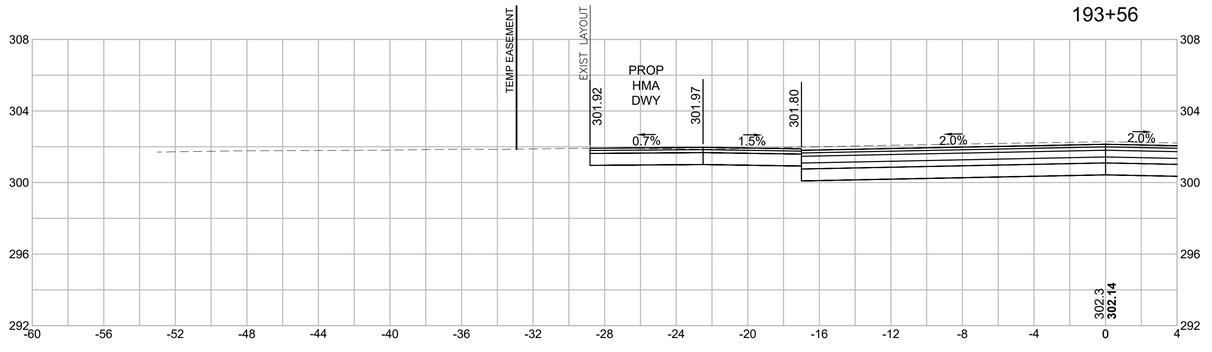
194+50



194+00



193+56



HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

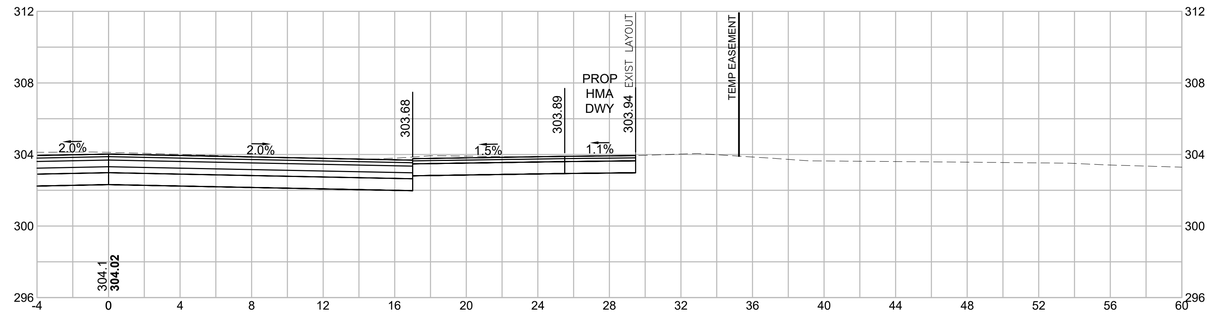
BELLINGHAM
SOUTH MAIN STREET (ROUTE 126)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	94	160
PROJECT FILE NO.	608887		

SOUTH MAIN STREET (ROUTE 126)
CROSS SECTIONS - 16

608887_HD\XS-ROUTE_126).DWG Plotted on 30-Oct-2020 9:48 AM

195+37



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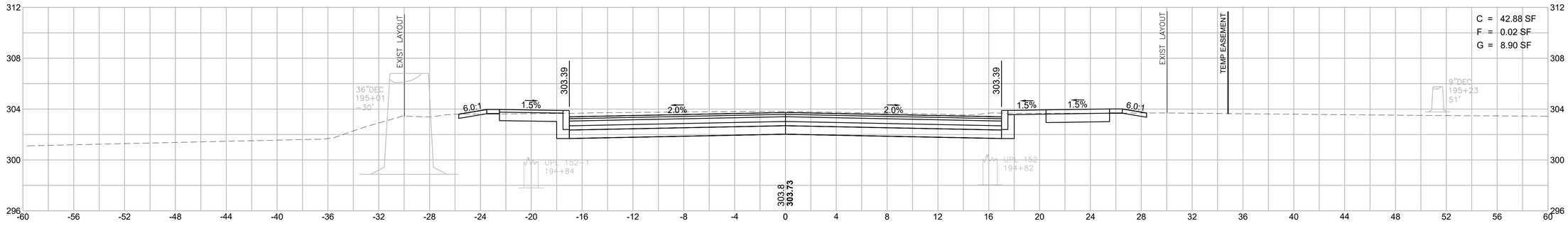
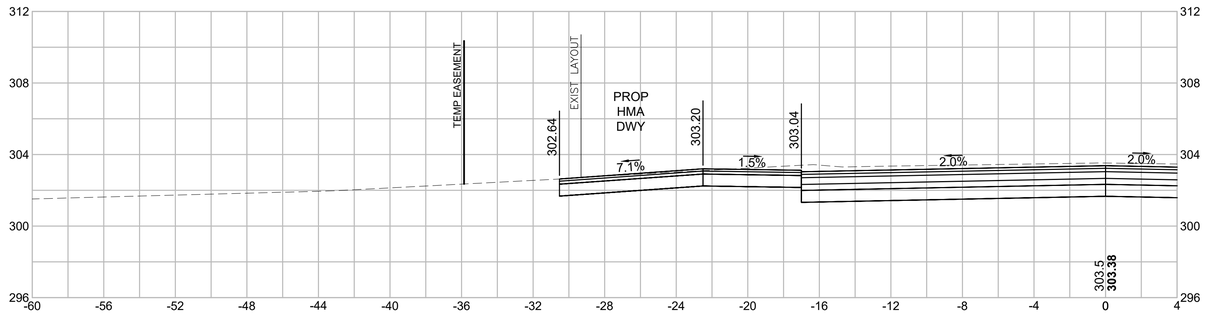


194+61



HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

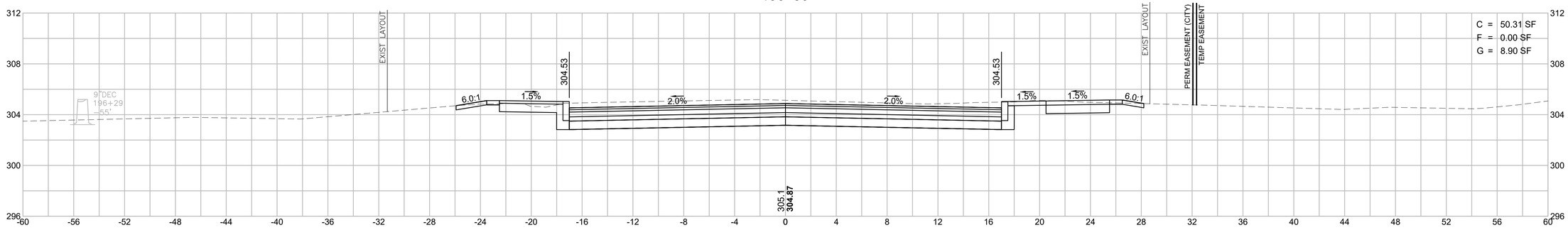
BELLINGHAM
SOUTH MAIN STREET (ROUTE 126)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	95	160
PROJECT FILE NO.	608887		

SOUTH MAIN STREET (ROUTE 126)
CROSS SECTIONS - 17

608887_HD\XS-ROUTE_126).DWG Plotted on 30-Oct-2020 9:48 AM

196+50



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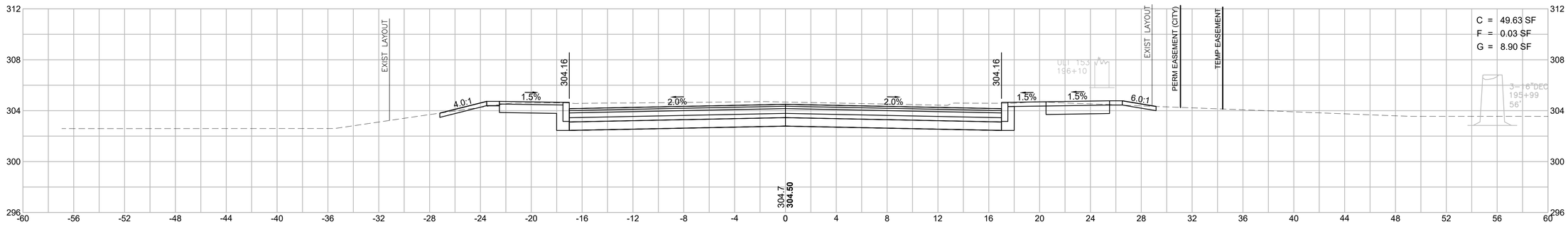

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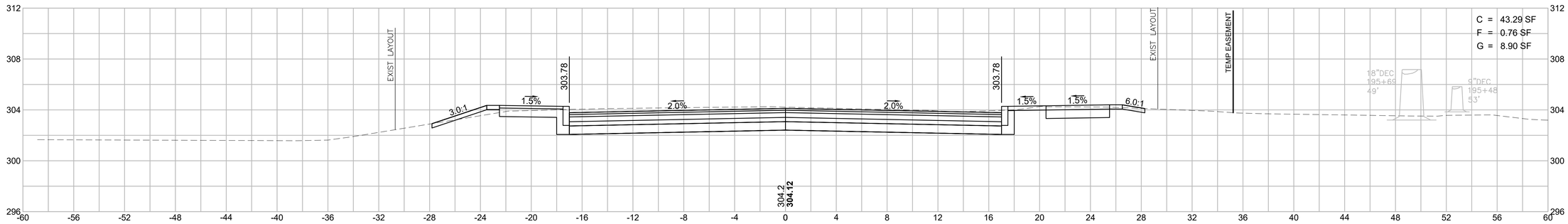


HOR. SCALE IN FEET
4 0 4 8

4 0 4 8
VER. SCALE IN FEET

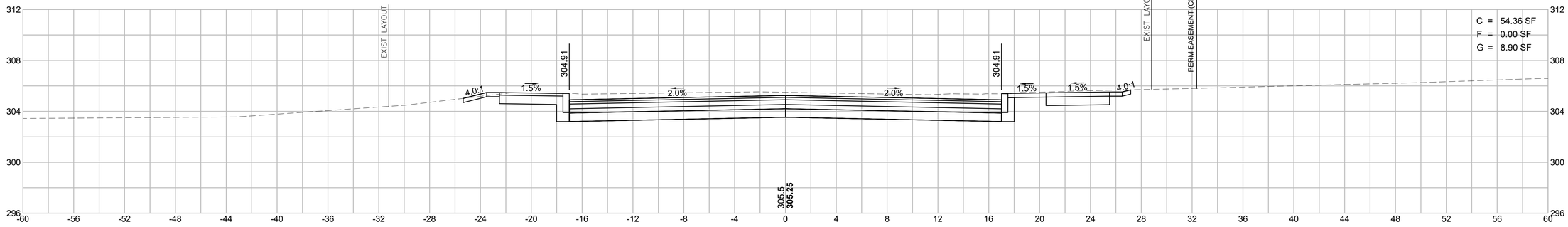
BELLINGHAM
SOUTH MAIN STREET (ROUTE 126)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	96	160
PROJECT FILE NO.	608887		

SOUTH MAIN STREET (ROUTE 126)
CROSS SECTIONS - 18

608887_HD\XS-ROUTE_126).DWG Plotted on 30-Oct-2020 9:48 AM

197+00



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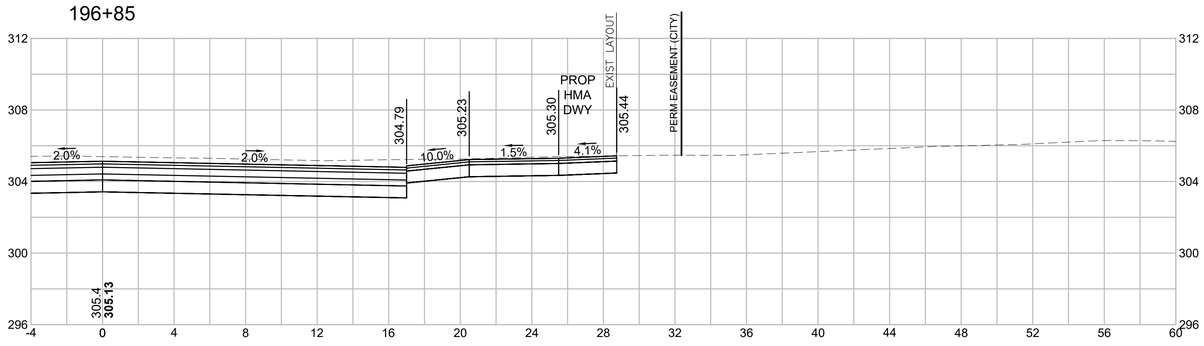
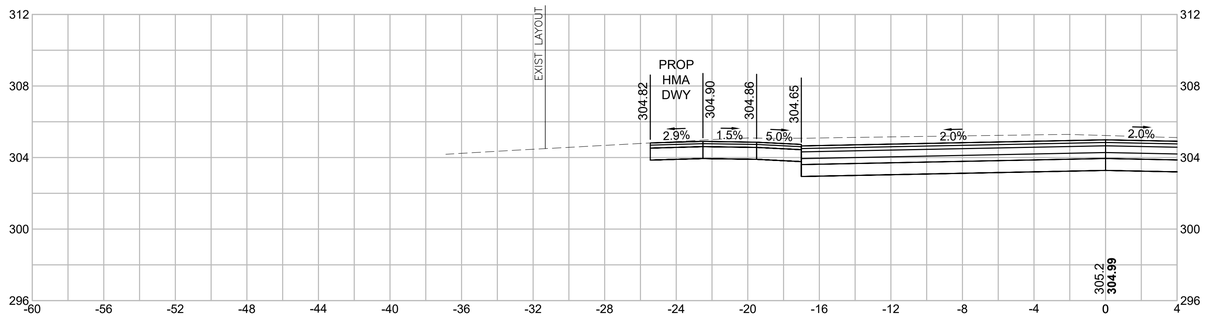


196+66



HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

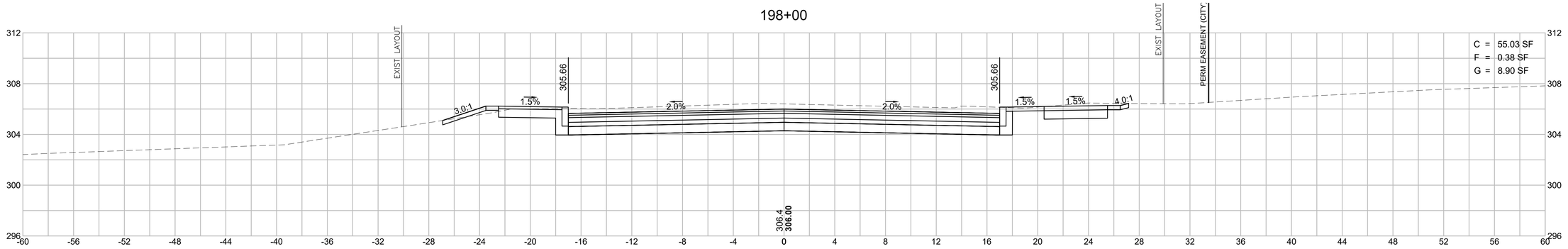
BELLINGHAM
SOUTH MAIN STREET (ROUTE 126)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	97	160
PROJECT FILE NO.	608887		

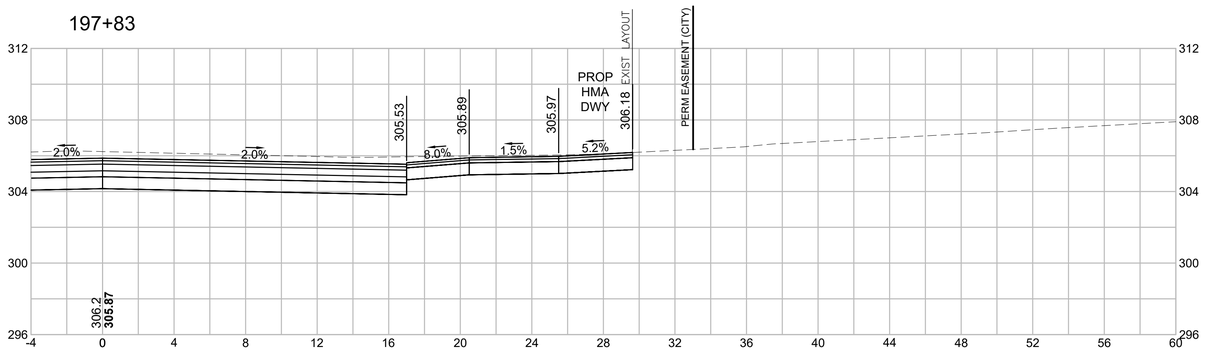
SOUTH MAIN STREET (ROUTE 126)
CROSS SECTIONS - 19

608887_HD(XS-ROUTE_126).DWG Plotted on 30-Oct-2020 9:49 AM

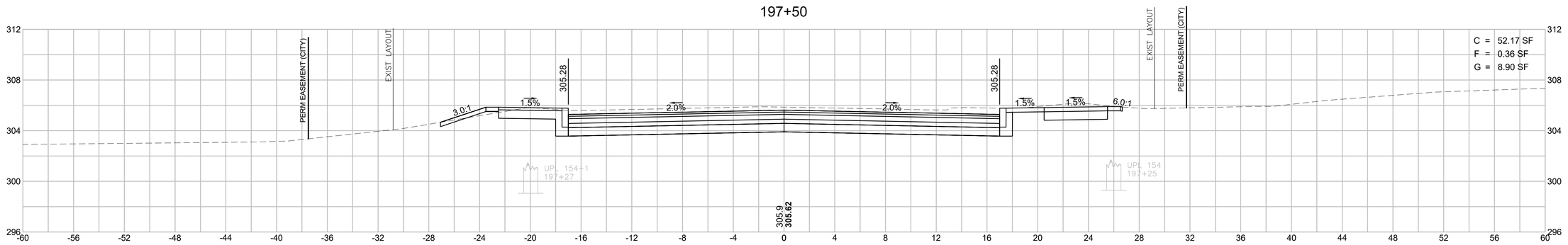
198+00



197+83



197+50



HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

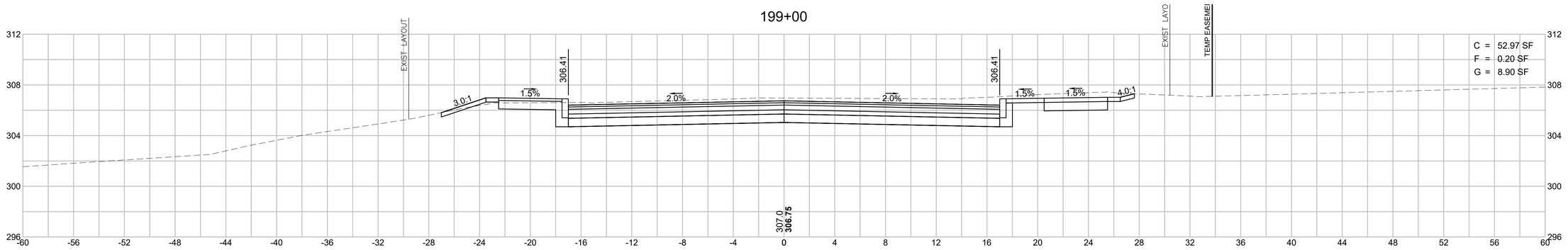
BELLINGHAM
SOUTH MAIN STREET (ROUTE 126)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	98	160
PROJECT FILE NO.	608887		

SOUTH MAIN STREET (ROUTE 126)
CROSS SECTIONS - 20

Plotted on 30-Oct-2020 9:49 AM
608887_HD\XS-ROUTE_126).DWG

199+00



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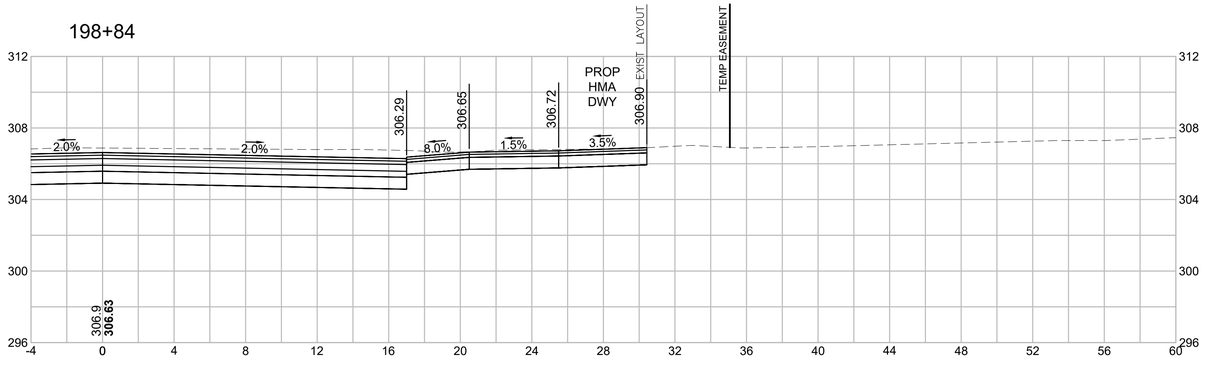
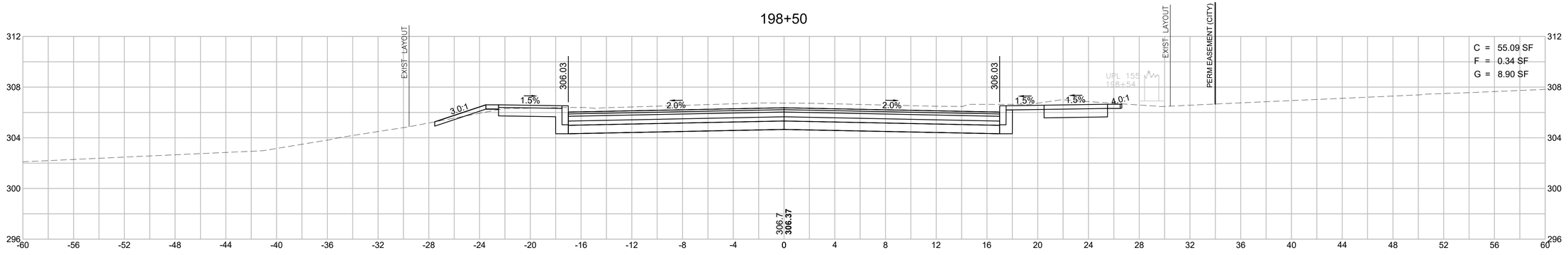


198+50



HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

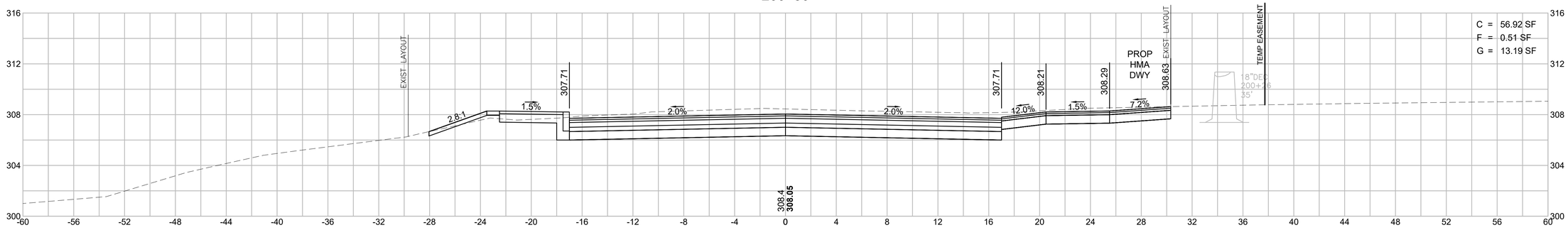
BELLINGHAM
SOUTH MAIN STREET (ROUTE 126)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	99	160
PROJECT FILE NO.	608887		

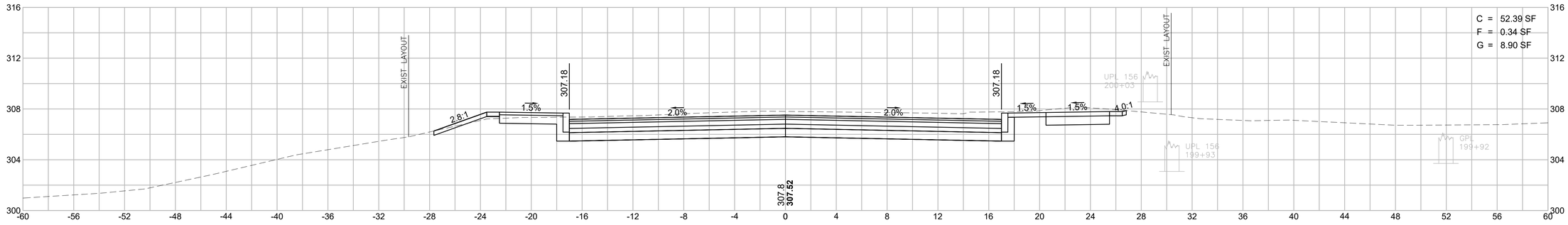
SOUTH MAIN STREET (ROUTE 126)
CROSS SECTIONS - 21

608887_HD(XS-ROUTE_126).DWG Plotted on 30-Oct-2020 9:50 AM

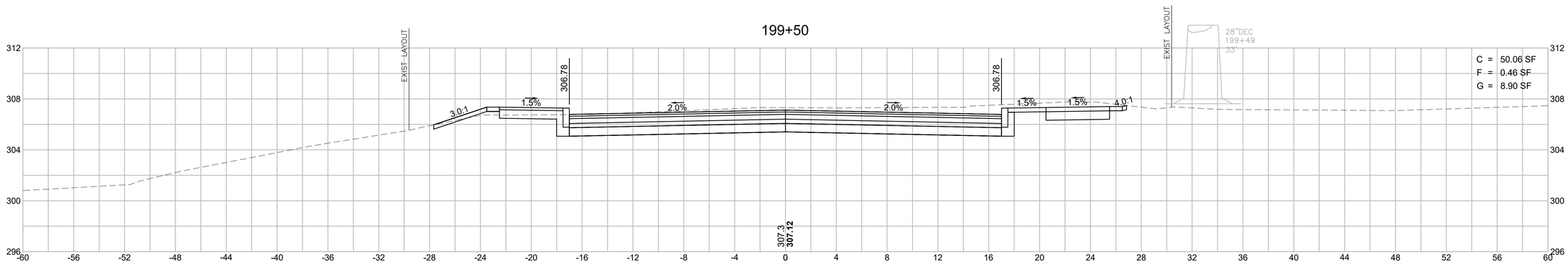
200+50



200+00



199+50



HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

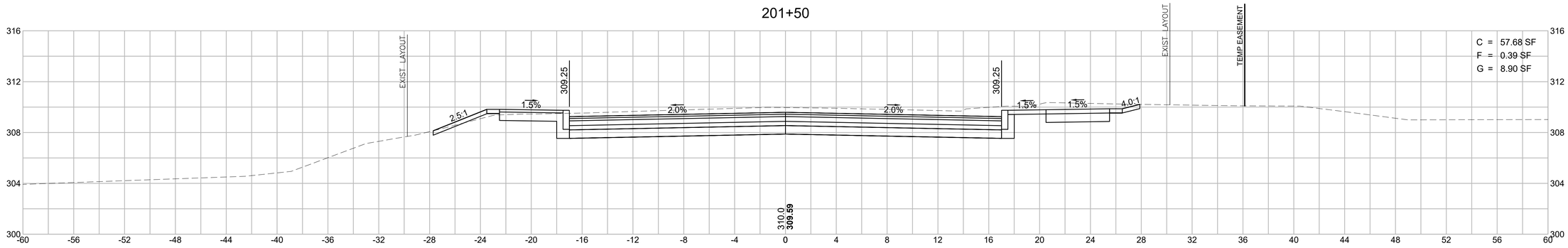
BELLINGHAM
SOUTH MAIN STREET (ROUTE 126)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	100	160
PROJECT FILE NO.	608887		

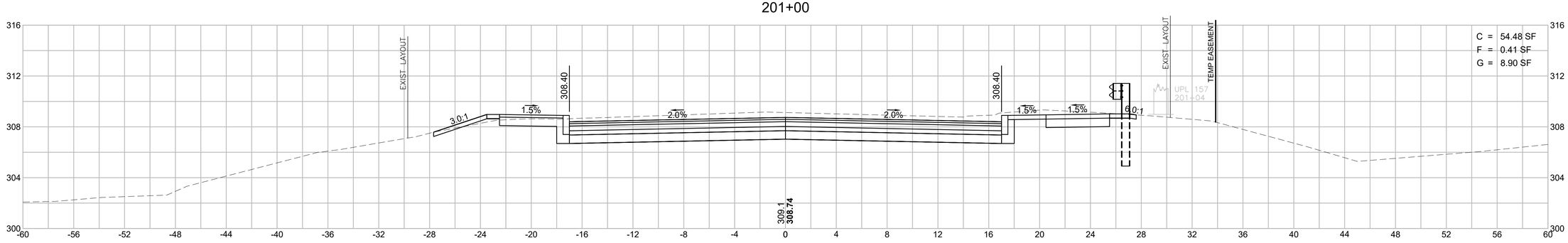
SOUTH MAIN STREET (ROUTE 126)
CROSS SECTIONS - 22

608887_HD(XS-ROUTE_126).DWG Plotted on 30-Oct-2020 9:50 AM

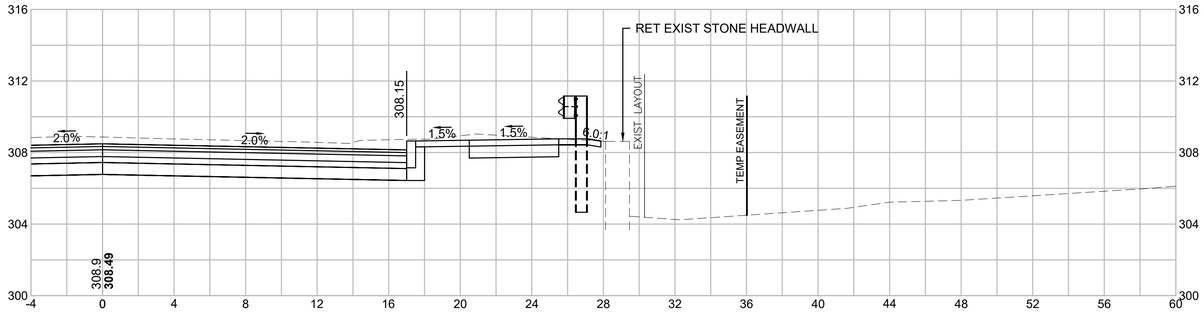
201+50



201+00



200+83



HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

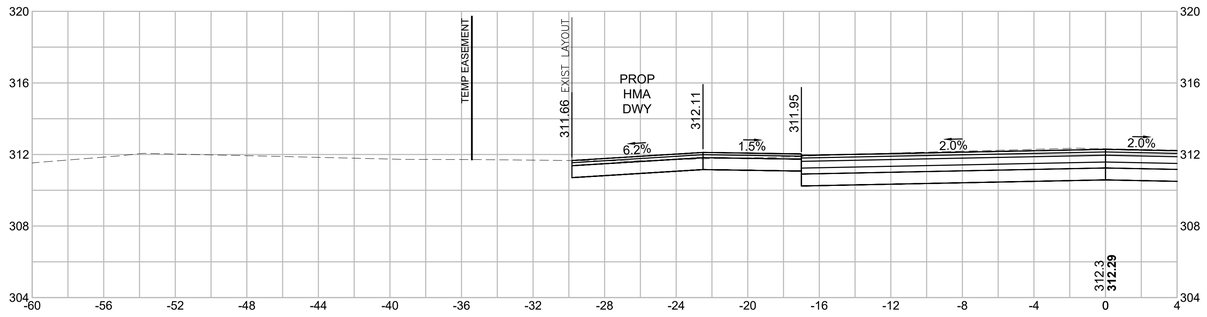
BELLINGHAM
SOUTH MAIN STREET (ROUTE 126)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	101	160
PROJECT FILE NO.	608887		

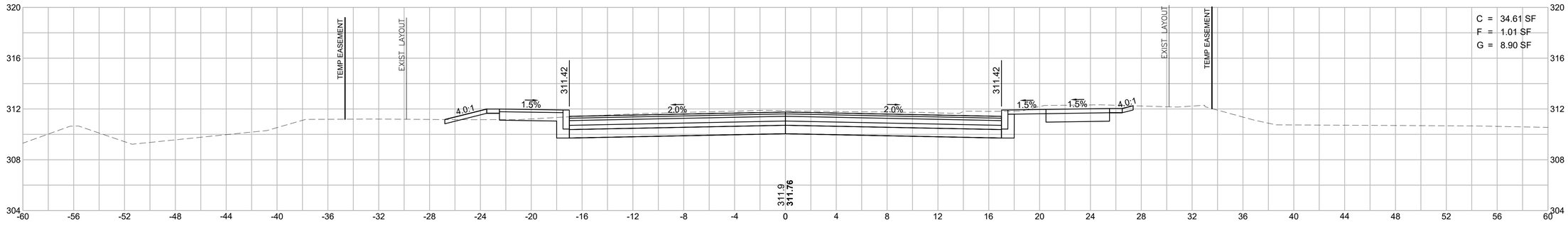
SOUTH MAIN STREET (ROUTE 126)
CROSS SECTIONS - 23

608887_HD\XS-ROUTE_126).DWG Plotted on 30-Oct-2020 9:51 AM

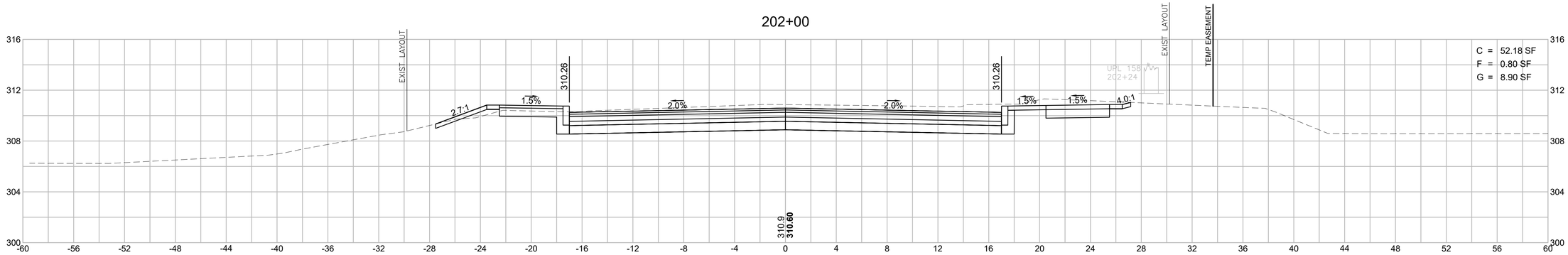
202+71



202+50



202+00



HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

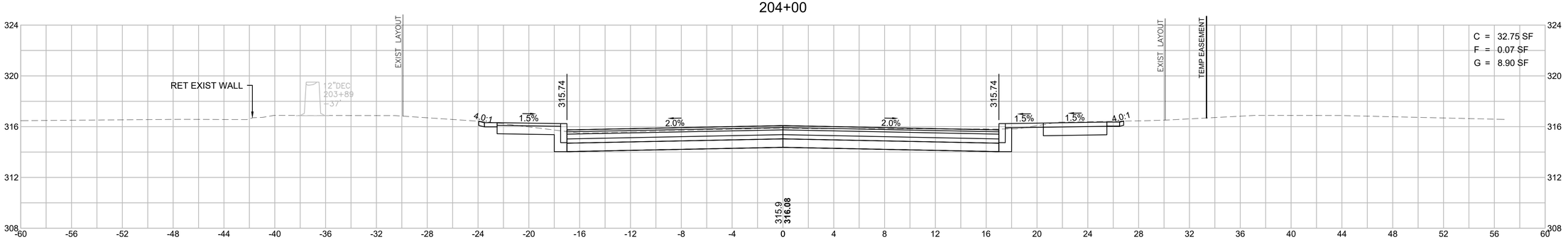
BELLINGHAM
SOUTH MAIN STREET (ROUTE 126)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	102	160
PROJECT FILE NO.	608887		

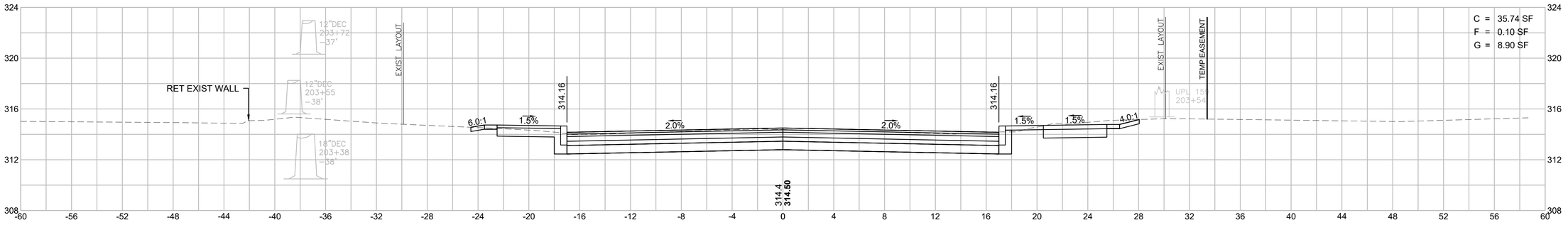
SOUTH MAIN STREET (ROUTE 126)
CROSS SECTIONS - 24

608887_HD(XS-ROUTE_126).DWG Plotted on 30-Oct-2020 9:51 AM

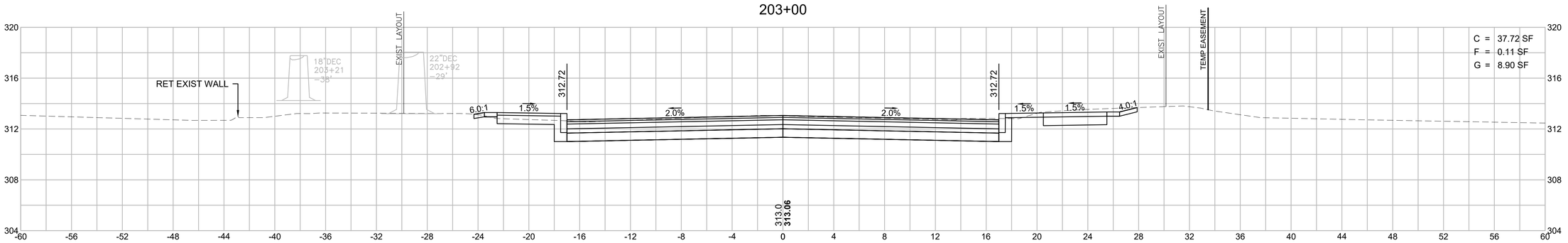
204+00



203+50



203+00



HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

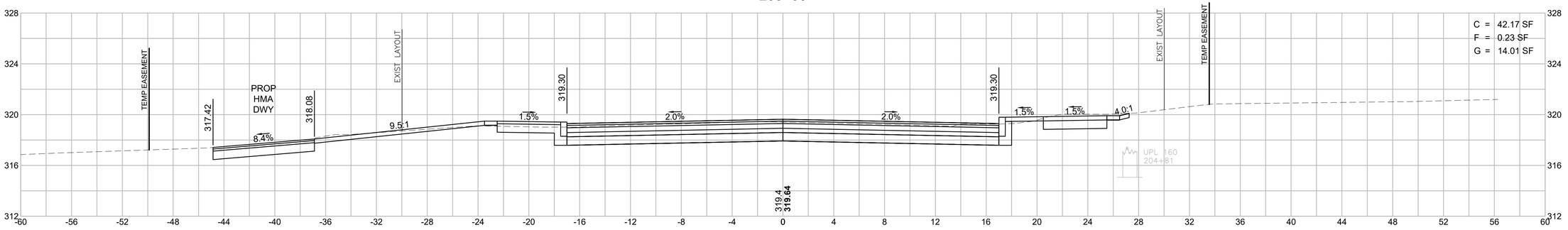
BELLINGHAM
SOUTH MAIN STREET (ROUTE 126)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	103	160
PROJECT FILE NO.	608887		

SOUTH MAIN STREET (ROUTE 126)
CROSS SECTIONS - 25

608887_HD\XS-ROUTE_126).DWG Plotted on 30-Oct-2020 9:52 AM

205+00



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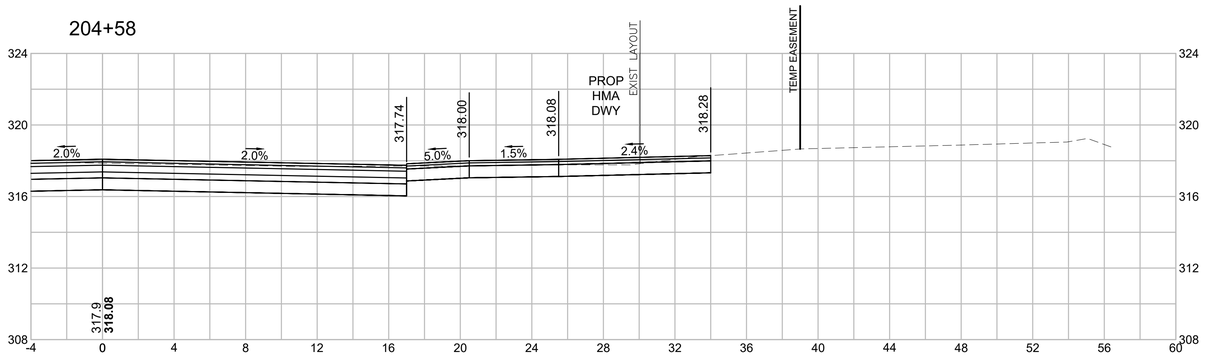
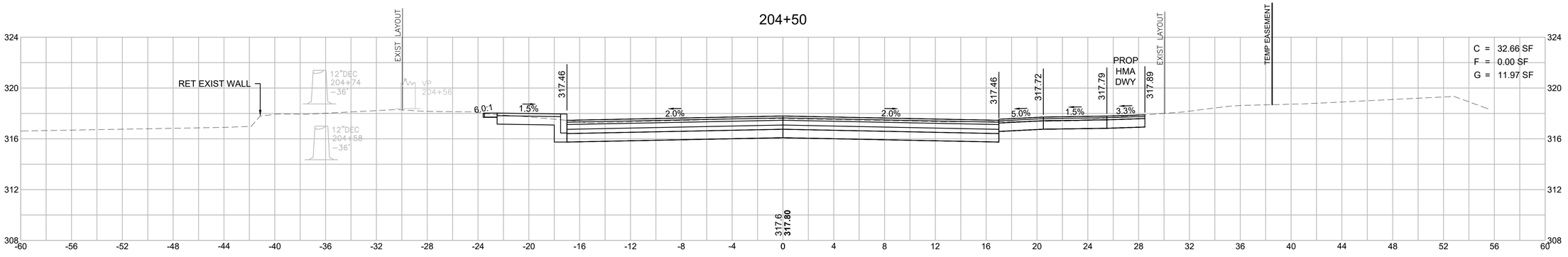


204+50



HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

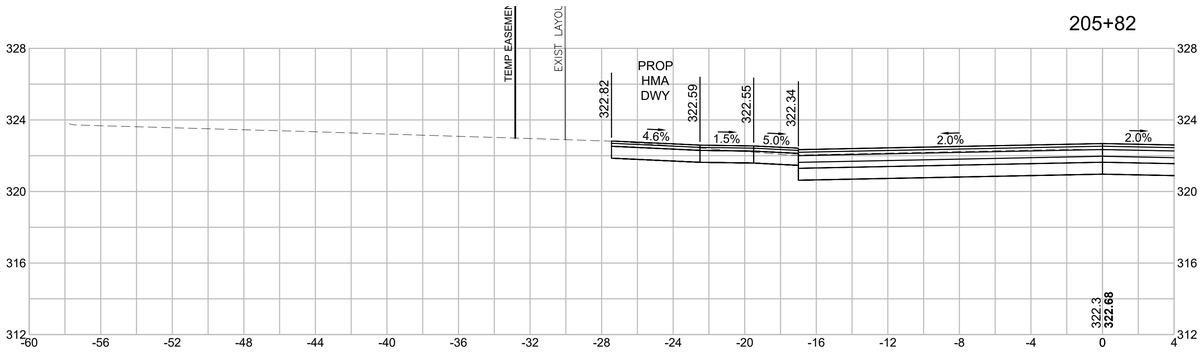
BELLINGHAM
SOUTH MAIN STREET (ROUTE 126)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	104	160
PROJECT FILE NO.	608887		

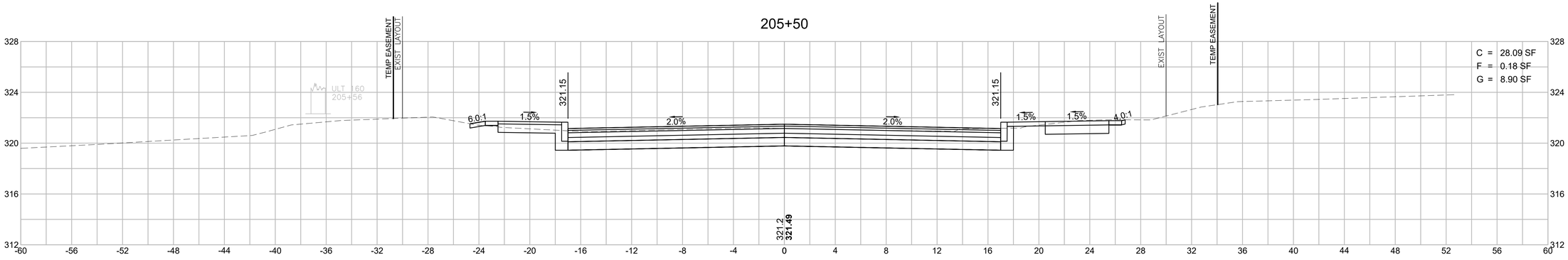
SOUTH MAIN STREET (ROUTE 126)
CROSS SECTIONS - 26

608887_HD\XS-ROUTE_126).DWG Plotted on 30-Oct-2020 9:52 AM

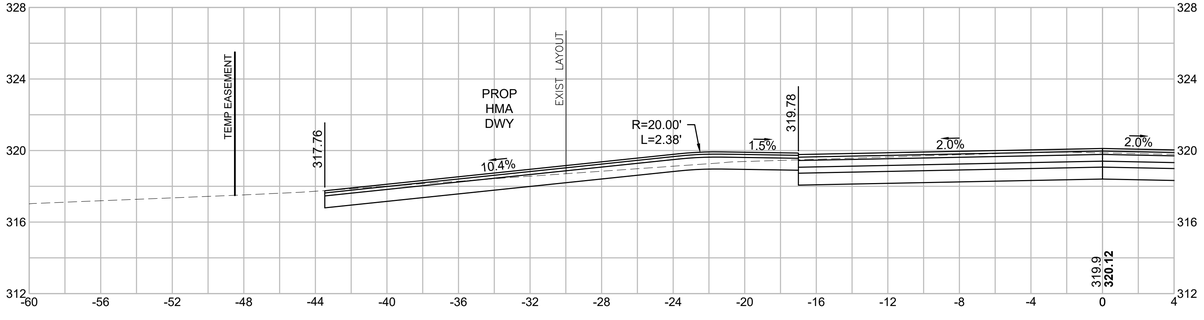
205+82



205+50



205+13



HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

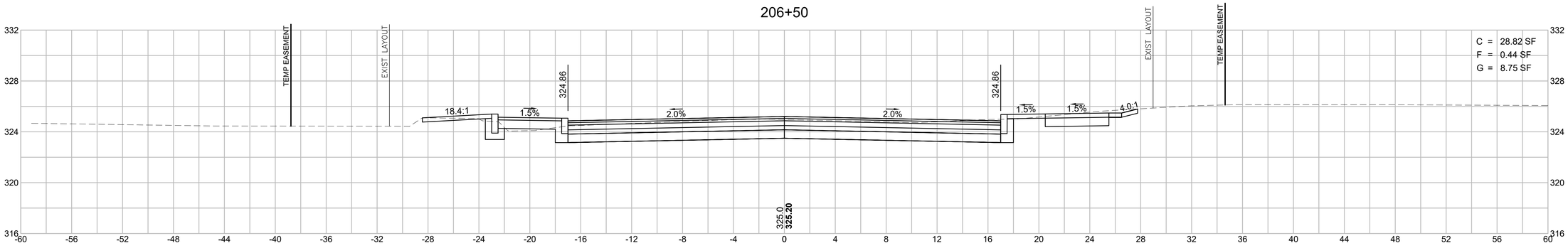
BELLINGHAM
SOUTH MAIN STREET (ROUTE 126)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	105	160
PROJECT FILE NO.	608887		

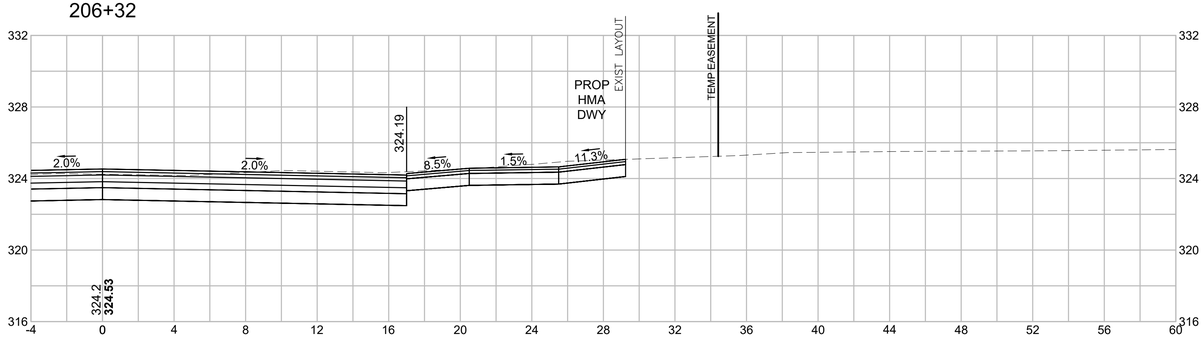
SOUTH MAIN STREET (ROUTE 126)
CROSS SECTIONS - 27

608887_HD\XS-ROUTE_126).DWG Plotted on 30-Oct-2020 9:53 AM

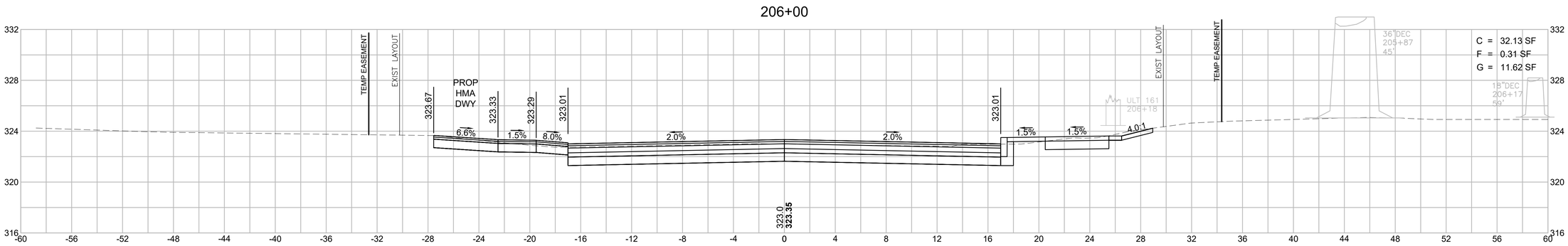
206+50



206+32



206+00



HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

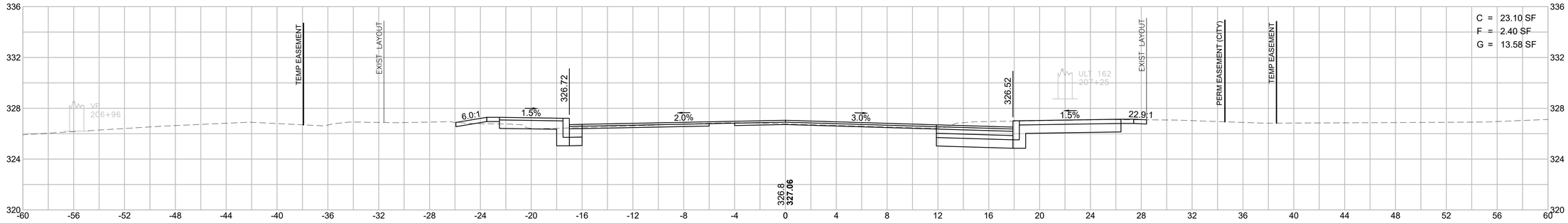
BELLINGHAM
SOUTH MAIN STREET (ROUTE 126)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	106	160
PROJECT FILE NO.	608887		

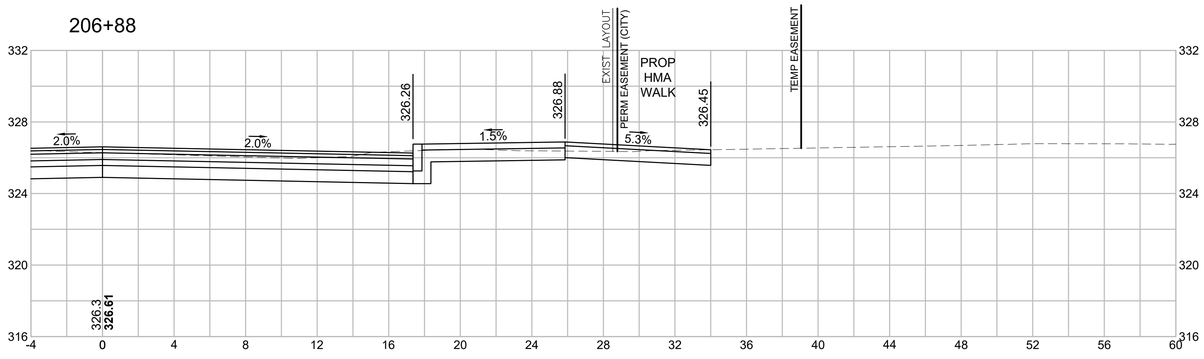
SOUTH MAIN STREET (ROUTE 126)
CROSS SECTIONS - 28

608887_HD\XS-ROUTE_126).DWG Plotted on 30-Oct-2020 9:53 AM

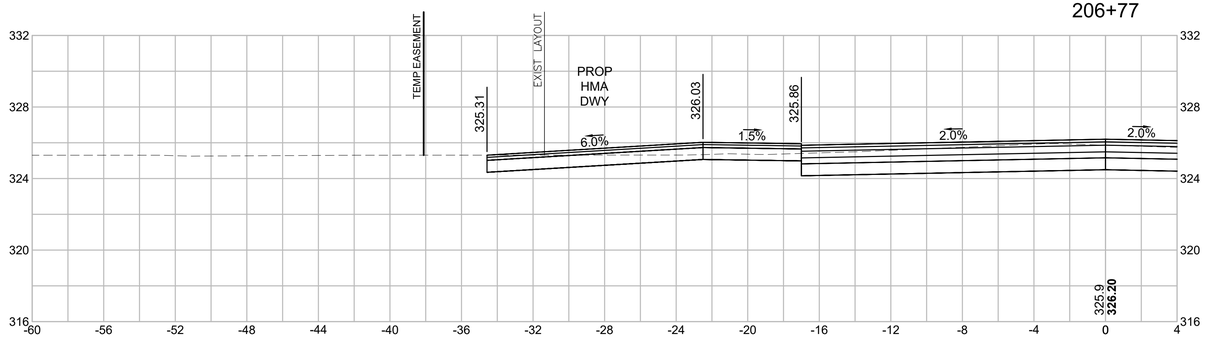
207+00



206+88



206+77



HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

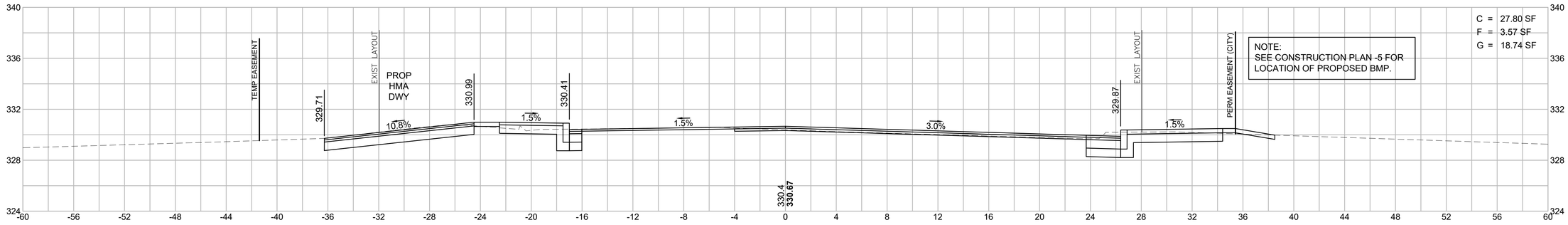
BELLINGHAM
SOUTH MAIN STREET (ROUTE 126)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	107	160
PROJECT FILE NO.	608887		

SOUTH MAIN STREET (ROUTE 126)
CROSS SECTIONS - 29

608887_HD(XS-ROUTE_126).DWG Plotted on 30-Oct-2020 9:54 AM

208+00



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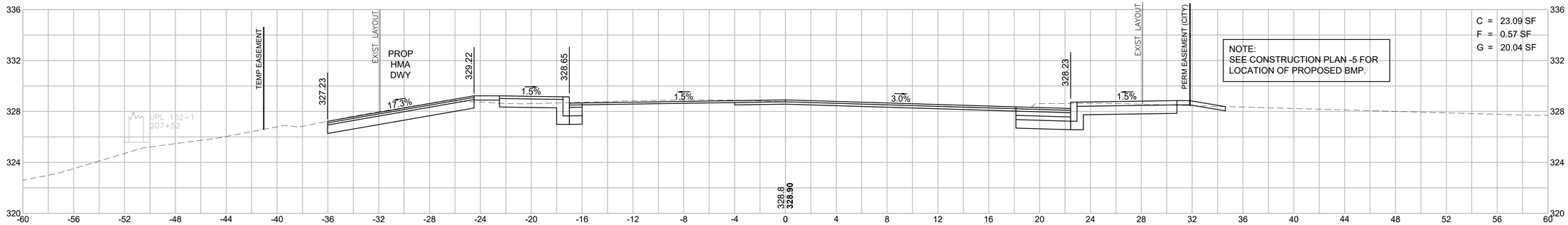
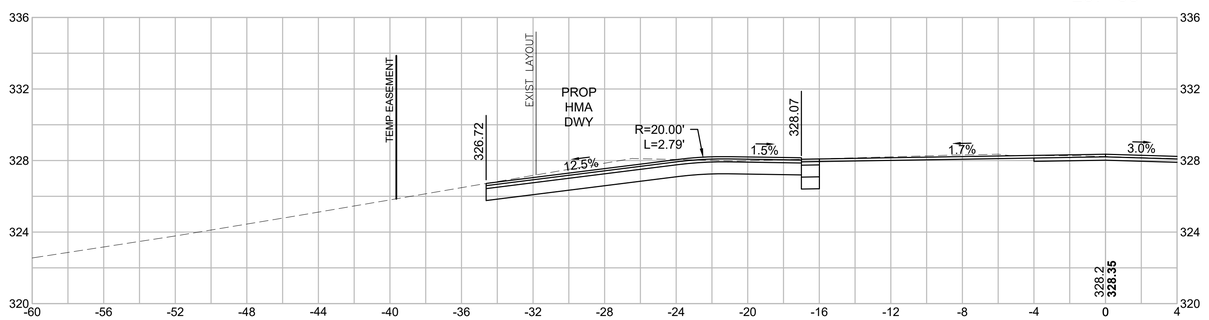


207+35



HOR. SCALE IN FEET
4 0 4 8
VER. SCALE IN FEET
4 0 4 8

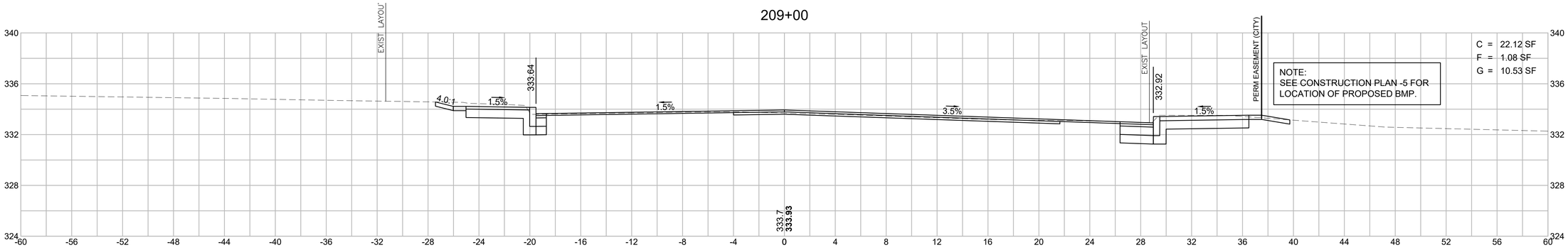
BELLINGHAM
SOUTH MAIN STREET (ROUTE 126)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	108	160
PROJECT FILE NO.	608887		

SOUTH MAIN STREET (ROUTE 126)
CROSS SECTIONS - 30

608887_HD(XS-ROUTE_126).DWG Plotted on 30-Oct-2020 9:54 AM

209+00



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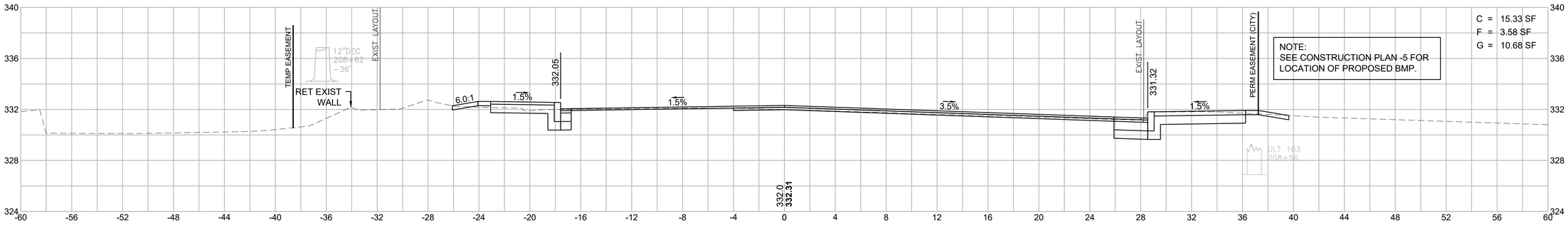
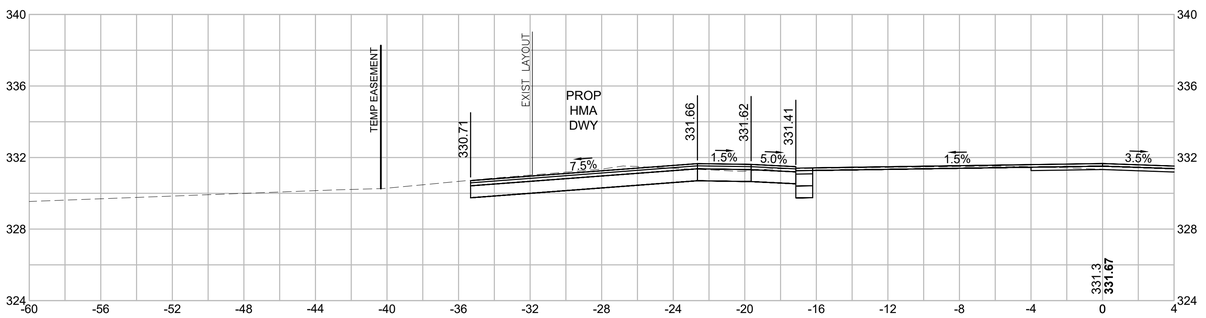


208+30



HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

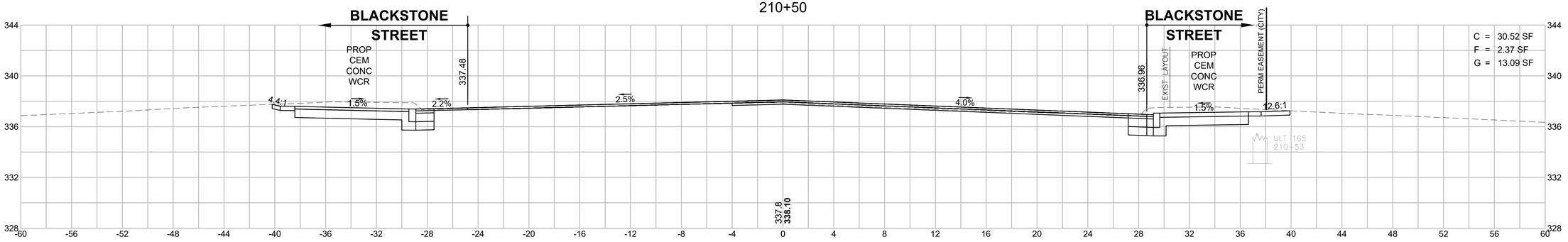
BELLINGHAM
SOUTH MAIN STREET (ROUTE 126)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	109	160
PROJECT FILE NO.	608887		

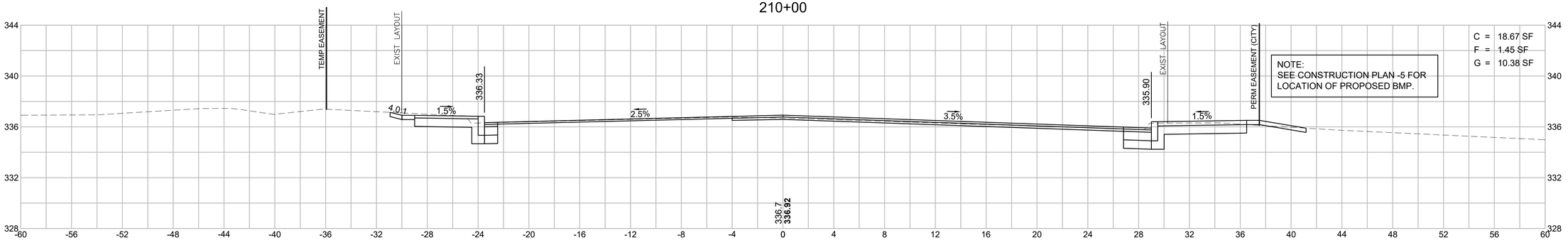
SOUTH MAIN STREET (ROUTE 126)
CROSS SECTIONS - 31

608887_HD\XS-ROUTE_126).DWG Plotted on 30-Oct-2020 9:54 AM

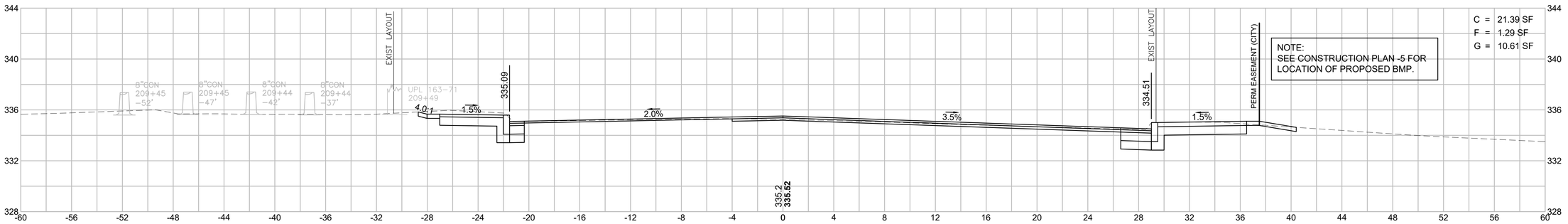
210+50



210+00



209+50



HOR. SCALE IN FEET
4 0 4 8
VER. SCALE IN FEET
4 0 4 8

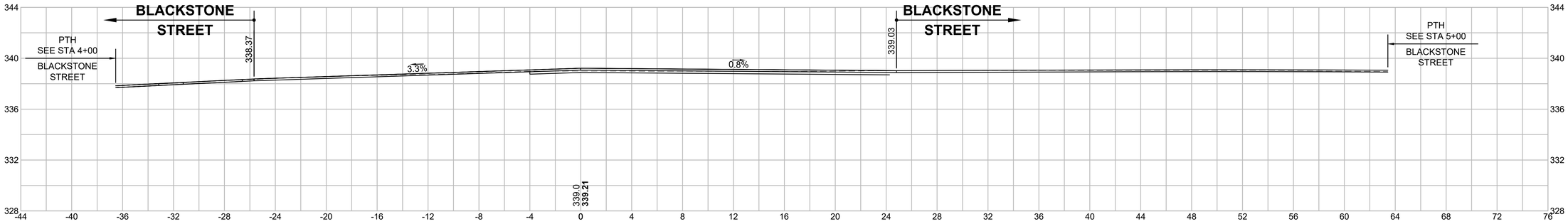
BELLINGHAM
SOUTH MAIN STREET (ROUTE 126)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	110	160
PROJECT FILE NO.	608887		

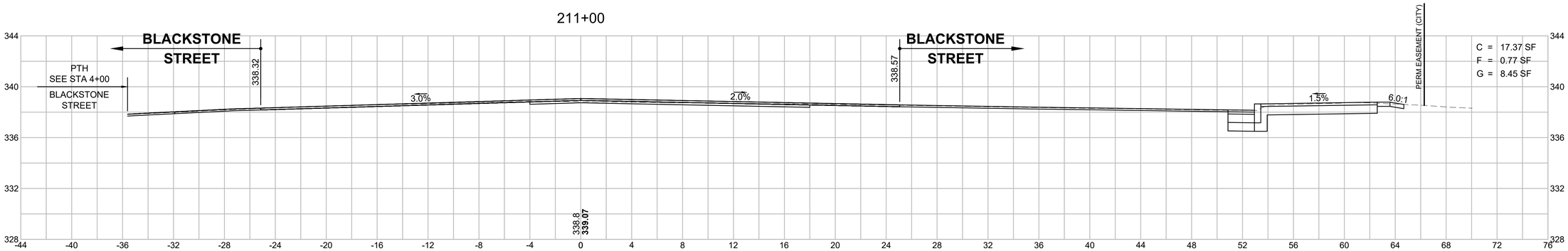
SOUTH MAIN STREET (ROUTE 126)
CROSS SECTIONS - 32

608887_HD\XS-ROUTE_126).DWG Plotted on 30-Oct-2020 9:55 AM

211+08.28



211+00



210+58

HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

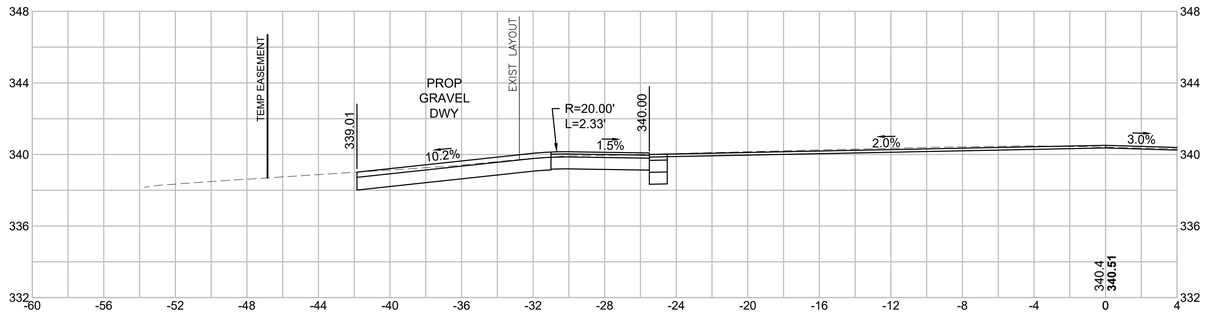
BELLINGHAM
SOUTH MAIN STREET (ROUTE 126)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	111	160
PROJECT FILE NO.	608887		

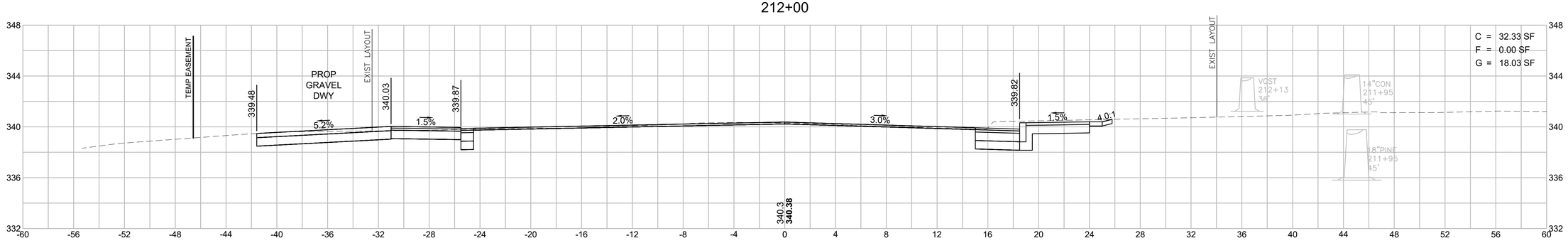
SOUTH MAIN STREET (ROUTE 126)
CROSS SECTIONS - 33

608887_HD\XS-ROUTE_126).DWG Plotted on 30-Oct-2020 9:55 AM

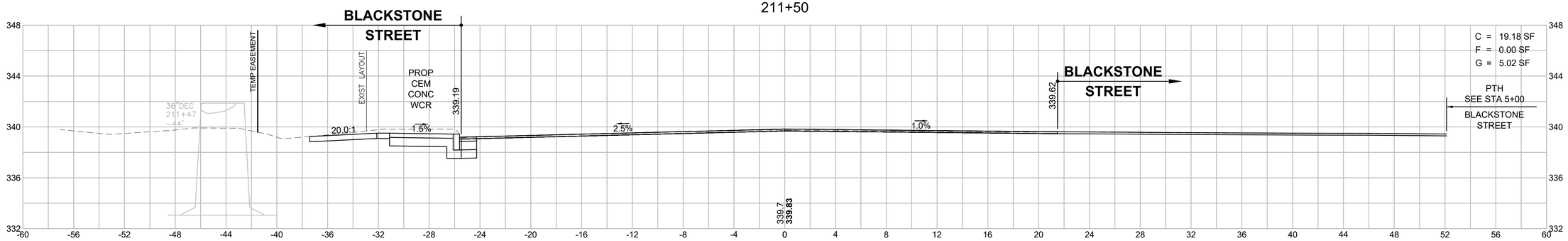
212+15



212+00



211+50



HOR. SCALE IN FEET
4 0 4 8
VER. SCALE IN FEET
4 0 4 8

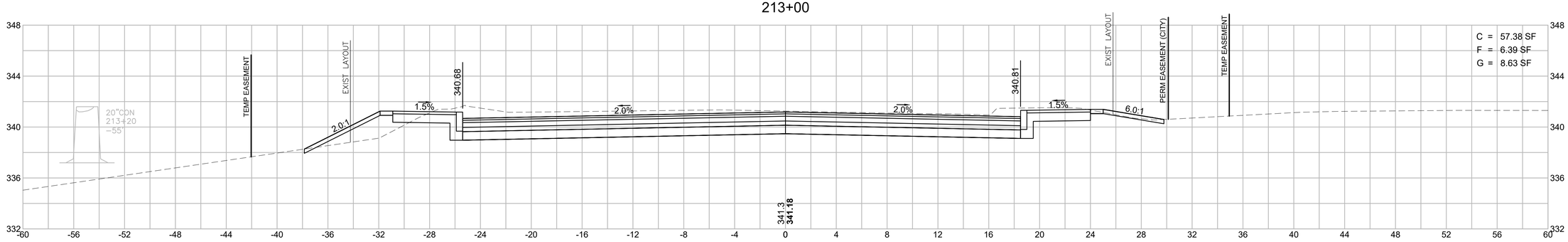
BELLINGHAM
SOUTH MAIN STREET (ROUTE 126)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	112	160
PROJECT FILE NO.	608887		

SOUTH MAIN STREET (ROUTE 126)
CROSS SECTIONS - 34

608887_HD(XS-ROUTE_126).DWG Plotted on 30-Oct-2020 9:56 AM

213+00



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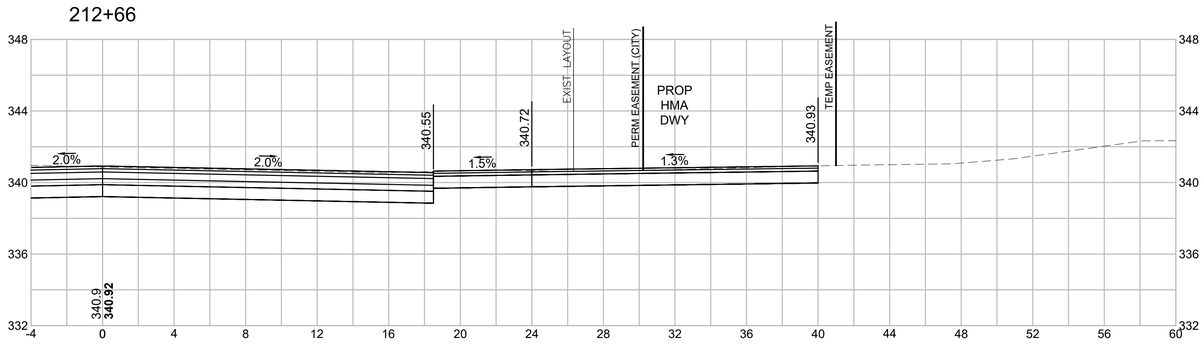
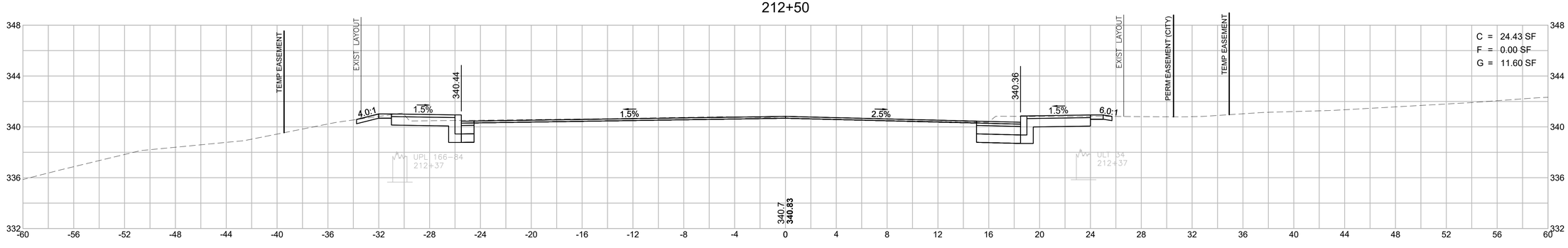


212+50



HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

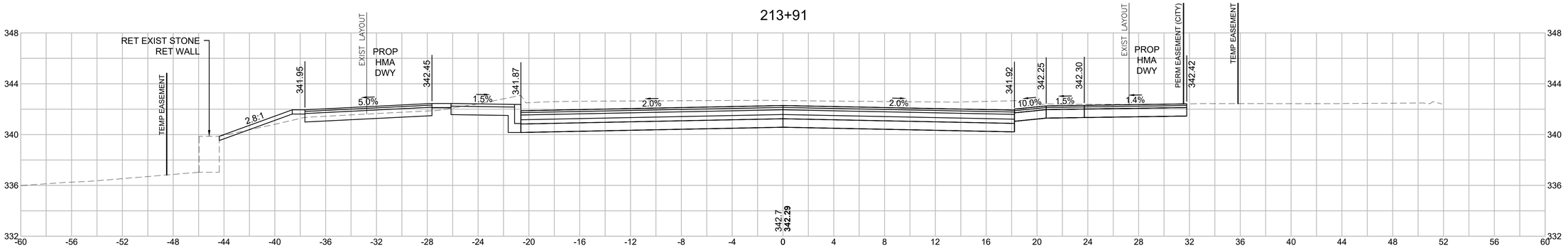
BELLINGHAM
SOUTH MAIN STREET (ROUTE 126)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	113	160
PROJECT FILE NO.	608887		

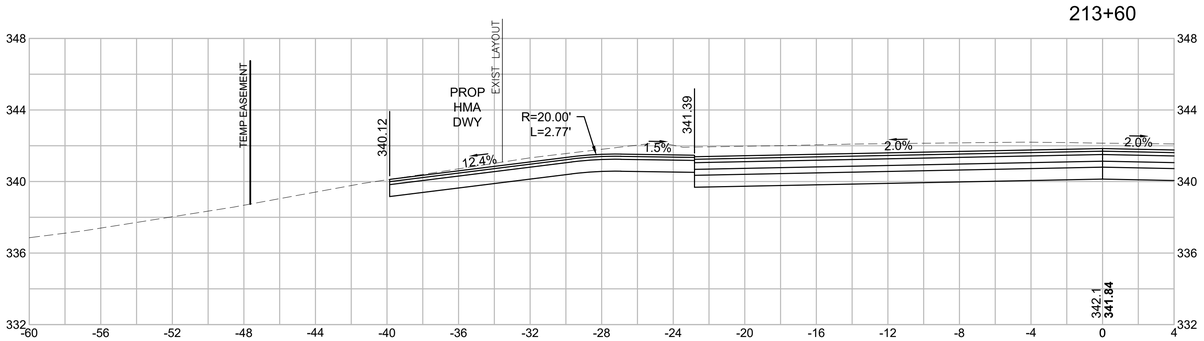
SOUTH MAIN STREET (ROUTE 126)
CROSS SECTIONS - 35

608887_HD(XS-ROUTE_126).DWG Plotted on 30-Oct-2020 9:56 AM

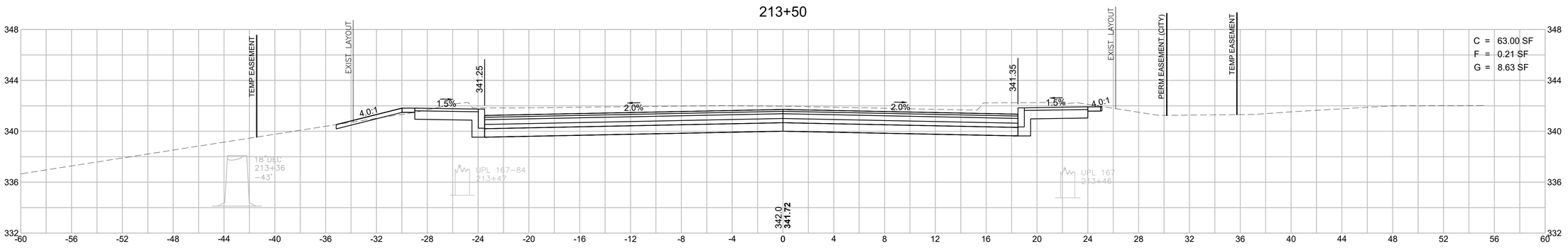
213+91



213+60



213+50



HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

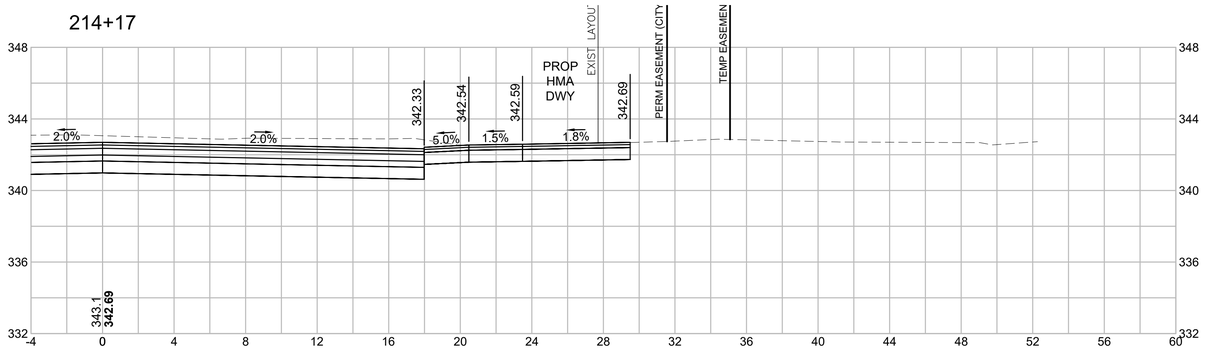
BELLINGHAM
SOUTH MAIN STREET (ROUTE 126)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	114	160
PROJECT FILE NO.	608887		

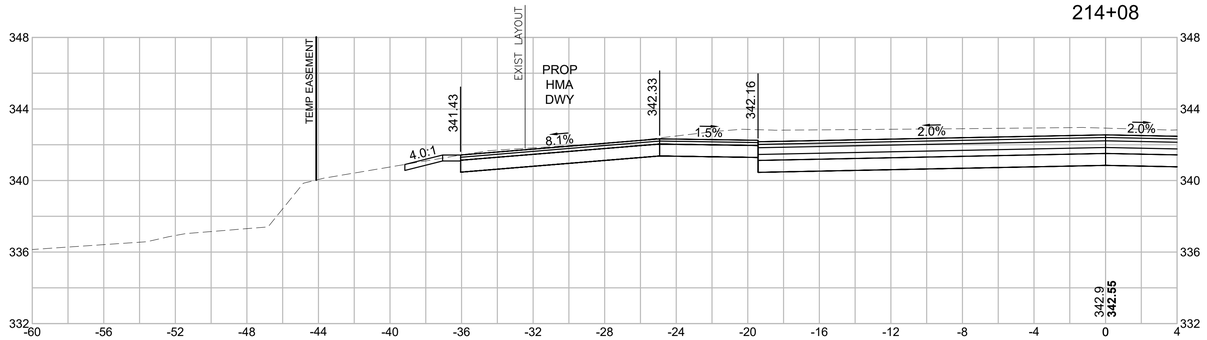
SOUTH MAIN STREET (ROUTE 126)
CROSS SECTIONS - 36

608887_HD\XS-ROUTE_126).DWG Plotted on 30-Oct-2020 9:57 AM

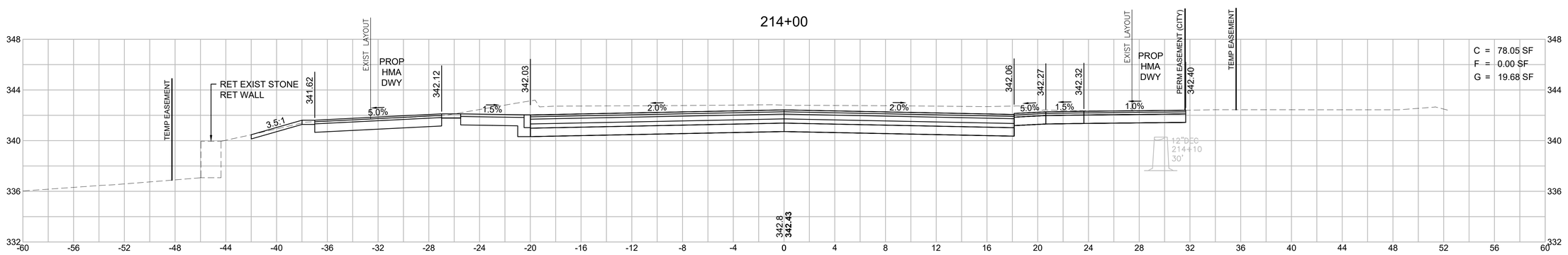
214+17



214+08



214+00



HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

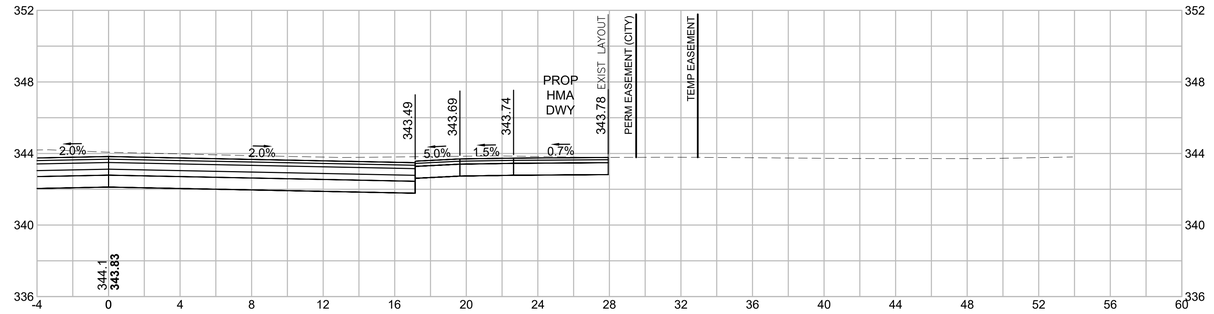
BELLINGHAM
SOUTH MAIN STREET (ROUTE 126)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	115	160
PROJECT FILE NO.	608887		

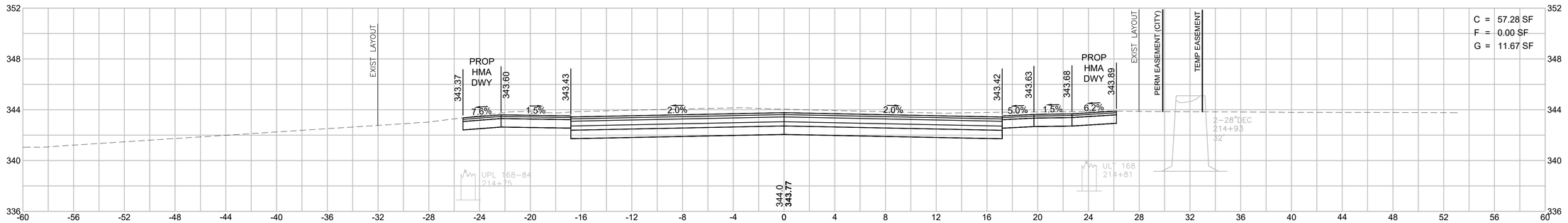
SOUTH MAIN STREET (ROUTE 126)
CROSS SECTIONS - 37

608887_HD\XS-ROUTE_126).DWG Plotted on 30-Oct-2020 9:57 AM

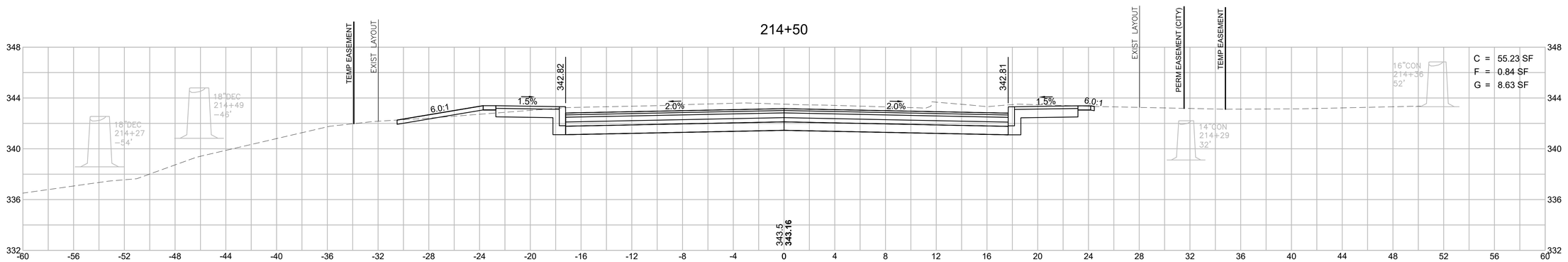
215+06



215+00



214+50



HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

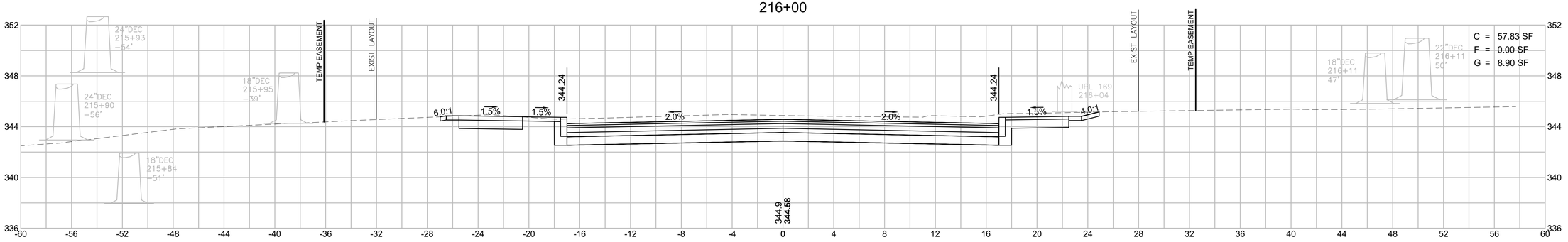
BELLINGHAM
SOUTH MAIN STREET (ROUTE 126)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	116	160
PROJECT FILE NO.	608887		

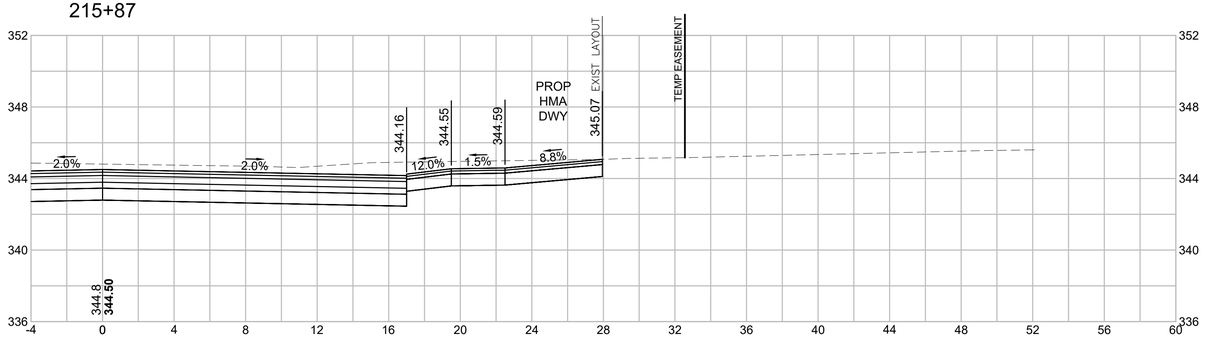
SOUTH MAIN STREET (ROUTE 126)
CROSS SECTIONS - 38

608887_HD(XS-ROUTE_126).DWG Plotted on 30-Oct-2020 9:57 AM

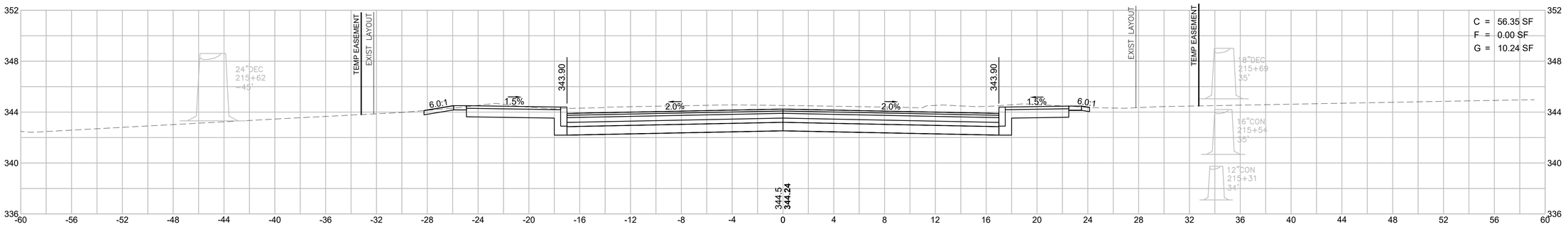
216+00



215+87



215+50



HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

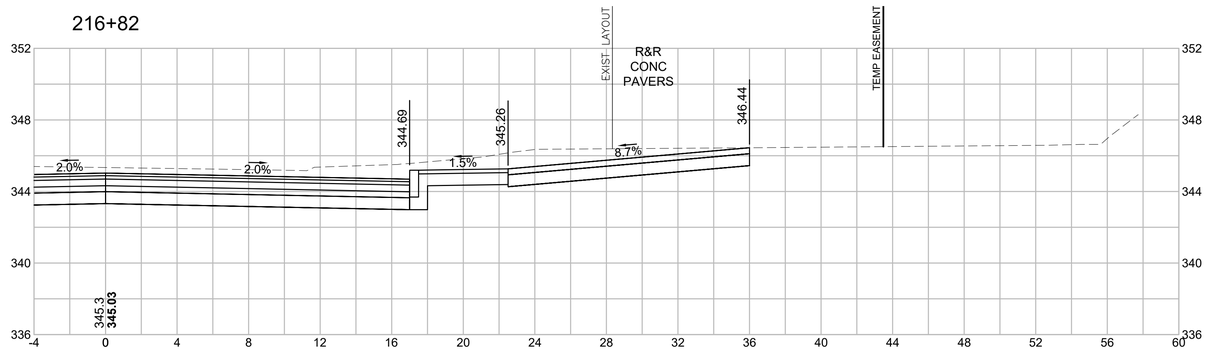
BELLINGHAM
SOUTH MAIN STREET (ROUTE 126)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	117	160
PROJECT FILE NO.	608887		

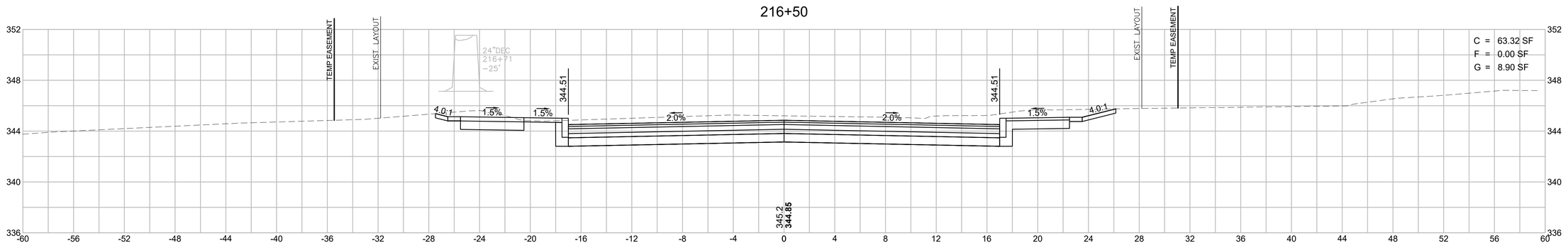
SOUTH MAIN STREET (ROUTE 126)
CROSS SECTIONS - 39

608887_HD\XS-ROUTE_126).DWG Plotted on 30-Oct-2020 9:58 AM

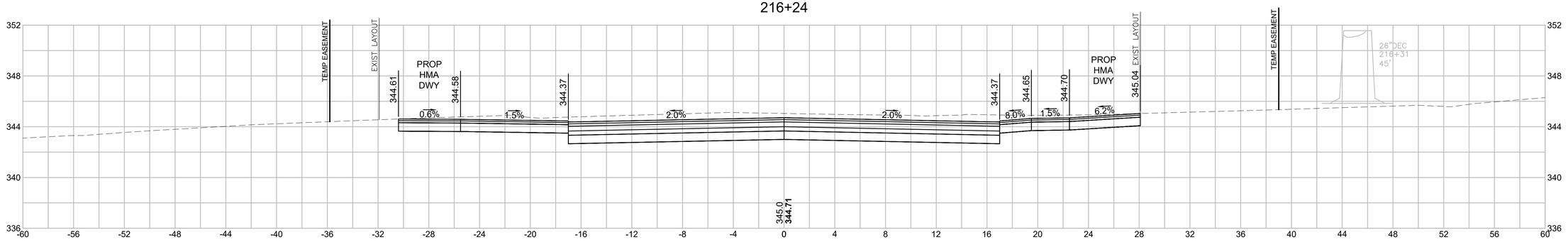
216+82



216+50



216+24



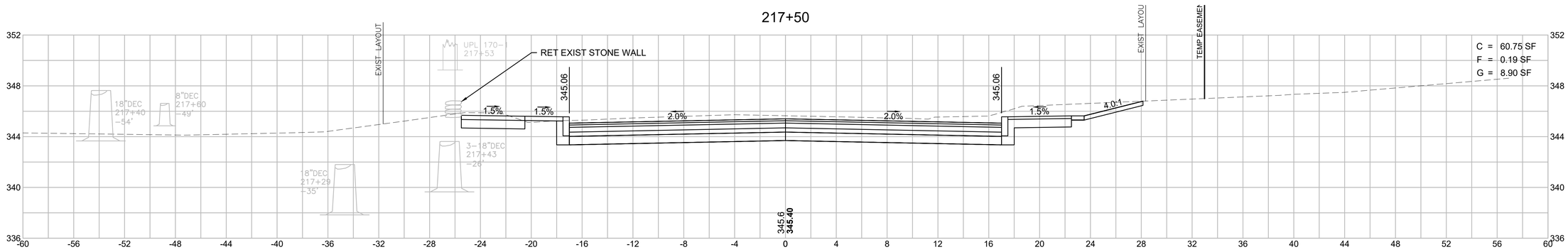
HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

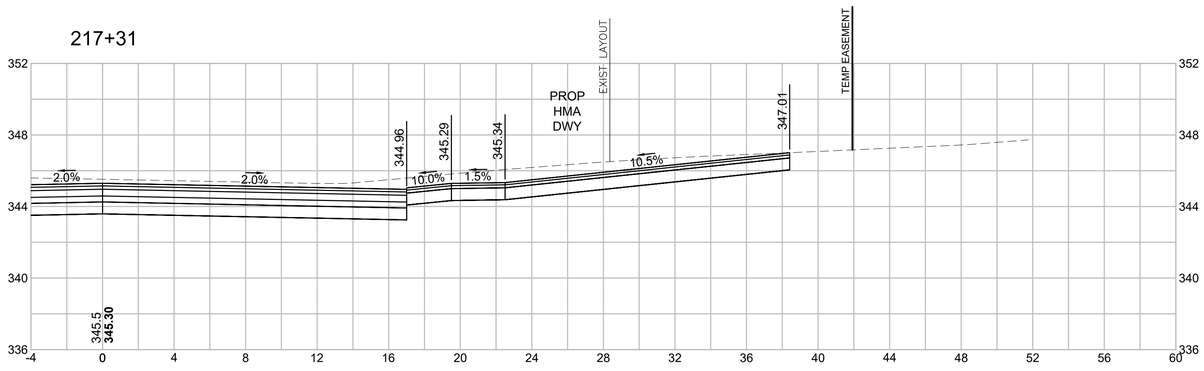
BELLINGHAM
SOUTH MAIN STREET (ROUTE 126)

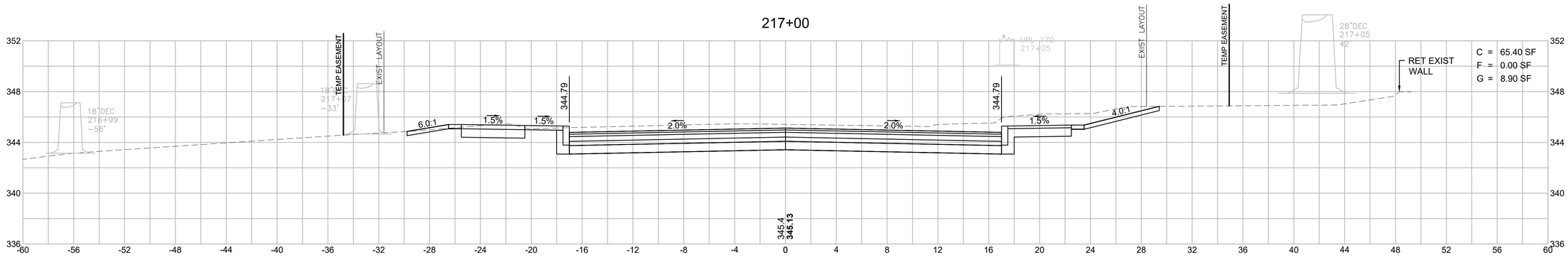
STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	118	160
PROJECT FILE NO.	608887		

SOUTH MAIN STREET (ROUTE 126)
CROSS SECTIONS - 40

608887_HD(XS-ROUTE_126).DWG Plotted on 30-Oct-2020 9:58 AM







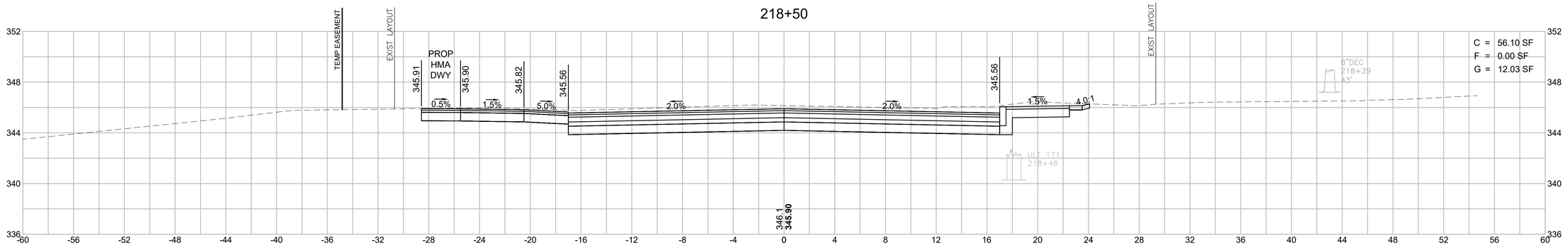
HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

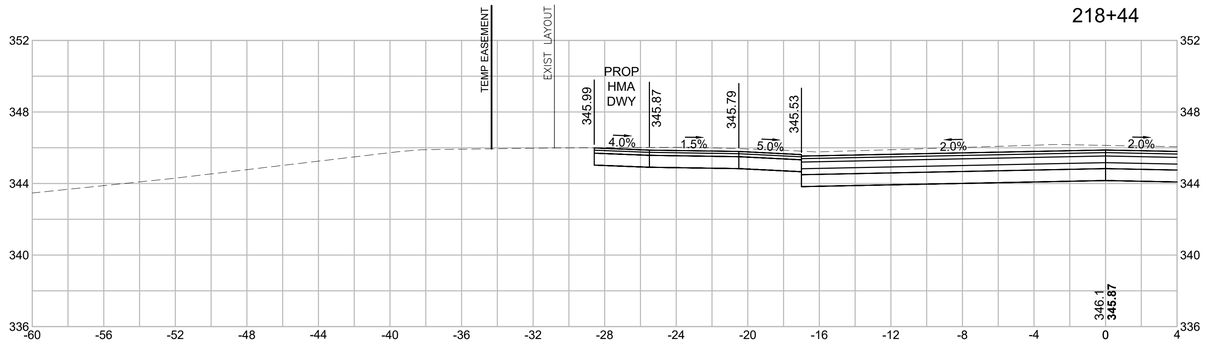
BELLINGHAM
SOUTH MAIN STREET (ROUTE 126)

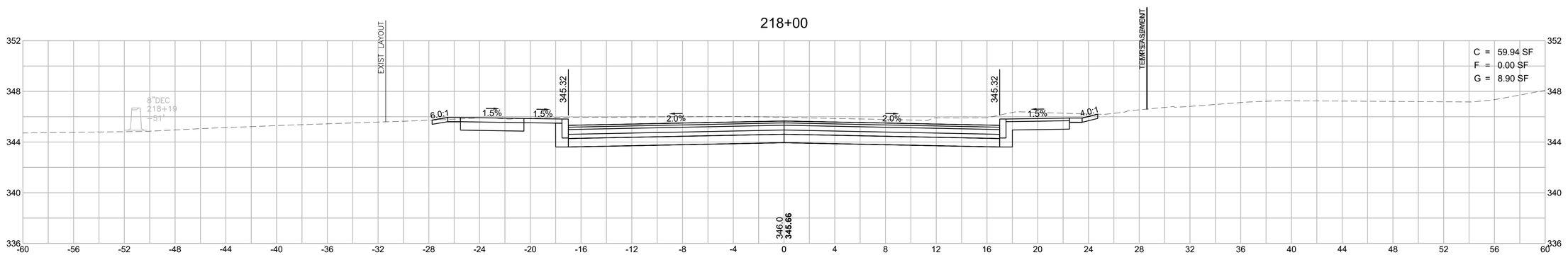
STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	119	160
PROJECT FILE NO.	608887		

SOUTH MAIN STREET (ROUTE 126)
CROSS SECTIONS - 41

608887_HD(XS-ROUTE_126).DWG Plotted on 30-Oct-2020 9:59 AM







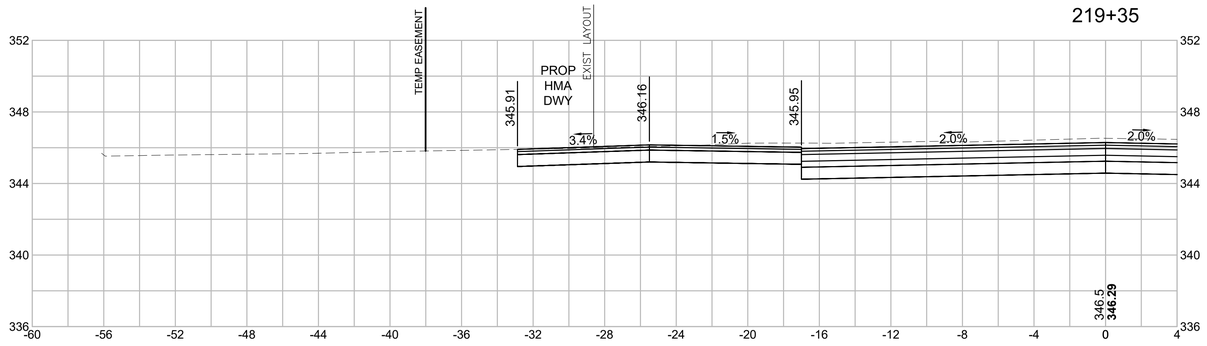
HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

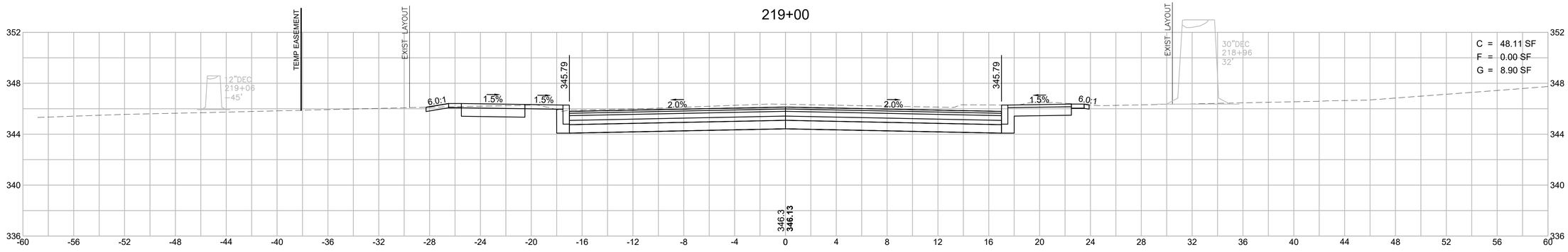
BELLINGHAM
SOUTH MAIN STREET (ROUTE 126)

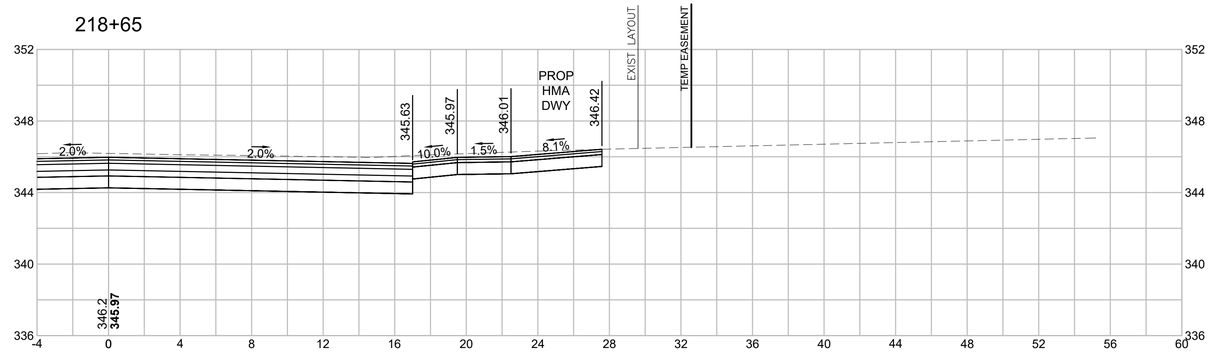
STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	120	160
PROJECT FILE NO.	608887		

SOUTH MAIN STREET (ROUTE 126)
CROSS SECTIONS - 42

608887_HD\XS-ROUTE_126).DWG Plotted on 30-Oct-2020 9:59 AM







HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

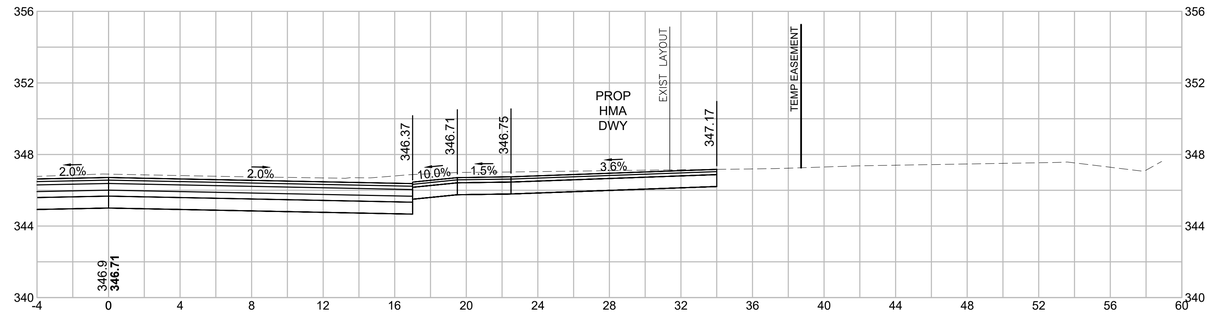
BELLINGHAM
SOUTH MAIN STREET (ROUTE 126)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	121	160
PROJECT FILE NO.	608887		

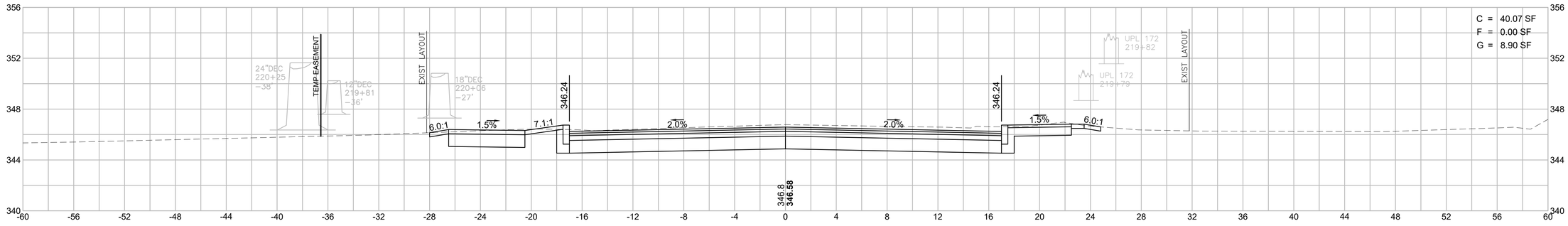
SOUTH MAIN STREET (ROUTE 126)
CROSS SECTIONS - 43

608887_HD\XS-ROUTE_126).DWG Plotted on 30-Oct-2020 10:00 AM

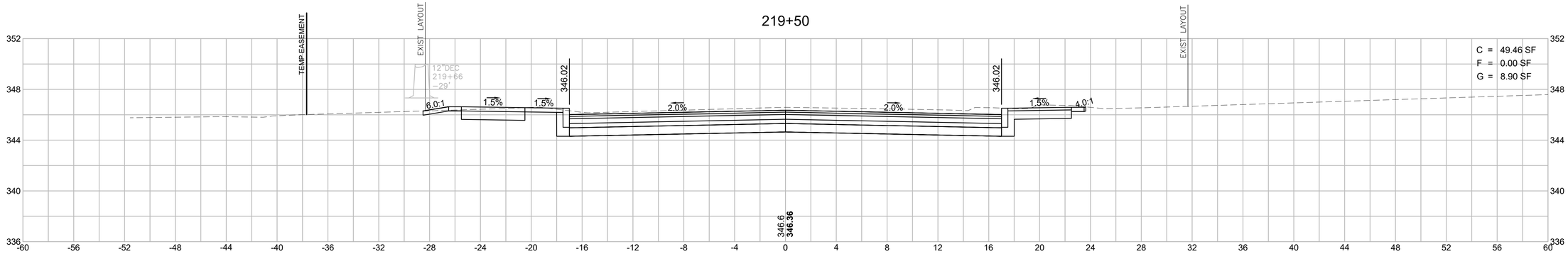
220+27



220+00



219+50



HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

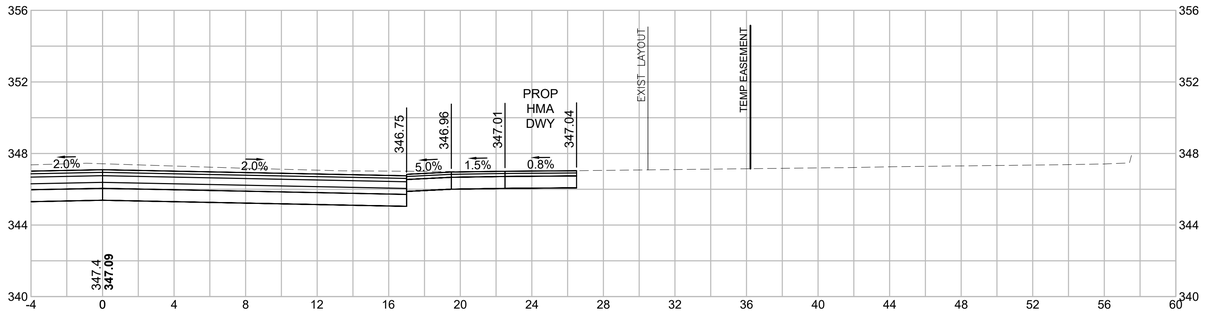
BELLINGHAM
SOUTH MAIN STREET (ROUTE 126)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	122	160
PROJECT FILE NO.	608887		

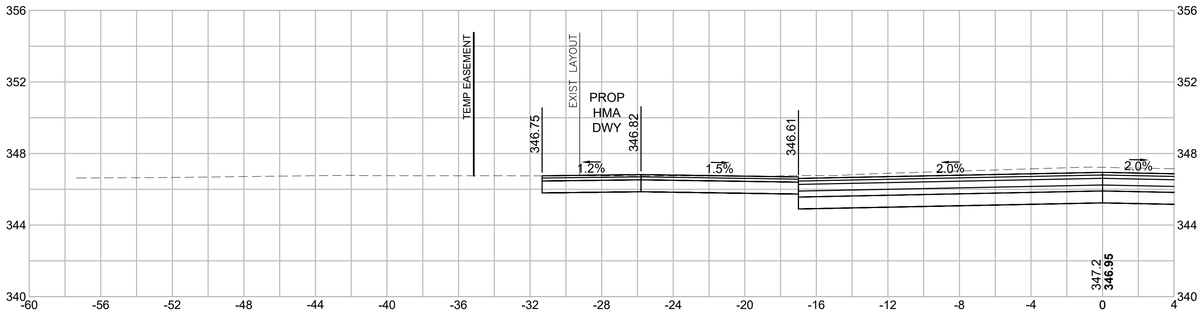
SOUTH MAIN STREET (ROUTE 126)
CROSS SECTIONS - 44

608887_HD\XS-ROUTE_126).DWG Plotted on 30-Oct-2020 10:00 AM

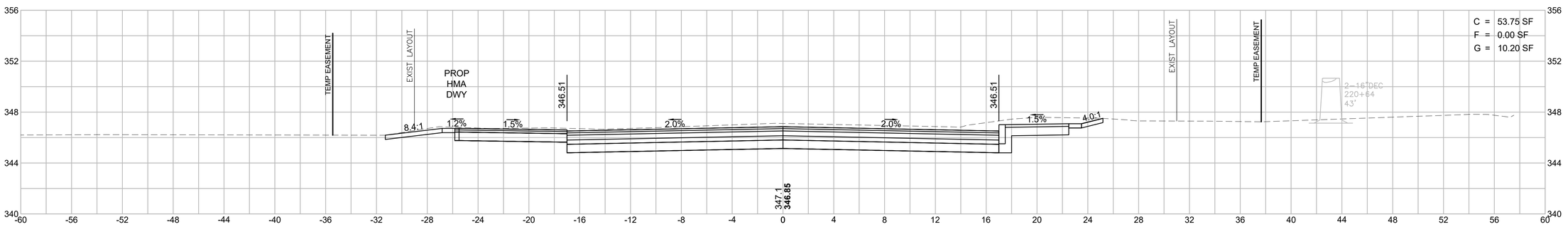
220+81



220+63



220+50



HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

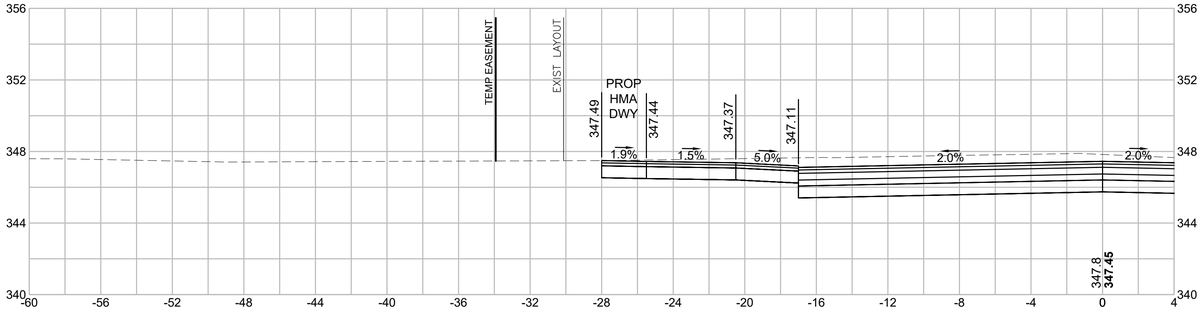
BELLINGHAM
SOUTH MAIN STREET (ROUTE 126)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	123	160
PROJECT FILE NO.	608887		

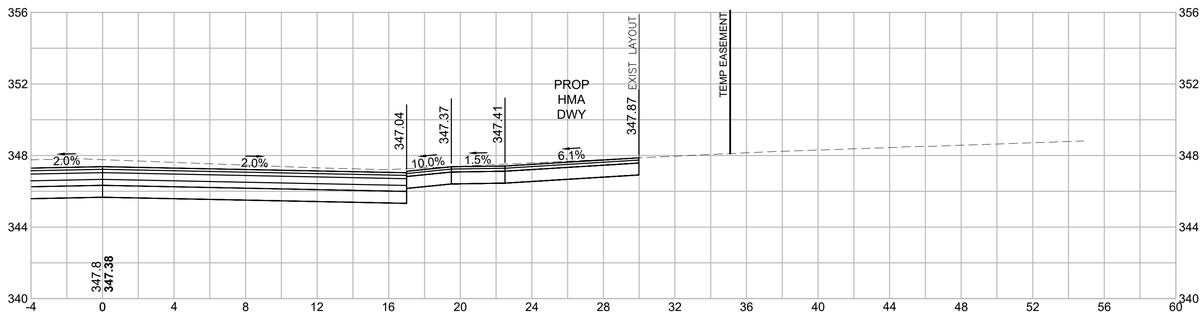
SOUTH MAIN STREET (ROUTE 126)
CROSS SECTIONS - 45

608887_HD\XS-ROUTE_126).DWG Plotted on 30-Oct-2020 10:00 AM

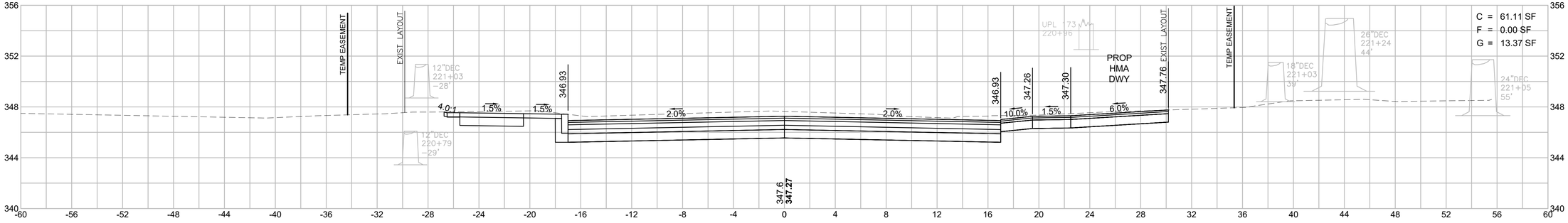
221+18



221+11



221+00



HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

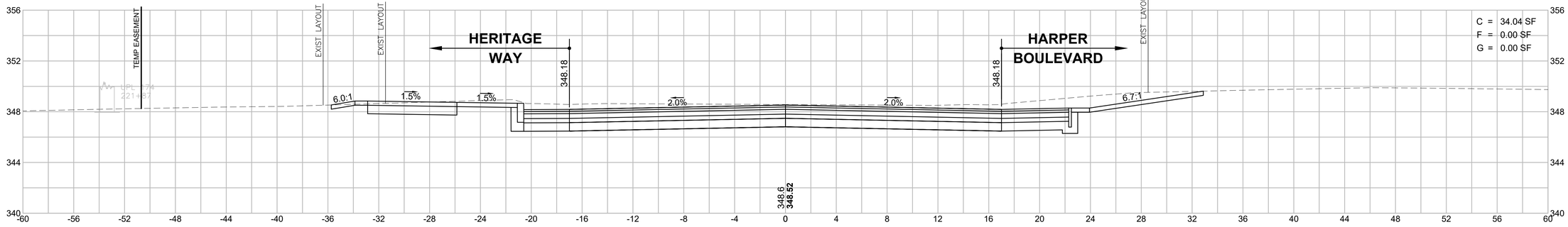
BELLINGHAM
SOUTH MAIN STREET (ROUTE 126)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	124	160
PROJECT FILE NO.	608887		

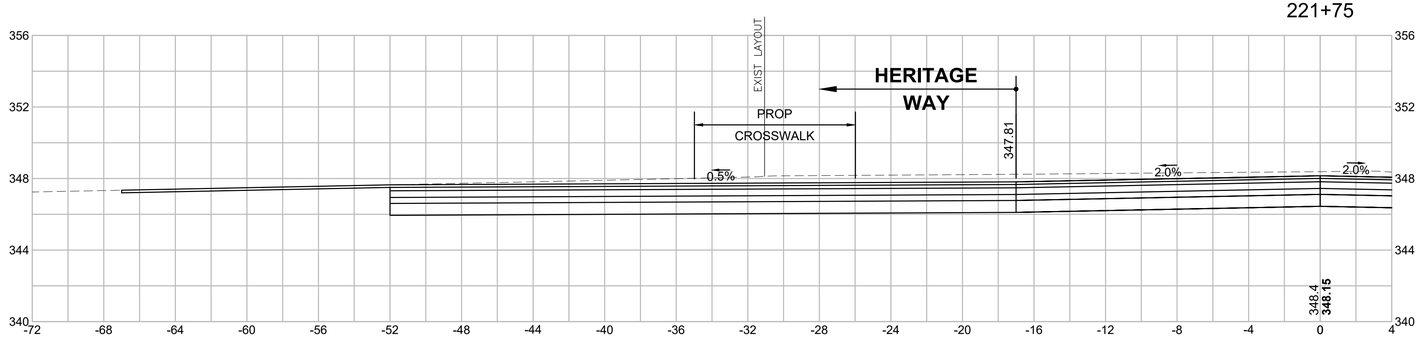
SOUTH MAIN STREET (ROUTE 126)
CROSS SECTIONS - 46

608887_HD(XS-ROUTE_126).DWG Plotted on 30-Oct-2020 10:01 AM

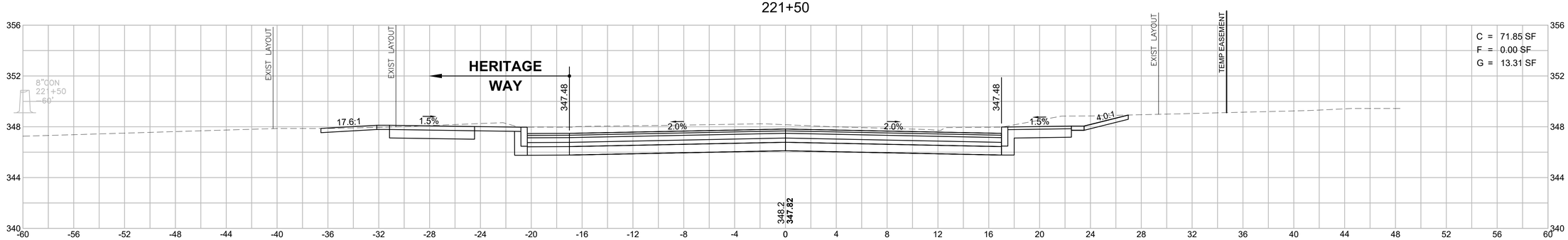
222+00



221+75



221+50



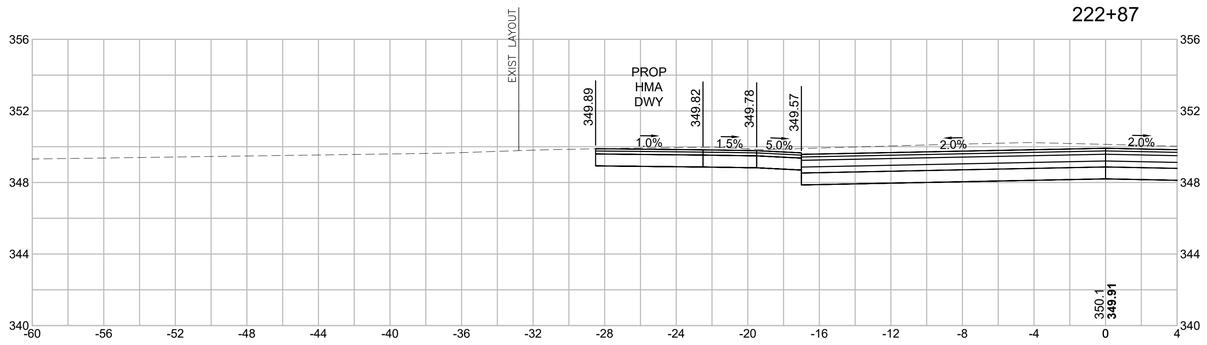
HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

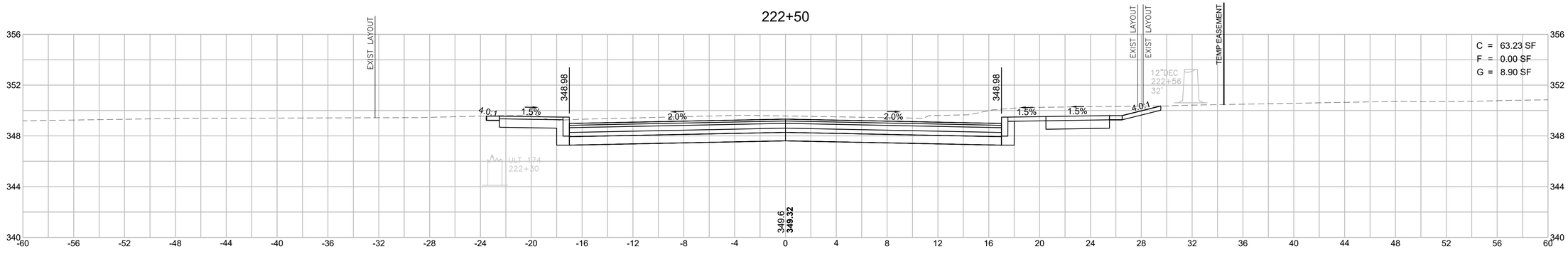
BELLINGHAM
SOUTH MAIN STREET (ROUTE 126)

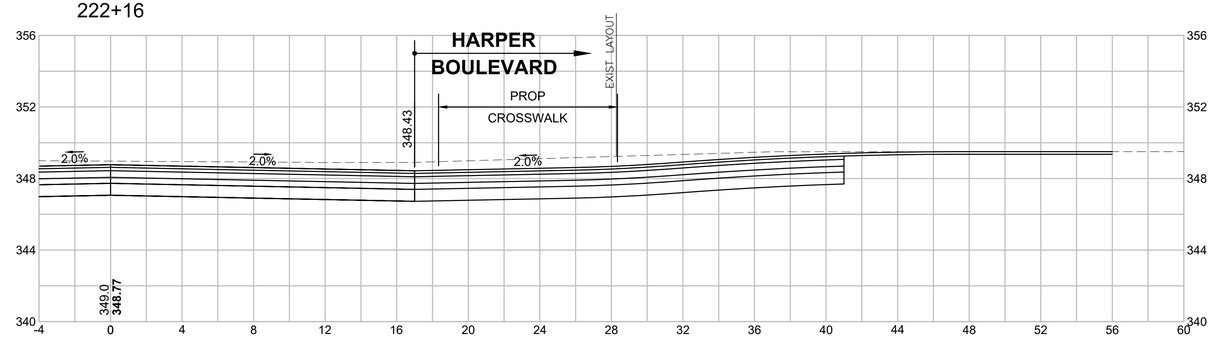
STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	125	160
PROJECT FILE NO.	608887		

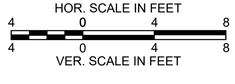
SOUTH MAIN STREET (ROUTE 126)
CROSS SECTIONS - 47

608887_HD\XS-ROUTE_126).DWG Plotted on 30-Oct-2020 10:01 AM









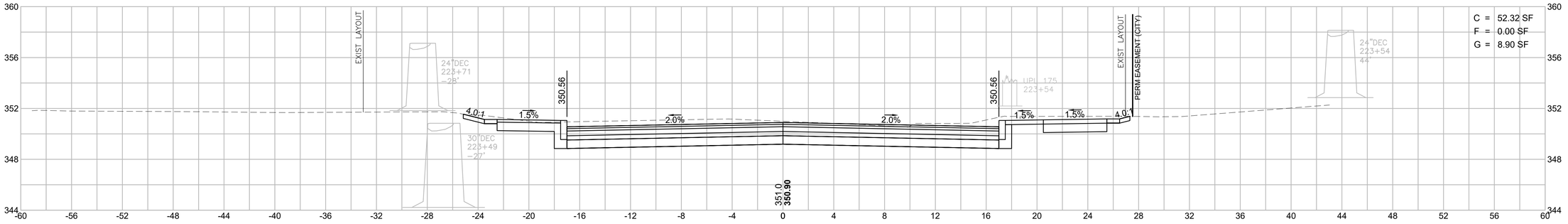
BELLINGHAM
SOUTH MAIN STREET (ROUTE 126)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	126	160
PROJECT FILE NO.	608887		

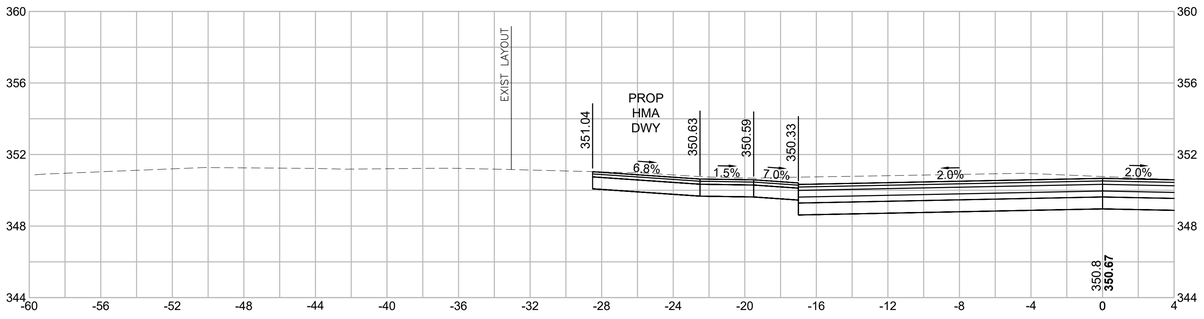
SOUTH MAIN STREET (ROUTE 126)
CROSS SECTIONS - 48

608887_HD(XS-ROUTE_126).DWG Plotted on 30-Oct-2020 10:02 AM

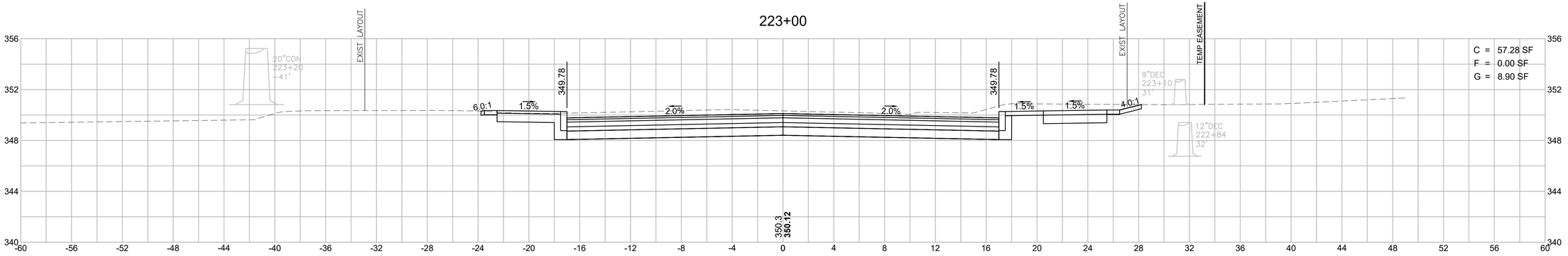
223+50



223+35



223+00



HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

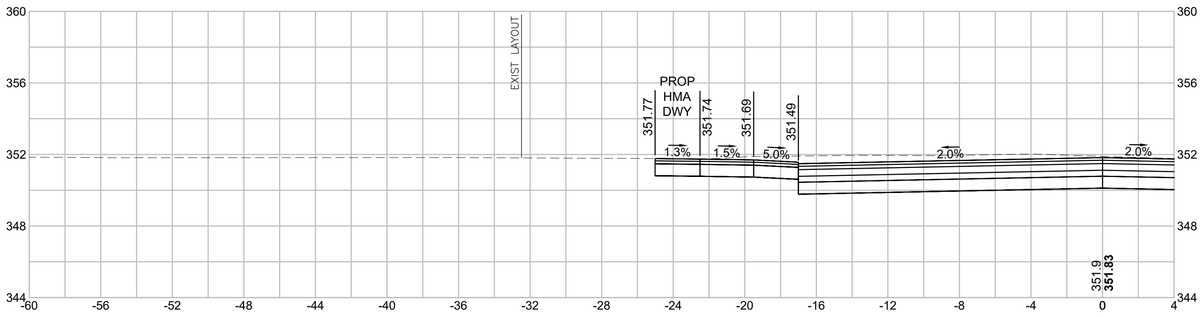
BELLINGHAM
SOUTH MAIN STREET (ROUTE 126)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	127	160
PROJECT FILE NO.	608887		

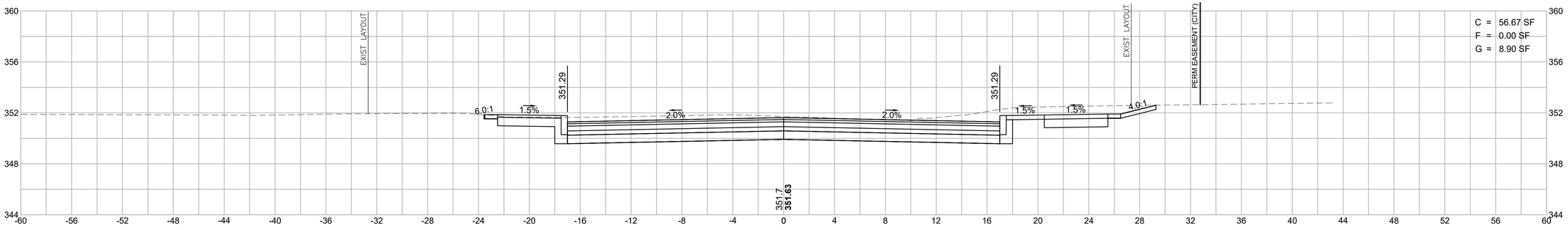
SOUTH MAIN STREET (ROUTE 126)
CROSS SECTIONS - 49

608887_HD\XS-ROUTE_126).DWG Plotted on 30-Oct-2020 10:02 AM

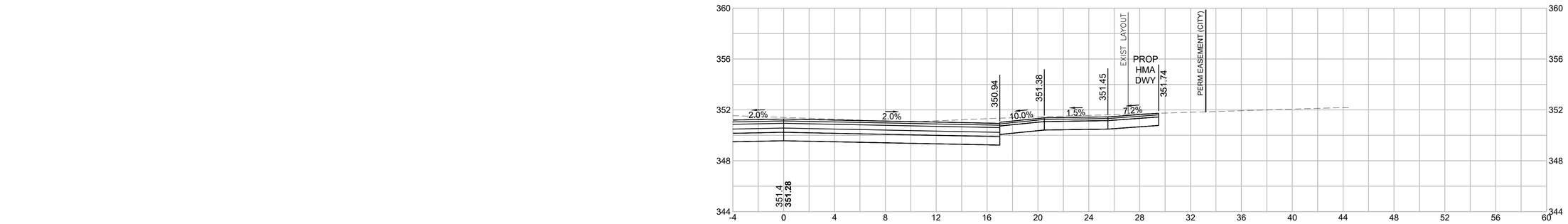
224+14



224+00



223+76



HOR. SCALE IN FEET
4 0 4 8

4 0 4 8
VER. SCALE IN FEET

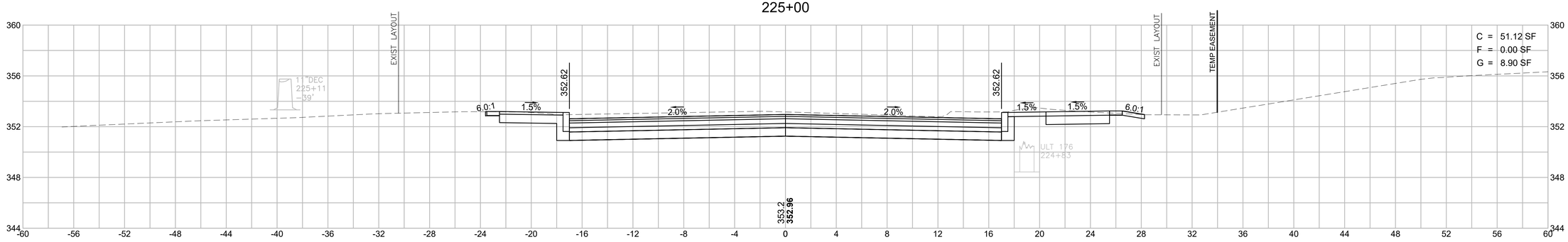
BELLINGHAM
SOUTH MAIN STREET (ROUTE 126)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	128	160
PROJECT FILE NO.	608887		

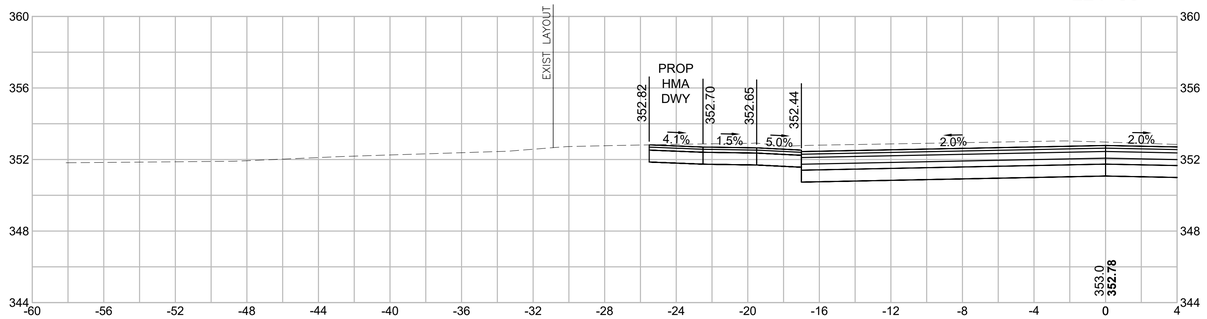
SOUTH MAIN STREET (ROUTE 126)
CROSS SECTIONS - 50

608887_HD(XS-ROUTE_126).DWG Plotted on 30-Oct-2020 10:03 AM

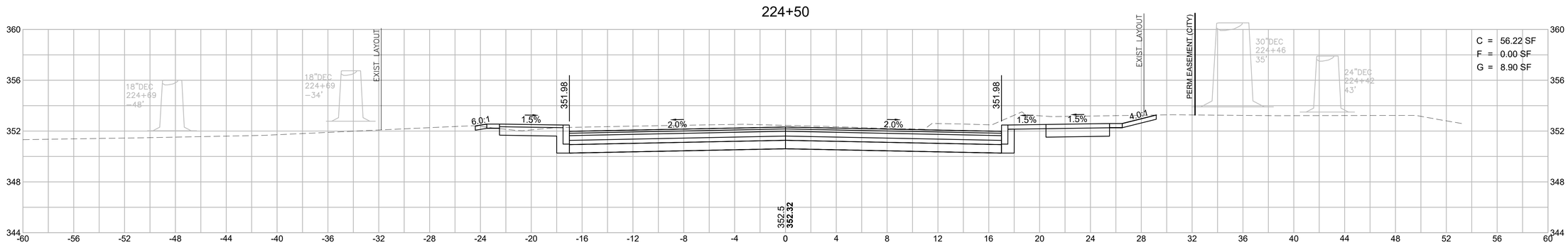
225+00



224+86



224+50



HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

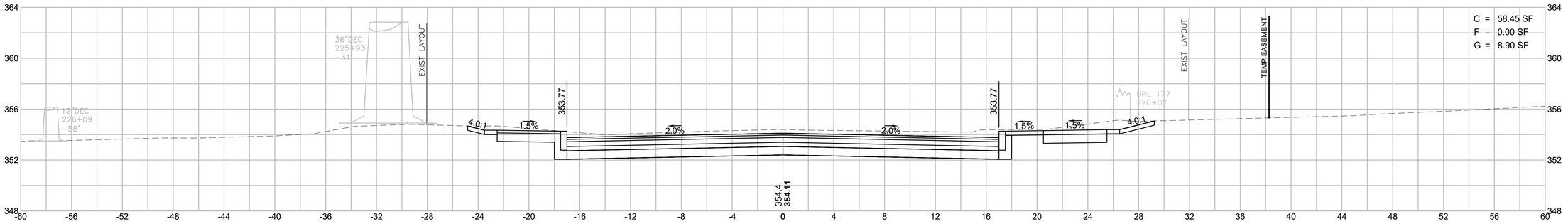
BELLINGHAM
SOUTH MAIN STREET (ROUTE 126)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	129	160
PROJECT FILE NO.	608887		

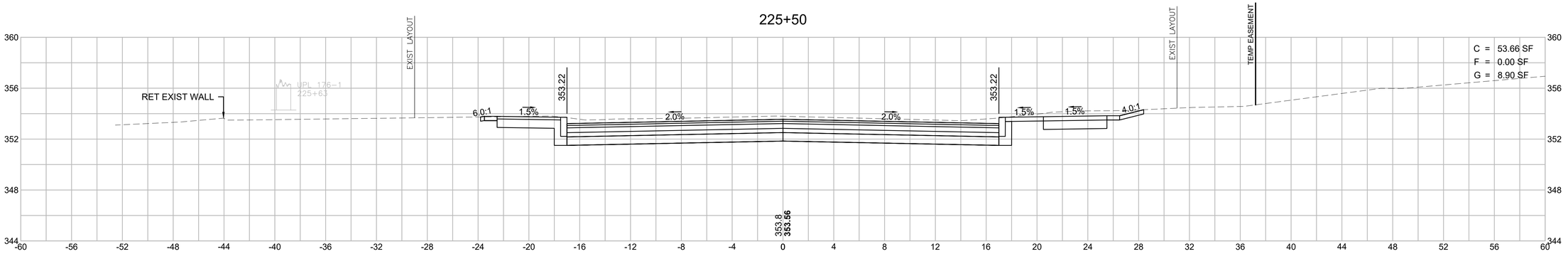
SOUTH MAIN STREET (ROUTE 126)
CROSS SECTIONS - 51

608887_HD\XS-ROUTE_126).DWG Plotted on 30-Oct-2020 10:03 AM

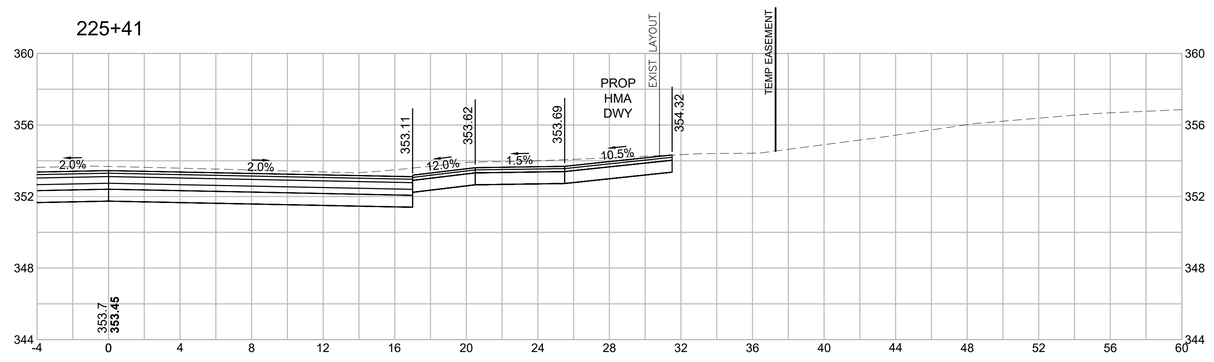
226+00



225+50



225+41



HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

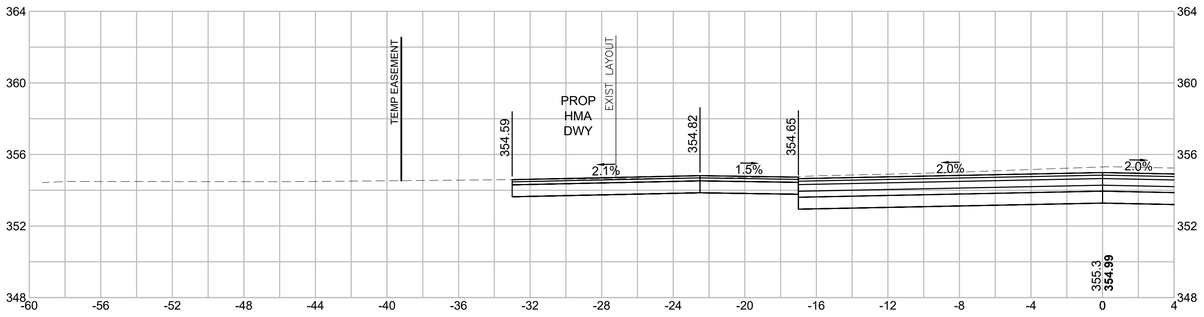
BELLINGHAM
SOUTH MAIN STREET (ROUTE 126)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	130	160
PROJECT FILE NO.	608887		

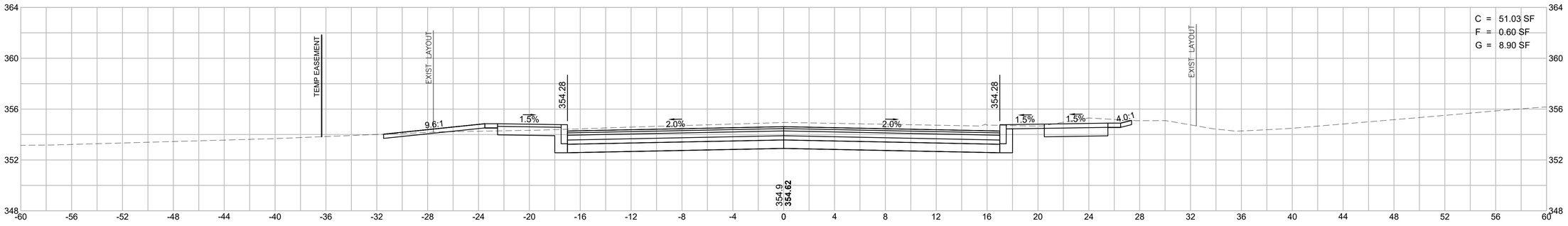
SOUTH MAIN STREET (ROUTE 126)
CROSS SECTIONS - 52

608887_HD\XS-ROUTE_126).DWG Plotted on 30-Oct-2020 10:04 AM

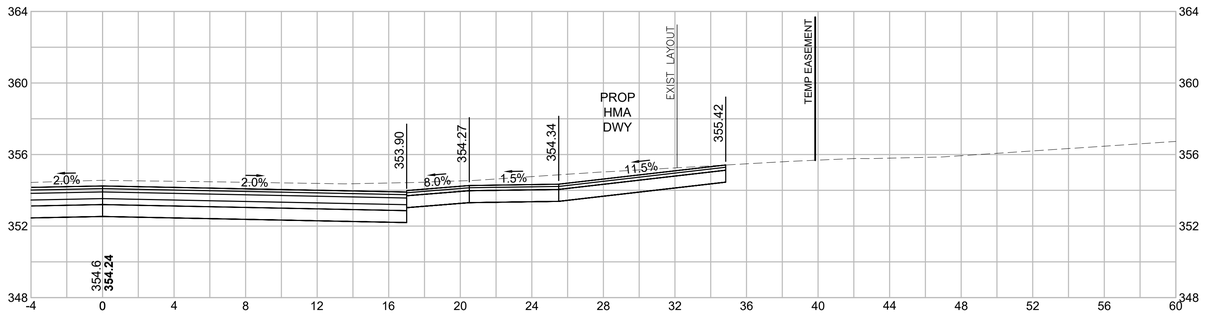
226+90



226+50



226+13



HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

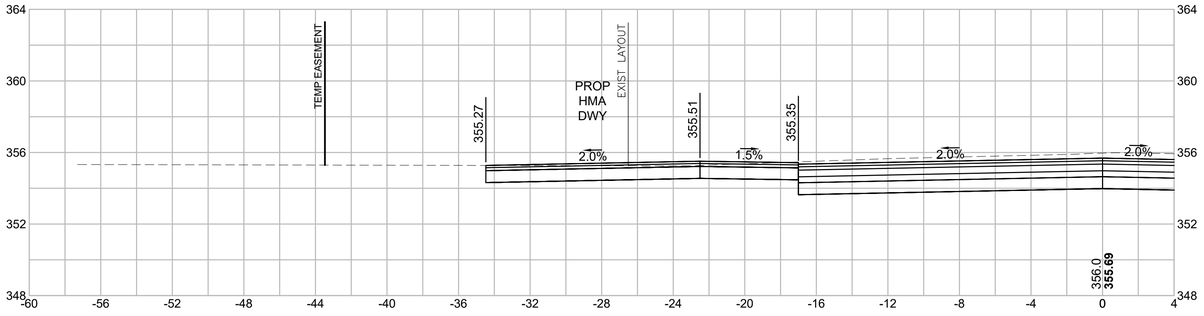
BELLINGHAM
SOUTH MAIN STREET (ROUTE 126)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	131	160
PROJECT FILE NO.	608887		

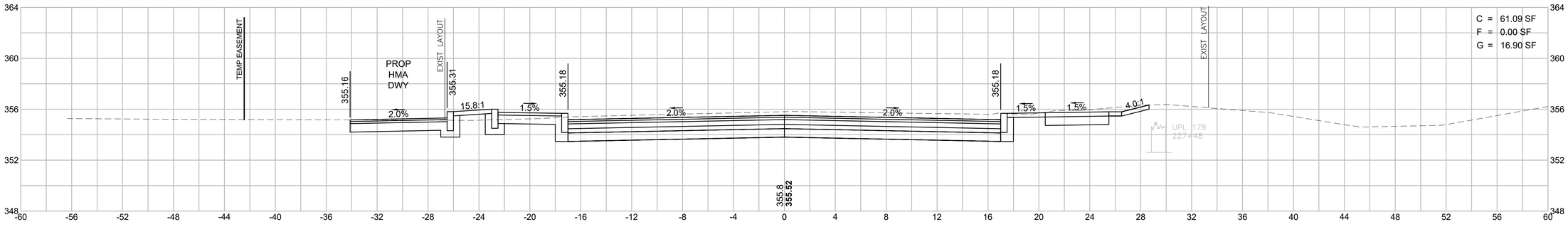
SOUTH MAIN STREET (ROUTE 126)
CROSS SECTIONS - 53

608887_HD\XS-ROUTE_126).DWG Plotted on 30-Oct-2020 10:04 AM

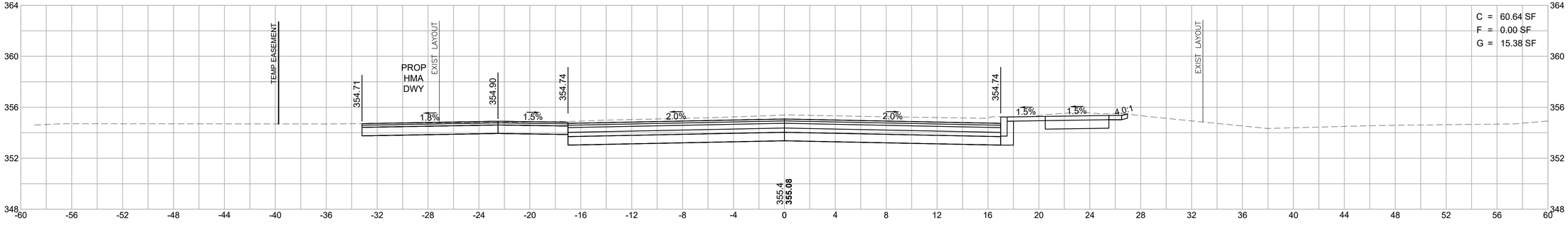
227+69



227+50



227+00



HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

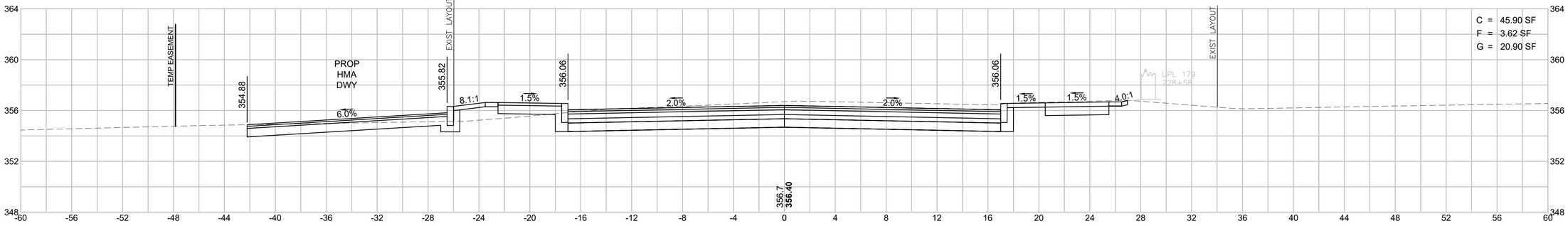
BELLINGHAM
SOUTH MAIN STREET (ROUTE 126)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	132	160
PROJECT FILE NO.	608887		

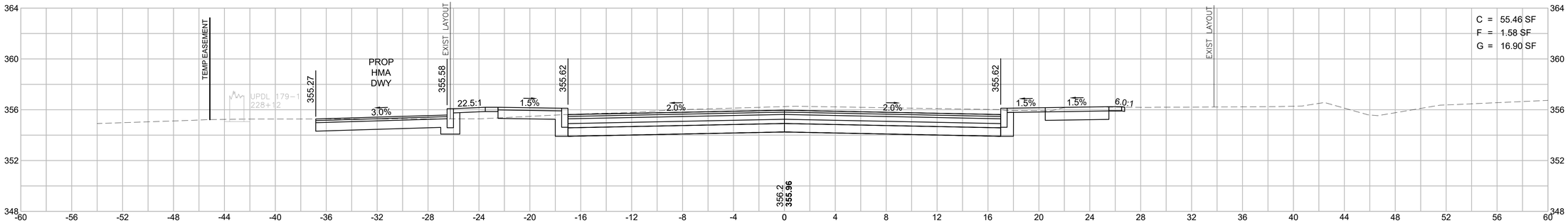
SOUTH MAIN STREET (ROUTE 126)
CROSS SECTIONS - 54

608887_HD(XS-ROUTE_126).DWG Plotted on 30-Oct-2020 10:05 AM

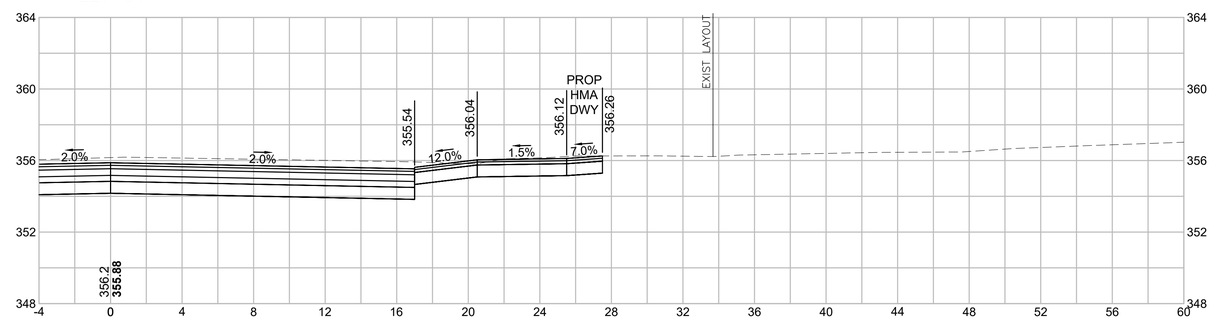
228+50



228+00



227+91



HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

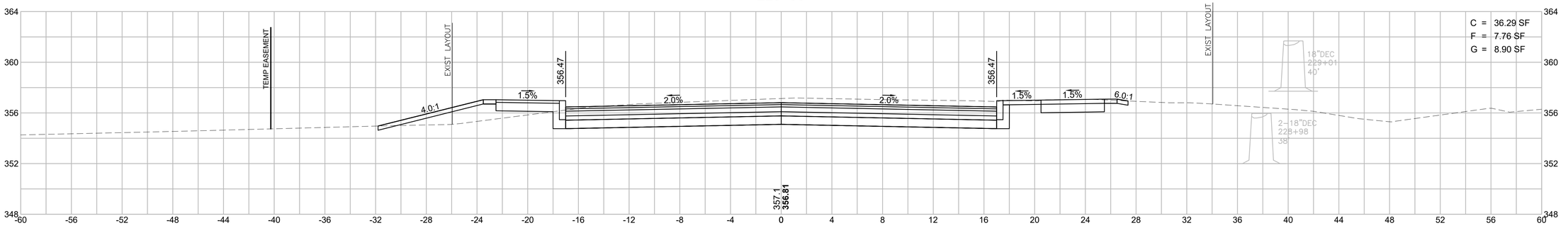
BELLINGHAM
SOUTH MAIN STREET (ROUTE 126)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	133	160
PROJECT FILE NO.	608887		

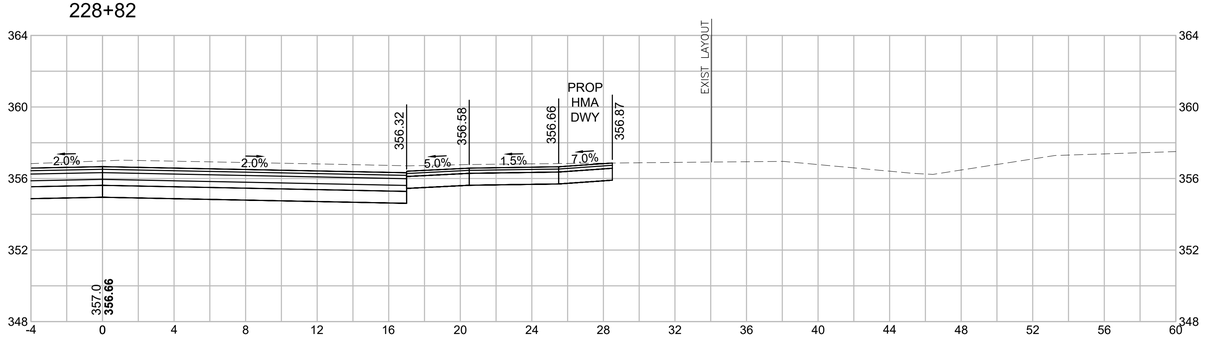
SOUTH MAIN STREET (ROUTE 126)
CROSS SECTIONS - 55

608887_HD(XS-ROUTE_126).DWG Plotted on 30-Oct-2020 10:05 AM

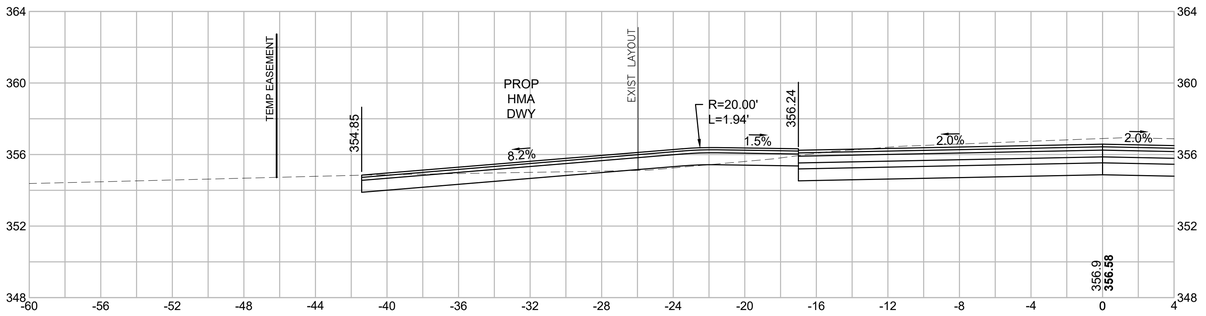
229+00



228+82



228+72



HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

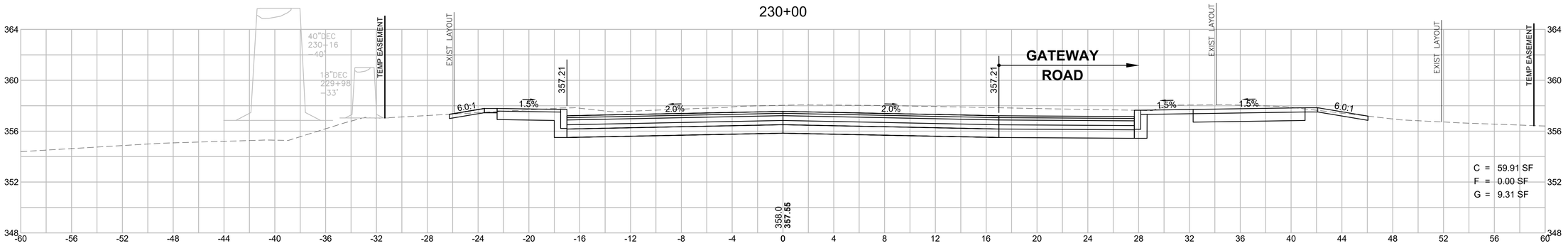
BELLINGHAM
SOUTH MAIN STREET (ROUTE 126)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	134	160
PROJECT FILE NO.	608887		

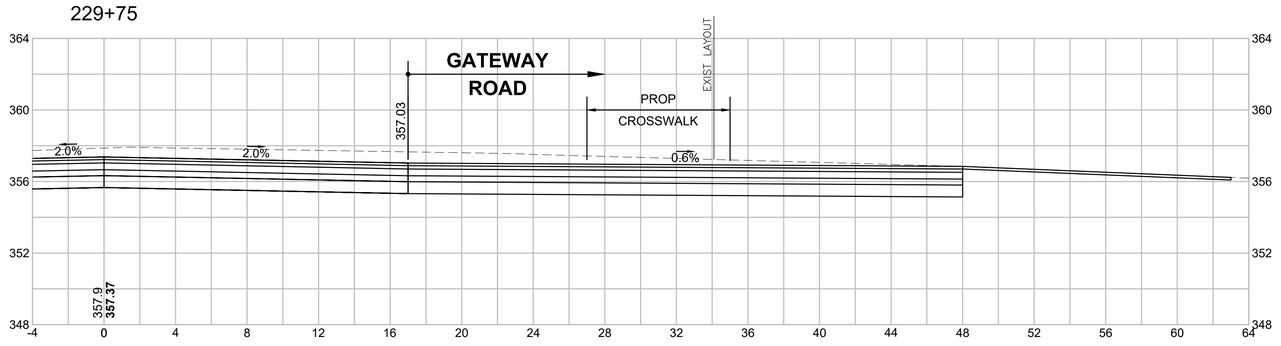
SOUTH MAIN STREET (ROUTE 126)
CROSS SECTIONS - 56

608887_HD(XS-ROUTE_126).DWG Plotted on 30-Oct-2020 10:06 AM

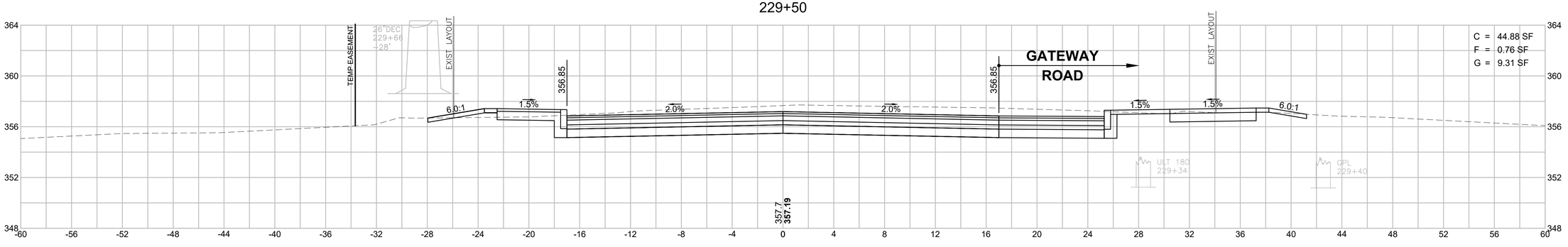
230+00



229+75



229+50



HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

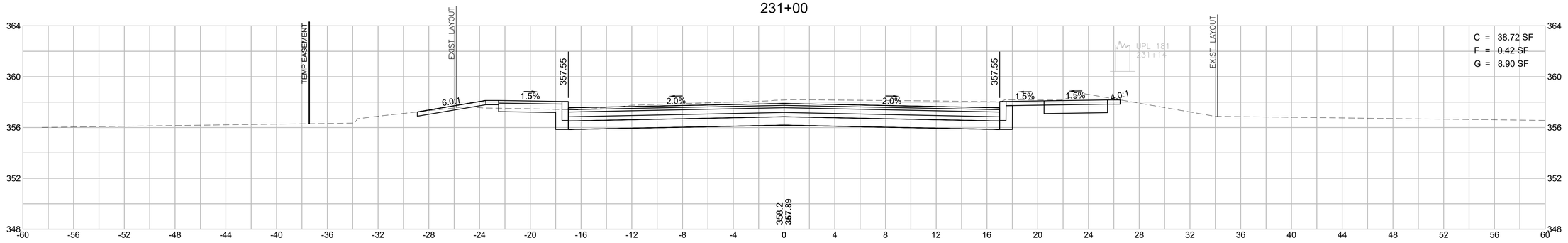
BELLINGHAM
SOUTH MAIN STREET (ROUTE 126)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	135	160
PROJECT FILE NO.	608887		

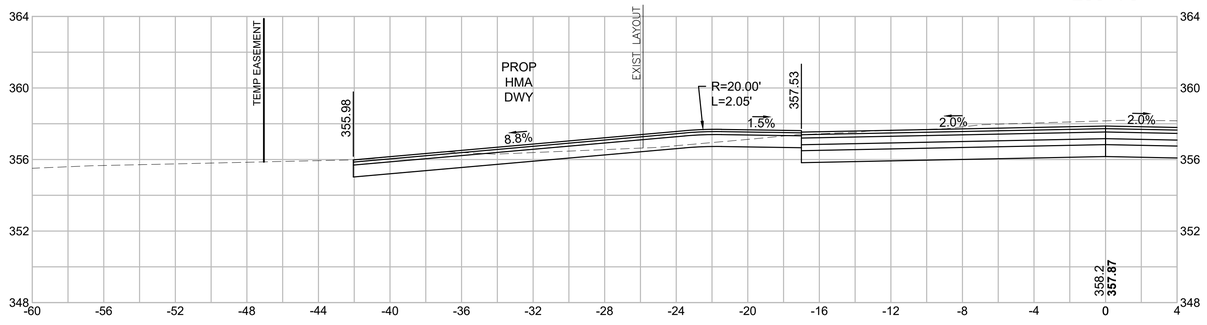
SOUTH MAIN STREET (ROUTE 126)
CROSS SECTIONS - 57

608887_HD(XS-ROUTE_126).DWG Plotted on 30-Oct-2020 10:06 AM

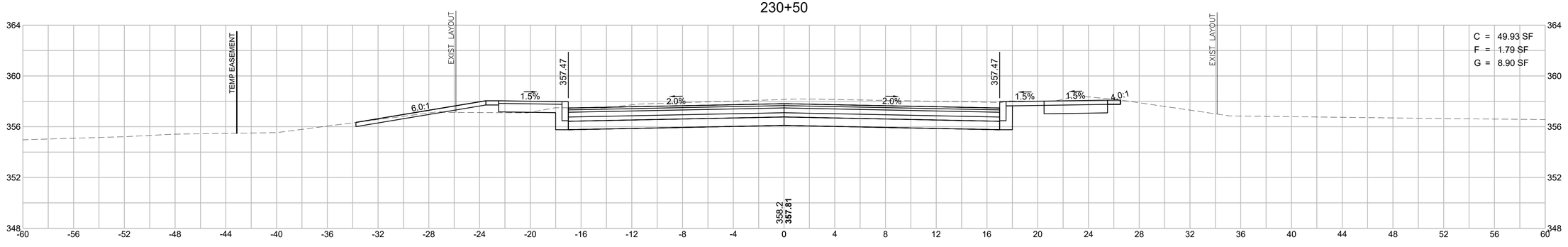
231+00



230+73



230+50



HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

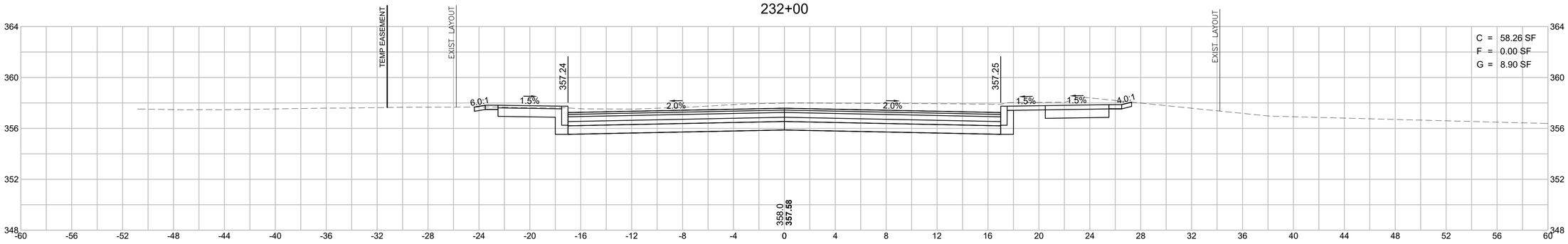
BELLINGHAM
SOUTH MAIN STREET (ROUTE 126)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	136	160
PROJECT FILE NO.	608887		

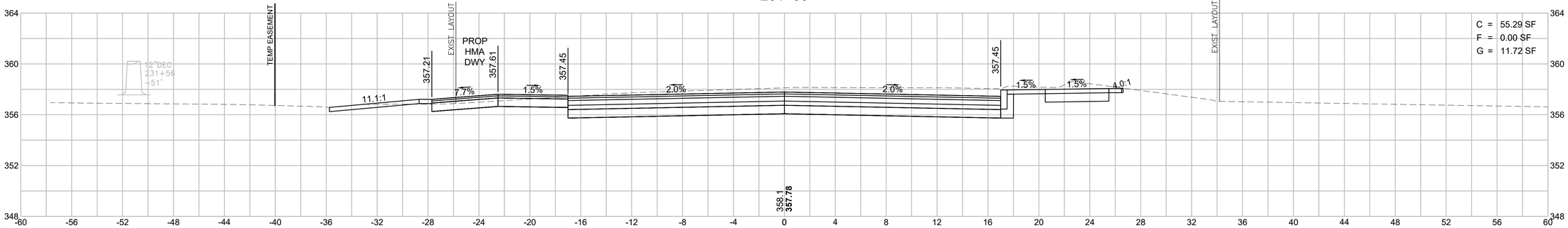
SOUTH MAIN STREET (ROUTE 126)
CROSS SECTIONS - 58

608887_HD\XS-ROUTE_126).DWG Plotted on 30-Oct-2020 10:06 AM

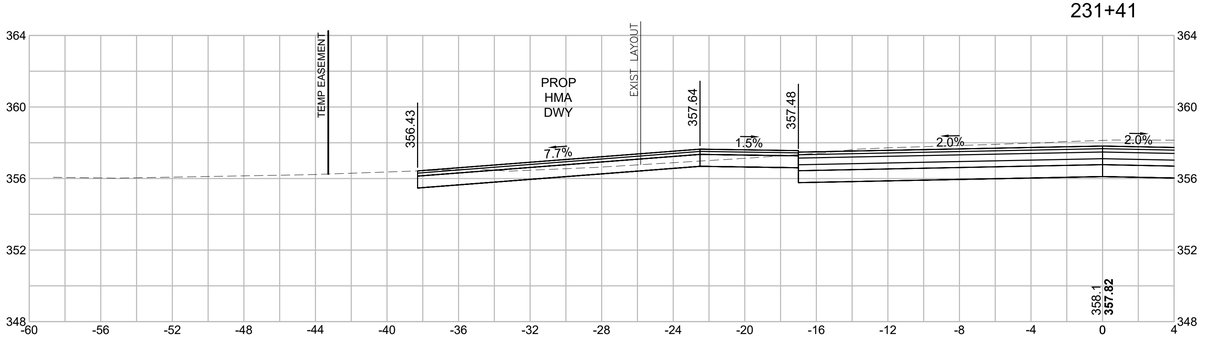
232+00



231+50



231+41



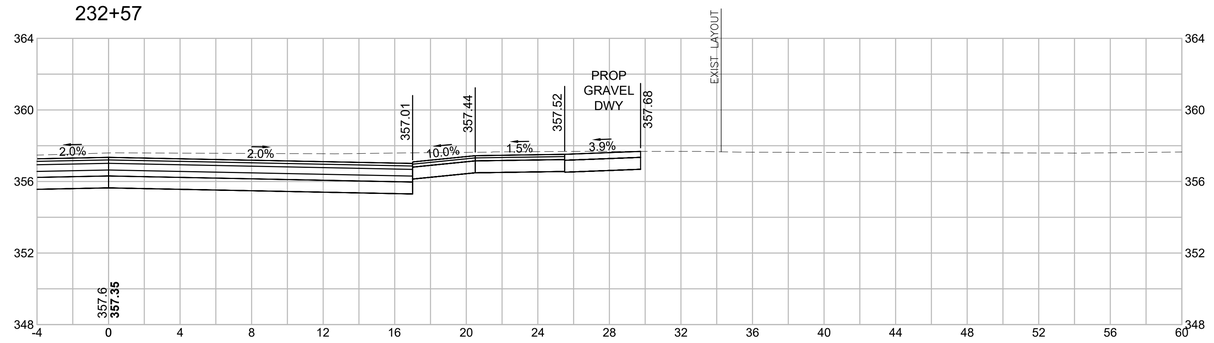
HOR. SCALE IN FEET
4 0 4 8
VER. SCALE IN FEET
4 0 4 8

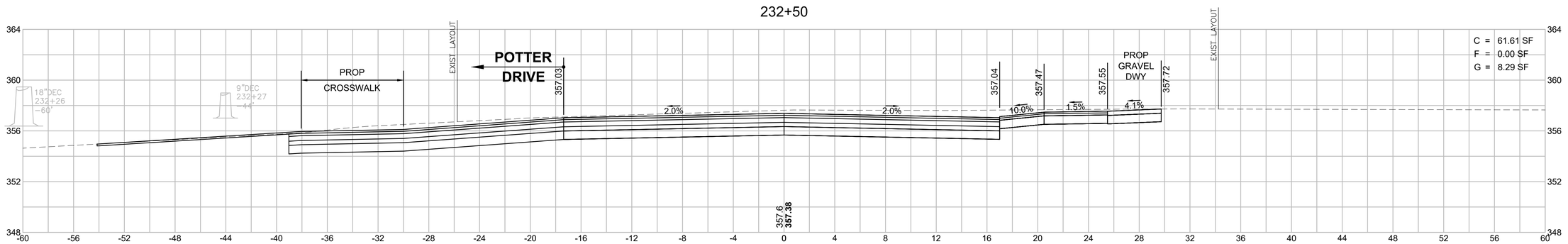
BELLINGHAM
SOUTH MAIN STREET (ROUTE 126)

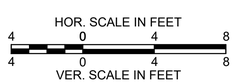
STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	137	160
PROJECT FILE NO.	608887		

SOUTH MAIN STREET (ROUTE 126)
CROSS SECTIONS - 59

608887_HD\XS-ROUTE_126).DWG Plotted on 30-Oct-2020 10:07 AM







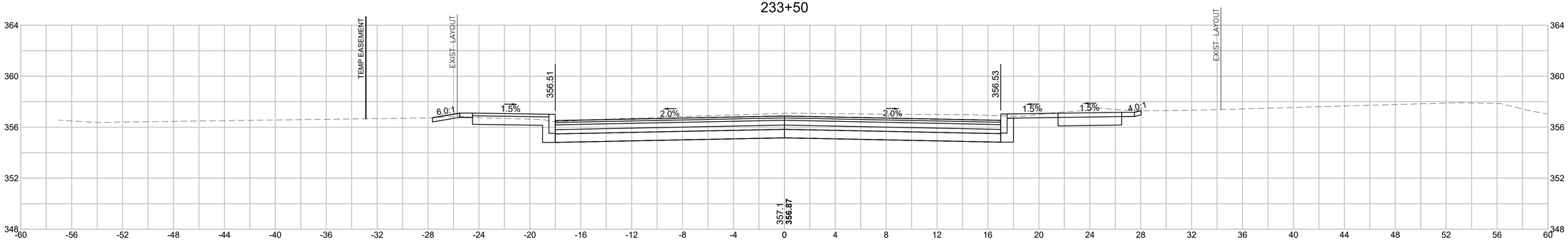
BELLINGHAM
SOUTH MAIN STREET (ROUTE 126)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	138	160
PROJECT FILE NO.	608887		

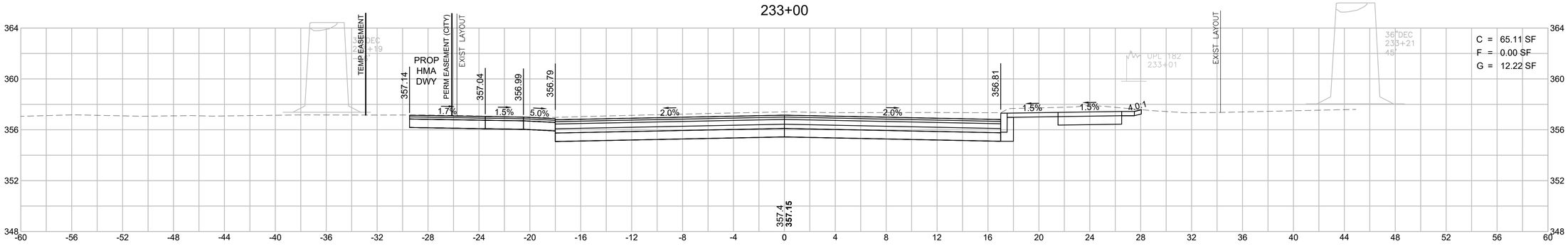
SOUTH MAIN STREET (ROUTE 126)
CROSS SECTIONS - 60

608887_HD\XS-ROUTE_126).DWG Plotted on 30-Oct-2020 10:07 AM

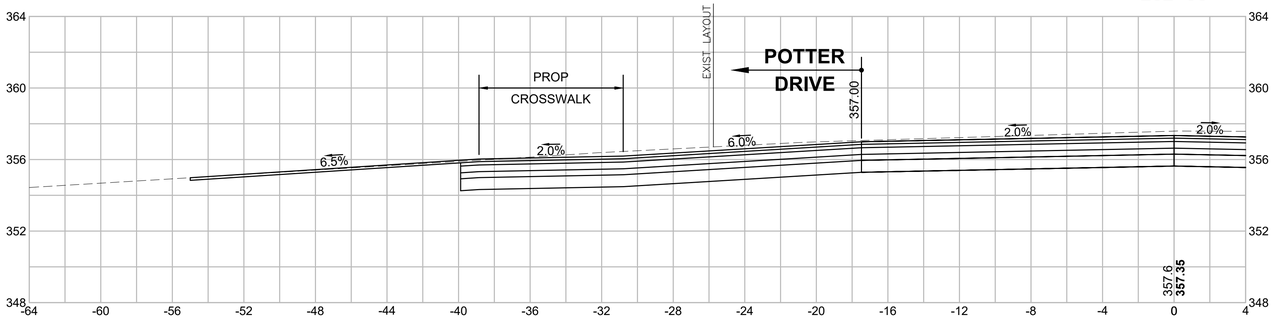
233+50



233+00



232+58



HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

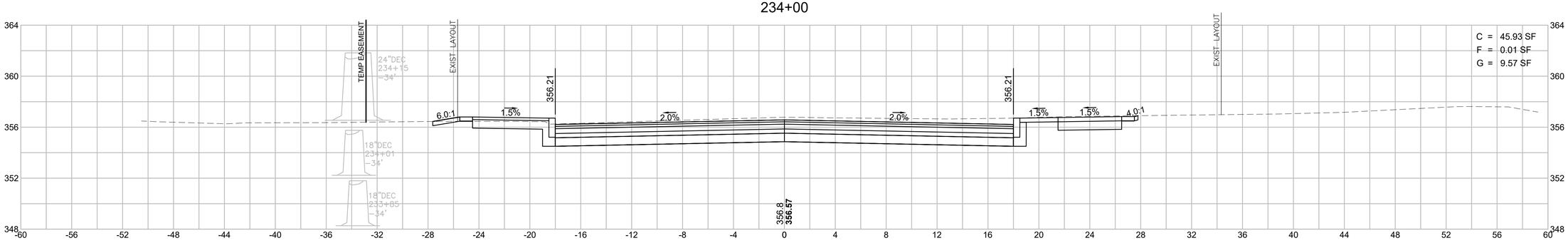
BELLINGHAM
SOUTH MAIN STREET (ROUTE 126)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	139	160
PROJECT FILE NO.	608887		

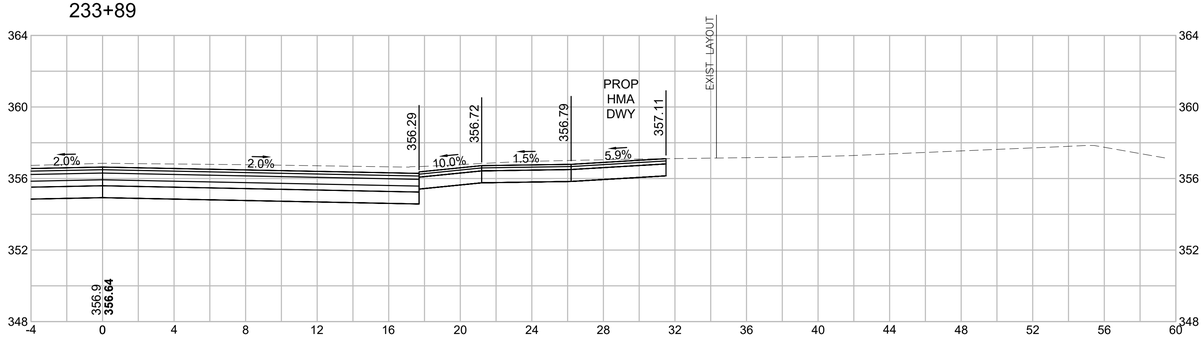
SOUTH MAIN STREET (ROUTE 126)
CROSS SECTIONS - 61

608887_HD\XS-ROUTE_126).DWG Plotted on 30-Oct-2020 10:08 AM

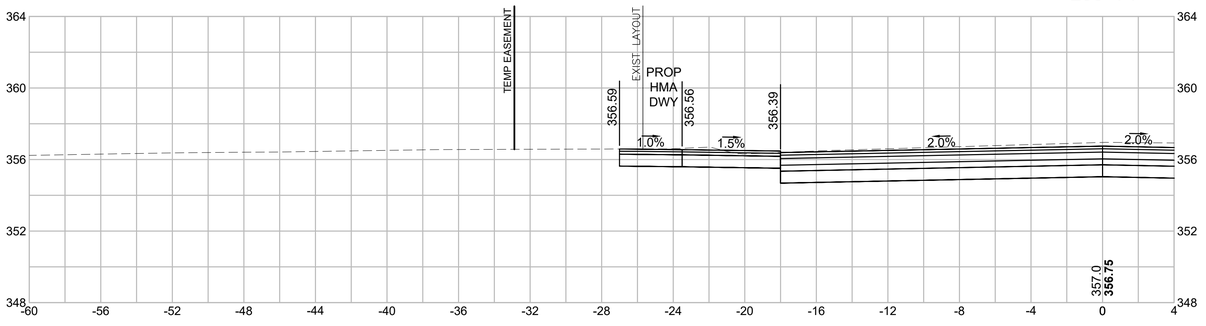
234+00



233+89



233+71



HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

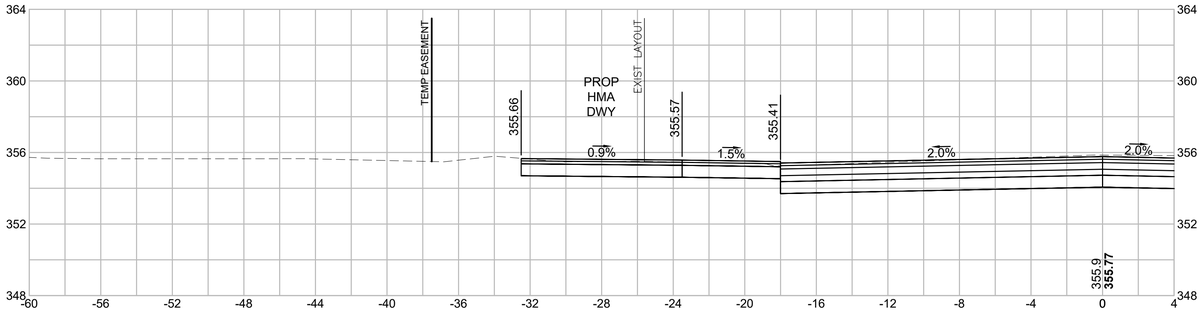
BELLINGHAM
SOUTH MAIN STREET (ROUTE 126)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	140	160
PROJECT FILE NO.	608887		

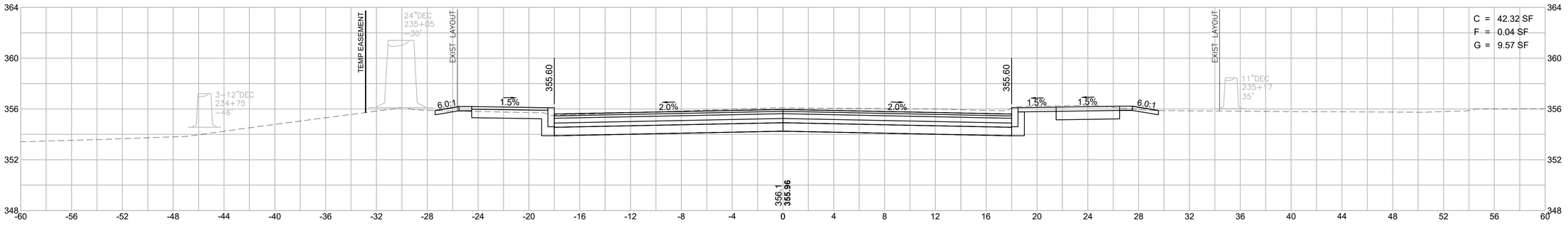
SOUTH MAIN STREET (ROUTE 126)
CROSS SECTIONS - 62

608887_HD\XS-ROUTE_126).DWG Plotted on 30-Oct-2020 10:08 AM

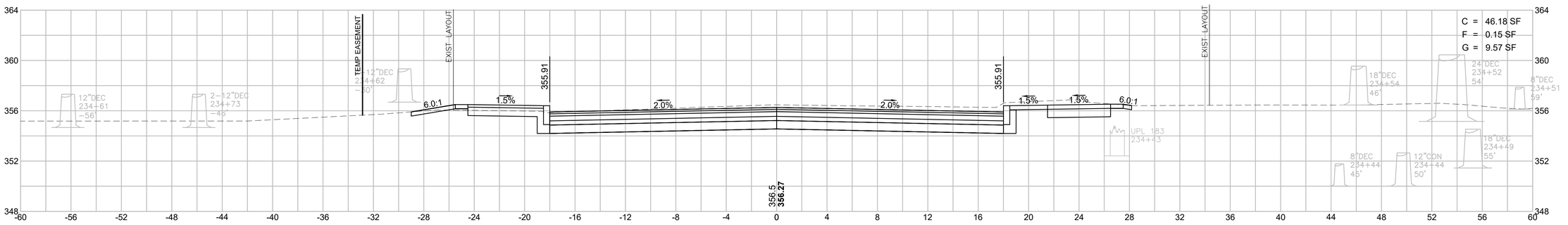
235+31



235+00



234+50



HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

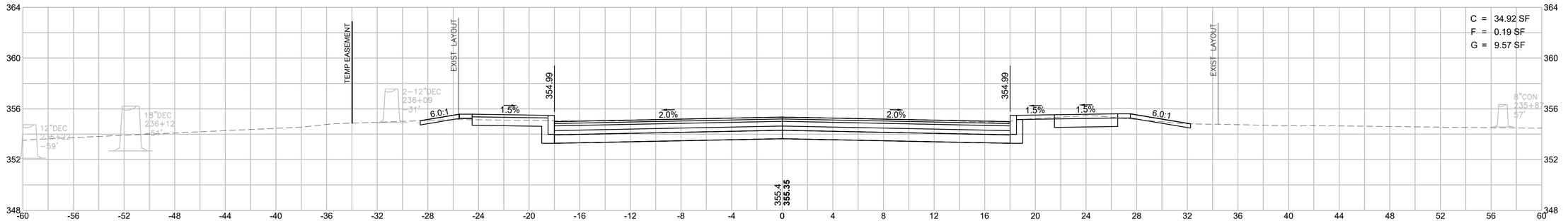
BELLINGHAM
SOUTH MAIN STREET (ROUTE 126)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	141	160
PROJECT FILE NO.	608887		

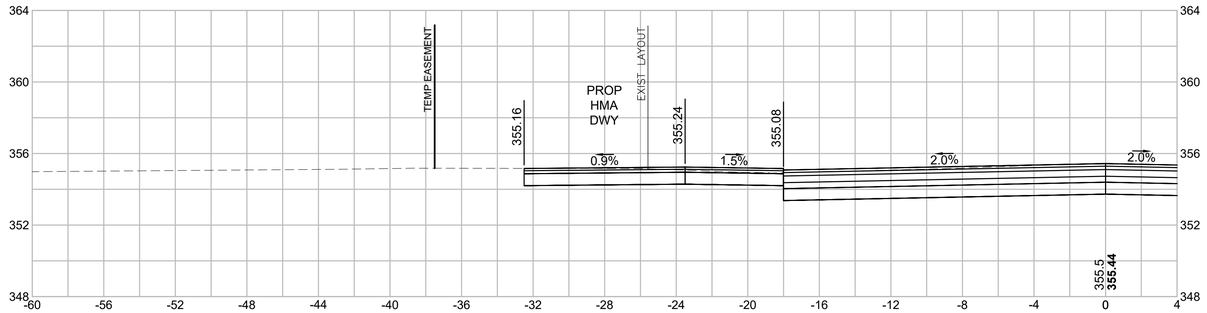
SOUTH MAIN STREET (ROUTE 126)
CROSS SECTIONS - 63

608887_HD(XS-ROUTE_126).DWG Plotted on 30-Oct-2020 10:08 AM

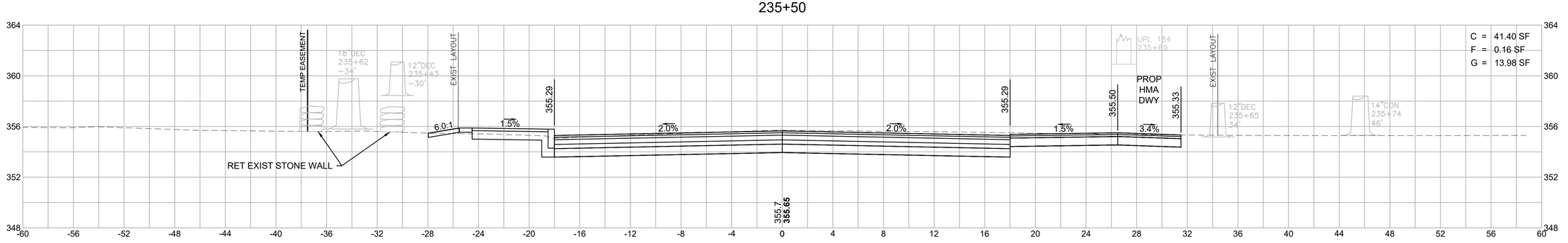
236+00



235+85



235+50



HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

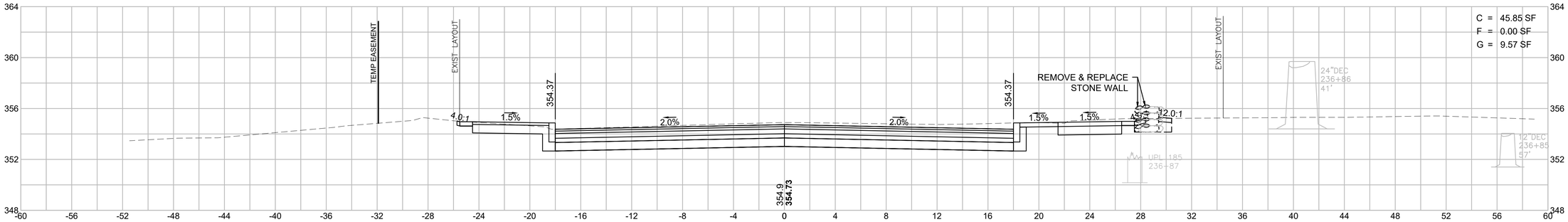
BELLINGHAM
SOUTH MAIN STREET (ROUTE 126)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	142	160
PROJECT FILE NO.	608887		

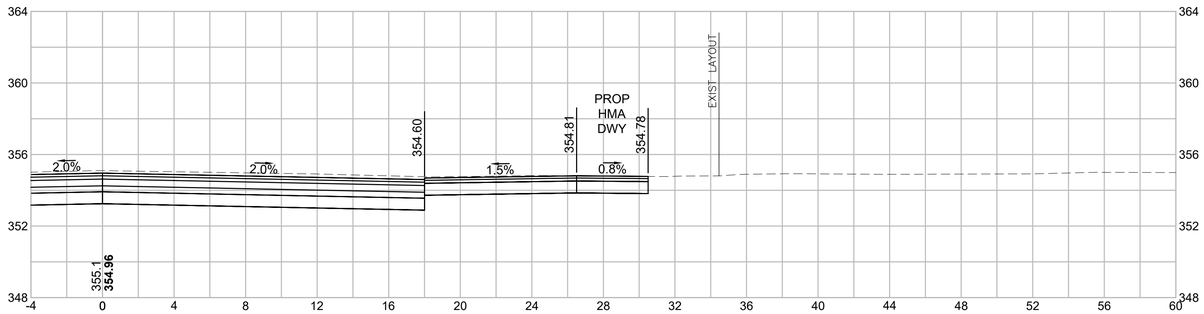
SOUTH MAIN STREET (ROUTE 126)
CROSS SECTIONS - 64

608887_HD(XS-ROUTE_126).DWG Plotted on 30-Oct-2020 10:09 AM

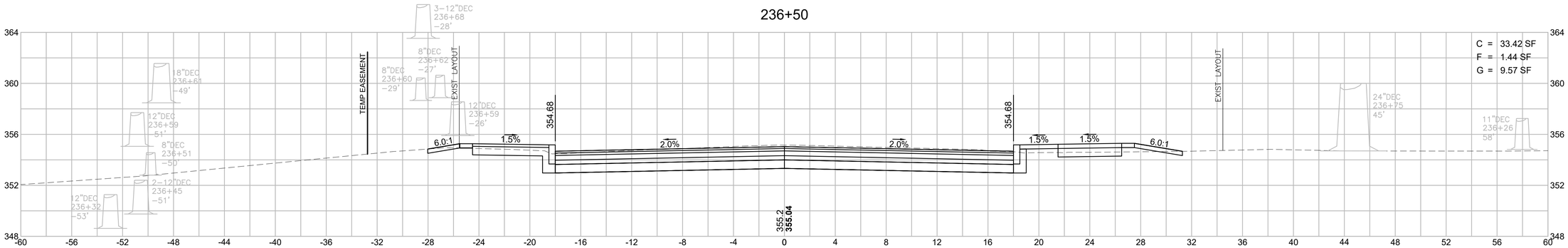
237+00



236+63



236+50

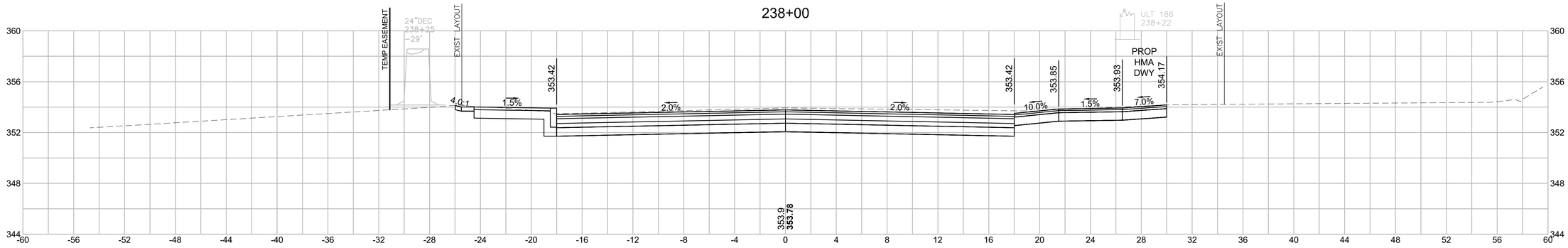


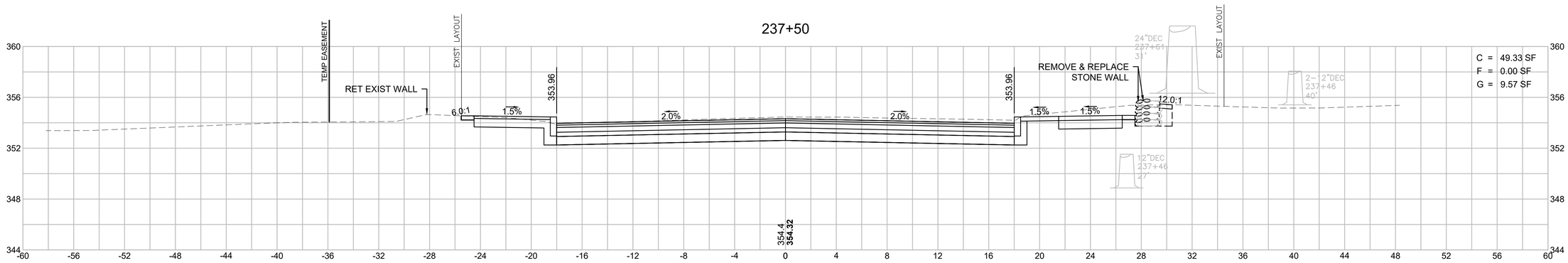
HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

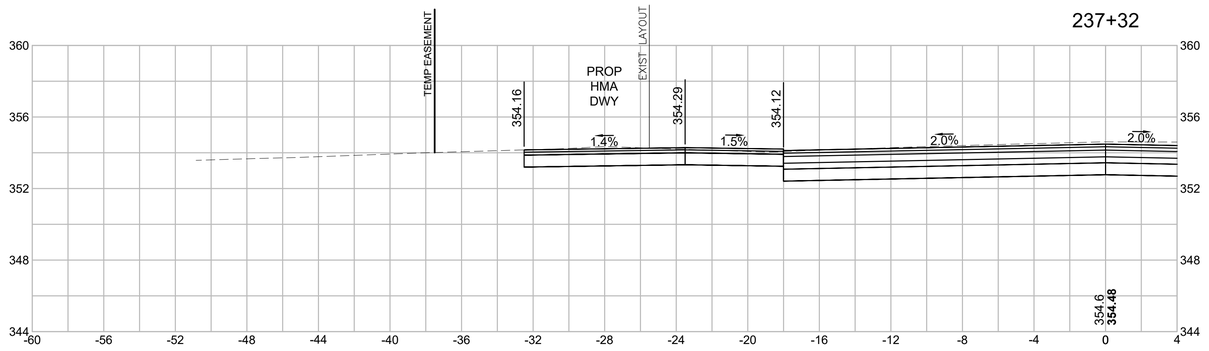
BELLINGHAM
SOUTH MAIN STREET (ROUTE 126)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	143	160
PROJECT FILE NO.	608887		

SOUTH MAIN STREET (ROUTE 126)
CROSS SECTIONS - 65







HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

608887_HD(XS-ROUTE_126).DWG Plotted on 30-Oct-2020 10:09 AM

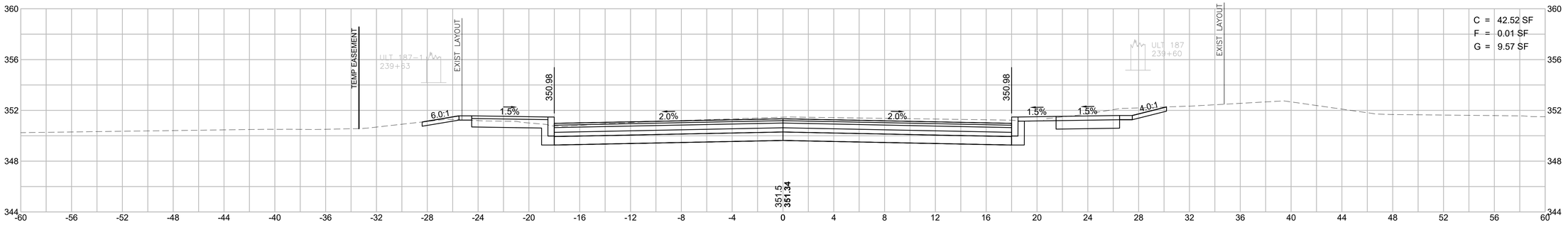
BELLINGHAM
SOUTH MAIN STREET (ROUTE 126)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	144	160
PROJECT FILE NO.	608887		

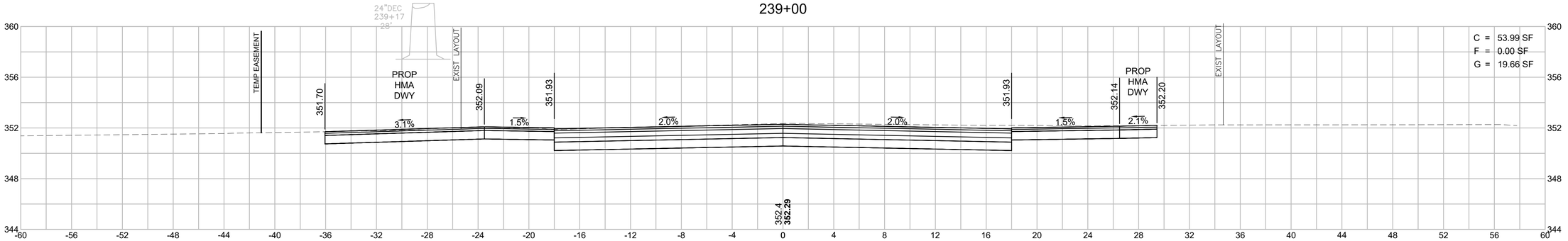
SOUTH MAIN STREET (ROUTE 126)
CROSS SECTIONS - 66

608887_HD(XS-ROUTE_126).DWG Plotted on 30-Oct-2020 10:10 AM

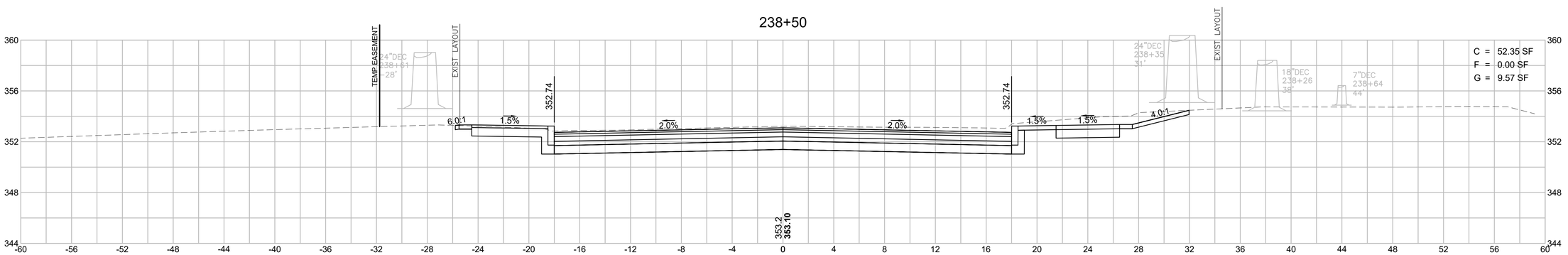
239+50



239+00



238+50

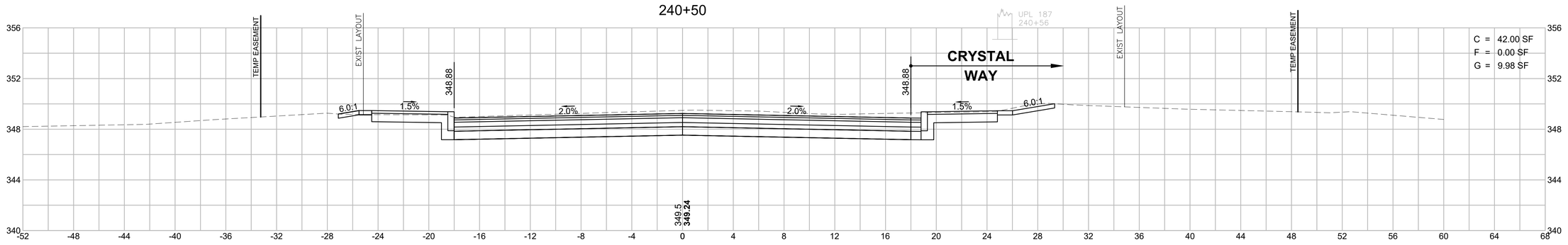


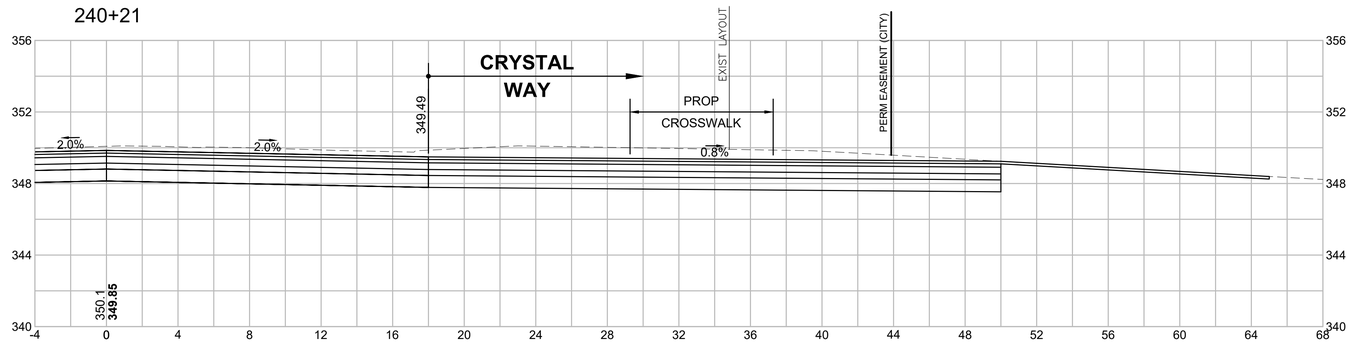
HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

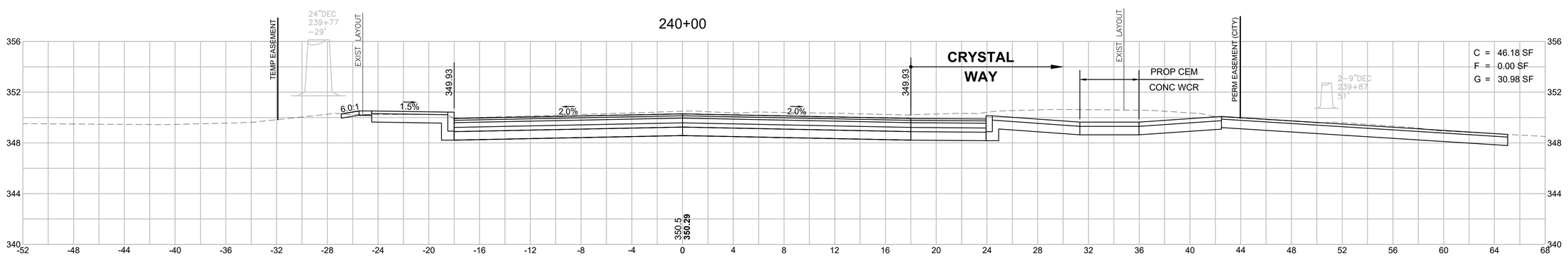
BELLINGHAM
SOUTH MAIN STREET (ROUTE 126)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	145	160
PROJECT FILE NO.	608887		

SOUTH MAIN STREET (ROUTE 126)
CROSS SECTIONS - 67







HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

608887_HD(XS-ROUTE_126).DWG Plotted on 30-Oct-2020 10:10 AM

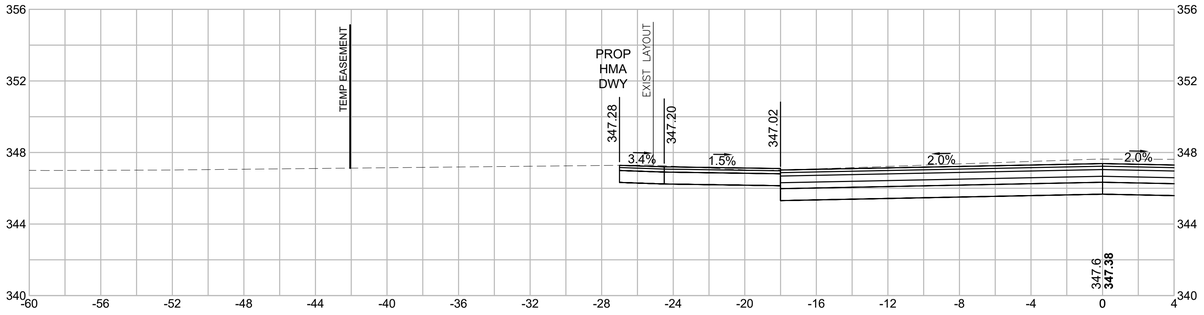
BELLINGHAM
SOUTH MAIN STREET (ROUTE 126)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	146	160
PROJECT FILE NO.	608887		

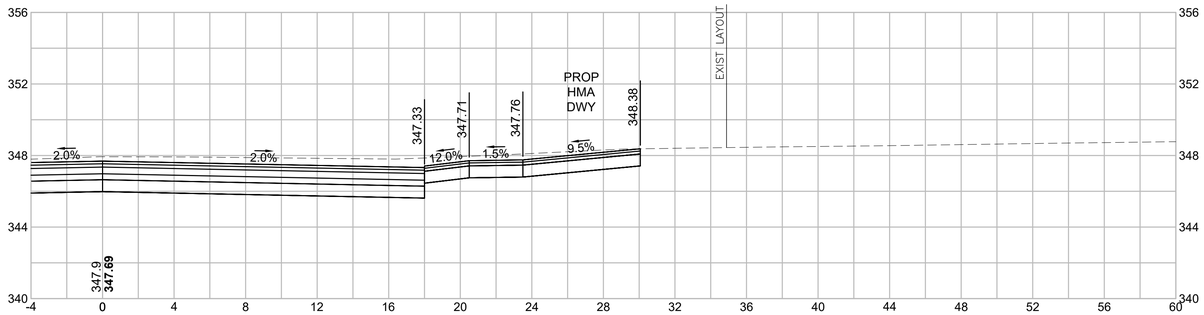
SOUTH MAIN STREET (ROUTE 126)
CROSS SECTIONS - 68

608887_HD\XS-ROUTE_126).DWG Plotted on 30-Oct-2020 10:11 AM

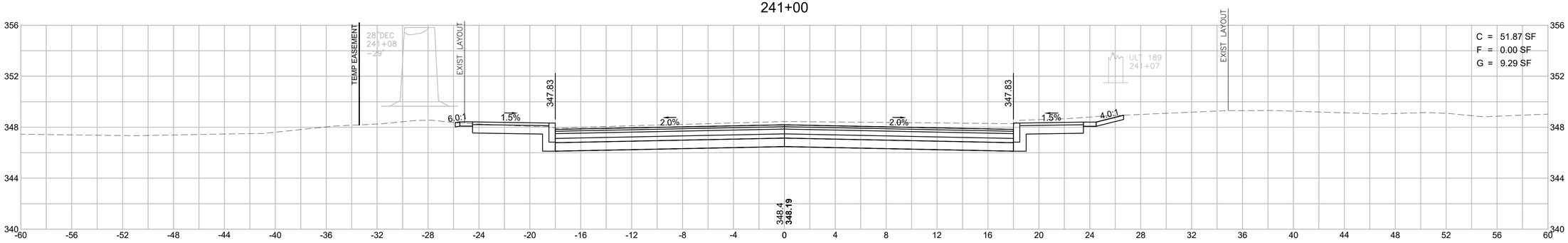
241+34



241+22



241+00



HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

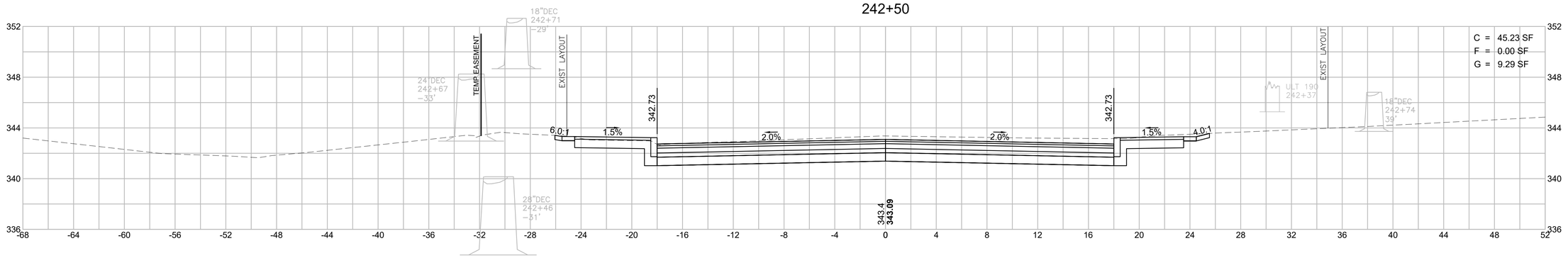
BELLINGHAM
SOUTH MAIN STREET (ROUTE 126)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	147	160
PROJECT FILE NO.	608887		

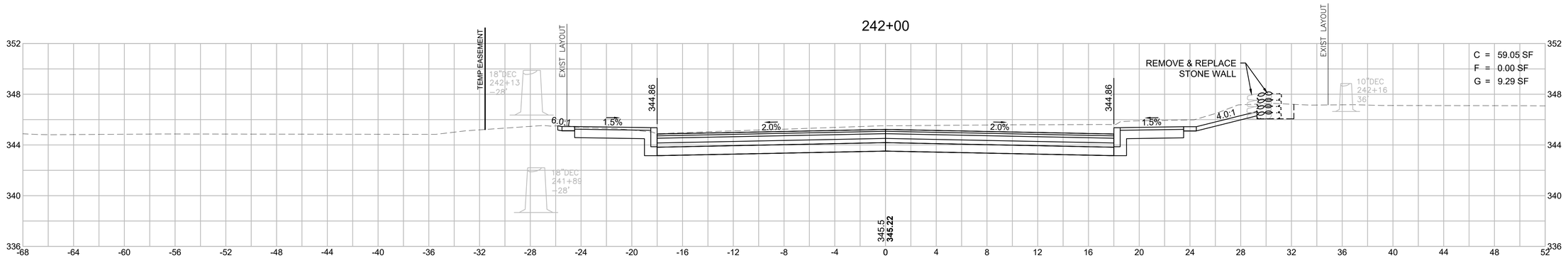
SOUTH MAIN STREET (ROUTE 126)
CROSS SECTIONS - 69

608887_HD(XS-ROUTE_126).DWG Plotted on 30-Oct-2020 10:11 AM

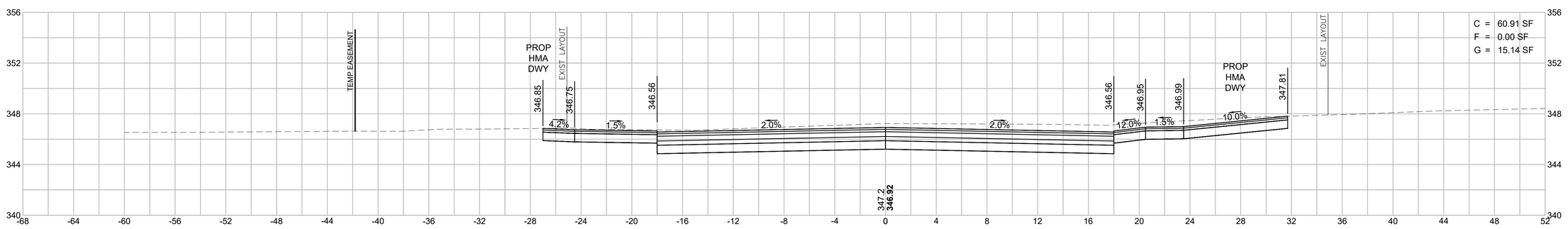
242+50



242+00



241+50



HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

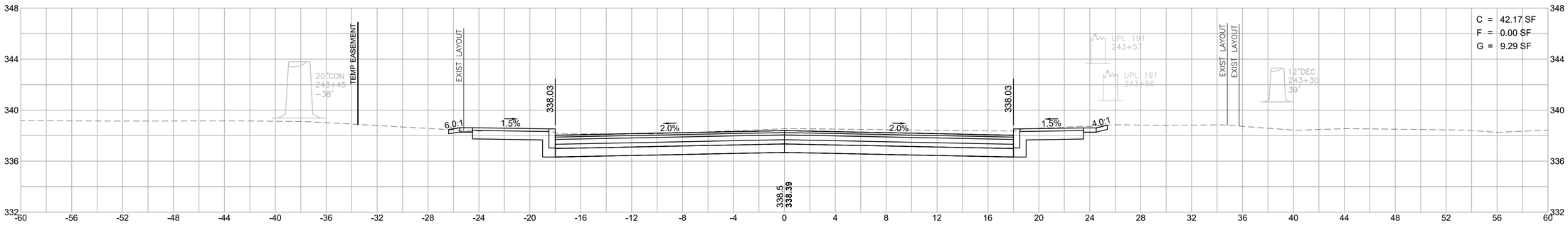
BELLINGHAM
SOUTH MAIN STREET (ROUTE 126)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	148	160
PROJECT FILE NO.	608887		

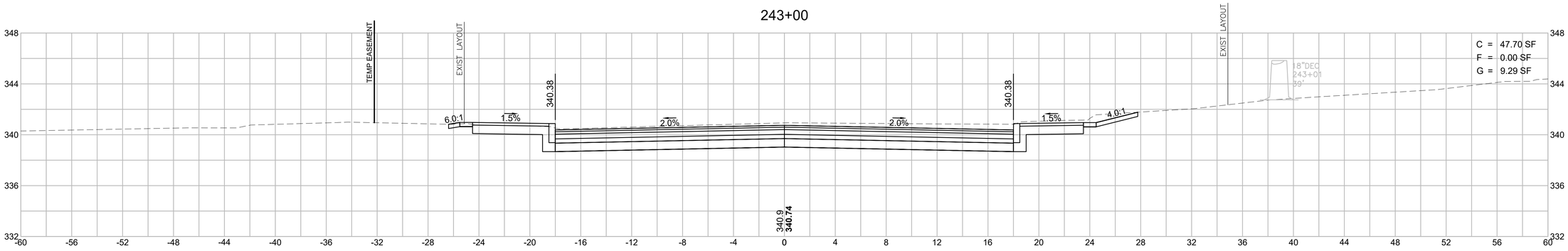
SOUTH MAIN STREET (ROUTE 126)
CROSS SECTIONS - 70

608887_HD(XS-ROUTE_126).DWG Plotted on 30-Oct-2020 10:12 AM

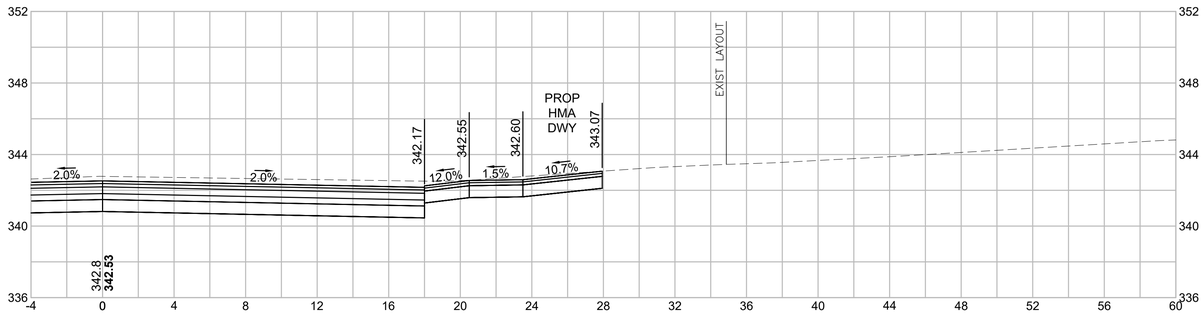
243+50



243+00



242+62



HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

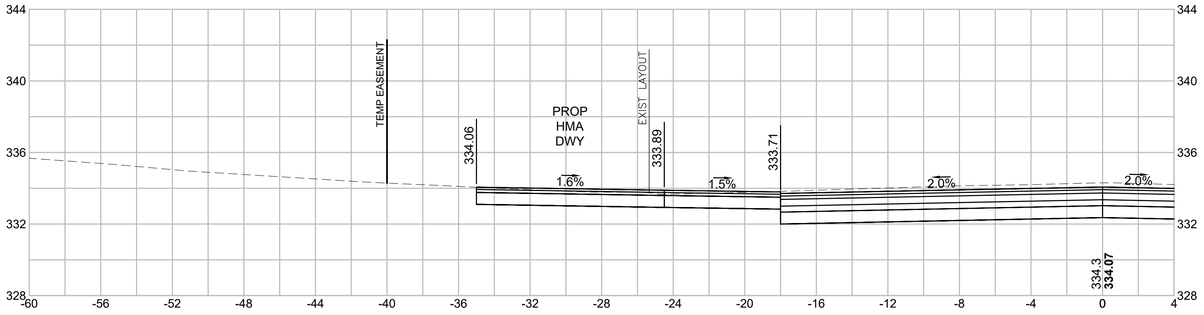
BELLINGHAM
SOUTH MAIN STREET (ROUTE 126)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	149	160
PROJECT FILE NO.	608887		

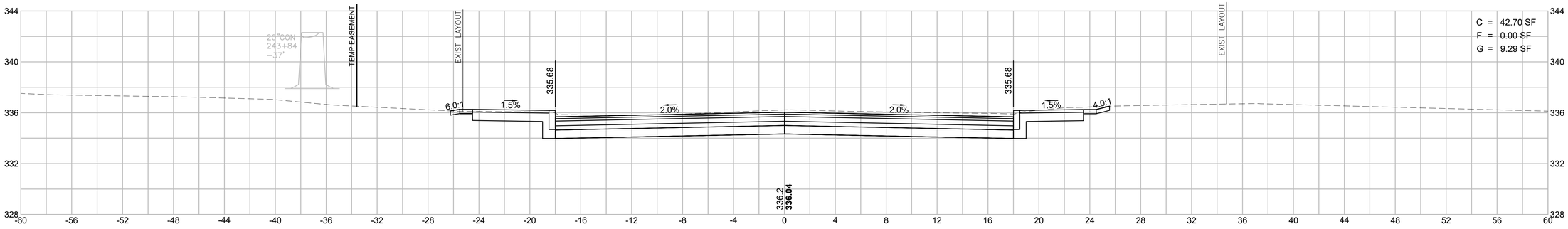
SOUTH MAIN STREET (ROUTE 126)
CROSS SECTIONS - 71

608887_HD\XS-ROUTE_126).DWG Plotted on 30-Oct-2020 10:12 AM

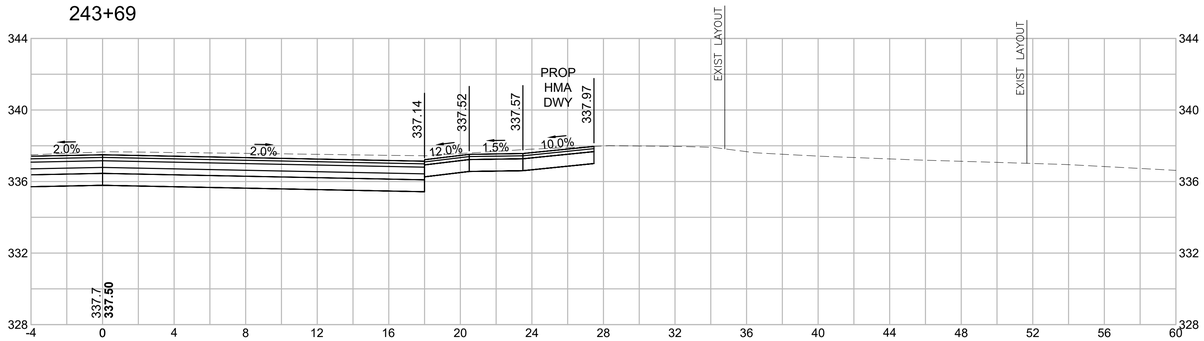
244+42



244+00



243+69



HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

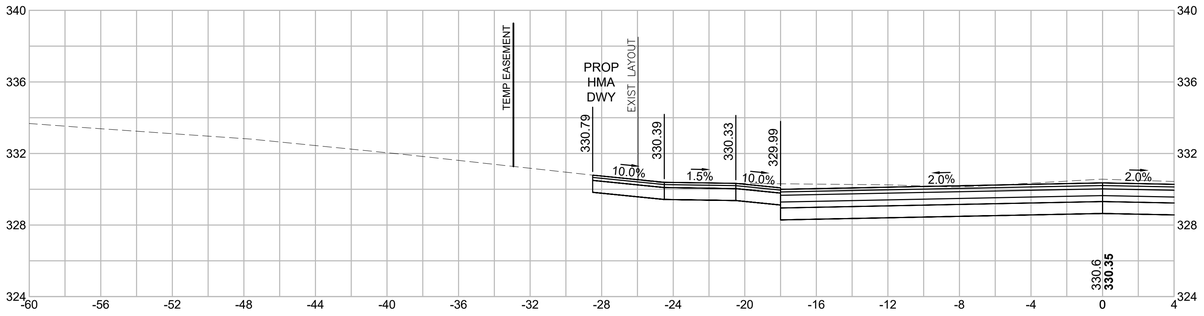
BELLINGHAM
SOUTH MAIN STREET (ROUTE 126)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	150	160
PROJECT FILE NO.	608887		

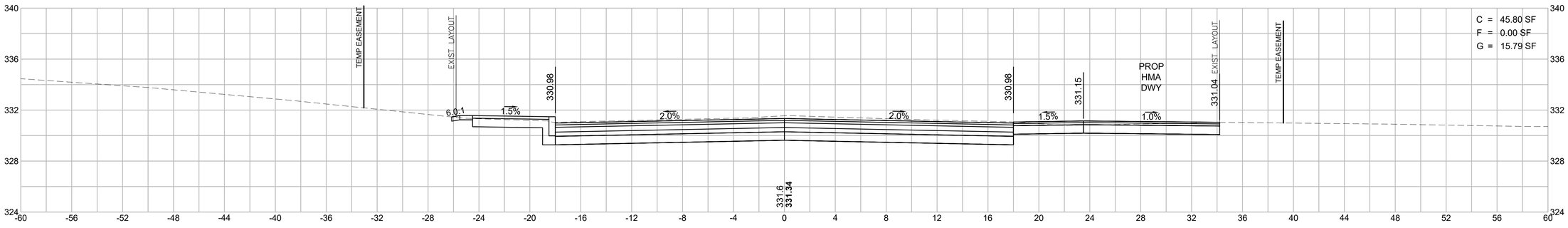
SOUTH MAIN STREET (ROUTE 126)
CROSS SECTIONS - 72

608887_HD\XS-ROUTE_126).DWG Plotted on 30-Oct-2020 10:12 AM

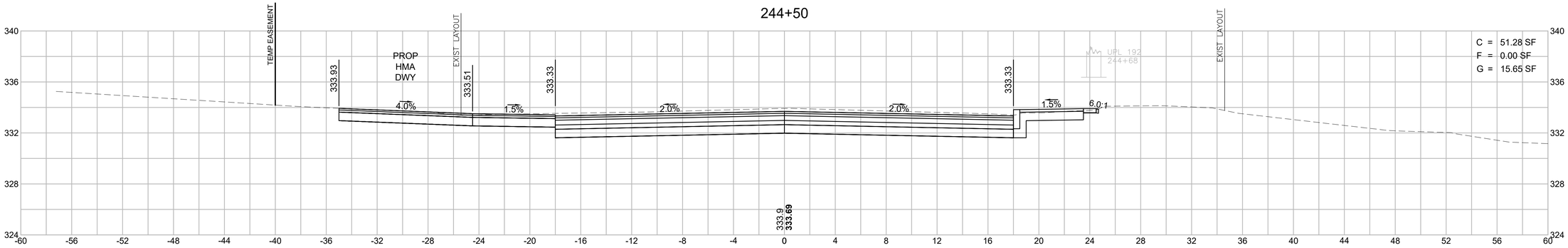
245+21



245+00



244+50



HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

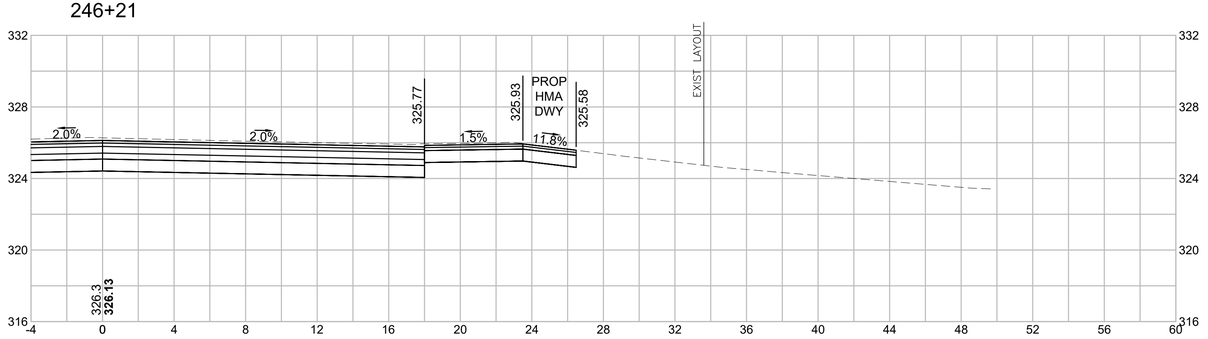
BELLINGHAM
SOUTH MAIN STREET (ROUTE 126)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	151	160
PROJECT FILE NO.	608887		

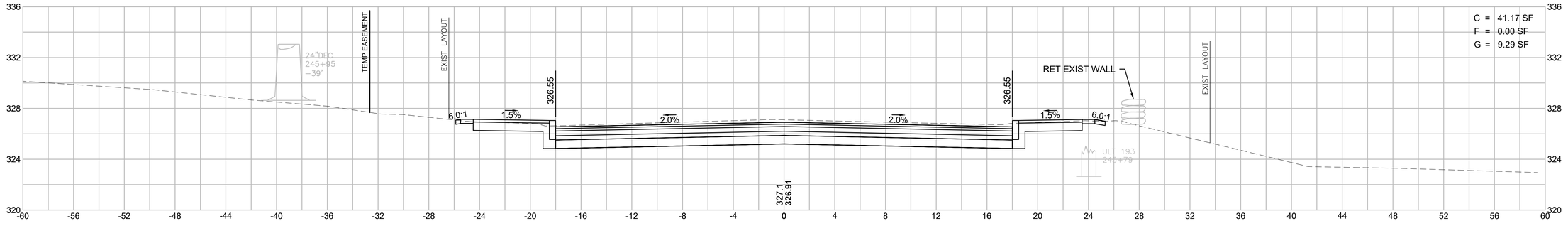
SOUTH MAIN STREET (ROUTE 126)
CROSS SECTIONS - 73

608887_HD\XS-ROUTE_126).DWG Plotted on 30-Oct-2020 10:13 AM

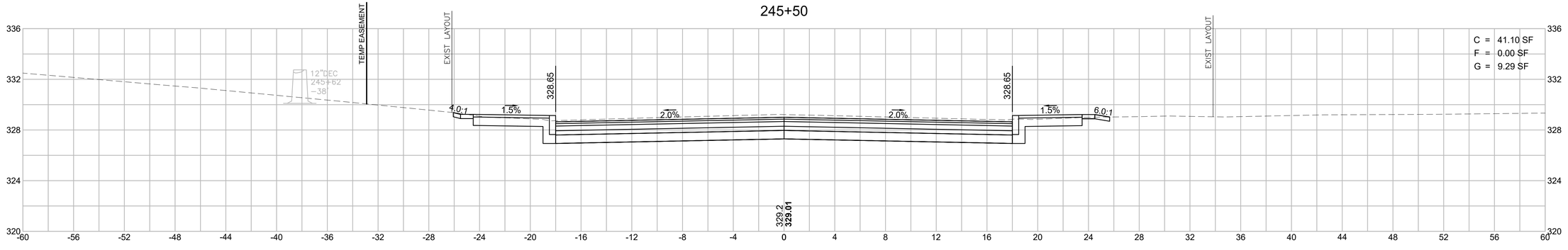
246+21



246+00



245+50



HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

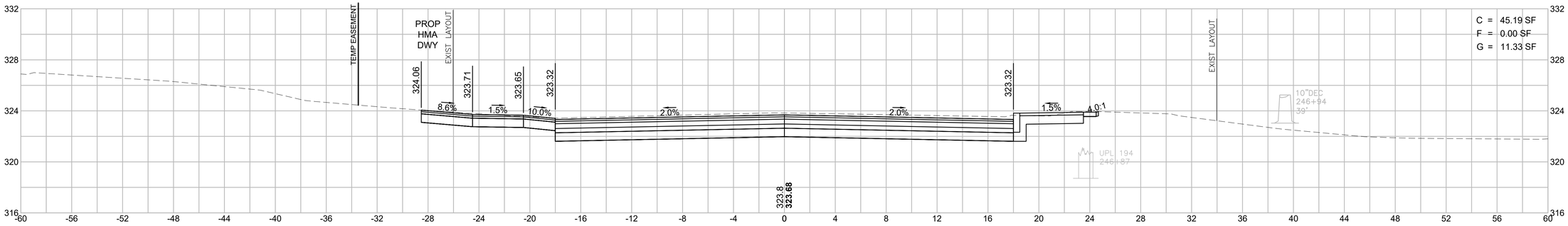
BELLINGHAM
SOUTH MAIN STREET (ROUTE 126)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	152	160
PROJECT FILE NO.	608887		

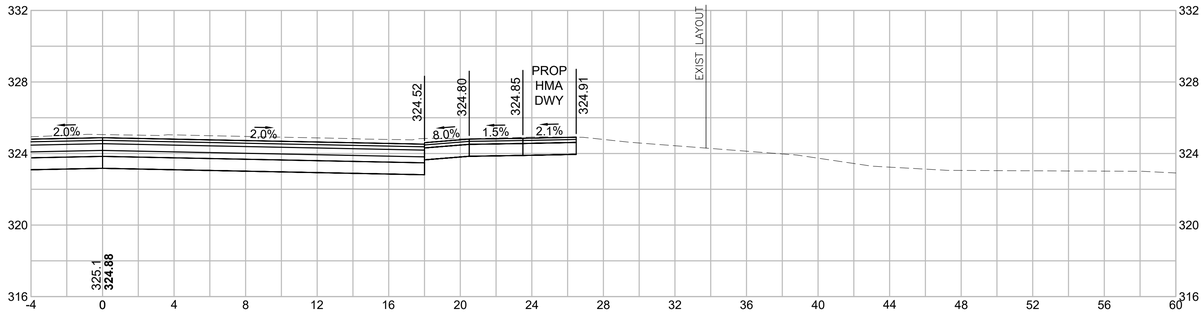
SOUTH MAIN STREET (ROUTE 126)
CROSS SECTIONS - 74

608887_HD\XS-ROUTE_126).DWG Plotted on 30-Oct-2020 10:13 AM

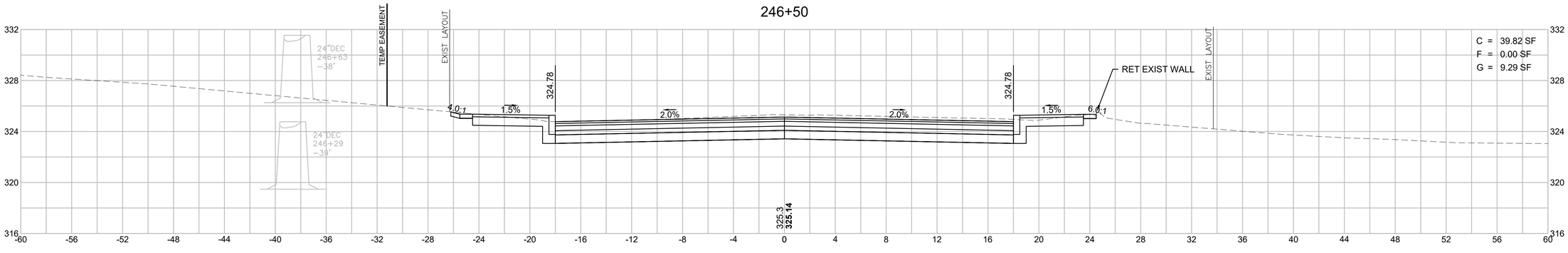
247+00



246+58



246+50



HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

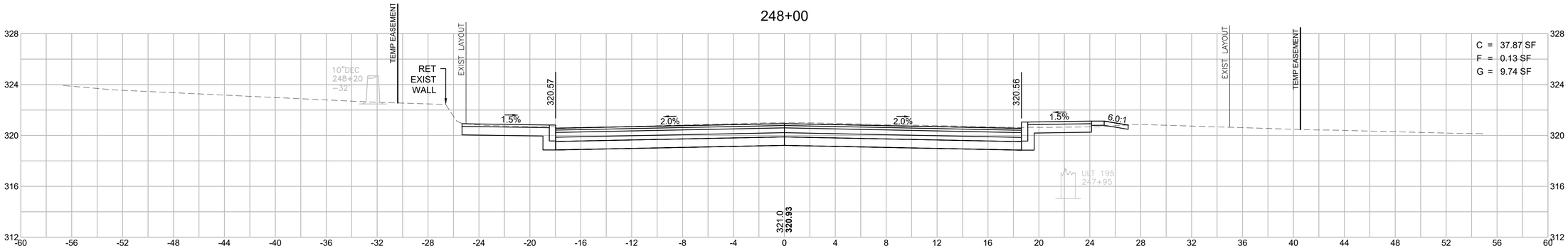
BELLINGHAM
SOUTH MAIN STREET (ROUTE 126)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	153	160
PROJECT FILE NO.	608887		

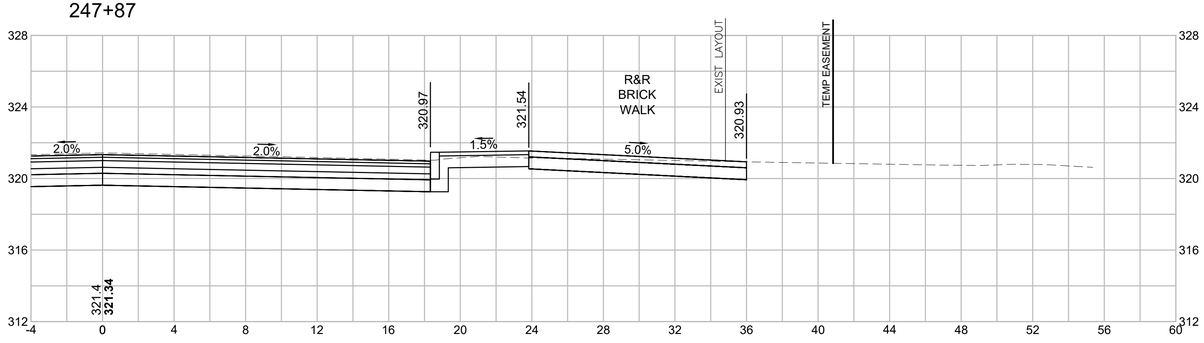
SOUTH MAIN STREET (ROUTE 126)
CROSS SECTIONS - 75

608887_HD\XS-ROUTE_126).DWG Plotted on 30-Oct-2020 10:14 AM

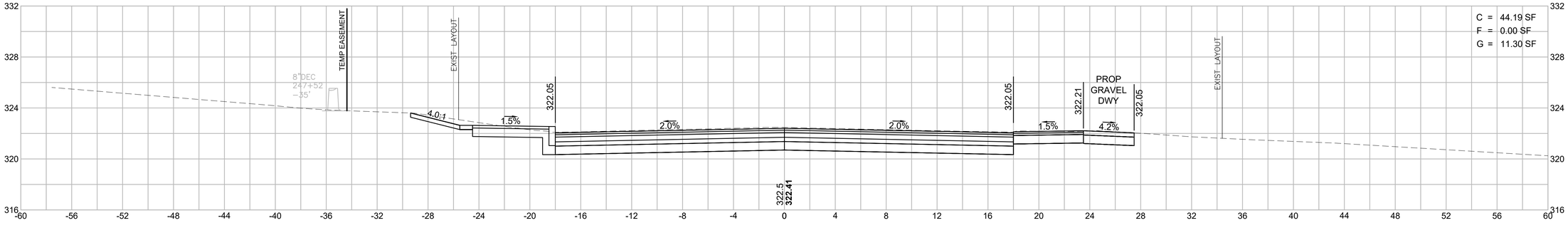
248+00



247+87



247+50



HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

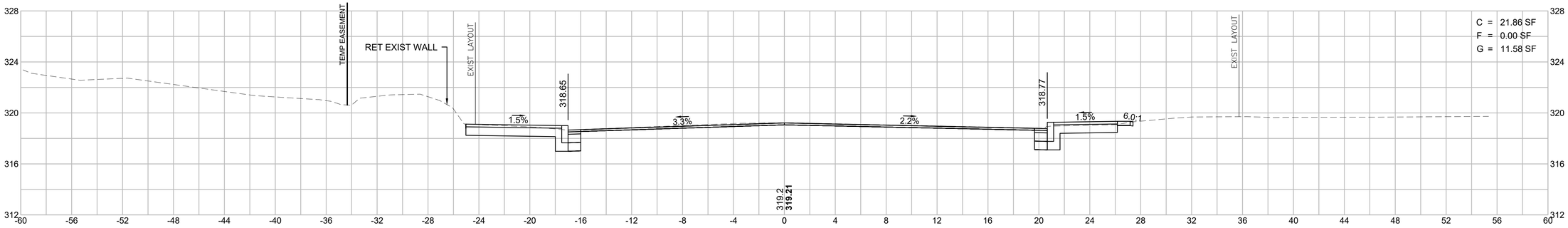
BELLINGHAM
SOUTH MAIN STREET (ROUTE 126)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	154	160
PROJECT FILE NO.	608887		

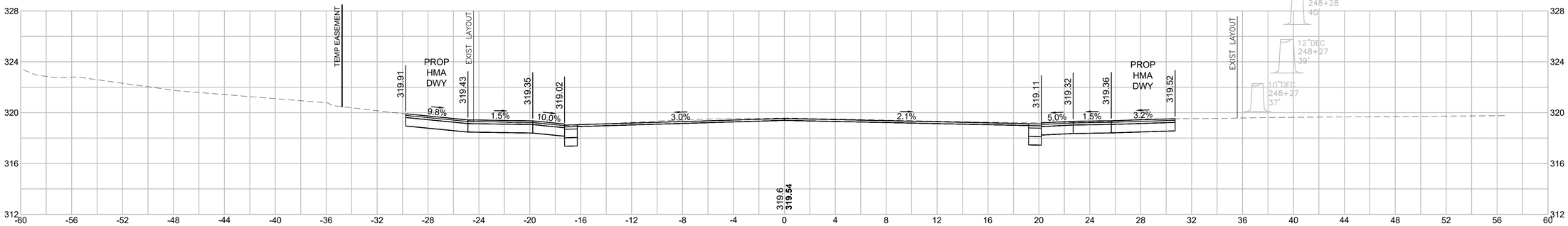
SOUTH MAIN STREET (ROUTE 126)
CROSS SECTIONS - 76

608887_HD(XS-ROUTE_126).DWG Plotted on 30-Oct-2020 10:14 AM

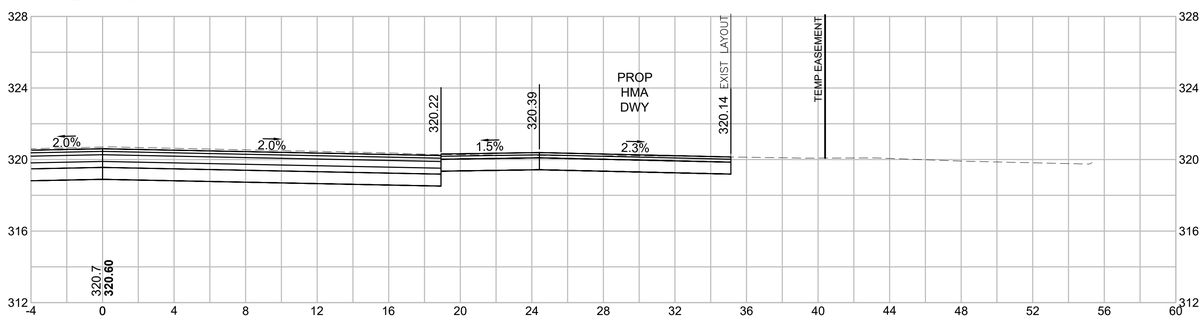
248+50



248+41



248+10



HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

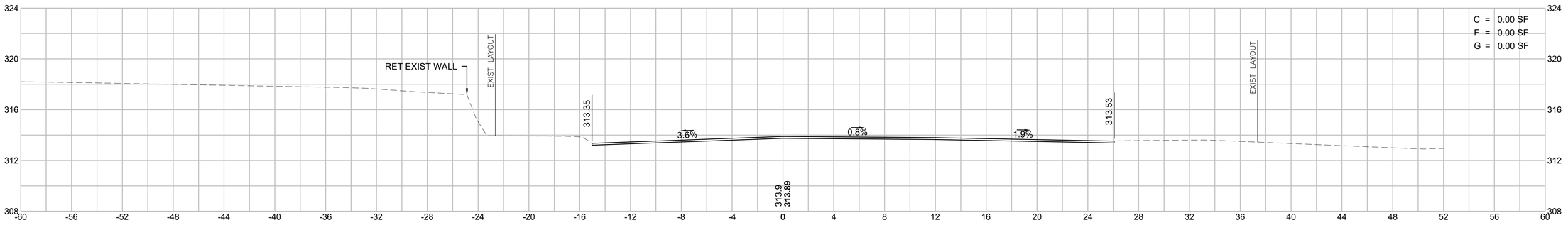
BELLINGHAM
SOUTH MAIN STREET (ROUTE 126)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	155	160
PROJECT FILE NO.	608887		

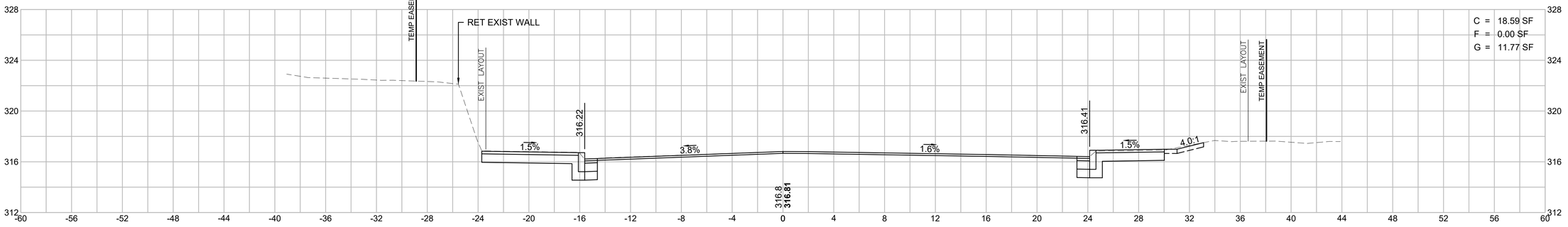
SOUTH MAIN STREET (ROUTE 126)
CROSS SECTIONS - 77

608887_HD(XS-ROUTE_126).DWG Plotted on 30-Oct-2020 10:15 AM

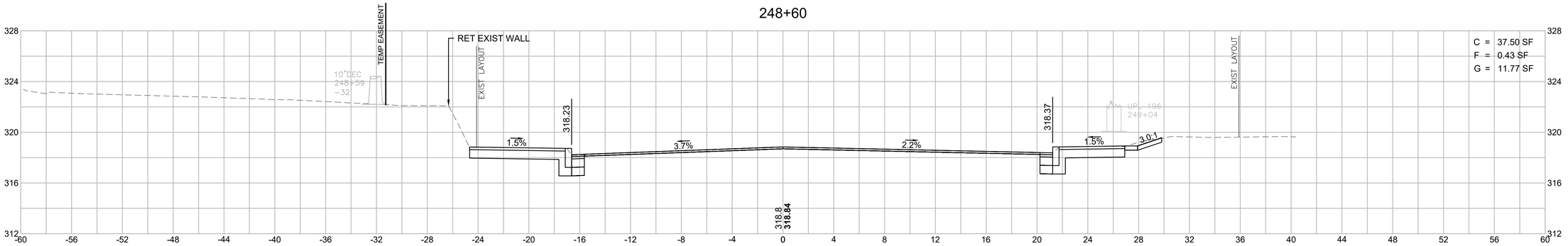
249+50



249+00



248+60



HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

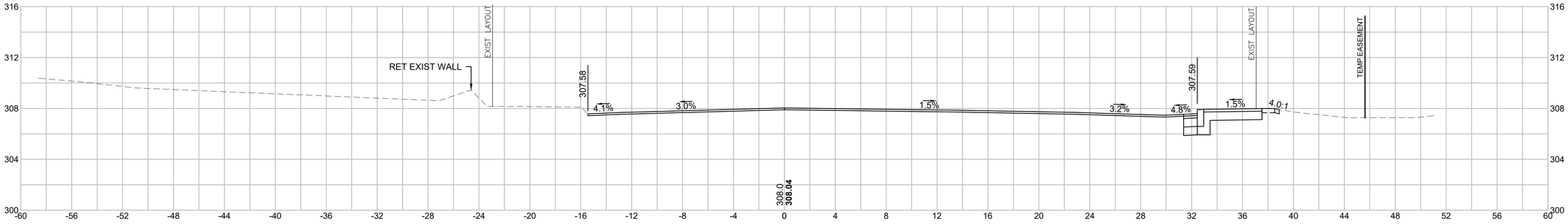
BELLINGHAM
SOUTH MAIN STREET (ROUTE 126)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	156	160
PROJECT FILE NO.	608887		

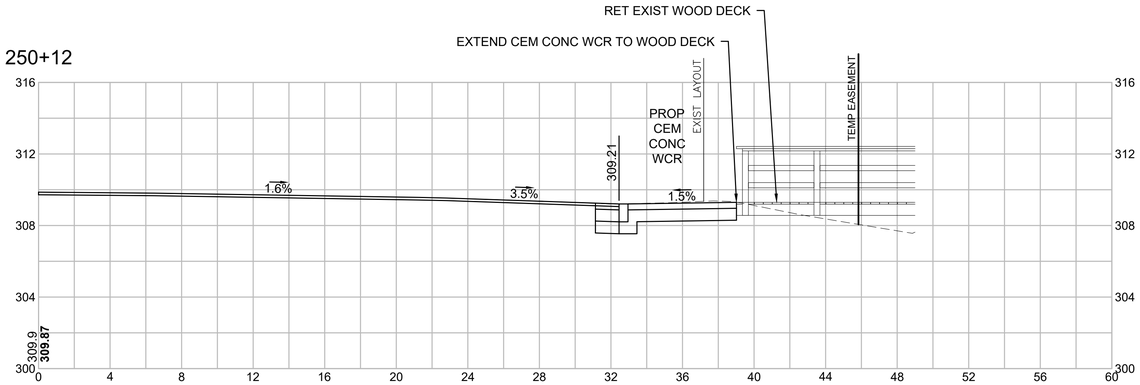
SOUTH MAIN STREET (ROUTE 126)
CROSS SECTIONS - 78

608887_HD\XS-ROUTE_126).DWG Plotted on 30-Oct-2020 10:15 AM

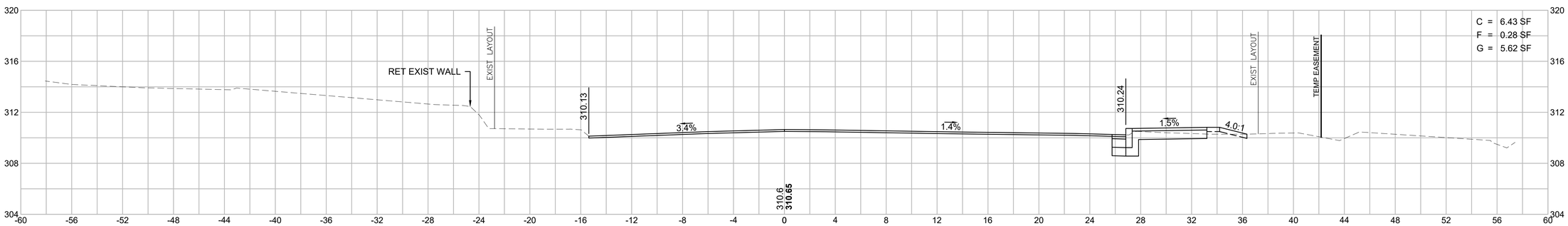
250+40



250+12



250+00



HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

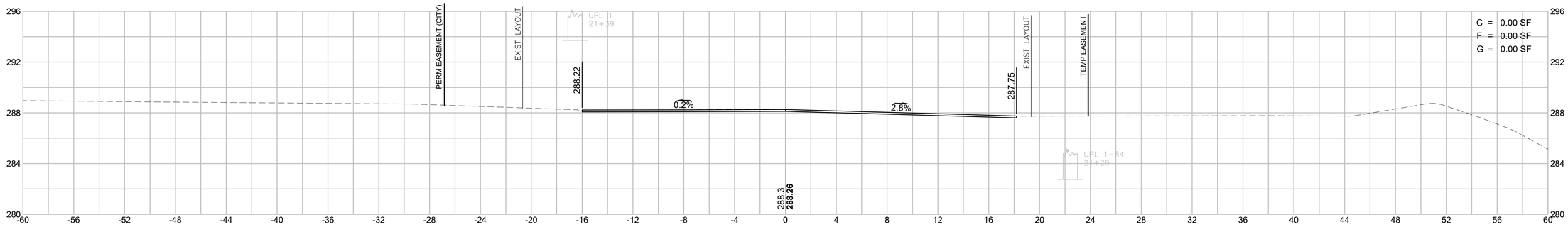
BELLINGHAM
SOUTH MAIN STREET (ROUTE 126)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	157	160
PROJECT FILE NO.	608887		

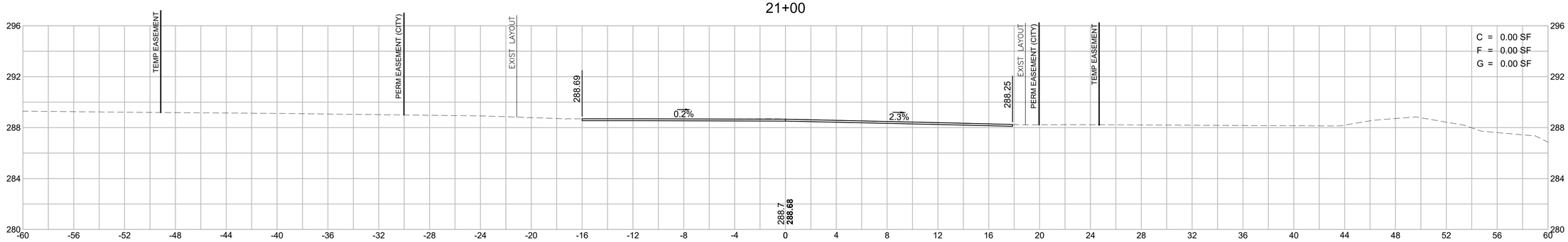
DOUGLAS DRIVE
CROSS SECTIONS - 79

608887_HD(XS-ROUTE_126).DWG Plotted on 30-Oct-2020 10:15 AM

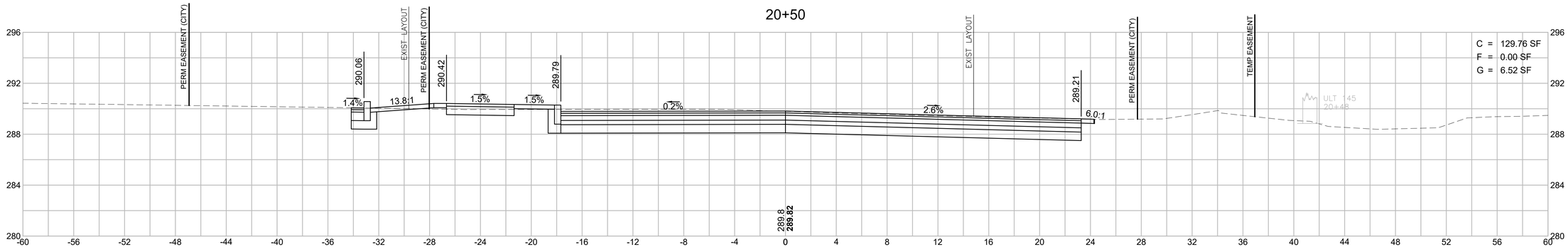
21+15



21+00



20+50



HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

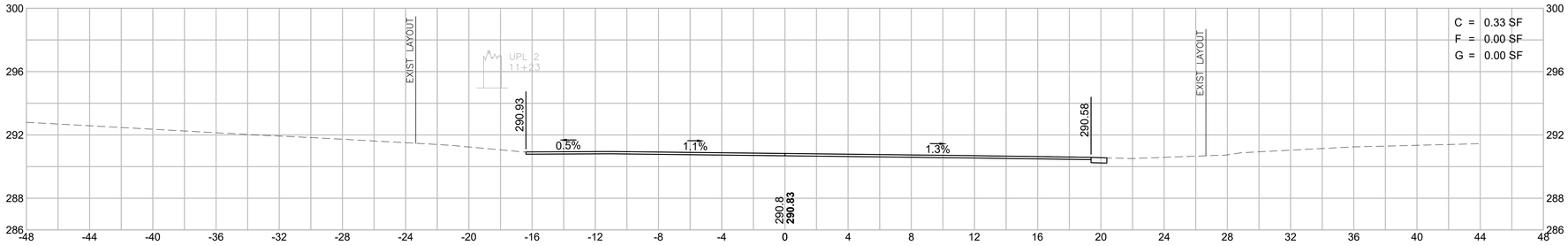
BELLINGHAM
SOUTH MAIN STREET (ROUTE 126)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	158	160
PROJECT FILE NO.	608887		

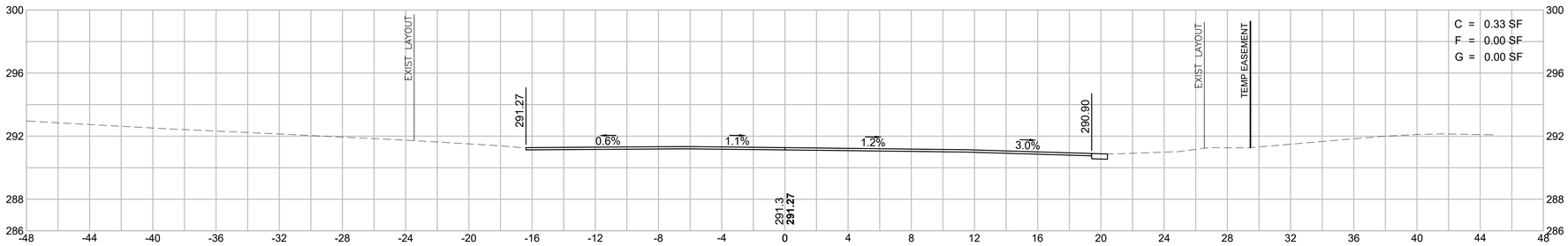
EASY STREET
CROSS SECTIONS - 80

608887_HD\XS-ROUTE_126).DWG Plotted on 30-Oct-2020 10:16 AM

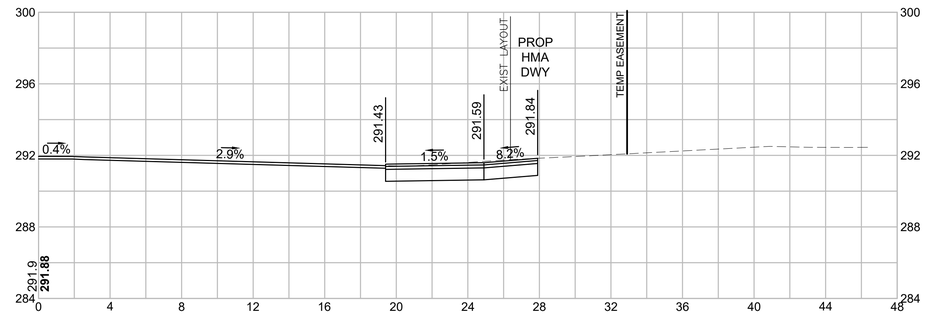
11+10



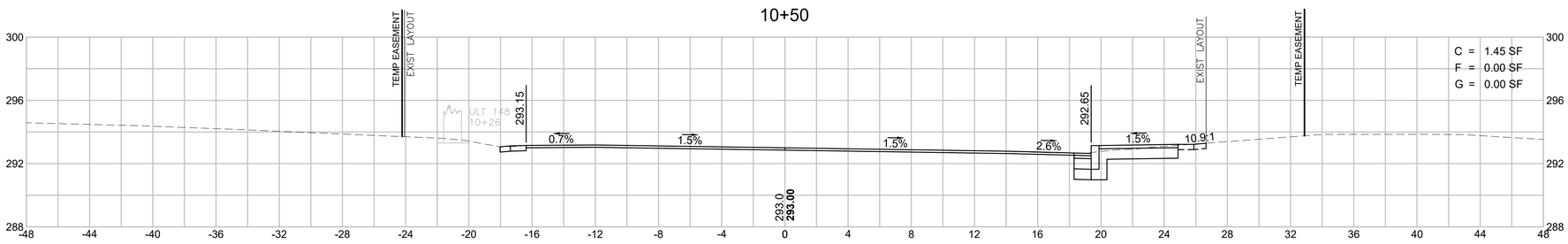
11+00



10+84



10+50



HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

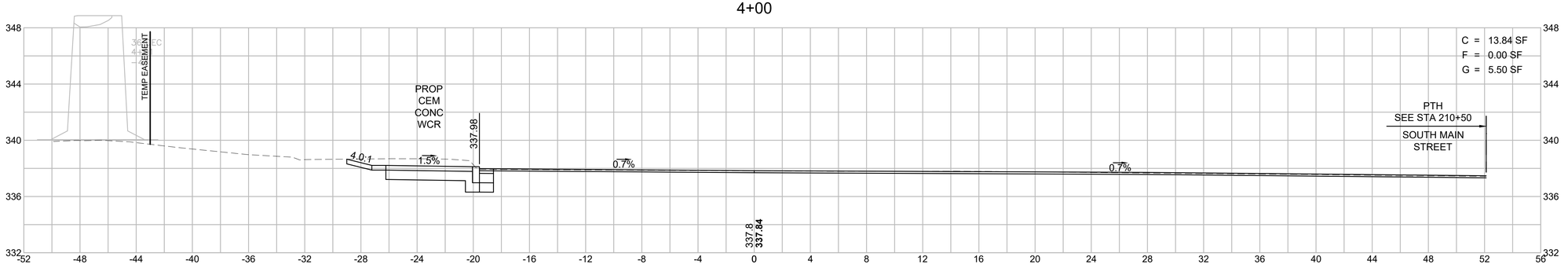
BELLINGHAM
SOUTH MAIN STREET (ROUTE 126)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	159	160
PROJECT FILE NO.	608887		

BLACKSTONE STREET
CROSS SECTIONS - 81

608887_HD(XS-ROUTE_126).DWG Plotted on 30-Oct-2020 10:16 AM

4+00



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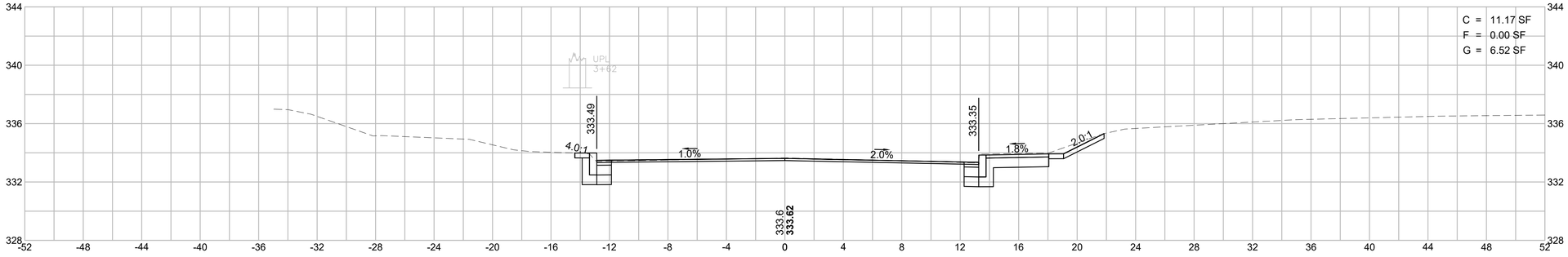
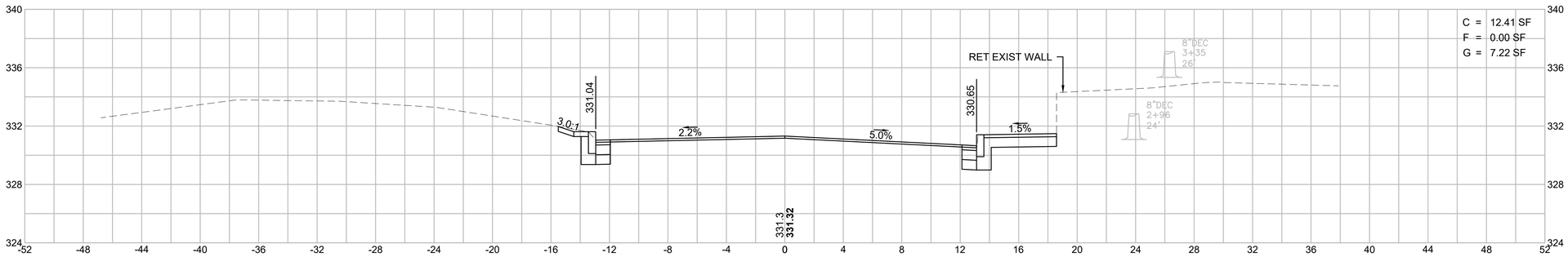


3+28



HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

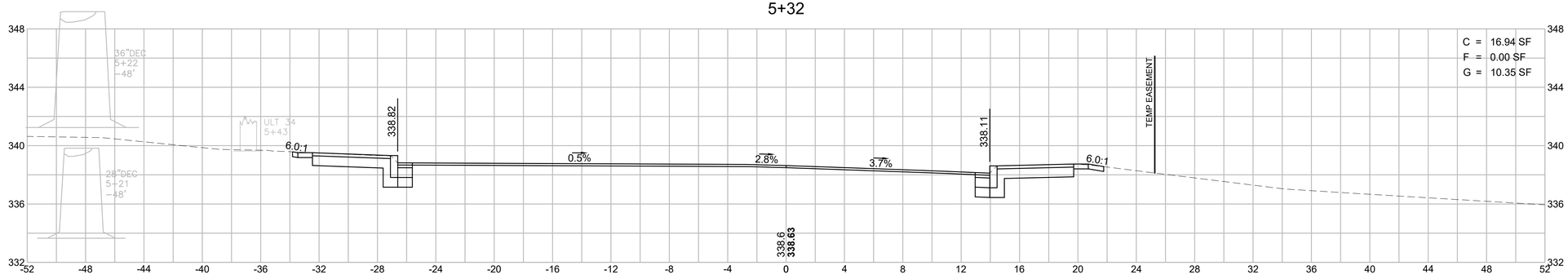
BELLINGHAM
SOUTH MAIN STREET (ROUTE 126)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	160	160
PROJECT FILE NO.	608887		

BLACKSTONE STREET
CROSS SECTIONS - 82

608887_HD\XS-ROUTE_126).DWG Plotted on 30-Oct-2020 10:17 AM

5+32



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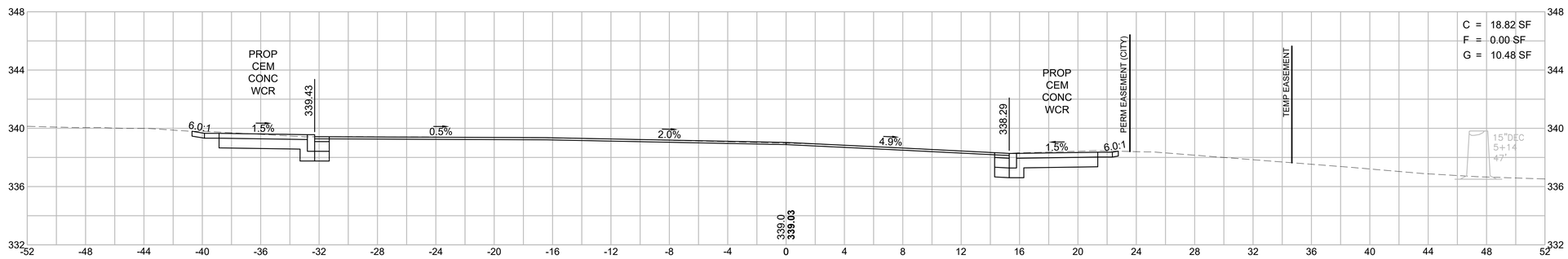

HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET