

# MASSACHUSETTS DEPARTMENT OF TRANSPORTATION HIGHWAY DIVISION

PLAN AND PROFILE OF  
GLEASONDALE ROAD  
(BRIDGE NO. S-29-001)

IN THE CITY/TOWN OF  
STOW  
MIDDLESEX COUNTY

FEDERAL AID PROJECT NO.

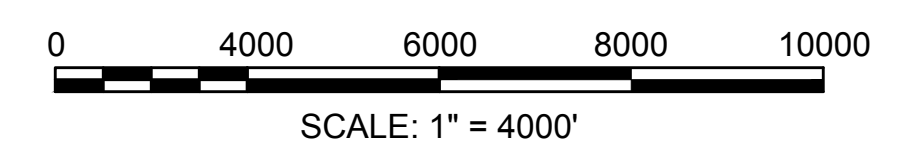
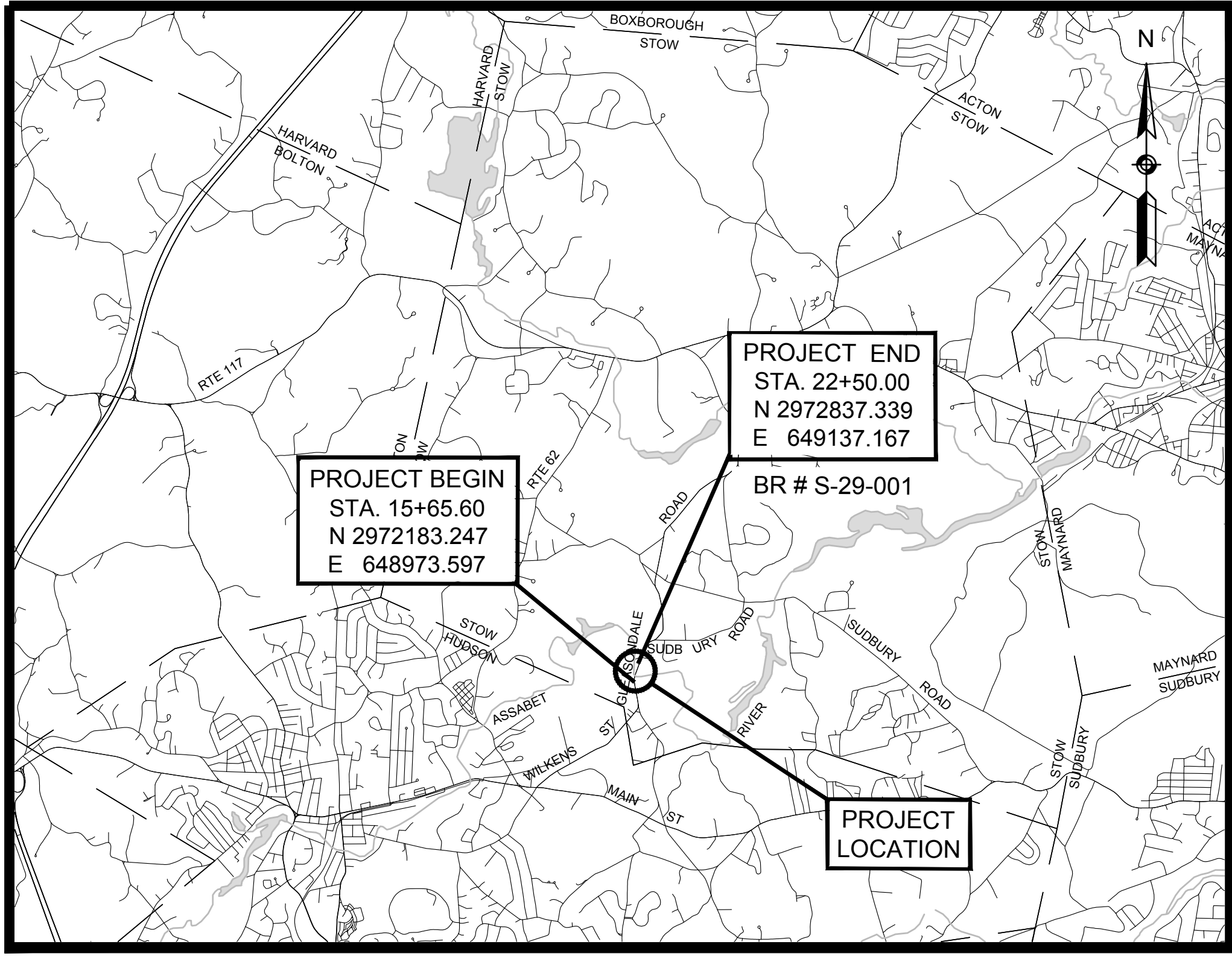
## 25% SUBMITTAL

STOW GLEASONDALE ROAD			
STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	1	32
PROJECT FILE NO.		605342	

TITLE SHEET & INDEX

THE MASSACHUSETTS HIGHWAY DEPARTMENT STANDARD SPECIFICATIONS FOR HIGHWAYS AND BRIDGES DATED 1988, AS AMENDED, THE SUPPLEMENTAL SPECIFICATIONS DATED JULY 1, 2015, INCLUDING MOST RECENT INTERIM SUPPLEMENTAL SPECIFICATIONS AT TIME OF BIDDING, THE OCTOBER 2017 CONSTRUCTION STANDARD DETAILS, THE 2015 OVERHEAD SIGNAL STRUCTURE AND FOUNDATION STANDARD DRAWINGS, MASSDOT TRAFFIC MANAGEMENT PLANS AND DETAIL DRAWINGS, THE LATEST MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS WITH MASSACHUSETTS AMENDMENTS, 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, WILL GOVERN.

INDEX	
SHEET NO.	DESCRIPTION
1	TITLE SHEET & INDEX*
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LENGTH OF PROJECT = 684.40 FEET = 0.130 MILES

### DESIGN DESIGNATION (GLEASONDALE ROAD)

DESIGN SPEED	30 MPH
ADT (2017)	4,896
ADT (2037)	6,880
K	12%
D	52%
T (PEAK HOUR)	N/A
T (AVERAGE DAY)	4%
DHV	582
DDHV	303
FUNCTIONAL CLASSIFICATION	NHS-PRINCIPAL ARTERIAL

DATE	DESCRIPTION	REV #

**FUSS & O'NEILL**  
540 NORTH COMMERCIAL ST.  
MANCHESTER, NH 03101  
603.668.8223  
www.fando.com

RECOMMENDED FOR APPROVAL

CHIEF ENGINEER \_\_\_\_\_ DATE \_\_\_\_\_

APPROVED

DEPARTMENT OF TRANSPORTATION  
FEDERAL HIGHWAY ADMINISTRATION

APPROVED:

DIVISION ADMINISTRATOR \_\_\_\_\_ DATE \_\_\_\_\_

HIGHWAY ADMINISTRATOR \_\_\_\_\_ DATE \_\_\_\_\_

FEBRUARY 15, 2019

GENERAL SYMBOLS

EXISTING	PROPOSED	DESCRIPTION
JB	JB	JERSEY BARRIER
CB	CB	CATCH BASIN
FP	FP	CATCH BASIN CURB INLET
GP	GP	FLAG POLE
MB	MB	GAS PUMP
		MAIL BOX
		POST SQUARE
		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
		CABLE MANHOLE
		DRAINAGE MANHOLE
		ELECTRIC MANHOLE
		GAS MANHOLE
		MISC MANHOLE
		SEWER MANHOLE
		TELEPHONE MANHOLE
		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
		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
		CHAIN LINK OR METAL FENCE
		WOOD FENCE
		COMPOST FILTER TUBES
		TREE LINE
		SAWCUT LINE
		TOP OR BOTTOM OF SLOPE
		EDGE OF PAVEMENT
		LIMIT OF MICROMILLING AND OVERLAY
		BANK OF RIVER OR STREAM
		BORDER OF WETLAND
		100 FT WETLAND BUFFER
		200 FT RIVERFRONT BUFFER
		STATE HIGHWAY LAYOUT
		TOWN OR CITY LAYOUT
		COUNTY LAYOUT
		RAILROAD SIDELINE
		TOWN OR CITY BOUNDARY LINE
		PROPERTY LINE OR APPROXIMATE PROPERTY LINE
		EASEMENT

TRAFFIC SYMBOLS

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

PAVEMENT MARKINGS SYMBOLS

EXISTING	PROPOSED	DESCRIPTION
		PAVEMENT ARROW - WHITE
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
	DYL	DOTTED YELLOW LINE
	DWLEX	DOTTED WHITE LINE EXTENSION
	DYLEX	DOTTED YELLOW LINE EXTENSION
	DBWL	DOUBLE WHITE LINE
	DBYL	DOUBLE YELLOW LINE

ABBREVIATIONS

GENERAL	DESCRIPTION
AADT	ANNUAL AVERAGE DAILY TRAFFIC
ABAN	ABANDON
ADJ	ADJUST
APPROX.	APPROXIMATE
A.C.	ASPHALT CONCRETE
ACCM PIPE	ASPHALT COATED CORRUGATED METAL PIPE
BIT.	BITUMINOUS
BC	BOTTOM OF CURB
BD.	BOUND
BL	BASELINE
BLDG	BUILDING
BM	BENCHMARK
BO	BY OTHERS
BOS	BOTTOM OF SLOPE
BR.	BRIDGE
CB	CATCH BASIN
CBCI	CATCH BASIN WITH CURB INLET
CC	CEMENT CONCRETE
CCM	CEMENT CONCRETE MASONRY
CEM	CEMENT
CI	CURB INLET
CIP	CAST IRON PIPE
CLF	CHAIN LINK FENCE
CL	CENTERLINE
CMP	CORRUGATED METAL PIPE
CSP	CORRUGATED STEEL PIPE
CO.	COUNTY
CONC	CONCRETE
CONT	CONTINUOUS
CONST	CONSTRUCTION
CR GR	CROWN GRADE
DHV	DESIGN HOURLY VOLUME
DI	DROP INLET
DIA	DIAMETER
DIP	DUCTILE IRON PIPE
DW	STEADY DON'T WALK - PORTLAND ORANGE
DWY	DRIVEWAY
ELEV (or EL.)	ELEVATION
EMB	EMBANKMENT
EOP	EDGE OF PAVEMENT
EXIST (or EX)	EXISTING
EXC	EXCAVATION
F&C	FRAME AND COVER
F&G	FRAME AND GRATE
FDN.	FOUNDATION
FLDSTN	FIELDSTONE
GAR	GARAGE
GD	GROUND
GG	GAS GATE
GI	GUTTER INLET
GIP	GALVANIZED IRON PIPE
GRAN	GRANITE
GRAV	GRAVEL
GRD	GUARD
HDW	HEADWALL
HMA	HOT MIX ASPHALT
HOR	HORIZONTAL
HYD	HYDRANT
INV	INVERT
JCT	JUNCTION
L	LENGTH OF CURVE
LB	LEACH BASIN
LP	LIGHT POLE
LPST	LIVING PUBLIC SHADE TREE
LT	LEFT
MAX	MAXIMUM
MB	MAILBOX
MH	MANHOLE
MHB	MASSACHUSETTS HIGHWAY BOUND
MIN	MINIMUM
NIC	NOT IN CONTRACT
NO.	NUMBER
PC	POINT OF CURVATURE
PCC	POINT OF COMPOUND CURVATURE
P.G.L.	PROFILE GRADE LINE
PI	POINT OF INTERSECTION
POC	POINT ON CURVE
POT	POINT ON TANGENT
PRC	POINT OF REVERSE CURVATURE
PROJ	PROJECT
PROP	PROPOSED
PSB	PLANTABLE SOIL BORROW
PT	POINT OF TANGENCY
PVC	POINT OF VERTICAL CURVATURE
PVI	POINT OF VERTICAL INTERSECTION
PVT	POINT OF VERTICAL TANGENCY

STOW  
GLEASONDALE ROAD

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	2	32
PROJECT FILE NO. 605342			

LEGEND & ABBREVIATIONS

ABBREVIATIONS (cont.)

GENERAL	DESCRIPTION
PVMT	PAVEMENT
PWW	PAVED WATER WAY
R	RADIUS OF CURVATURE
R&D	REMOVE AND DISPOSE
RCP	REINFORCED CONCRETE PIPE
RD	ROAD
RDWY	ROADWAY
REM	REMOVE
RET	RETAIN
RET WALL	RETAINING WALL
ROW	RIGHT OF WAY
RR	RAILROAD
R&R	REMOVE AND RESET
R&S	REMOVE AND STACK
RT	RIGHT
SB	STONE BOUND
SHLD	SHOULDER
SMH	SEWER MANHOLE
ST	STREET
STA	STATION
SSD	STOPPING SIGHT DISTANCE
SHLO	STATE HIGHWAY LAYOUT LINE
SW	SIDEWALK
T	TANGENT DISTANCE OF CURVE/TRUCK %
TAN	TANGENT
TEMP	TEMPORARY
TC	TOP OF CURB
TOS	TOP OF SLOPE
TYP	TYPICAL
UP	UTILITY POLE
VAR	VARIES
VERT	VERTICAL
VC	VERTICAL CURVE
WCR	WHEEL CHAIR RAMP
WG	WATER GATE
WIP	WROUGHT IRON PIPE
WM	WATER METER/WATER MAIN
X-SECT	CROSS SECTION

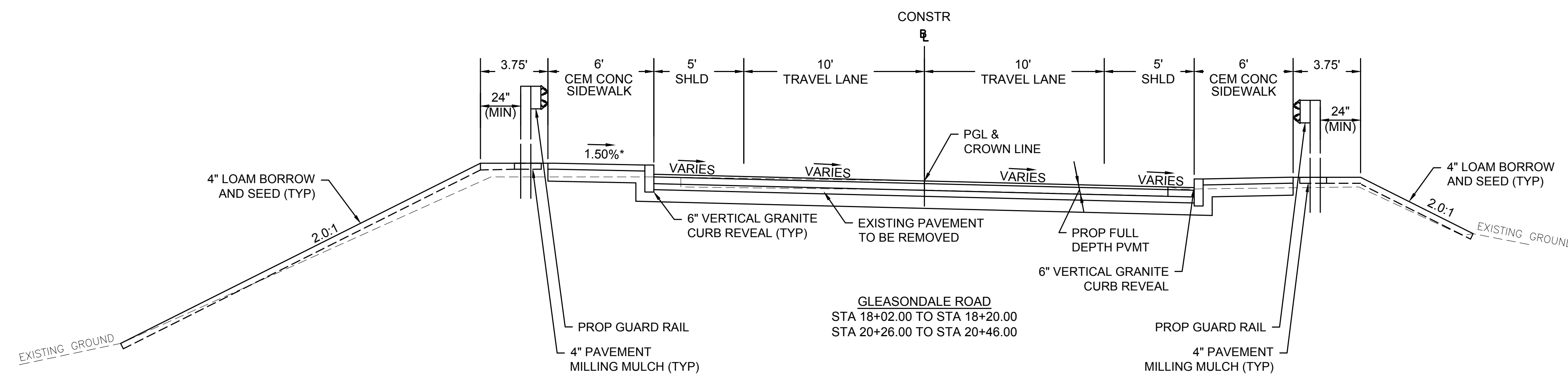
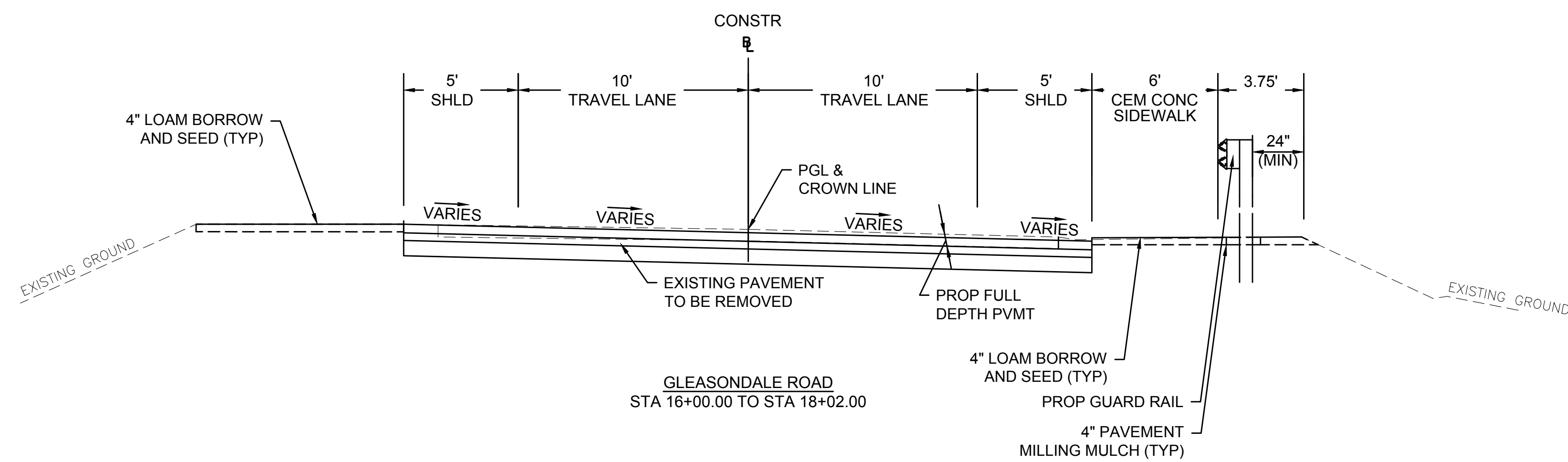
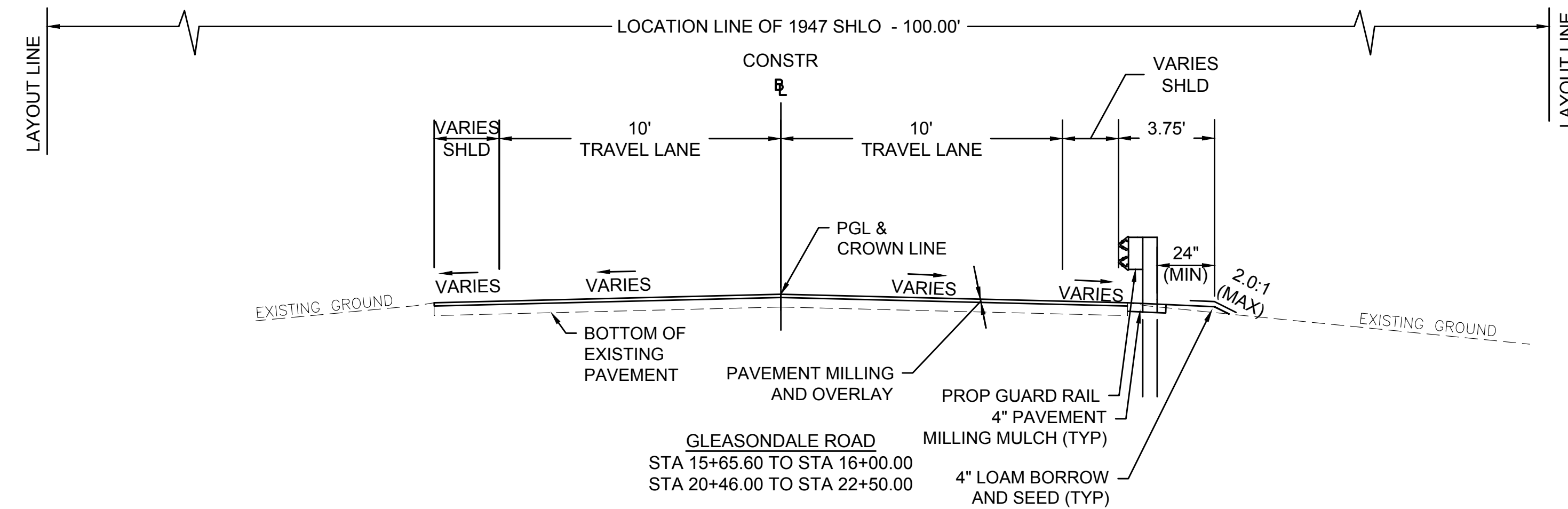
TRAFFIC SIGNAL ABBREVIATIONS

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

**STOW  
GLEASONDALE ROAD**

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	3	32
PROJECT FILE NO.		605342	

**TYPICAL SECTIONS**



**PAVEMENT NOTES**

**PROPOSED FULL DEPTH PAVEMENT**

- SURFACE: 1 1/2" SUPERPAVE BRIDGE SURFACE COURSE 9.5 (SSC-B-9.5)
- INTERMEDIATE: 2" SUPERPAVE INTERMEDIATE COURSE 12.5(SIC-12.5)
- BASE: 4" SUPERPAVE BASE COURSE 37.5 (SBC-37.5)
- SUBBASE: 4" DENSE GRADED CRUSHED STONE OVER 8" GRAVEL BORROW, TYPE b

**PROPOSED MILLING & PAVEMENT OVERLAY**

- SURFACE: 1 1/2" SUPERPAVE BRIDGE SURFACE COURSE 9.5 (SSC-B-9.5) WITH VARIABLE DEPTH PAVEMENT MICROMILLING

**PAVEMENT NOTES**

1. ALL SUPERPAVE ROADWAY HMA SHALL BE WARM MIX ASPHALT PAVEMENT.
2. ASPHALT EMULSION FOR TACK COAT SHALL BE APPLIED TO ALL SURFACES TO BE OVERLAID WITH HMA AT THE RATE OF 0.05 GALLONS PER SQUARE YARD OVER SMOOTH PAVEMENT AND 0.07 GALLONS PER SQUARE YARD OVER MILLED SURFACES PRIOR TO PAVING.

**PROPOSED HMA DRIVEWAY PAVEMENT FOR DRIVEWAY APRONS**

- SURFACE: 3 1/2" HOT MIX ASPHALT PLACED IN TWO COURSES (1 1/2" SUPERPAVE SURFACE COURSE 9.5 (SSC-9.5) OVER 2" SUPERPAVE INTERMEDIATE COURSE 12.5 (SIC-12.5)).
- SUBBASE: 8" GRAVEL BORROW, TYPE b

**PROPOSED GRAVEL DRIVEWAY**

- SURFACE: 12" GRAVEL BORROW, TYPE b

**NOTES**

1. USE NEW WOOD OR PLASTIC OFFSET BLOCKS ON ALL NEW AND RESET GUARD RAIL.
2. ALL GUARD RAIL WILL REQUIRE DELINEATORS IN ACCORDANCE WITH ALL APPLICABLE SUBSECTIONS IN SECTION 828 OF THE STANDARD SPECIFICATIONS.
3. PROVIDE 4 INCHES OF PAVEMENT MILLING MULCH UNDER GUARD RAIL THAT CONFORMS TO ALL THE REQUIREMENTS OF ITEM 769.
4. FOR METHOD OF ROUNDING SLOPES, SEE STANDARD DRAWING E 103.1.0.

\* TOLERANCE FOR CONSTRUCTION +/- 0.5%

\*\* TOLERANCE FOR CONSTRUCTION PER BRIDGE SPECIFICATION

GLEASONDALE ROAD CONSTRUCTION BASELINE DATA								
NUMBER	STARTING STATION	NORTHING	EASTING	CURVE DATA	LINE DATA	ENDING STATION	NORTHING	EASTING
C1	14+77.03	2972095.871	648988.077	R=3500.00' Δ=1°13'02" L=74.35' T=37.18'		15+51.38	2972169.198	648975.797
L2	15+51.38	2972169.198	648975.797		N8°53'54"W 57.31'	16+08.69	2972225.816	648966.932
C2	16+08.69	2972225.816	648966.932	R=400.00' Δ=28°50'14" L=201.32' T=102.84'		18+10.01	2972424.096	648986.095
L3	18+10.01	2972424.096	648986.095		N19°56'20"E 178.70'	19+88.71	2972592.083	649047.034
C3	19+88.71	2972592.083	649047.034	R=8800.00' Δ=0°15'34" L=39.86' T=19.93'		20+28.56	2972629.522	649060.712

SURVEY TRAVERSE DATA				
POINT	ELEVATION	NORTHING	EASTING	RAW DESCRIPTION
2	191.922	2972489.343	648989.436	MTRV MDHL
4	192.794	2972137.137	648965.104	MTRV MSTN
10	176.205	2972468.802	649014.692	MTRV MSTN
11	176.108	2972399.344	649055.937	MTRV MSTN
12	176.020	2972601.102	649041.852	MTRV MSTN
15	180.041	2972521.742	649095.573	MTRV MSTN 13
20	178.996	2972590.437	648990.806	MTRV MSTN SET
26	179.069	2972387.117	649107.429	MTRV MSTN

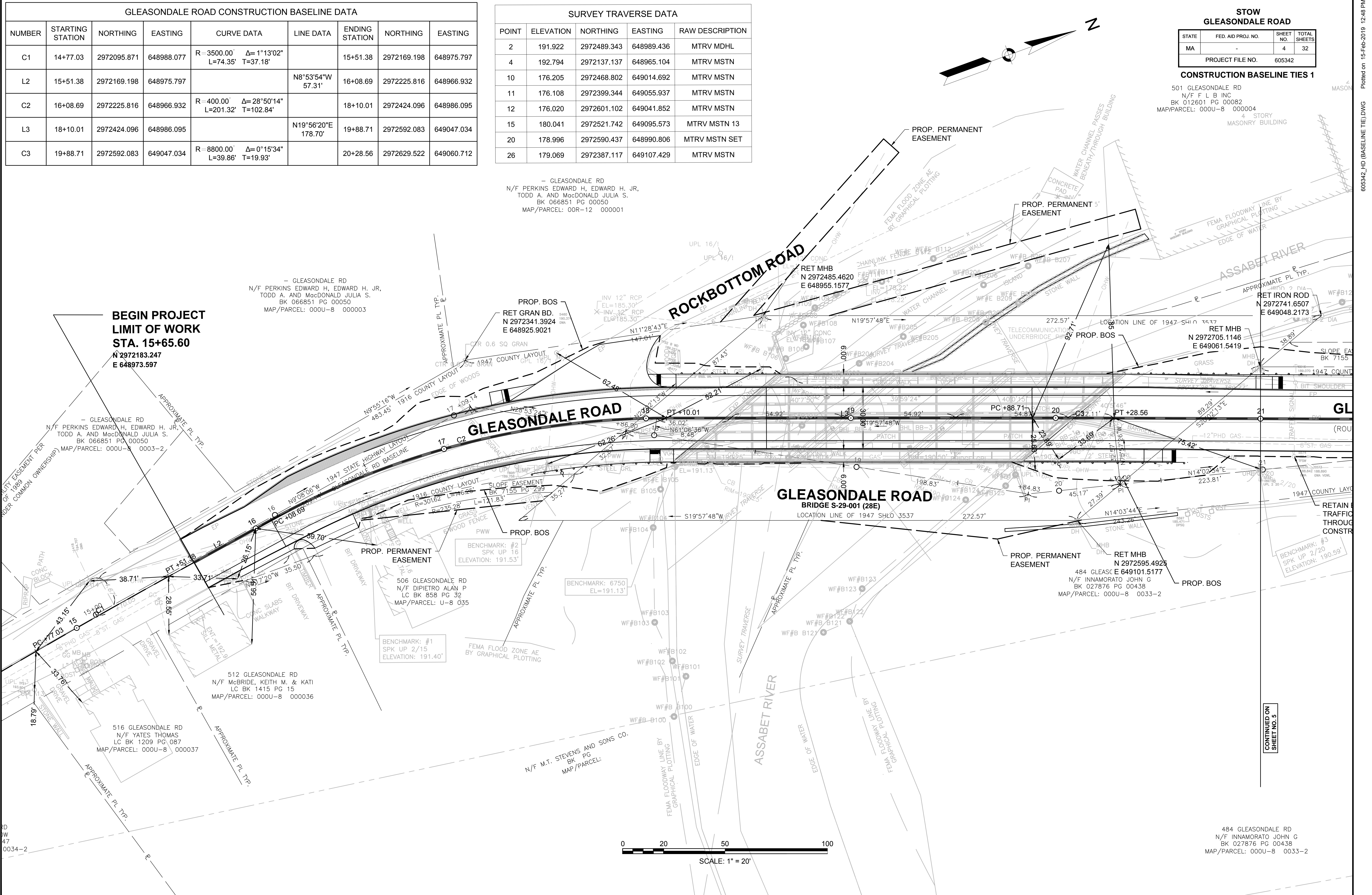
STOW GLEASONDALE ROAD			
STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	4	32
PROJECT FILE NO. 605342			

**CONSTRUCTION BASELINE TIES 1**

501 GLEASONDALE RD  
N/F PERKINS EDWARD H, EDWARD H. JR,  
TODD A. AND MacDONALD JULIA S.  
BK 066851 PG 00050  
MAP/PARCEL: 000U-8 000004

GLEASONDALE RD  
N/F PERKINS EDWARD H, EDWARD H. JR,  
TODD A. AND MacDONALD JULIA S.  
BK 066851 PG 00050  
MAP/PARCEL: 00R-12 000001

**BEGIN PROJECT  
LIMIT OF WORK  
STA. 15+65.60**  
N 2972183.247  
E 648973.597



CONTINUED ON  
SHEET NO. 5

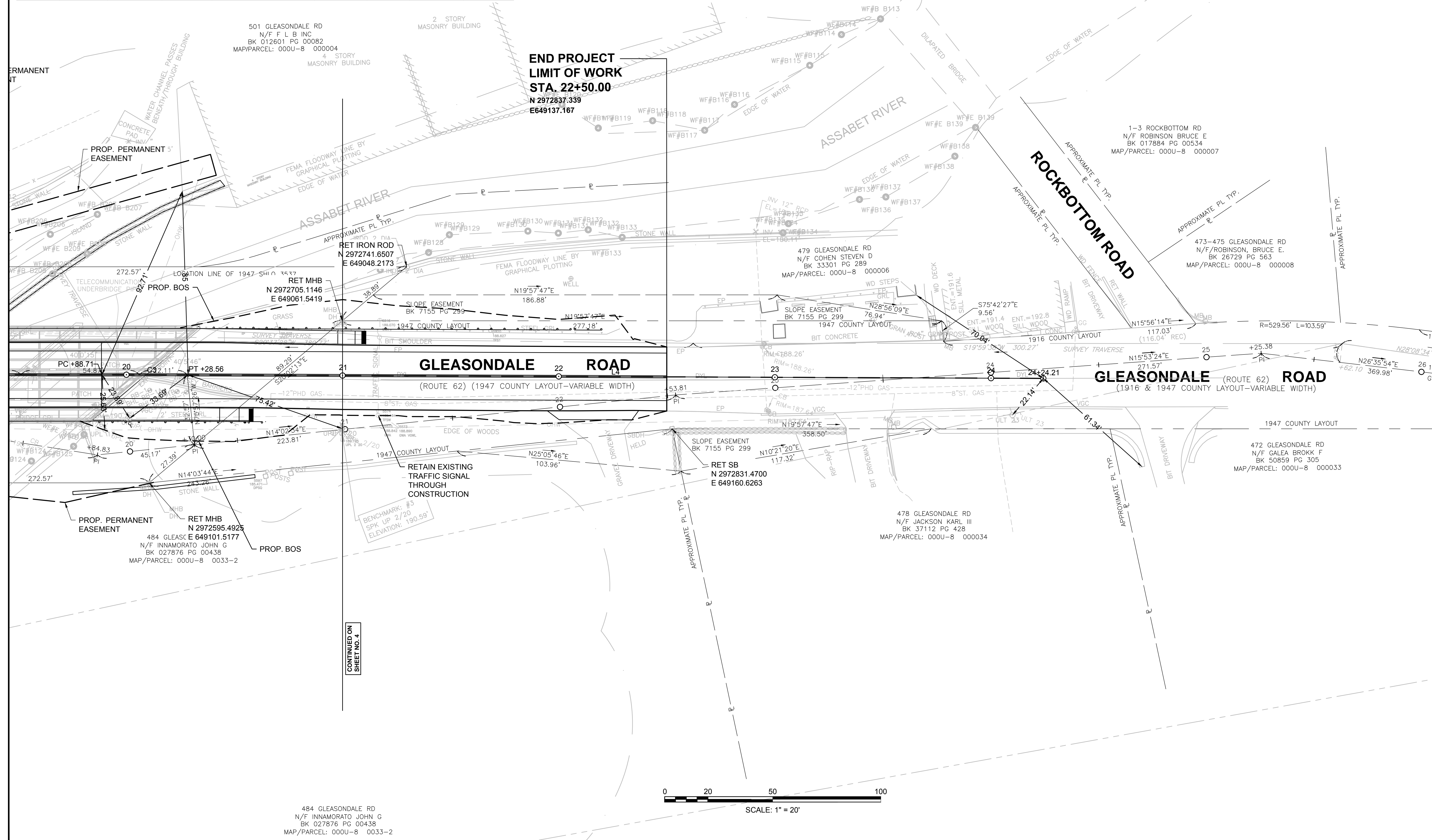
484 GLEASONDALE RD  
N/F INNAMORATO JOHN G  
BK 027876 PG 00438  
MAP/PARCEL: 000U-8 0033-2

GLEASONDALE ROAD CONSTRUCTION BASELINE DATA								
NUMBER	STARTING STATION	NORTHING	EASTING	CURVE DATA	LINE DATA	ENDING STATION	NORTHING	EASTING
C3	19+88.71	2972592.083	649047.034	R=8800.00 Δ=0°15'34" L=39.86' T=19.93'		20+28.56	2972629.522	649060.712
L4	20+28.56	2972629.522	649060.712		N20°11'54"E 395.64'	24+24.21	2973000.833	649197.316

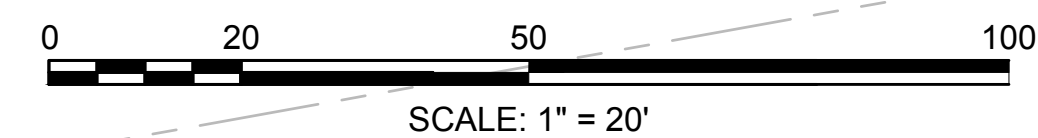
SURVEY TRAVERSE DATA				
POINT	ELEVATION	NORTHING	EASTING	RAW DESCRIPTION
1	188.449	2972854.127	649126.728	MTRV MMAG
23	189.092	2972763.318	649092.551	MTRV MMAG
1814	199.980	2973136.289	649229.374	MTRV GPS MMAG

STOW GLEASONDALE ROAD			
STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	5	32
PROJECT FILE NO. 605342			

**CONSTRUCTION BASELINE TIES 2**



484 GLEASONDALE RD  
N/F INNAMORATO JOHN G  
BK 027876 PG 00438  
MAP/PARCEL: 000U-8 0033-2



CONTINUED ON  
SHEET NO. 4

**STOW**  
**GLEASONDALE ROAD**

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	6	32

PROJECT FILE NO. 605342

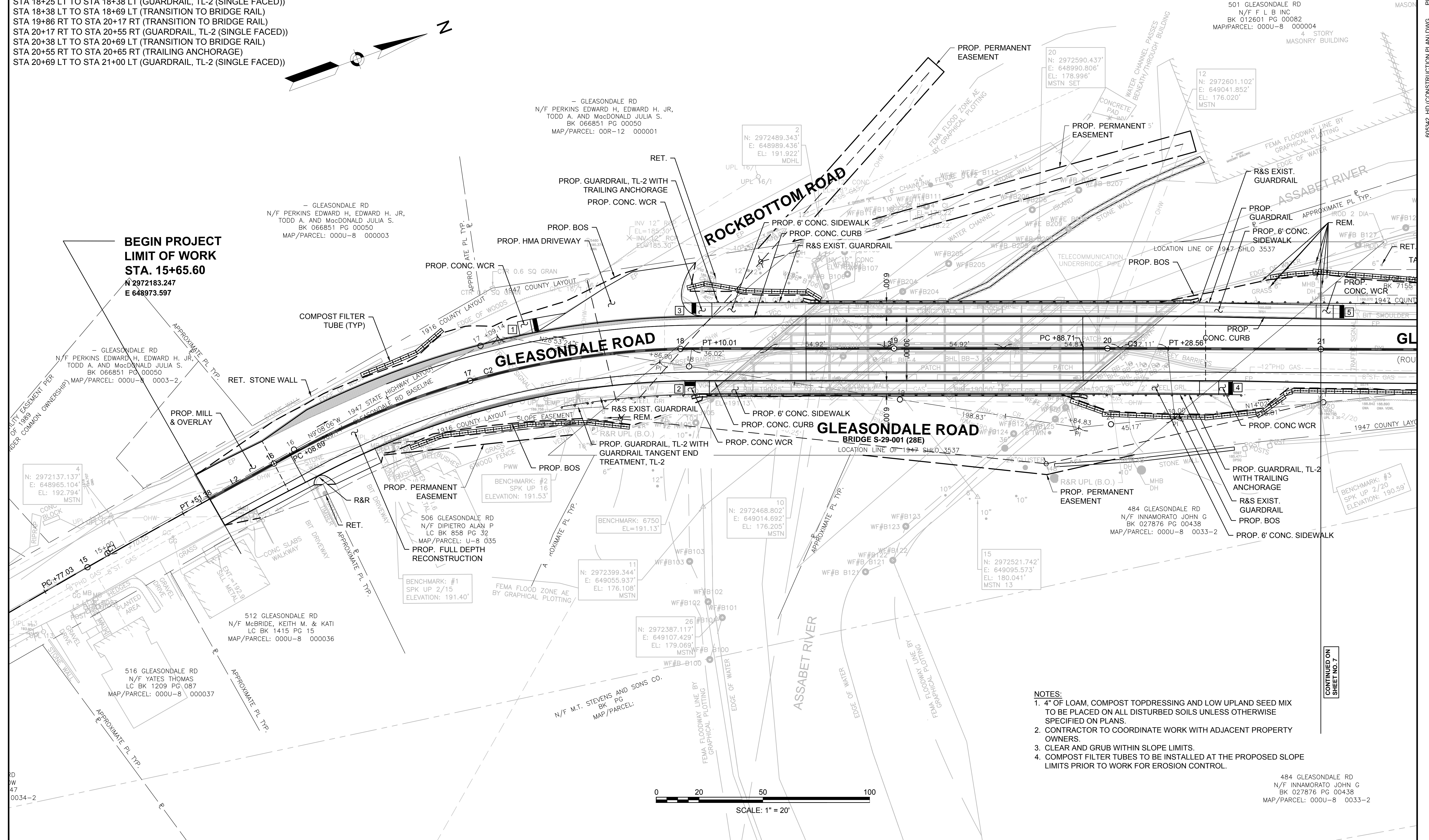
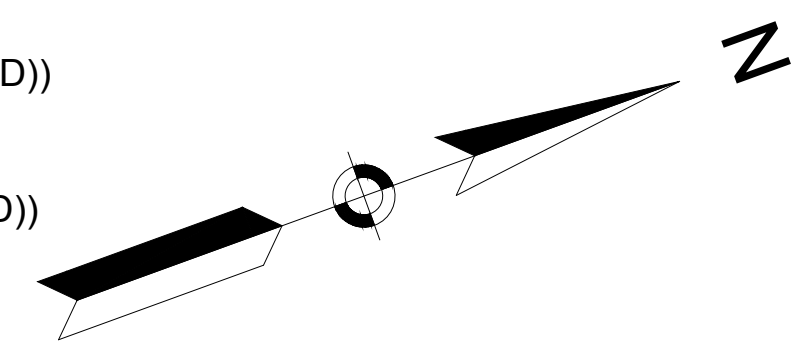
**CONSTRUCTION PLAN 1**

501 GLEASONDALE RD  
N/F L B INC  
BK 012601 PG 00082  
MAP/PARCEL: 000U-8 000004

4 STORY  
MASONRY BUILDING

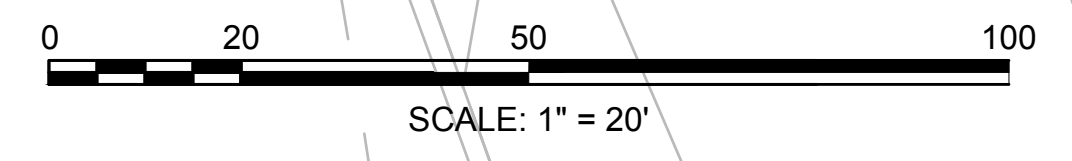
- HIGHWAY GUARD DETAILS**
- STA 17+41 RT TO STA 17+53 RT (GUARDRAIL TANGENT END TREATMENT, TL-2)
  - STA 17+53 RT TO STA 17+72 RT (GUARDRAIL, TL-2 (SINGLE FACED))
  - STA 17+72 RT TO STA 18+03 RT (TRANSITION TO BRIDGE RAIL)
  - STA 18+16 LT TO STA 18+25 LT (TRAILING ANCHORAGE)
  - STA 18+25 LT TO STA 18+38 LT (GUARDRAIL, TL-2 (SINGLE FACED))
  - STA 18+38 LT TO STA 18+69 LT (TRANSITION TO BRIDGE RAIL)
  - STA 19+86 RT TO STA 20+17 RT (TRANSITION TO BRIDGE RAIL)
  - STA 20+17 RT TO STA 20+55 RT (GUARDRAIL, TL-2 (SINGLE FACED))
  - STA 20+38 LT TO STA 20+69 LT (TRANSITION TO BRIDGE RAIL)
  - STA 20+55 RT TO STA 20+65 RT (TRAILING ANCHORAGE)
  - STA 20+69 LT TO STA 21+00 LT (GUARDRAIL, TL-2 (SINGLE FACED))

- TRAFFIC SIGNAL CONDUIT** SEE BELOW
- WATER SUPPLY ALTERATIONS** SEE BELOW
- DRAINAGE DETAILS** SEE BELOW



**BEGIN PROJECT LIMIT OF WORK STA. 15+65.60**  
N 2972183.247  
E 648973.597

- NOTES:**
- 4" OF LOAM, COMPOST TOPDRESSING AND LOW UPLAND SEED MIX TO BE PLACED ON ALL DISTURBED SOILS UNLESS OTHERWISE SPECIFIED ON PLANS.
  - CONTRACTOR TO COORDINATE WORK WITH ADJACENT PROPERTY OWNERS.
  - CLEAR AND GRUB WITHIN SLOPE LIMITS.
  - COMPOST FILTER TUBES TO BE INSTALLED AT THE PROPOSED SLOPE LIMITS PRIOR TO WORK FOR EROSION CONTROL.



CONTINUED ON SHEET NO. 7

484 GLEASONDALE RD  
N/F INNAMORATO JOHN G  
BK 027876 PG 00438  
MAP/PARCEL: 000U-8 0033-2

HIGHWAY GUARD DETAILS

STA 21+00 LT TO STA 22+07 LT (GUARDRAIL, TL-2 (SINGLE FACED))  
STA 22+07 LT TO STA 22+20 LT (GUARDRAIL TANGENT END TREATMENT, TL-2)

TRAFFIC SIGNAL CONDUIT

SEE BELOW

WATER SUPPLY ALTERATIONS

SEE BELOW

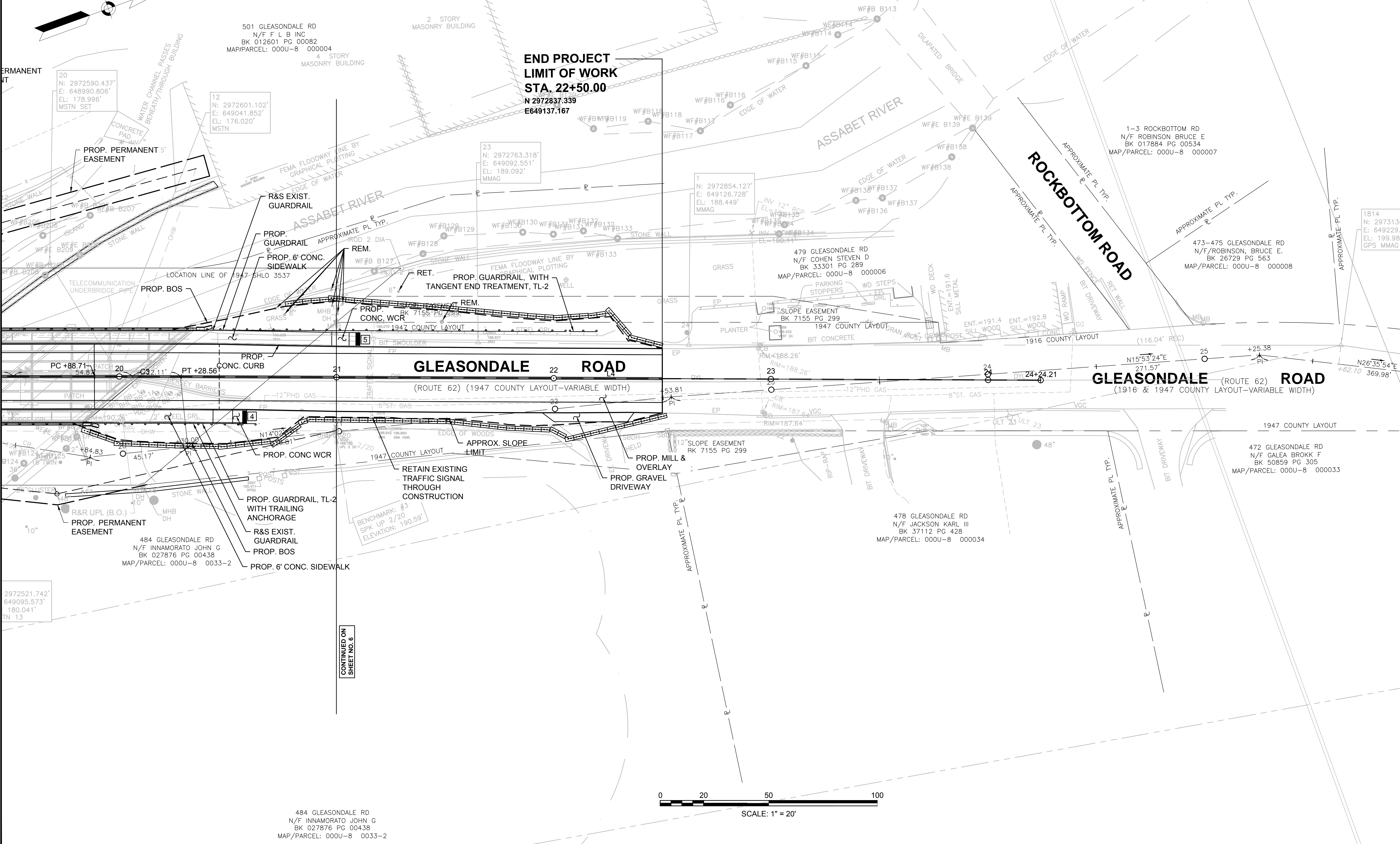
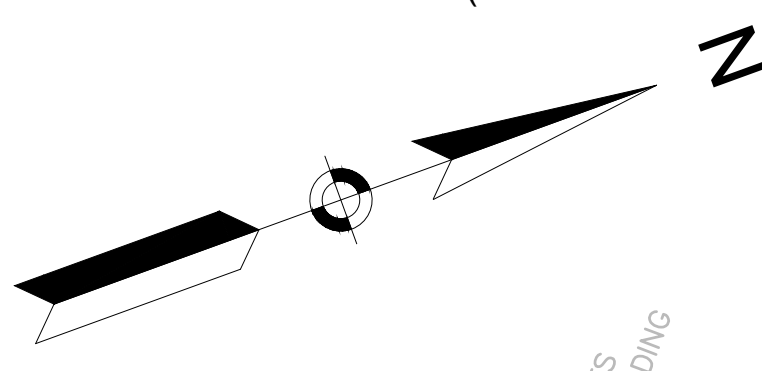
DRAINAGE DETAILS

SEE BELOW

STOW  
GLEASONDALE ROAD

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	7	32
PROJECT FILE NO. 605342			

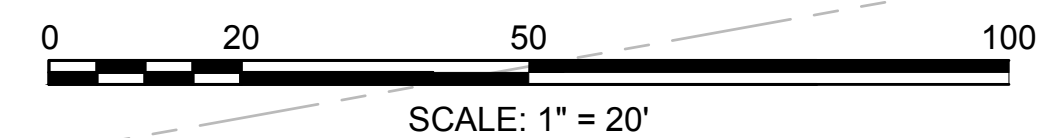
CONSTRUCTION PLAN 2



**END PROJECT  
LIMIT OF WORK  
STA. 22+50.00**  
N 2972837.339  
E 649137.167

**GLEASONDALE ROAD**  
(ROUTE 62) (1947 COUNTY LAYOUT-VARIABLE WIDTH)

**GLEASONDALE ROAD**  
(1916 & 1947 COUNTY LAYOUT-VARIABLE WIDTH)



484 GLEASONDALE RD  
N/F INNAMORATO JOHN G  
BK 027876 PG 00438  
MAP/PARCEL: 000U-8 0033-2

CONTINUED ON  
SHEET NO. 6

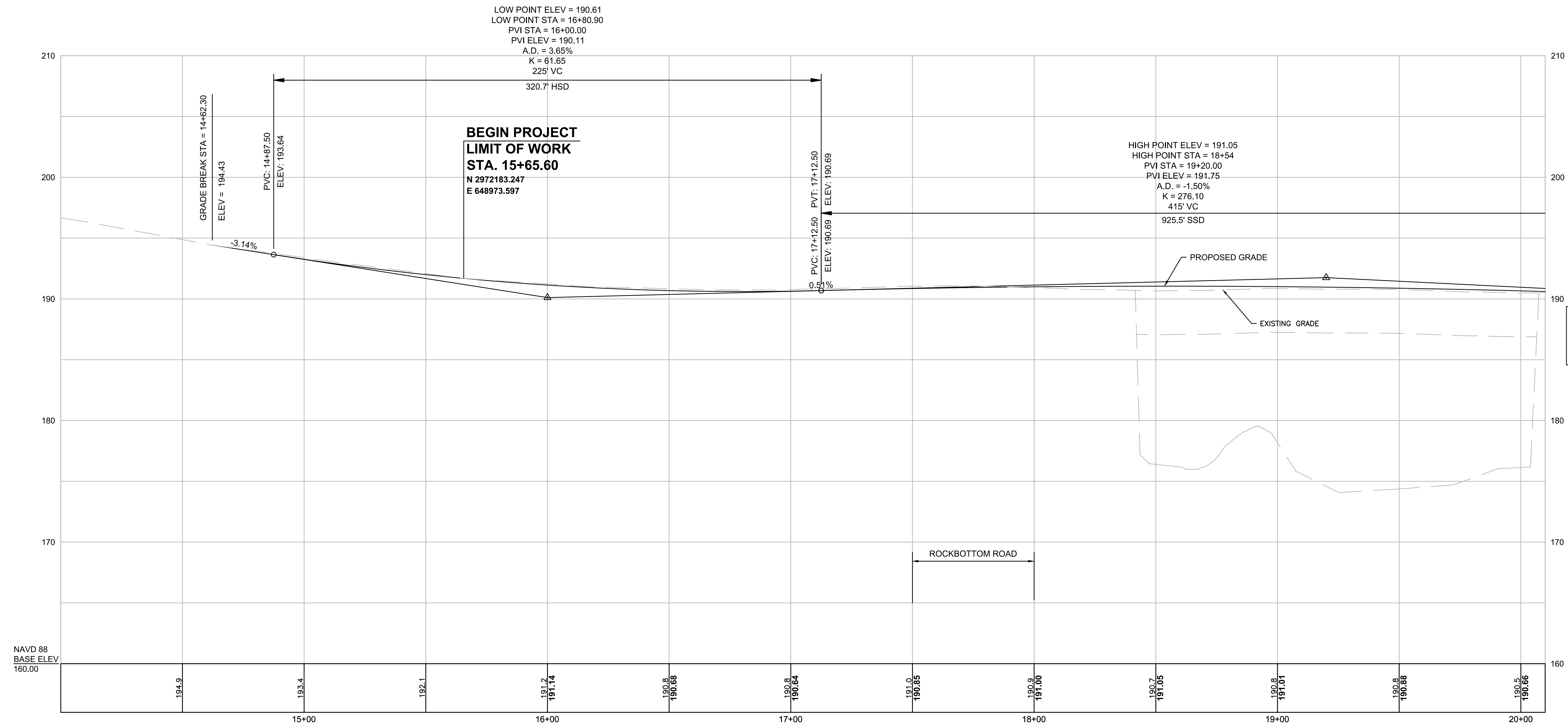
STOW  
GLEASONDALE ROAD

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	8	32

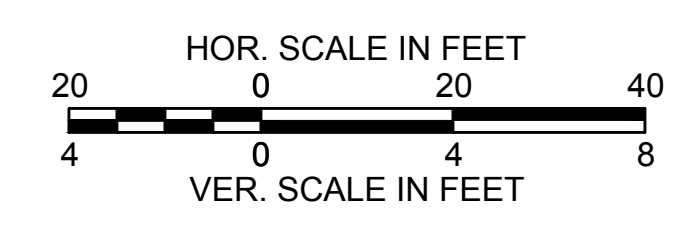
PROJECT FILE NO. 605342

CONSTRUCTION PROFILE 1

GLEASONDALE ROAD



NOTE: BRIDGE DECK WILL BE ADDED AT 75%



FOR PLAN: SEE SHEET NO. 6

CONTINUED ON  
SHEET NO. 9

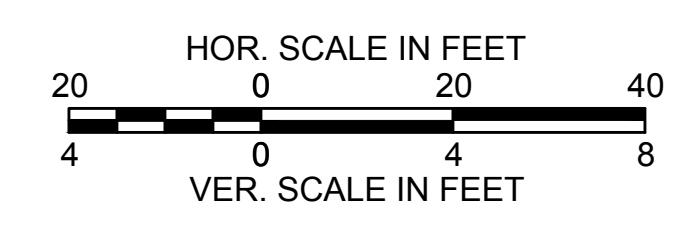
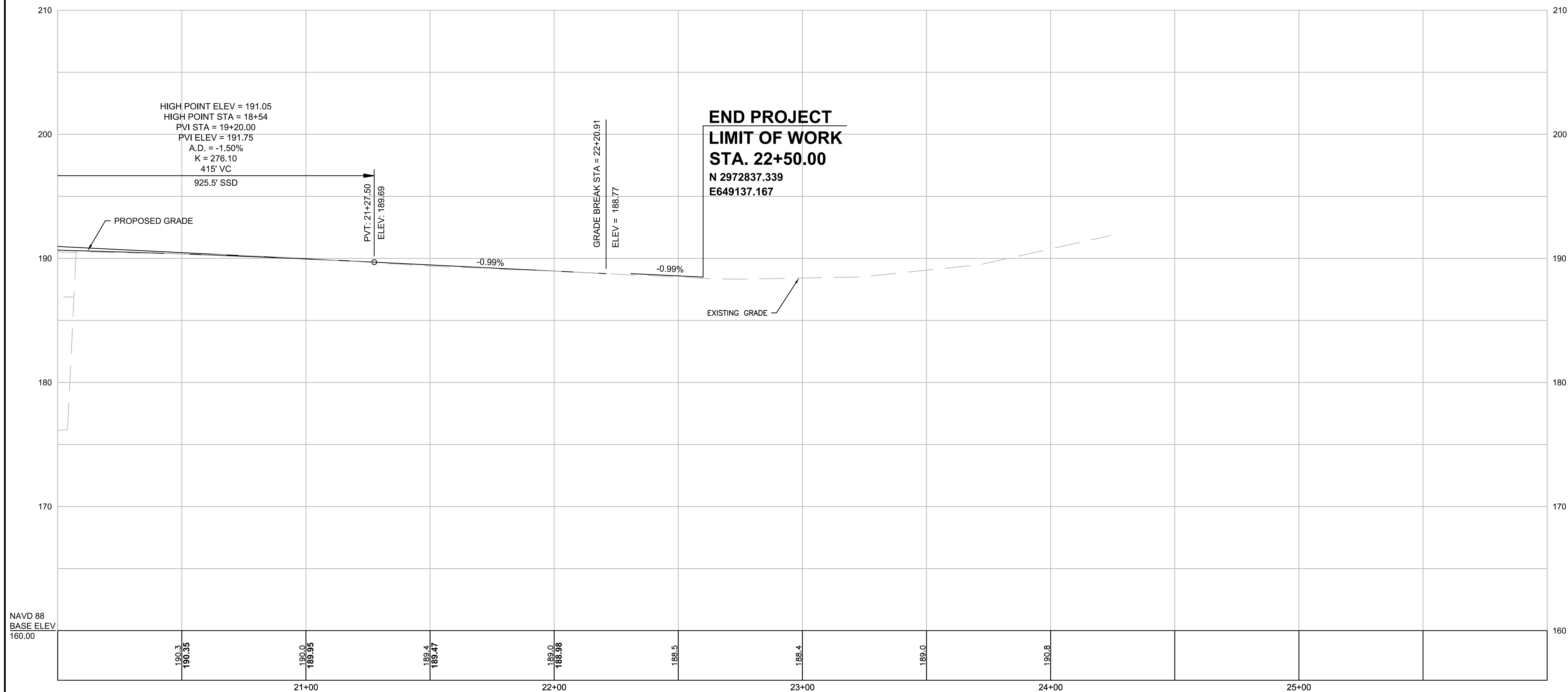


STOW  
GLEASONDALE ROAD

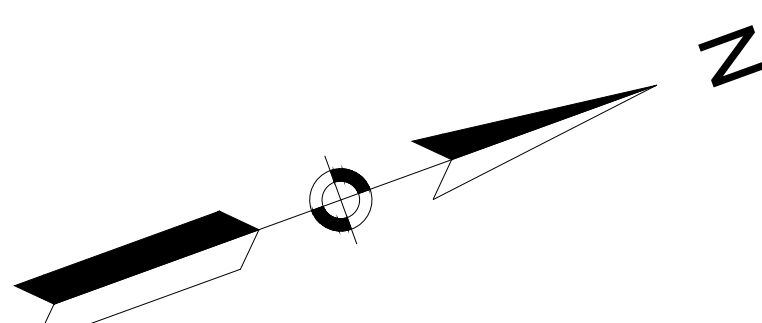
STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	9	32
PROJECT FILE NO. 605342			

CONSTRUCTION PROFILE 2

GLEASONDALE ROAD



FOR PLAN: SEE SHEET NO. 7



**STOW  
GLEASONDALE ROAD**

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	10	32

PROJECT FILE NO. 605342

**TRAFFIC SIGN AND PAVEMENT MARKINGS - 1**  
 501 GLEASONDALE RD  
 N/F F L B INC  
 BK 012601 PG 00082  
 MAP/PARCEL: 000U-8 000004  
 4 STORY  
 MASONRY BUILDING

GLEASONDALE RD  
 N/F PERKINS EDWARD H, EDWARD H, JR,  
 TODD A. AND MacDONALD JULIA S.  
 BK 066851 PG 00050  
 MAP/PARCEL: 00R-12 000001

GLEASONDALE RD  
 N/F PERKINS EDWARD H, EDWARD H, JR,  
 TODD A. AND MacDONALD JULIA S.  
 BK 066851 PG 00050  
 MAP/PARCEL: 000U-8 000003

**BEGIN PROJECT  
LIMIT OF WORK  
STA. 15+65.60**  
 N 2972183.247  
 E 648973.597

GLEASONDALE RD  
 N/F PERKINS EDWARD H, EDWARD H, JR,  
 TODD A. AND MacDONALD JULIA S.  
 BK 066851 PG 00050  
 MAP/PARCEL: 000U-8 00003-2

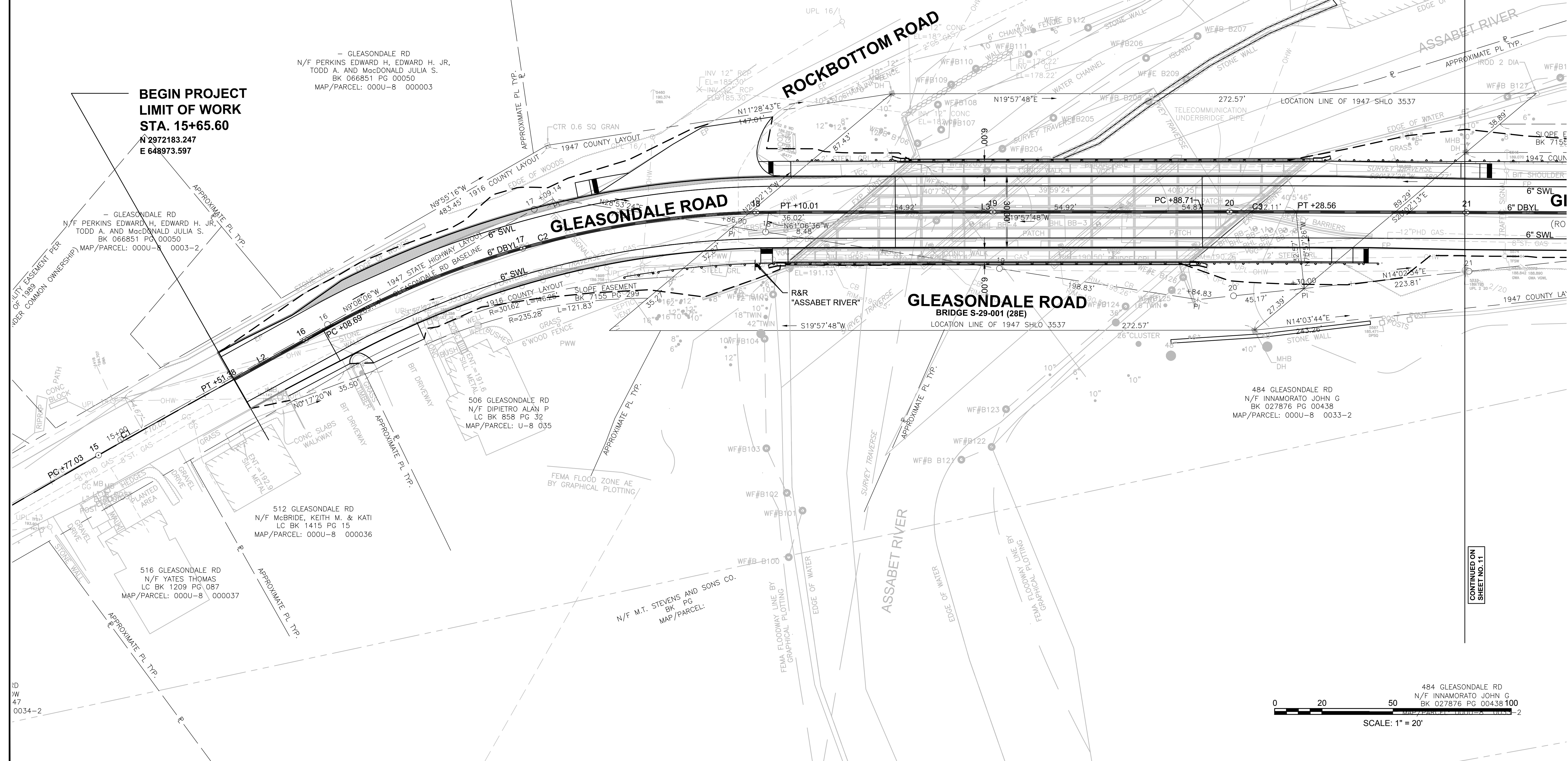
512 GLEASONDALE RD  
 N/F McBRIDE, KEITH M. & KATI  
 LC BK 1415 PG 15  
 MAP/PARCEL: 000U-8 000036

516 GLEASONDALE RD  
 N/F YATES THOMAS  
 LC BK 1209 PG 087  
 MAP/PARCEL: 000U-8 000037

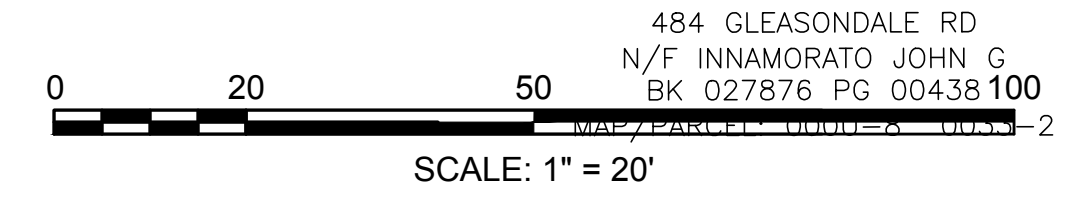
506 GLEASONDALE RD  
 N/F DIPIETRO ALAN P  
 LC BK 858 PG 32  
 MAP/PARCEL: U-8 035

484 GLEASONDALE RD  
 N/F INNAMORATO JOHN G  
 BK 027876 PG 00438  
 MAP/PARCEL: 000U-8 0033-2

N/F M.T. STEVENS AND SONS CO.  
 BK PG  
 MAP/PARCEL:



CONTINUED ON  
SHEET NO. 11



484 GLEASONDALE RD  
 N/F INNAMORATO JOHN G  
 BK 027876 PG 00438

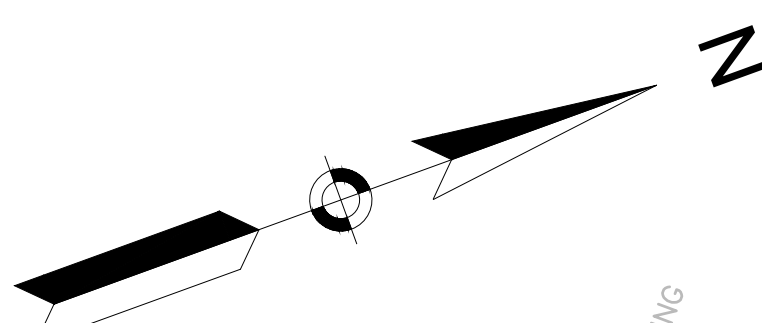
ID  
 JW  
 47  
 0034-2

**STOW**  
**GLEASONDALE ROAD**

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	11	32

PROJECT FILE NO. 605342

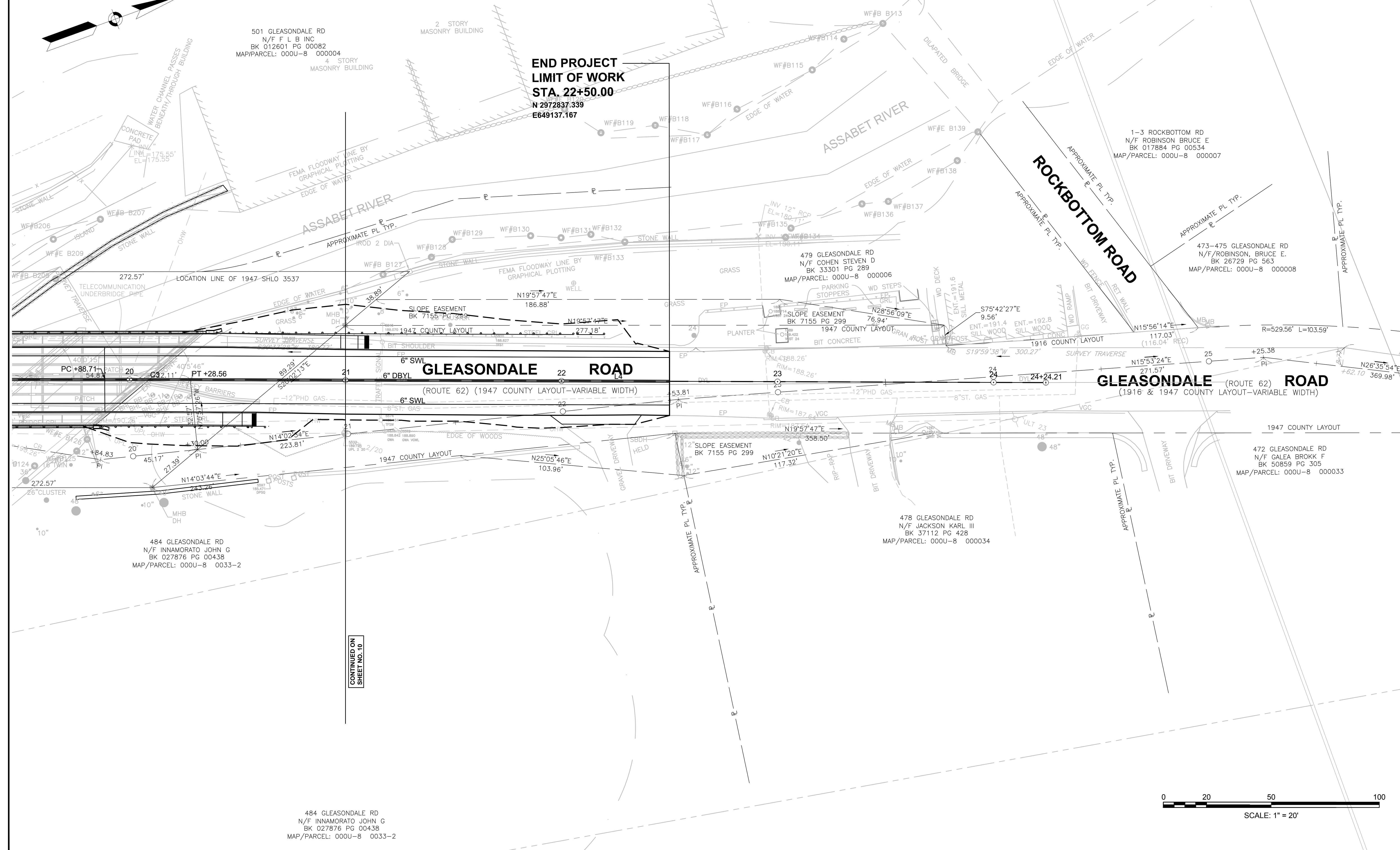
**TRAFFIC SIGN AND PAVEMENT MARKINGS - 1**



501 GLEASONDALE RD  
N/F F L B INC  
BK 012601 PG 00082  
MAP/PARCEL: 000U-8 000004

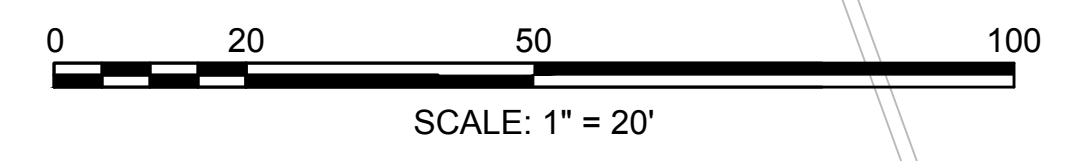
2 STORY  
MASONRY BUILDING

**END PROJECT  
LIMIT OF WORK  
STA. 22+50.00**  
N 2972837.339  
E 649137.167



CONTINUED ON  
SHEET NO. 10

484 GLEASONDALE RD  
N/F INNAMORATO JOHN G  
BK 027876 PG 00438  
MAP/PARCEL: 000U-8 0033-2



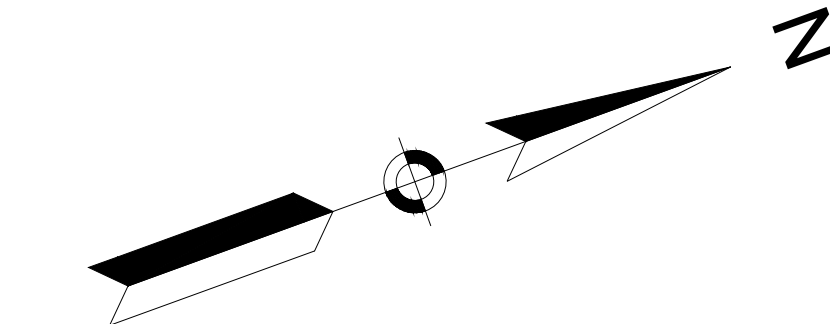
**STOW  
GLEASONDALE ROAD**

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	12	32

501 GLEASONDALE RD  
N/F F L I  
BK 012601 P  
MAP/PARCEL: 000U-8 000004

**TRAFFIC CONTROL STAGE 1 - 1**

4 STORY  
MASONRY BUILDING



60542\_TR (TTCF1)DWG Pinned on 15-Feb-2019 12:50 PM

GLEASONDALE RD  
N/F PERKINS EDWARD H, EDWARD H, JR,  
TODD A. AND MacDONALD JULIA S.  
BK 066851 PG 00050  
MAP/PARCEL: 00R-12 000001

GLEASONDALE RD  
N/F PERKINS EDWARD H, EDWARD H, JR,  
TODD A. AND MacDONALD JULIA S.  
BK 066851 PG 00050  
MAP/PARCEL: 000U-8 000003

**BEGIN PROJECT  
LIMIT OF WORK  
STA. 15+65.60**  
N 2972183.247  
E 648973.597

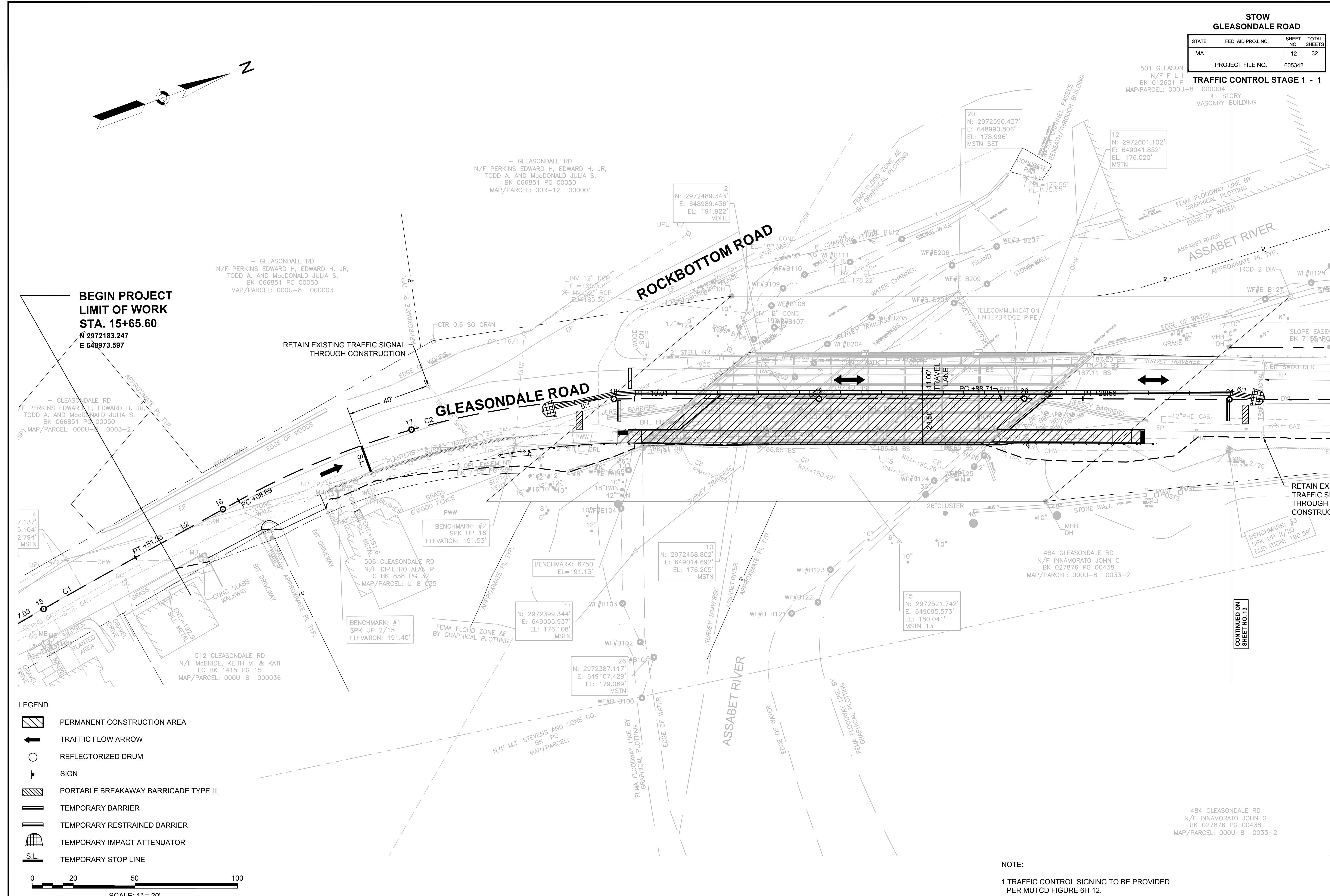
RETAIN EXISTING TRAFFIC SIGNAL  
THROUGH CONSTRUCTION

RETAIN EXISTING TRAFFIC SIGNAL  
THROUGH CONSTRUCTION

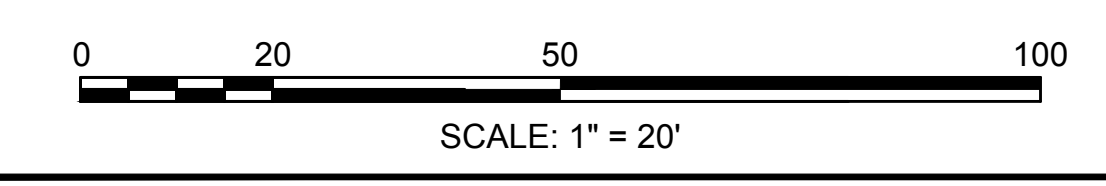
**GLEASONDALE ROAD**

**ROCKBOTTOM ROAD**

**ASSABET RIVER**



- LEGEND**
- PERMANENT CONSTRUCTION AREA
  - TRAFFIC FLOW ARROW
  - REFLECTORIZED DRUM
  - SIGN
  - PORTABLE BREAKAWAY BARRICADE TYPE III
  - TEMPORARY BARRIER
  - TEMPORARY RESTRAINED BARRIER
  - TEMPORARY IMPACT ATTENUATOR
  - TEMPORARY STOP LINE



**NOTE:**  
1. TRAFFIC CONTROL SIGNING TO BE PROVIDED  
PER MUTCD FIGURE 6H-12.

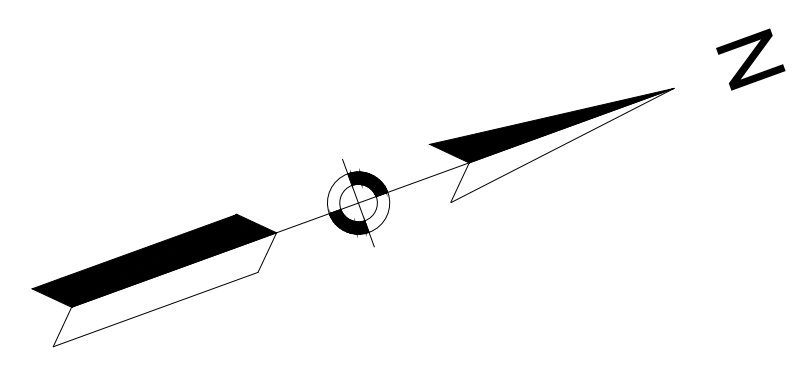
CONTINUED ON  
SHEET NO. 13

484 GLEASONDALE RD  
N/F INNAMORATO JOHN G  
BK 027876 PG 00438  
MAP/PARCEL: 000U-8 0033-2

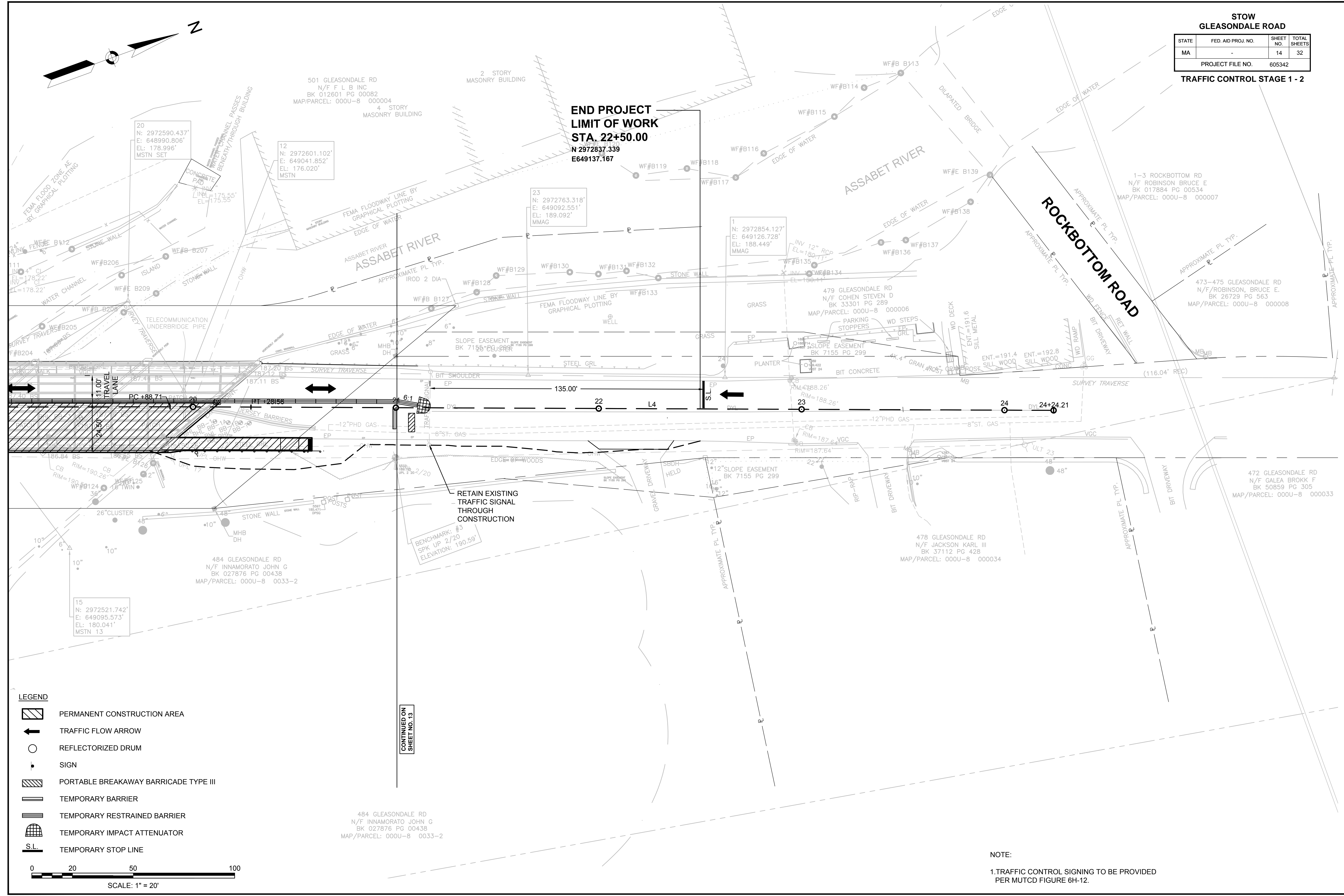
**STOW  
GLEASONDALE ROAD**

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	14	32
PROJECT FILE NO. 605342			

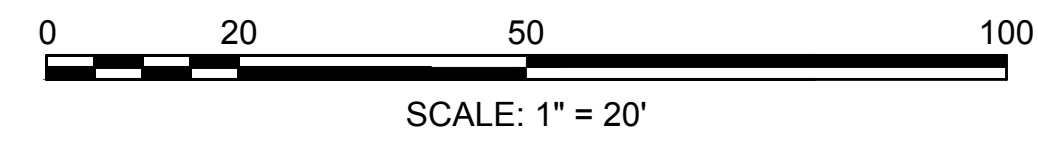
**TRAFFIC CONTROL STAGE 1 - 2**



**END PROJECT  
LIMIT OF WORK  
STA. 22+50.00**  
N 2972837.339  
E 649137.167



- LEGEND**
- PERMANENT CONSTRUCTION AREA
  - TRAFFIC FLOW ARROW
  - REFLECTORIZED DRUM
  - SIGN
  - PORTABLE BREAKAWAY BARRICADE TYPE III
  - TEMPORARY BARRIER
  - TEMPORARY RESTRAINED BARRIER
  - TEMPORARY IMPACT ATTENUATOR
  - TEMPORARY STOP LINE



**NOTE:**  
1. TRAFFIC CONTROL SIGNING TO BE PROVIDED PER MUTCD FIGURE 6H-12.

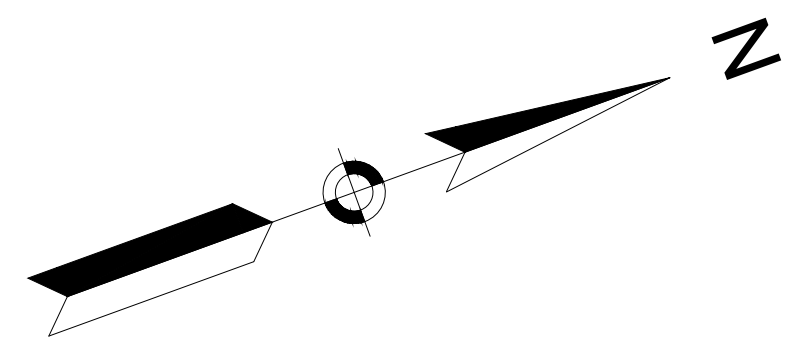
**STOW  
GLEASONDALE ROAD**

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	14	32

PROJECT FILE NO. 605342

501 GLEASONDALE RD  
N/F F L B  
BK 012601 PG  
MAP/PARCEL: 000U-8

**TRAFFIC CONTROL STAGE 2 - 1**  
4 STORY  
MASONRY BUILDING



GLEASONDALE RD  
N/F PERKINS EDWARD H, EDWARD H. JR,  
TODD A. AND MacDONALD JULIA S.  
BK 066851 PG 00050  
MAP/PARCEL: 00R-12 000001

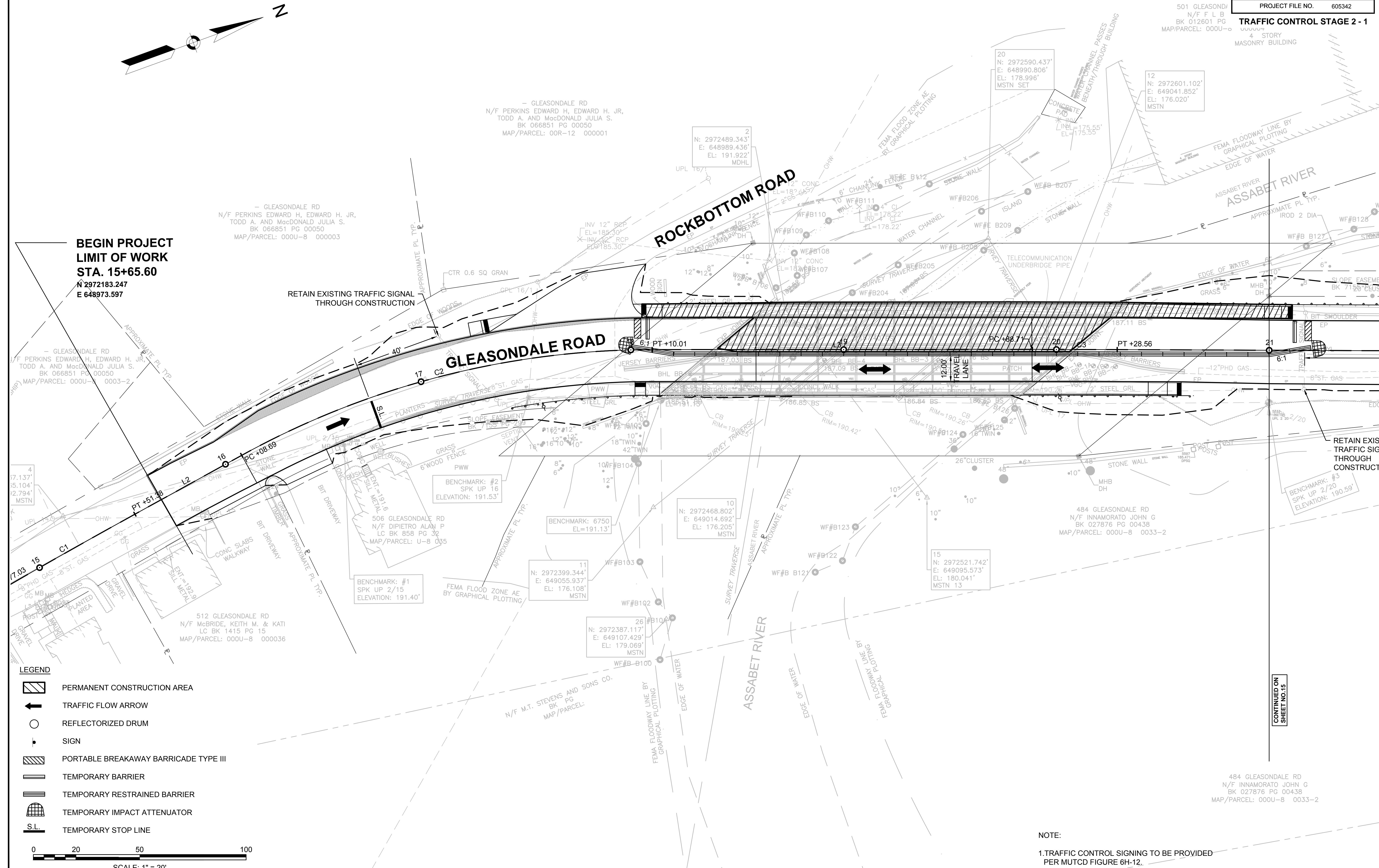
GLEASONDALE RD  
N/F PERKINS EDWARD H, EDWARD H. JR,  
TODD A. AND MacDONALD JULIA S.  
BK 066851 PG 00050  
MAP/PARCEL: 000U-8 000003

**BEGIN PROJECT  
LIMIT OF WORK  
STA. 15+65.60**  
N 2972183.247  
E 648973.597

**ROCKBOTTOM ROAD**

**GLEASONDALE ROAD**

**ASSABET RIVER**

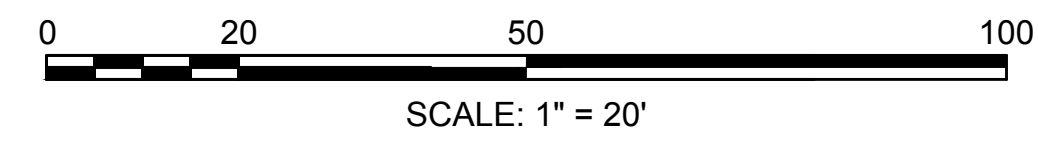


RETAIN EXISTING TRAFFIC SIGNAL  
THROUGH CONSTRUCTION

RETAIN EXISTING  
TRAFFIC SIGNAL  
THROUGH  
CONSTRUCTION

CONTINUED ON  
SHEET NO. 15

- LEGEND**
- PERMANENT CONSTRUCTION AREA
  - TRAFFIC FLOW ARROW
  - REFLECTORIZED DRUM
  - SIGN
  - PORTABLE BREAKAWAY BARRICADE TYPE III
  - TEMPORARY BARRIER
  - TEMPORARY RESTRAINED BARRIER
  - TEMPORARY IMPACT ATTENUATOR
  - TEMPORARY STOP LINE



**NOTE:**  
1. TRAFFIC CONTROL SIGNING TO BE PROVIDED  
PER MUTCD FIGURE 6H-12.

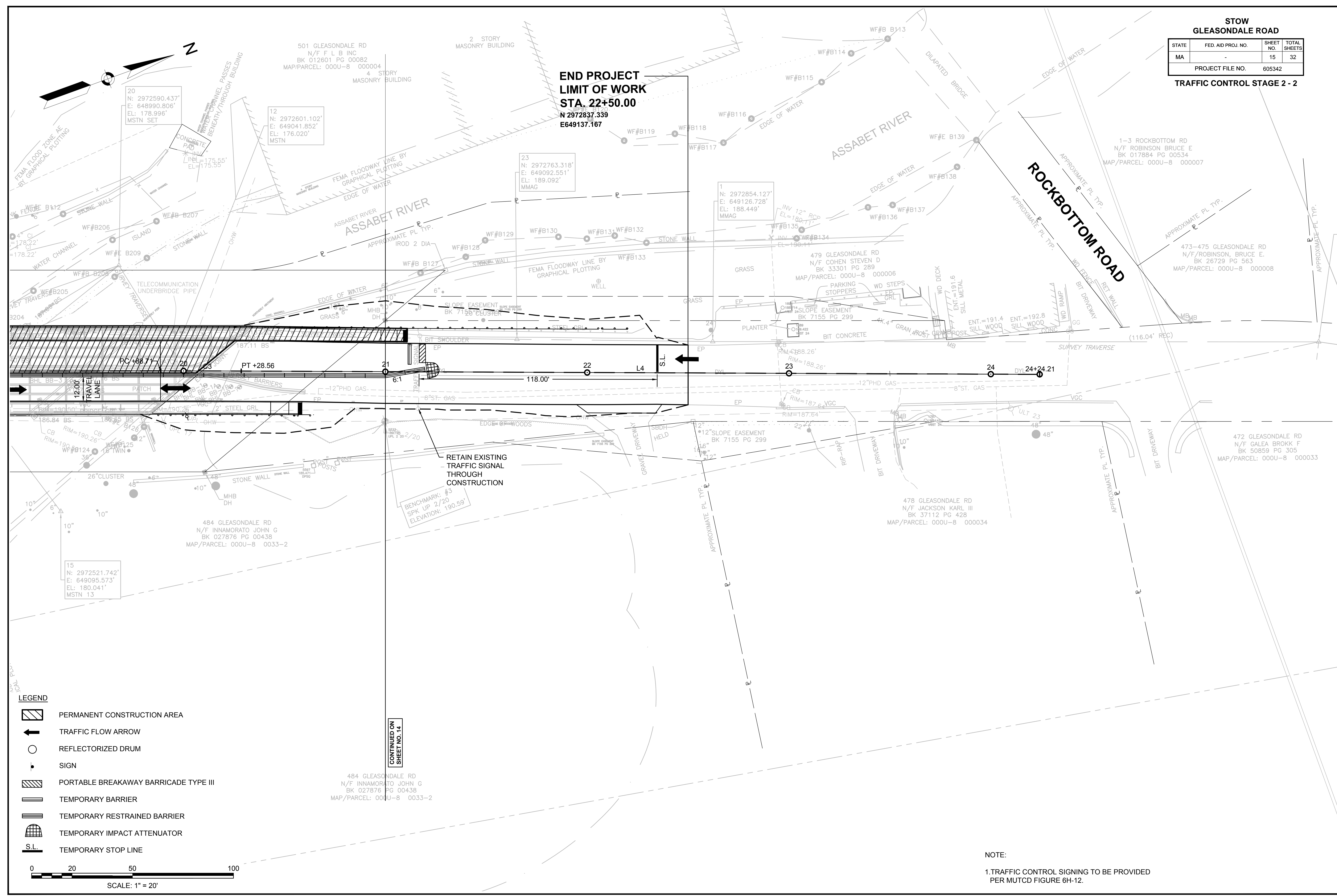
484 GLEASONDALE RD  
N/F INNAMORATO JOHN G  
BK 027876 PG 00438  
MAP/PARCEL: 000U-8 0033-2

**STOW  
GLEASONDALE ROAD**

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	15	32
PROJECT FILE NO. 605342			

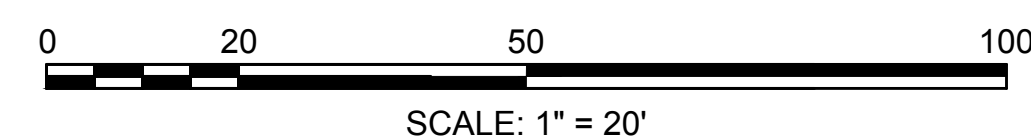
**TRAFFIC CONTROL STAGE 2 - 2**

**END PROJECT  
LIMIT OF WORK  
STA. 22+50.00**  
N 2972837.339  
E 649137.167



**LEGEND**

- PERMANENT CONSTRUCTION AREA
- TRAFFIC FLOW ARROW
- REFLECTORIZED DRUM
- SIGN
- PORTABLE BREAKAWAY BARRICADE TYPE III
- TEMPORARY BARRIER
- TEMPORARY RESTRAINED BARRIER
- TEMPORARY IMPACT ATTENUATOR
- TEMPORARY STOP LINE



**NOTE:**

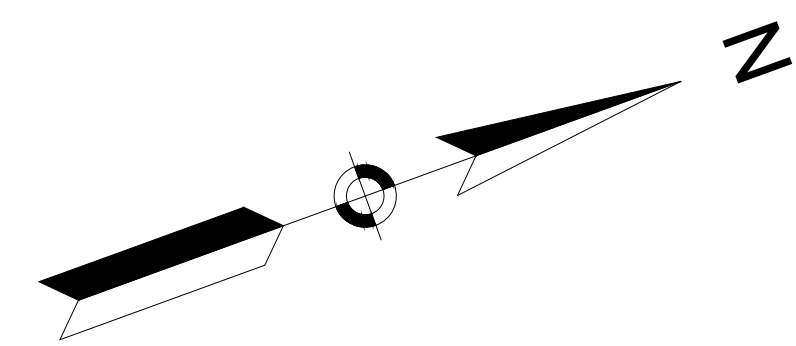
1. TRAFFIC CONTROL SIGNING TO BE PROVIDED PER MUTCD FIGURE 6H-12.

**STOW  
GLEASONDALE ROAD**

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	16	32
PROJECT FILE NO.		605342	

**UTILITY PLAN 1**

501 GLEASONDALE RD  
N/F F L B INC  
BK 012601 PG 00082  
MAP/PARCEL: 000U-8 000004



GLEASONDALE RD  
N/F PERKINS EDWARD H, EDWARD H. JR,  
TODD A. AND MacDONALD JULIA S.  
BK 066851 PG 00050  
MAP/PARCEL: 00R-12 000001

GLEASONDALE RD  
N/F PERKINS EDWARD H, EDWARD H. JR,  
TODD A. AND MacDONALD JULIA S.  
BK 066851 PG 00050  
MAP/PARCEL: 000U-8 000003

**BEGIN PROJECT  
LIMIT OF WORK  
STA. 15+65.60**  
N 2972183.247  
E 648973.597

GLEASONDALE RD  
N/F PERKINS EDWARD H, EDWARD H. JR,  
TODD A. AND MacDONALD JULIA S.  
BK 066851 PG 00050  
MAP/PARCEL: 000U-8 00003-2

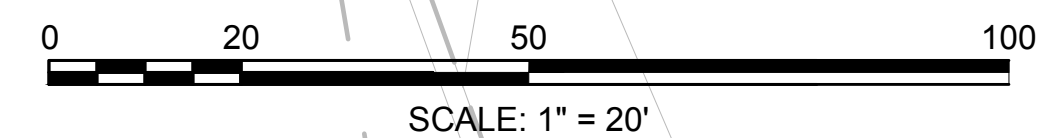
506 GLEASONDALE RD  
N/F DIPIETRO ALAN P  
LC BK 858 PG 32  
MAP/PARCEL: U-8 035

512 GLEASONDALE RD  
N/F McBRIDE, KEITH M. & KATI  
LC BK 1415 PG 15  
MAP/PARCEL: 000U-8 000036

516 GLEASONDALE RD  
N/F YATES THOMAS  
LC BK 1209 PG 087  
MAP/PARCEL: 000U-8 000037

484 GLEASONDALE RD  
N/F INNAMORATO JOHN G  
BK 027876 PG 00438  
MAP/PARCEL: 000U-8 0033-2

N/F M.T. STEVENS AND SONS CO.  
BK PG  
MAP/PARCEL:



CONTINUED ON  
SHEET NO. 17

484 GLEASONDALE RD  
N/F INNAMORATO JOHN G  
BK 027876 PG 00438  
MAP/PARCEL: 000U-8 0033-2

605342\_UT UTILITY PLAN.DWG Ploited on 15-Feb-2019 12:52 PM

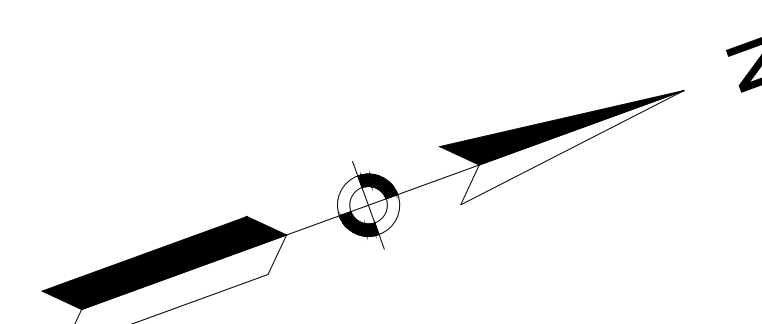


**STOW  
GLEASONDALE ROAD**

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	17	32

PROJECT FILE NO. 605342

**UTILITY PLAN 2**



501 GLEASONDALE RD  
N/F F L B INC  
BK 012601 PG 00082  
MAP/PARCEL: 000U-8 000004

2 STORY  
MASONRY BUILDING

**END PROJECT  
LIMIT OF WORK  
STA. 22+50.00**  
N 2972837.339  
E 649137.167

1-3 ROCKBOTTOM RD  
N/F ROBINSON BRUCE E  
BK 017884 PG 00534  
MAP/PARCEL: 000U-8 000007

473-475 GLEASONDALE RD  
N/F ROBINSON, BRUCE E.  
BK 26729 PG 563  
MAP/PARCEL: 000U-8 000008

479 GLEASONDALE RD  
N/F COHEN STEVEN D  
BK 33301 PG 289  
MAP/PARCEL: 000U-8 000006

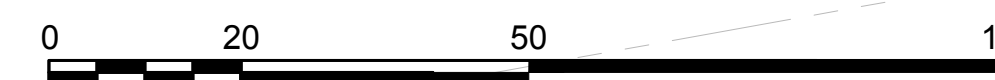
472 GLEASONDALE RD  
N/F GALEA BROKK F  
BK 50859 PG 305  
MAP/PARCEL: 000U-8 000033

478 GLEASONDALE RD  
N/F JACKSON KARL III  
BK 37112 PG 428  
MAP/PARCEL: 000U-8 000034

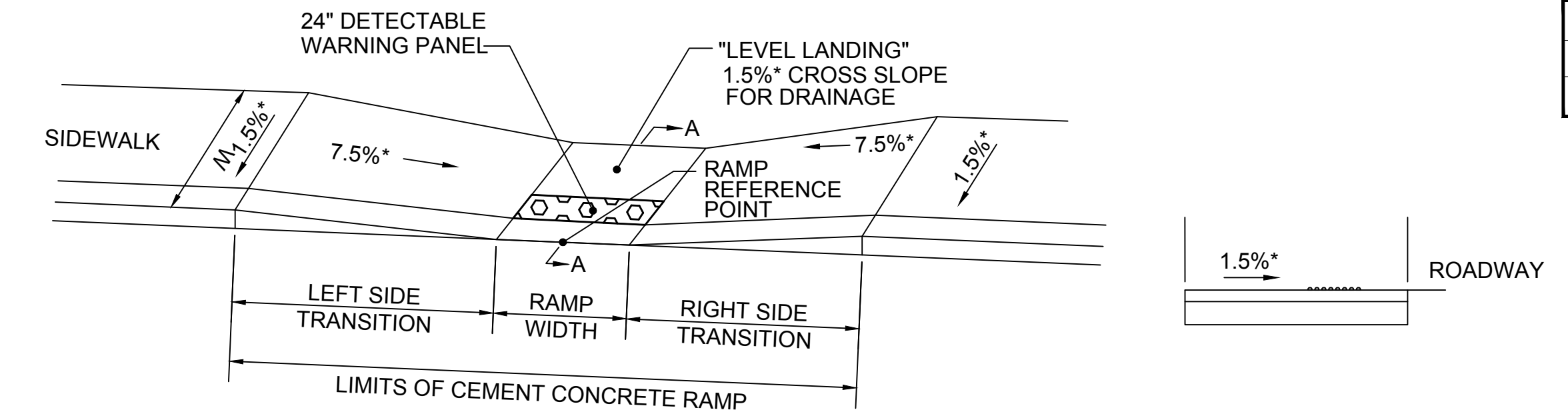
484 GLEASONDALE RD  
N/F INNAMORATO JOHN G  
BK 027876 PG 00438  
MAP/PARCEL: 000U-8 0033-2

484 GLEASONDALE RD  
N/F INNAMORATO JOHN G  
BK 027876 PG 00438  
MAP/PARCEL: 000U-8 0033-2

CONTINUED ON  
SHEET NO. 16



SCALE: 1" = 20'



- NOTES**
1. REFERENCE MASSDOT CONSTRUCTION STANDARD E 107.2.1.
  2. DETECTABLE WARNING PANELS ARE TO BE INSTALLED IN ACCORDANCE WITH CONSTRUCTION STANDARD E 107.6.5.
  3. \* = TOLERANCE FOR CONSTRUCTION ± 0.5%.

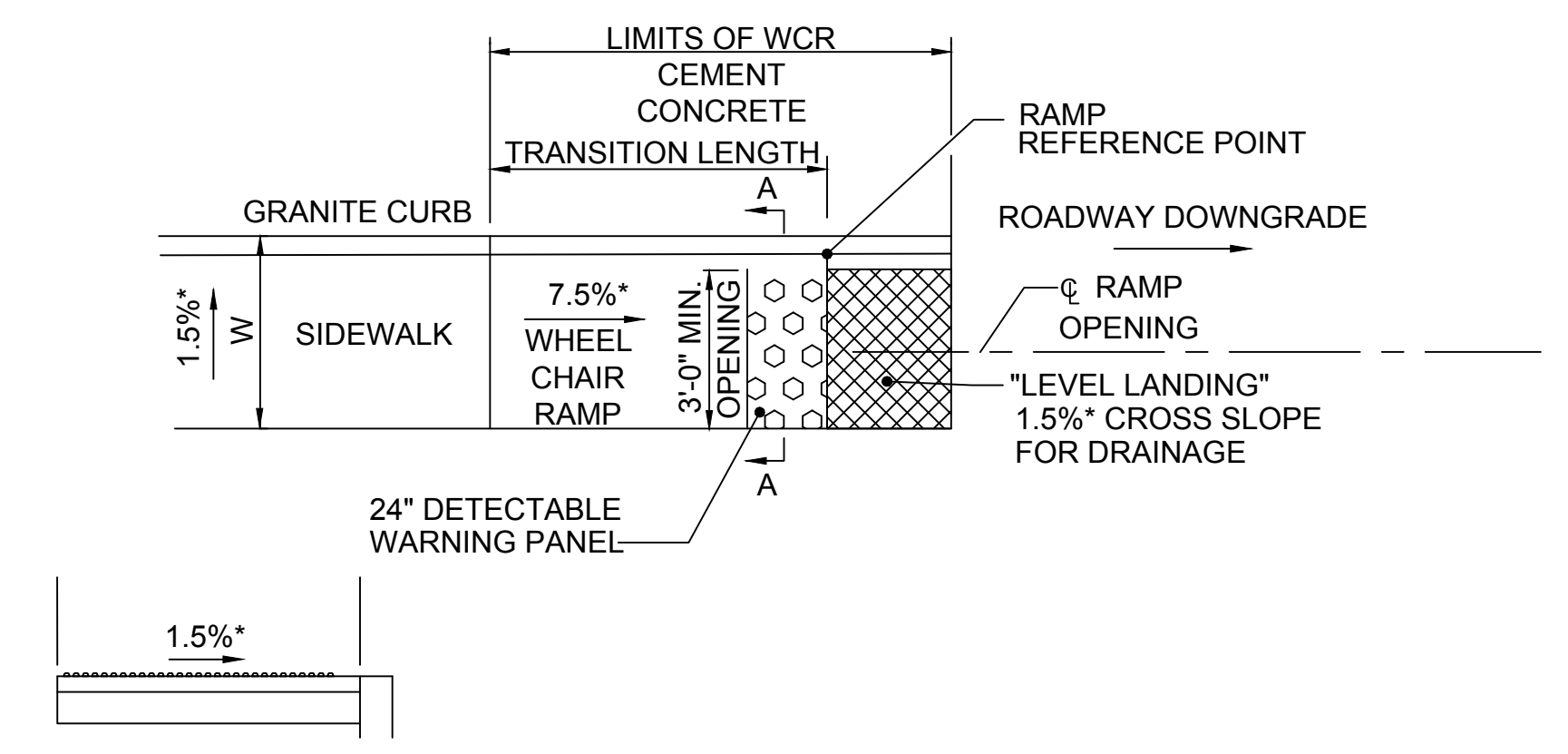
SECTION A-A  
NOT TO SCALE

WCR #	RAMP REFERENCE POINT			WIDTH OF SIDEWALK (W)	MIN. WIDTH OF RAMP	DEPTH OF LEVEL LANDING	*ROADWAY GUTTER SLOPE	TRANSITION LENGTH	
	BASELINE	STATION	OFFSET					LEFT SIDE	RIGHT SIDE
2	Gleasondale Rd.	18+04	15.50 RT	6.00	5.00	5.00	-0.15%	7.00	N/A

(LEFT SIDE/RIGHT SIDE DETERMINED WHEN STANDING IN ROADWAY LOOKING AT RAMP OR DRIVEWAY)

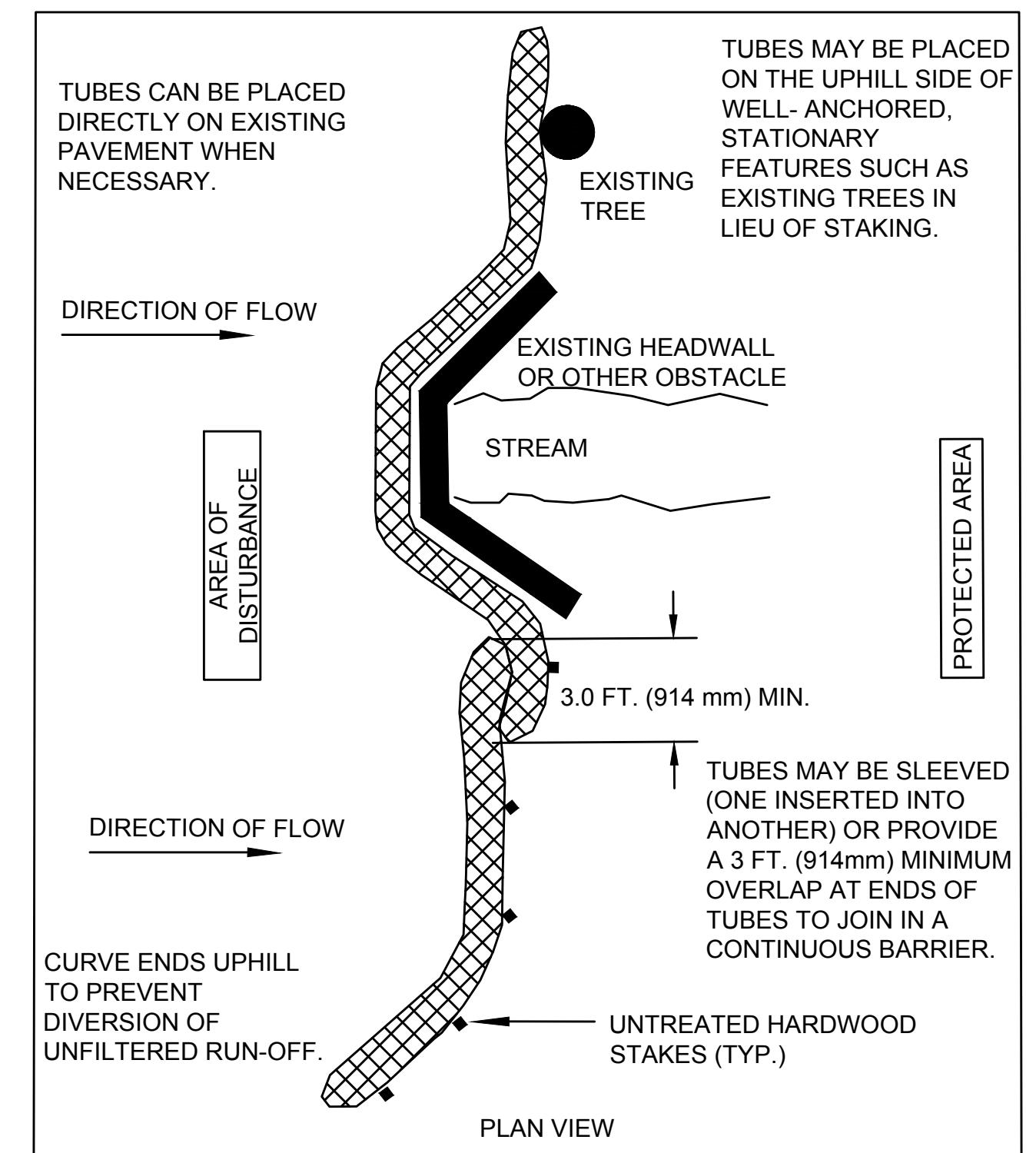
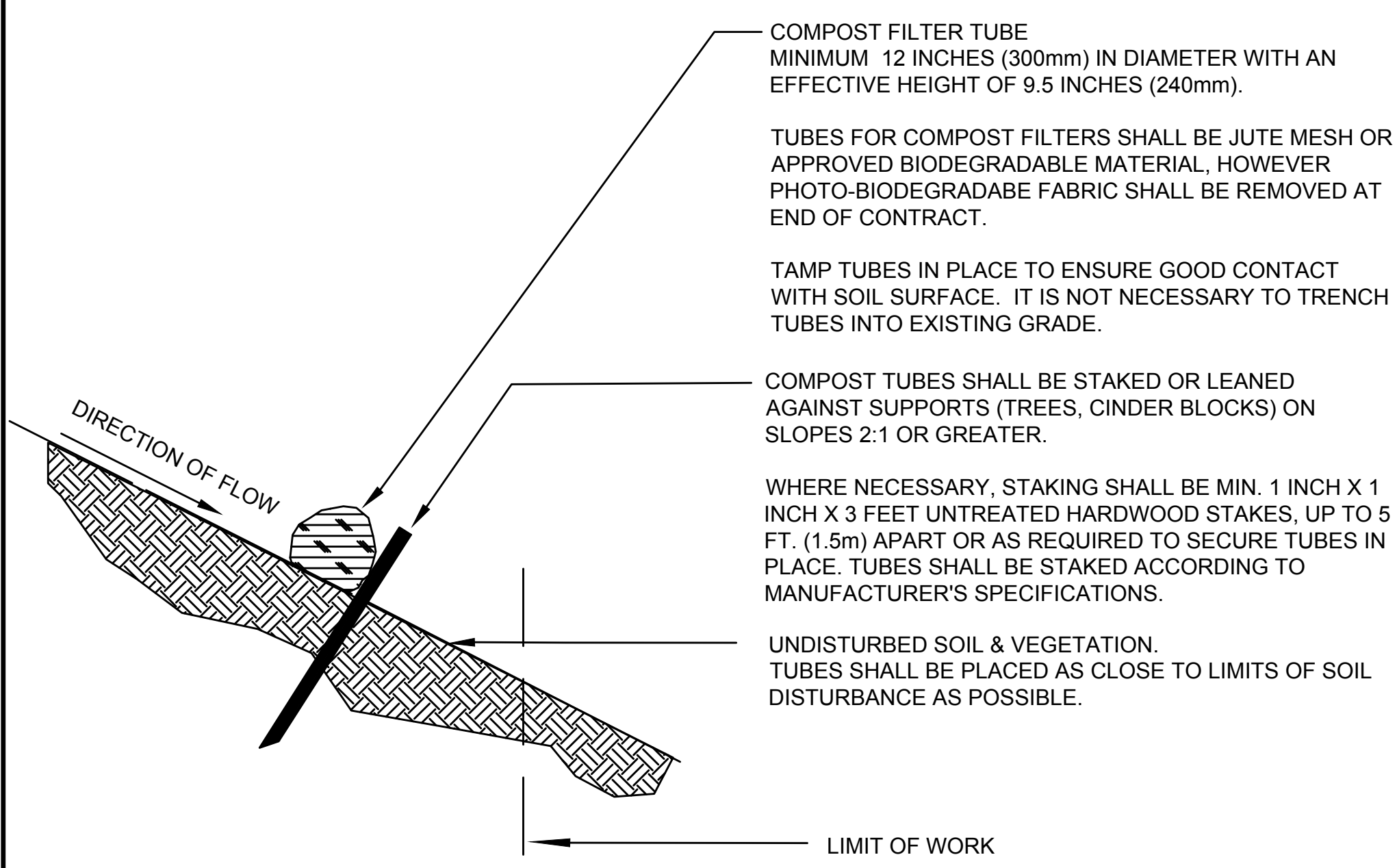
WCR #	RAMP REFERENCE POINT			WIDTH OF SIDEWALK (W)	MIN. WIDTH OF RAMP	DEPTH OF LEVEL LANDING	*ROADWAY GUTTER SLOPE	TRANSITION LENGTH	
	BASELINE	STATION	OFFSET					LEFT SIDE	RIGHT SIDE
1	Gleasondale Rd.	17+36	15.59 LT	6.00	5.80	13.79	+0.43%	6.50	N/A
3	Gleasondale Rd.	18+05	16.43 LT	6.00	5.00	4.20	+0.27%	N/A	6.50
4	Gleasondale Rd.	20+59	18.25 RT	6.00	6.00	6.50	+2.56%	N/A	10.50
5	Gleasondale Rd.	21+11	18.25 LT	6.00	6.00	5.00	-0.63%	7.50	N/A

(LEFT SIDE/RIGHT SIDE DETERMINED WHEN STANDING IN ROADWAY LOOKING AT RAMP OR DRIVEWAY)



SECTION A-A  
NOT TO SCALE

- NOTES**
1. REFERENCE MASSDOT CONSTRUCTION STANDARD E 107.6.0.
  2. DETECTABLE WARNING PANELS ARE TO BE INSTALLED IN ACCORDANCE WITH CONSTRUCTION STANDARD E 107.6.5.
  3. \* = TOLERANCE FOR CONSTRUCTION ± 0.5%.
  4. WHEN DEPTH OF LEVEL LANDING EXCEEDS FIVE FEET, DETECTABLE WARNING PANEL SHALL BE PLACED ON THE LEVEL LANDING.



NOT TO SCALE

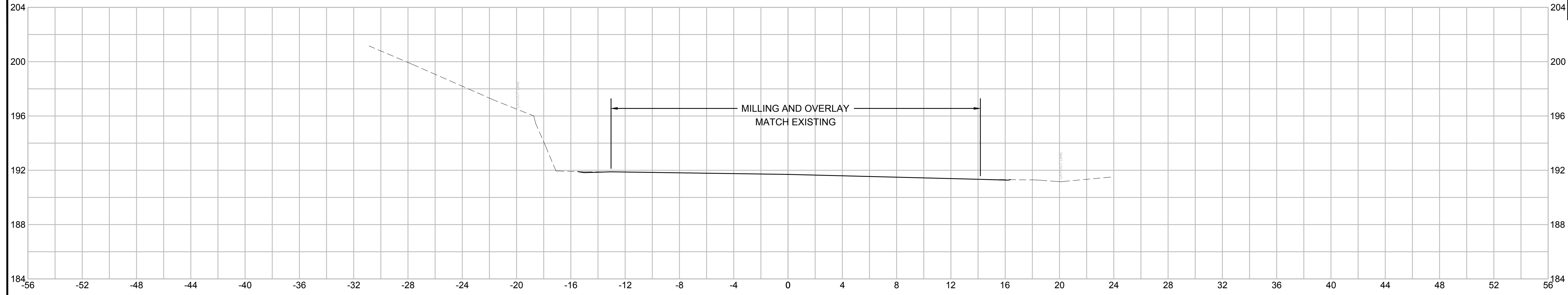
- GENERAL NOTES:**
1. PROVIDE A MINIMUM TUBE DIAMETER OF 12 INCHES (300mm) FOR SLOPES UP TO 50 FEET (15.24m) IN LENGTH WITH A SLOPE RATIO OF 3H:1V OR STEEPER. LONGER SLOPES OF 3H:1V MAY REQUIRE LARGER TUBE DIAMETER OR ADDITIONAL COURSING OF FILTER TUBES TO CREATE A FILTER BERM. REFER TO MANUFACTURER'S RECOMMENDATIONS FOR SITUATIONS WITH LONGER OR STEEPER SLOPES.
  2. INSTALL TUBES ALONG CONTOURS AND PERPENDICULAR TO SHEET OR CONCENTRATED FLOW.
  3. TUBE LOCATION MAY BE SHIFTED TO ADJUST TO LANDSCAPE FEATURES, BUT SHALL PROTECT UNDISTURBED AREA AND VEGETATION TO MAXIMUM EXTENT POSSIBLE.
  4. DO NOT INSTALL IN PERENNIAL, EPHEMERAL OR INTERMITTENT STREAMS.
  5. ADDITIONAL TUBES SHALL BE USED AT THE DIRECTION OF THE ENGINEER.
  6. ADDITIONAL STAKING SHALL BE USED AT THE DIRECTION OF THE ENGINEER.

STOW  
GLEASONDALE ROAD

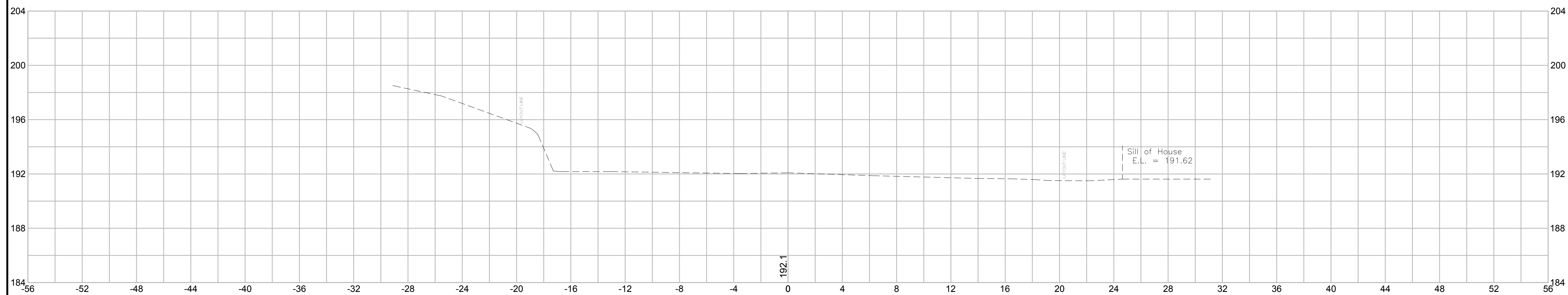
STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	19	32
PROJECT FILE NO.		605342	

CROSS SECTIONS - 01

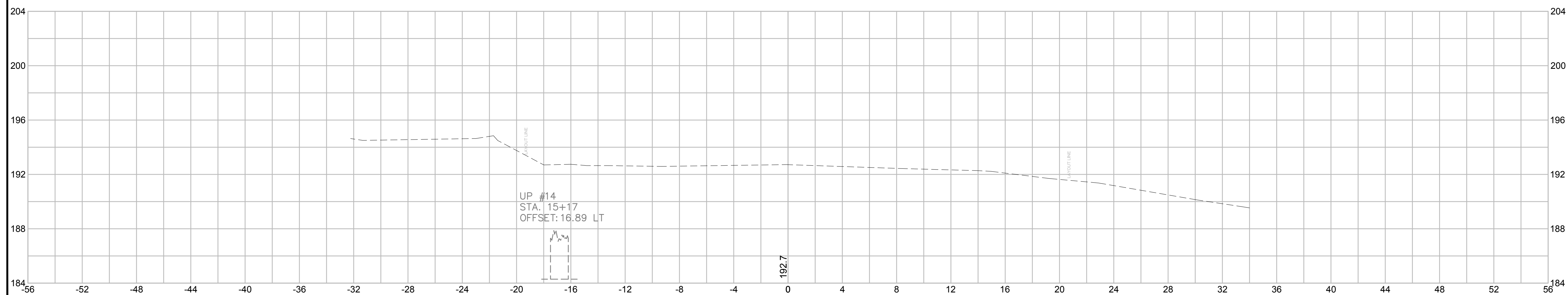
15+65



15+50



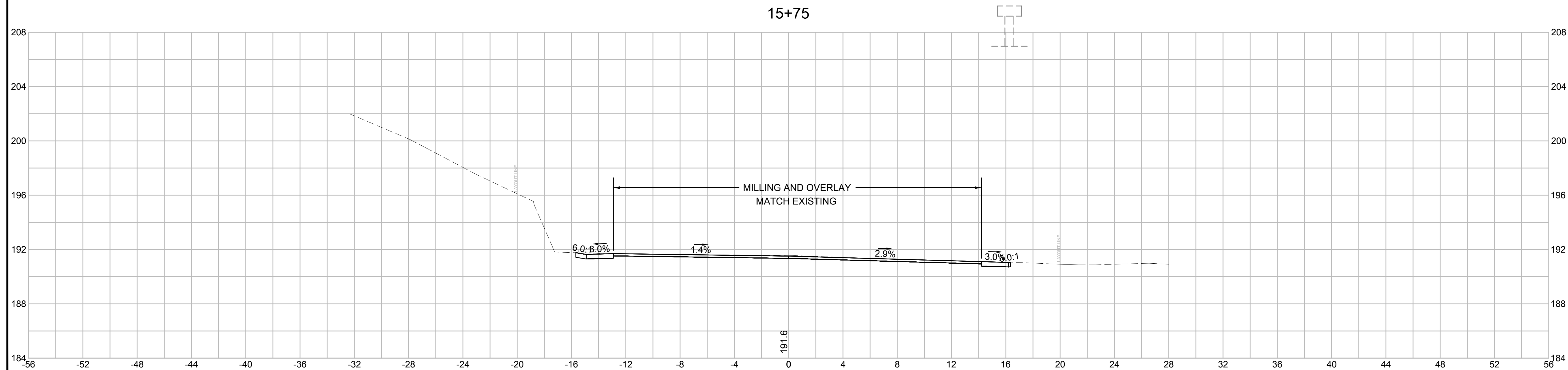
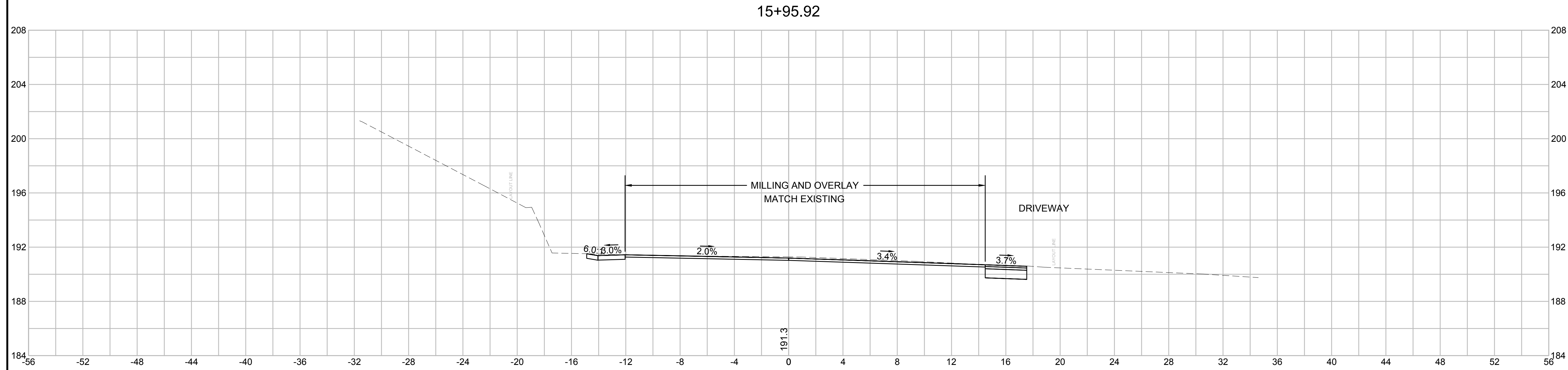
15+25



**STOW  
GLEASONDALE ROAD**

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	20	32
PROJECT FILE NO.		605342	

**CROSS SECTIONS - 02**

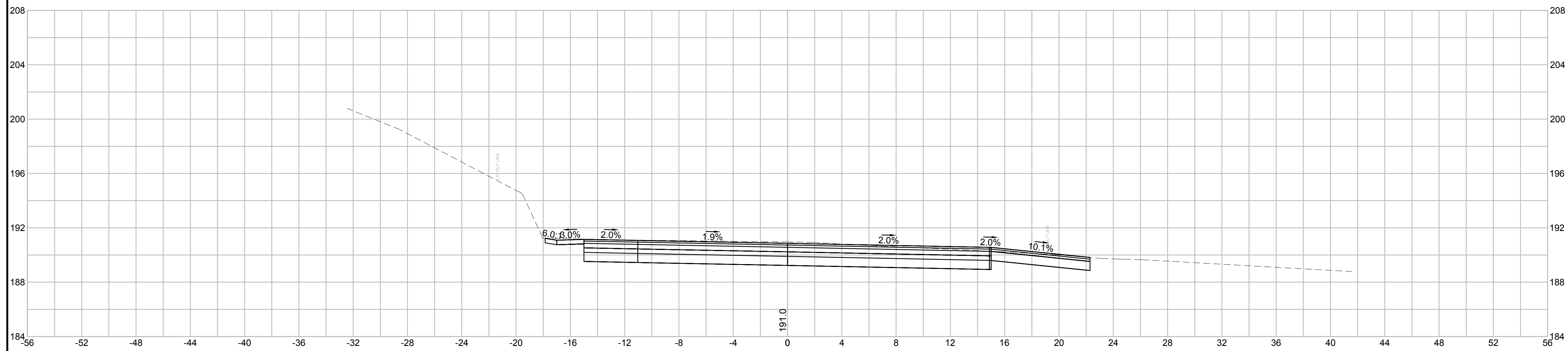


**STOW  
GLEASONDALE ROAD**

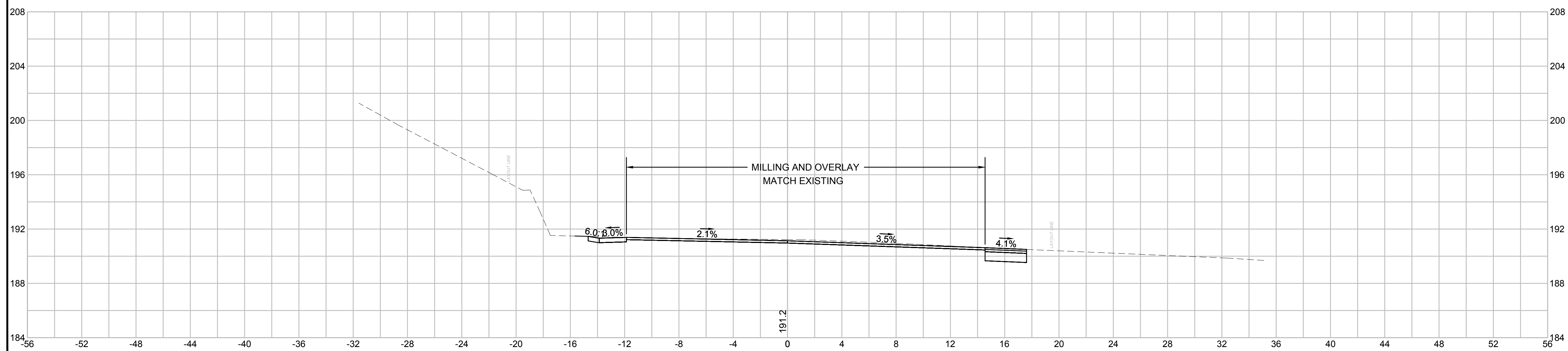
STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	21	32
PROJECT FILE NO.		605342	

**CROSS SECTIONS - 03**

16+25



16+00



**STOW  
GLEASONDALE ROAD**

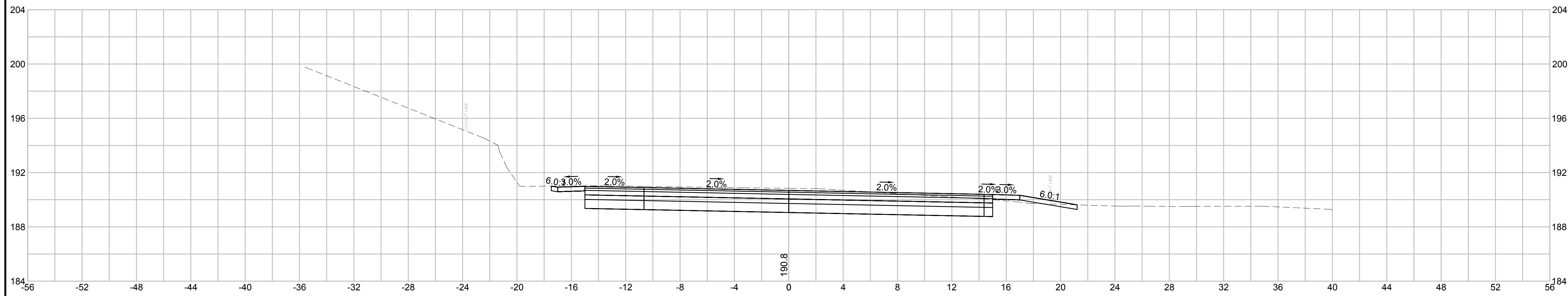
STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	22	32
PROJECT FILE NO.		605342	

**CROSS SECTIONS - 04**

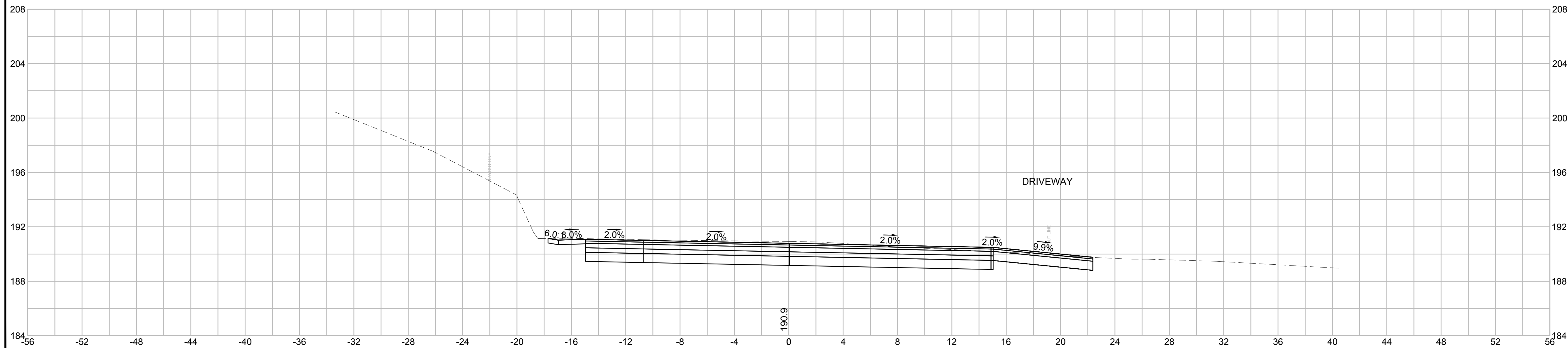
UP #2/15  
STA. 16+55  
OFFSET: 16.49 RT



16+50



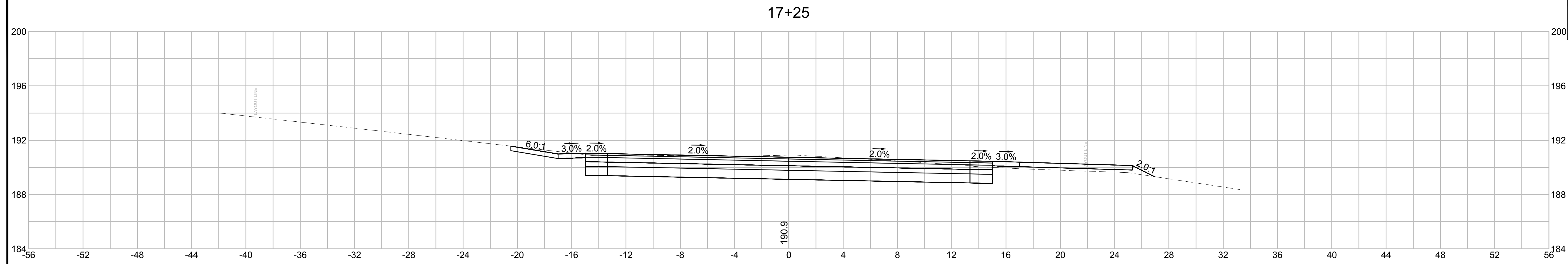
16+33.87



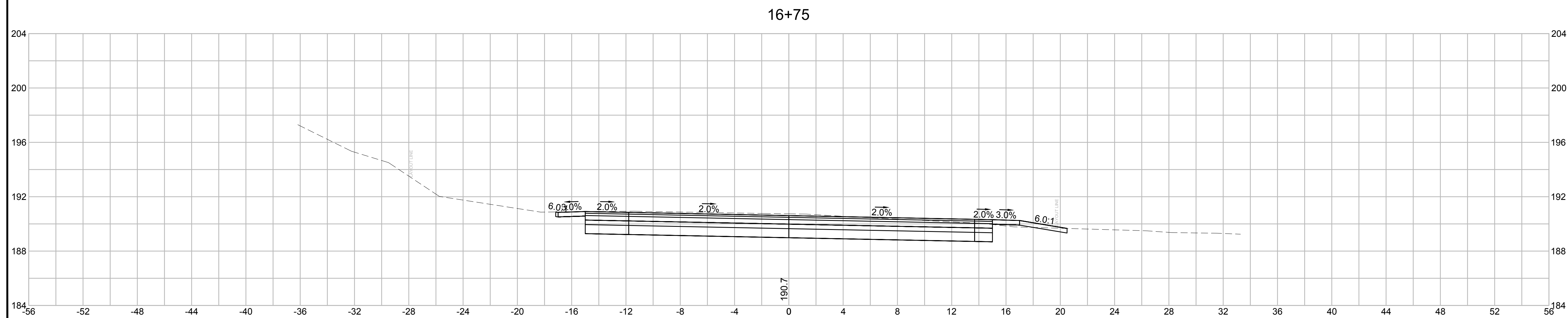
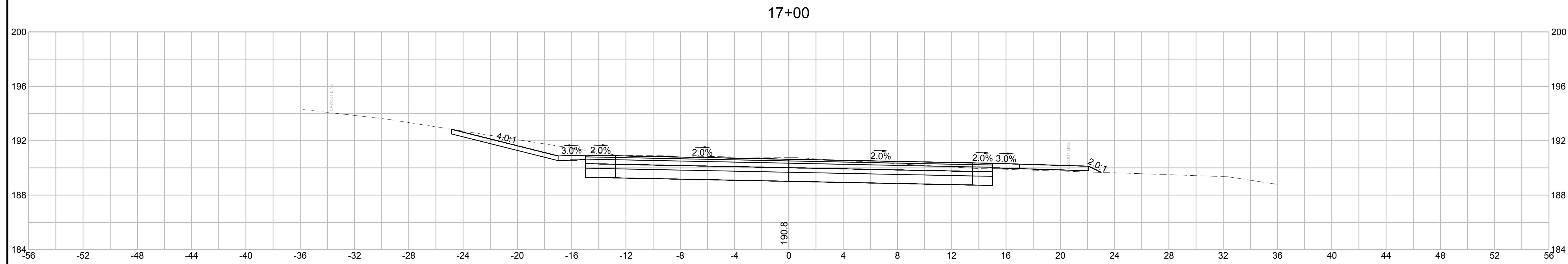
**STOW  
GLEASONDALE ROAD**

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	23	32
PROJECT FILE NO.		605342	

**CROSS SECTIONS - 05**



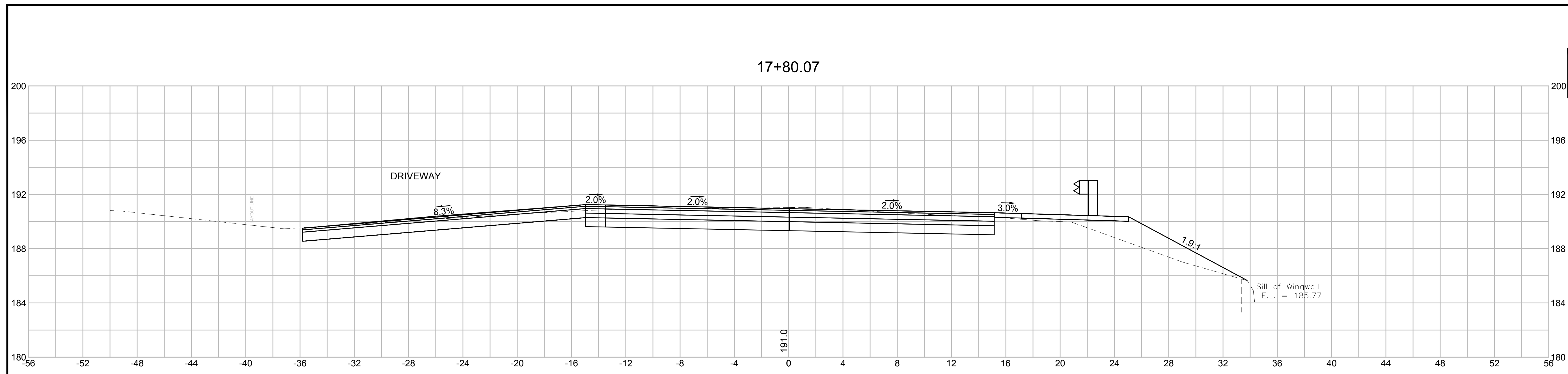
UP #TEMP  
STA. 17+13  
OFFSET: 18.76 LT



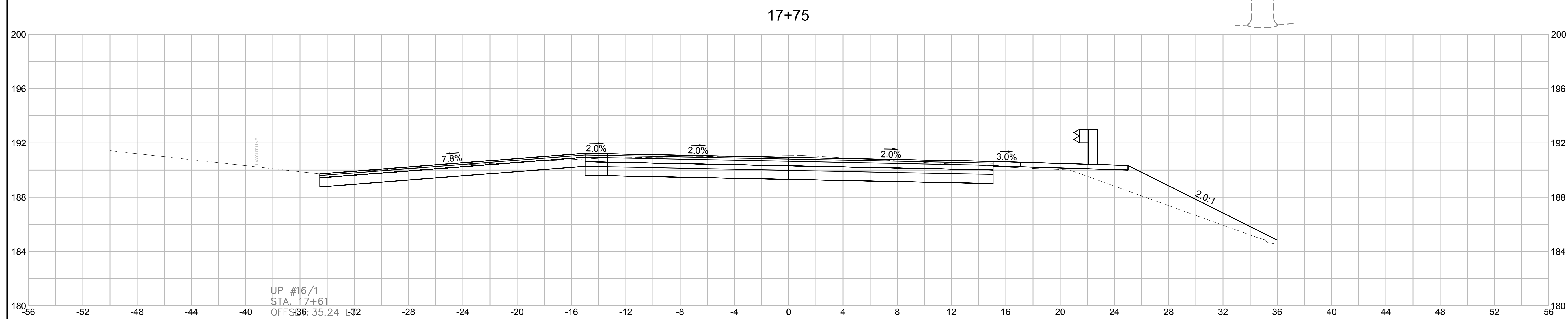
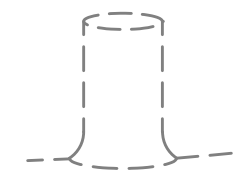
**STOW  
GLEASONDALE ROAD**

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	24	32
PROJECT FILE NO.		605342	

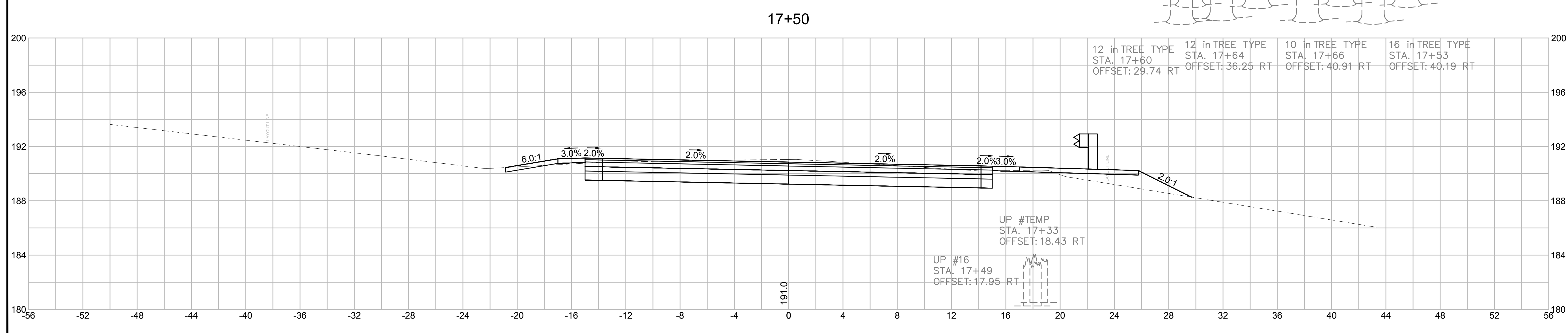
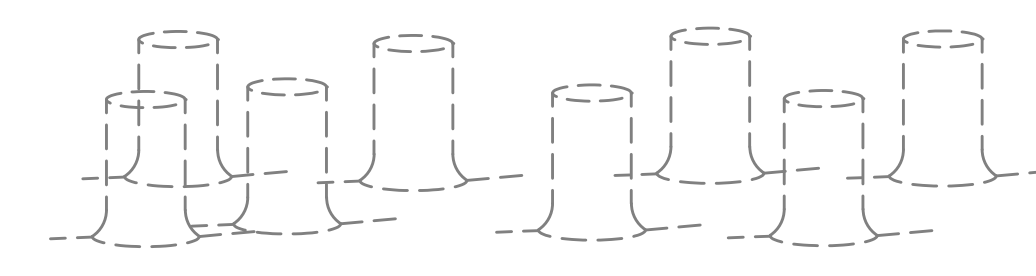
**CROSS SECTIONS - 06**



8 in TREE TYPE  
STA. 17+78  
OFFSET: 35.83 RT



17 in TREE TYPE STA. 17+64 OFFSET: 34.88 RT  
10 in TREE TYPE STA. 17+67 OFFSET: 41.87 RT  
16 in TREE TYPE STA. 17+54 OFFSET: 33.94 RT  
16 in TREE TYPE STA. 17+52 OFFSET: 41.16 RT



12 in TREE TYPE STA. 17+60 OFFSET: 29.74 RT  
12 in TREE TYPE STA. 17+64 OFFSET: 36.25 RT  
10 in TREE TYPE STA. 17+66 OFFSET: 40.91 RT  
16 in TREE TYPE STA. 17+53 OFFSET: 40.19 RT



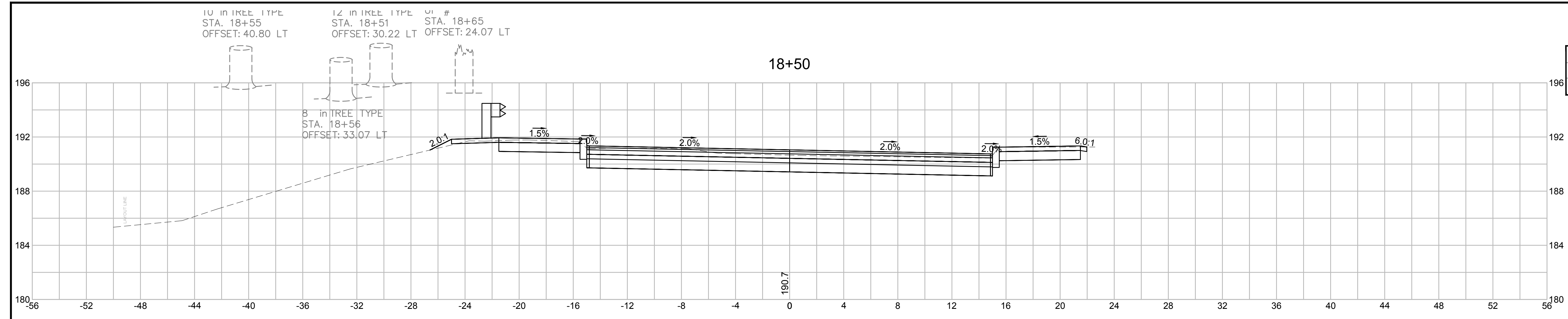


CITY/TOWN  
STREET/ROUTE # OR NAME

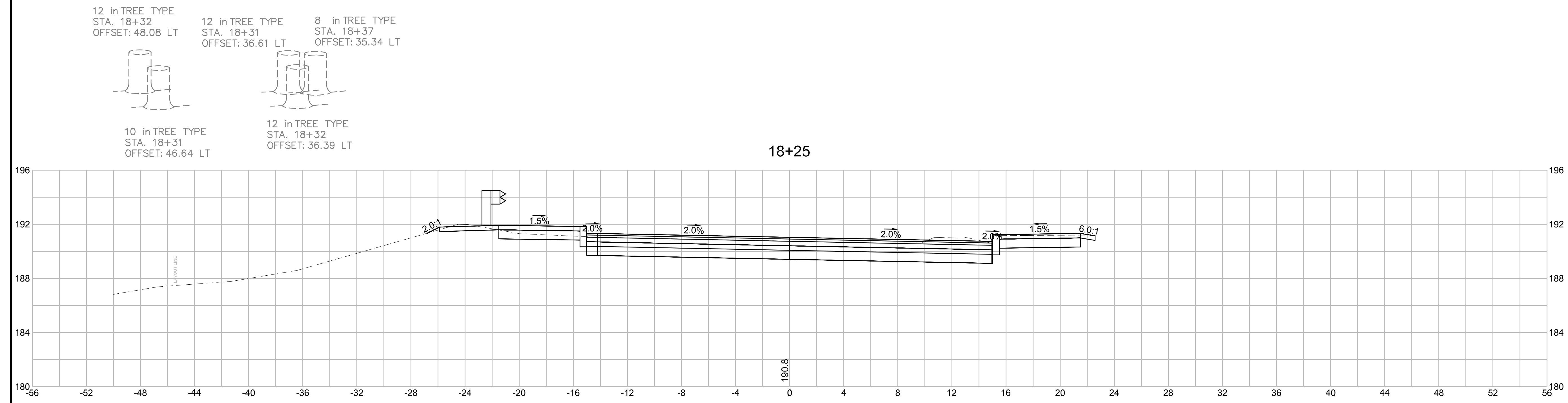
STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	25	X
PROJECT FILE NO. XXXXXX			

CROSS SECTIONS - 07

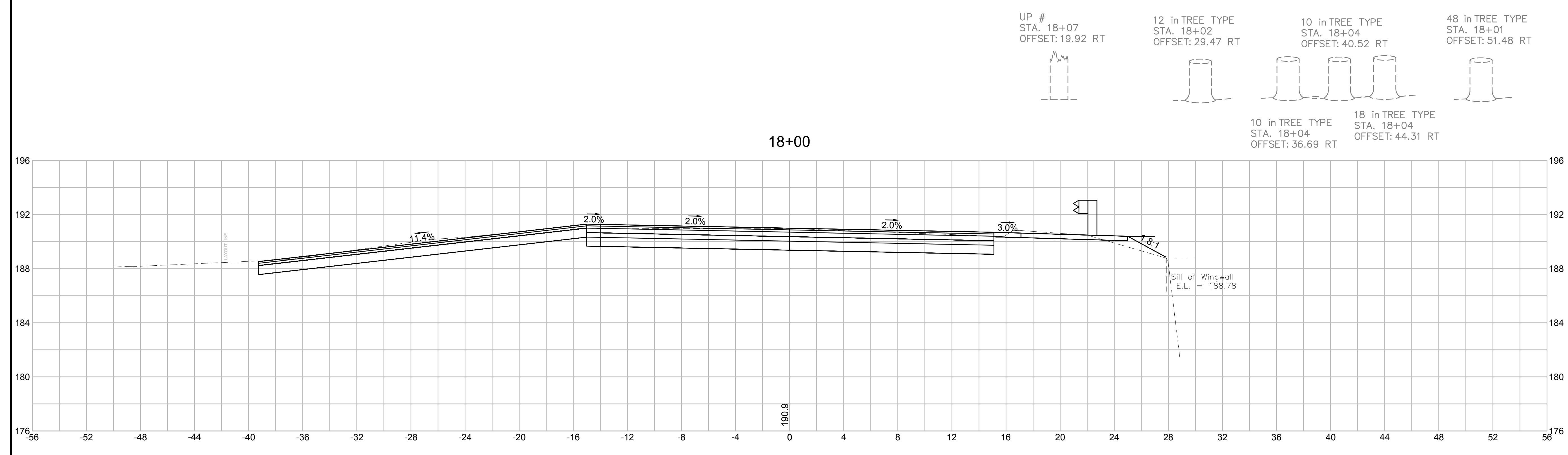
18+50



18+25



18+00

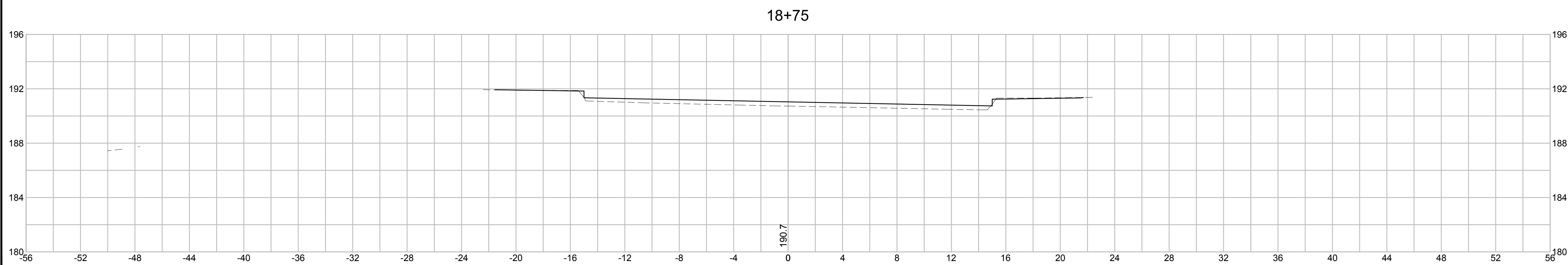
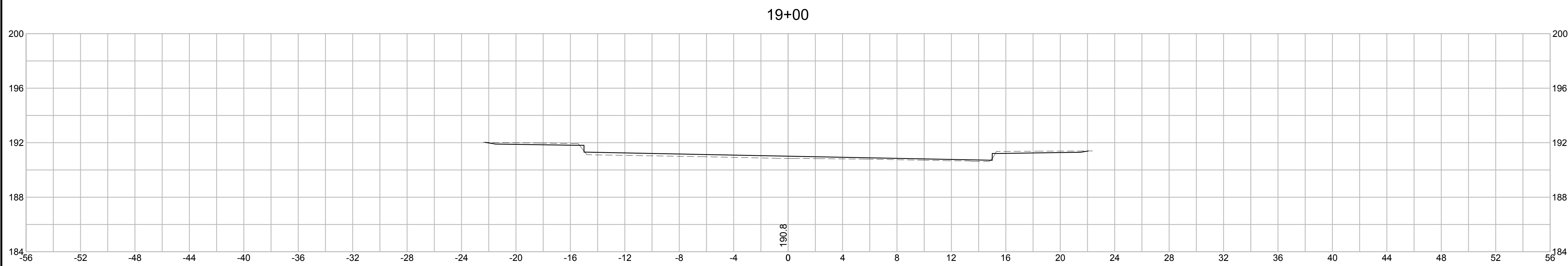
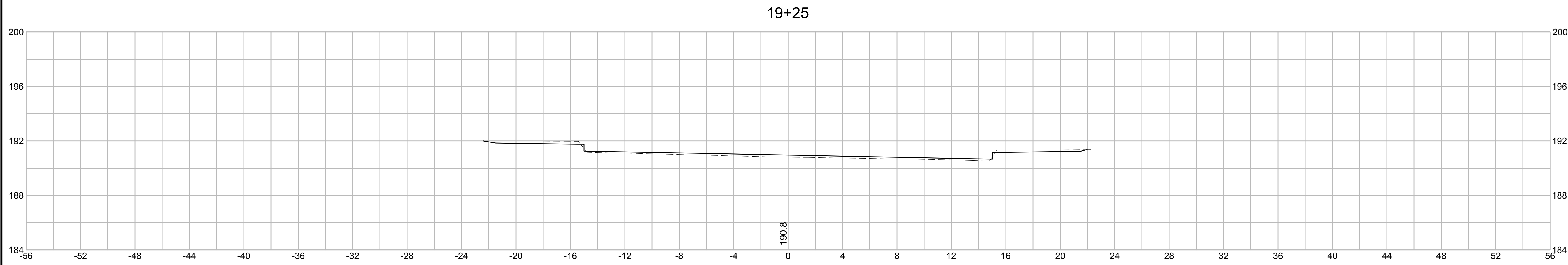


NOTE: BRIDGE DECK WILL BE ADDED AT 75%

**STOW  
GLEASONDALE ROAD**

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	26	32
PROJECT FILE NO.		605342	

**CROSS SECTIONS - 08**



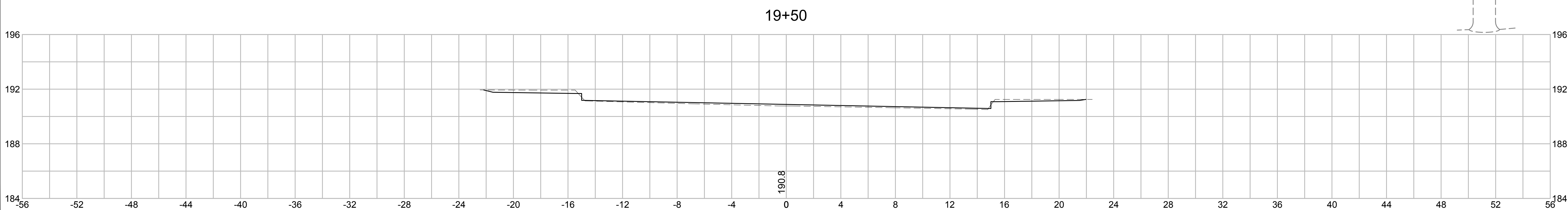
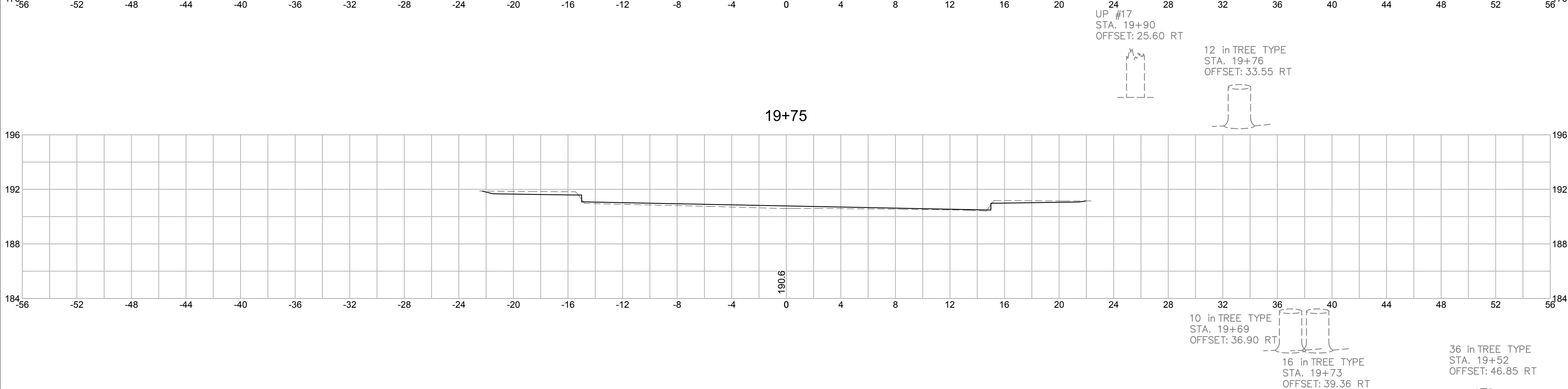
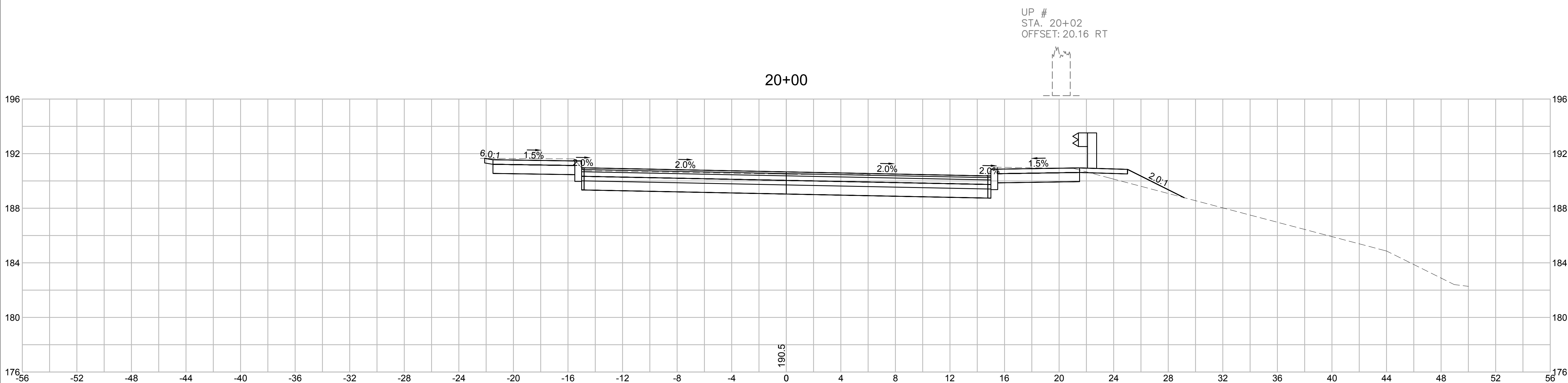
NOTE: BRIDGE DECK WILL BE  
ADDED AT 75%

**STOW  
GLEASONDALE ROAD**

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	27	32

PROJECT FILE NO. 605342

**CROSS SECTIONS - 09**



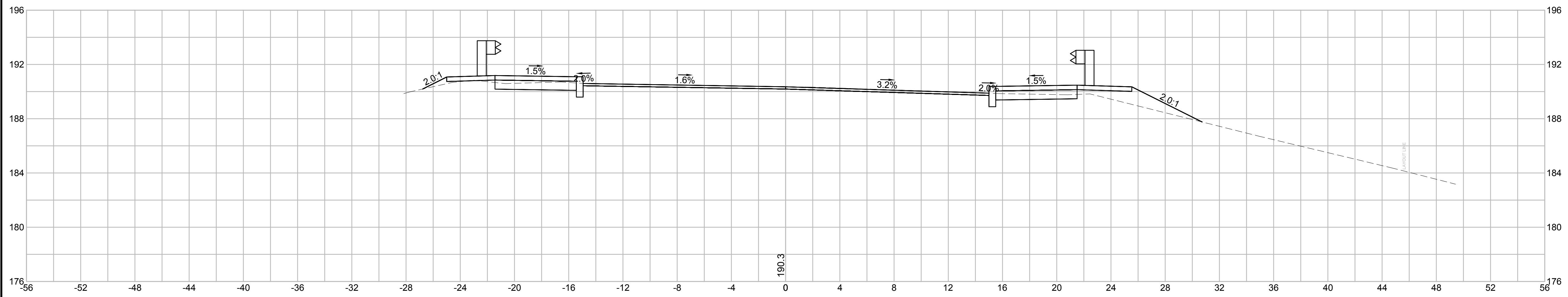
NOTE: BRIDGE DECK WILL BE  
ADDED AT 75%

**STOW  
GLEASONDALE ROAD**

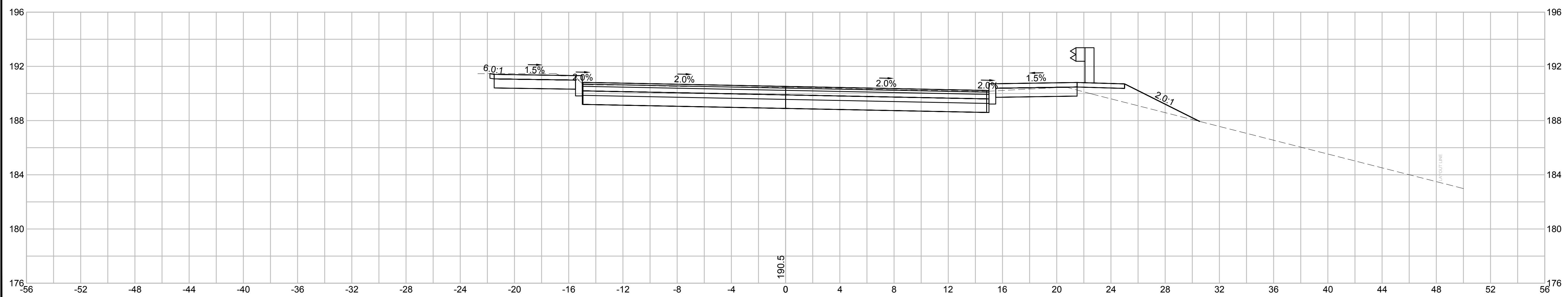
STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	28	32
PROJECT FILE NO.		605342	

**CROSS SECTIONS - 10**

20+50



20+25



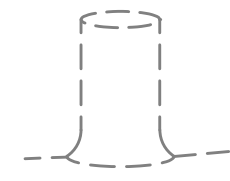
NOTE: BRIDGE DECK WILL BE  
ADDED AT 75%

**STOW  
GLEASONDALE ROAD**

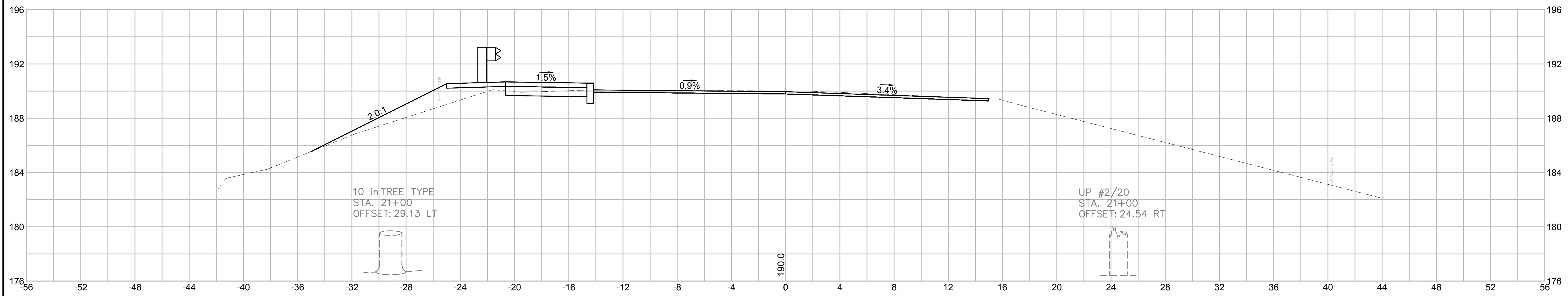
STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	29	32
PROJECT FILE NO.		605342	

**CROSS SECTIONS - 11**

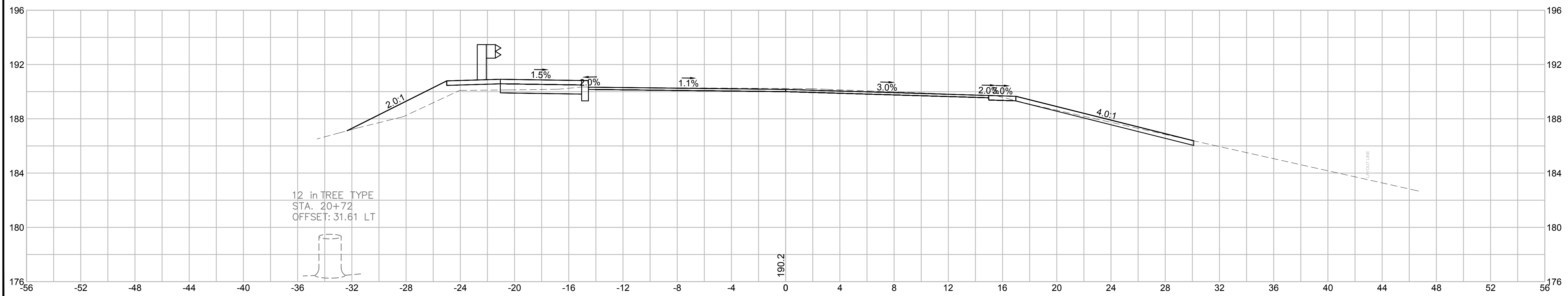
10 in TREE TYPE  
STA. 21+70  
OFFSET: 33.99 LT



21+00



20+75



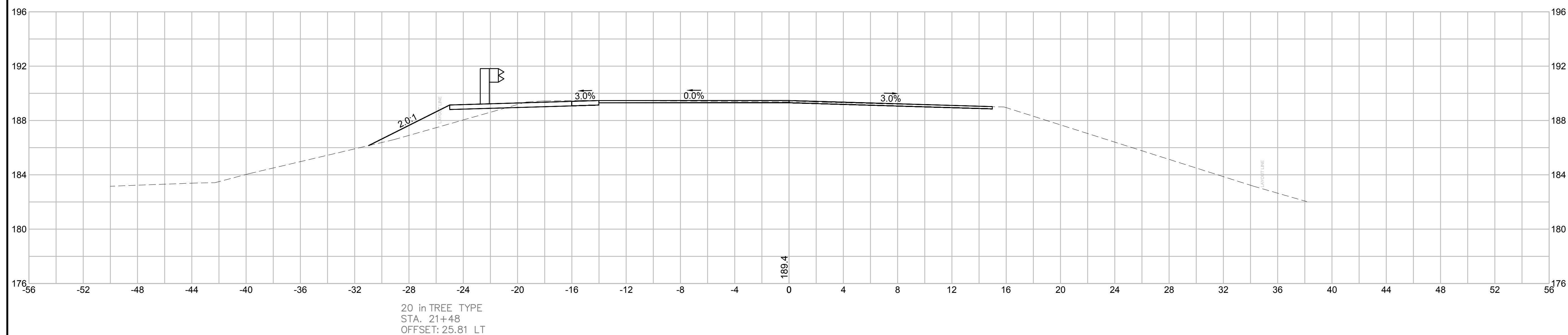
STOW  
GLEASONDALE ROAD

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	30	32

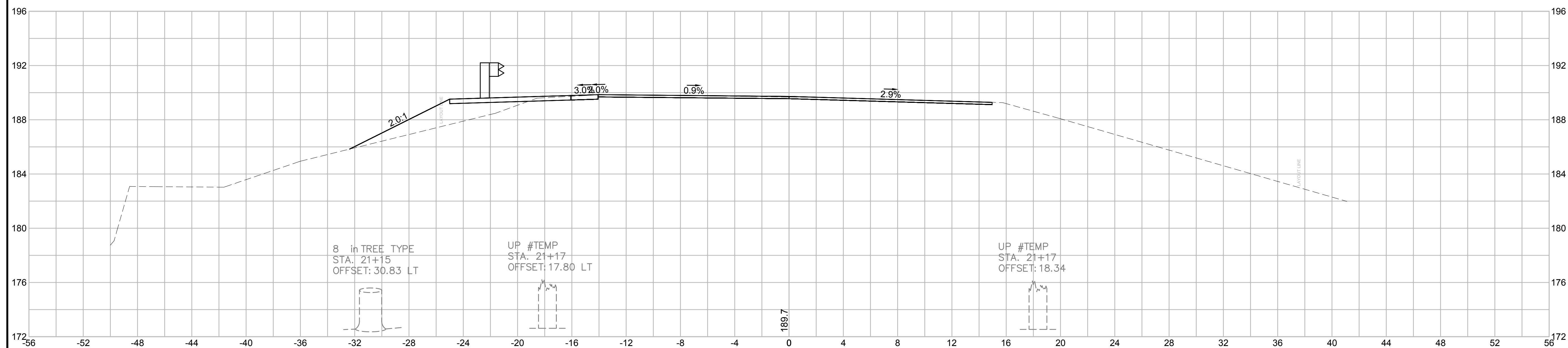
PROJECT FILE NO. 605342

CROSS SECTIONS - 12

21+50



21+25

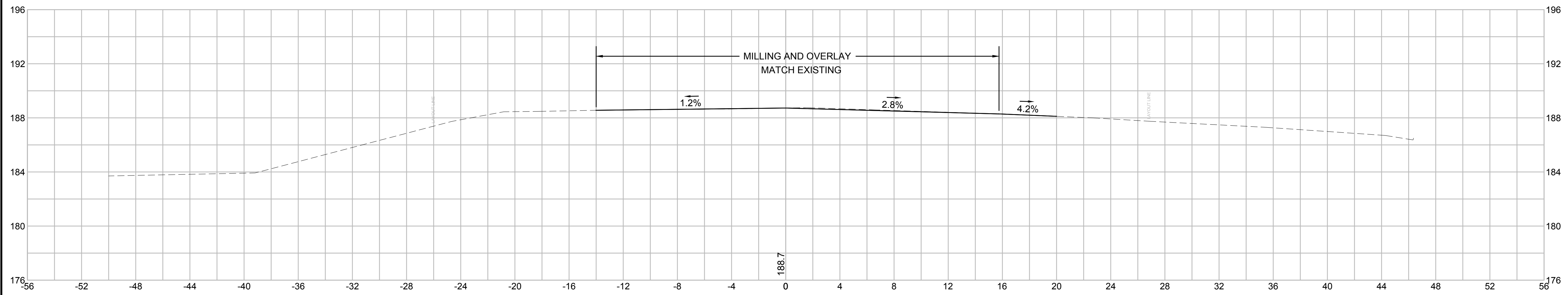


**STOW  
GLEASONDALE ROAD**

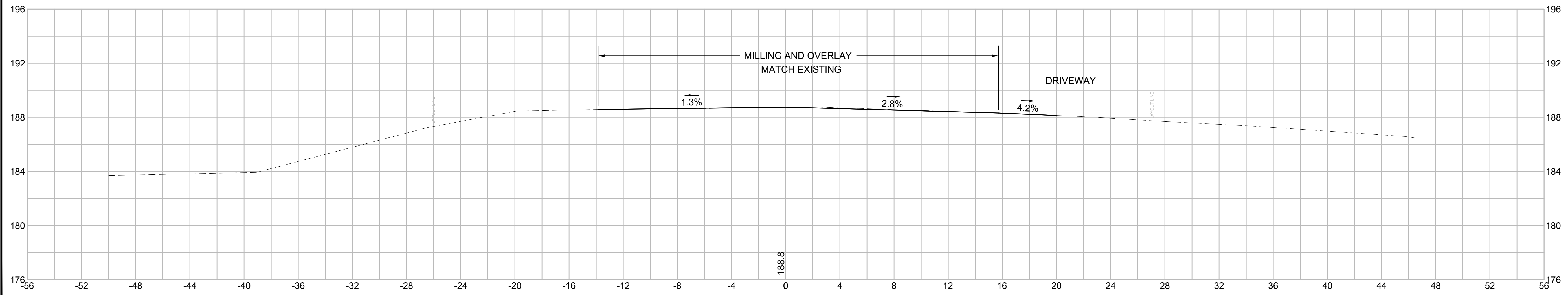
STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	32	32
PROJECT FILE NO.		605342	

**CROSS SECTIONS - 14**

**22+25**



**22+22.75**

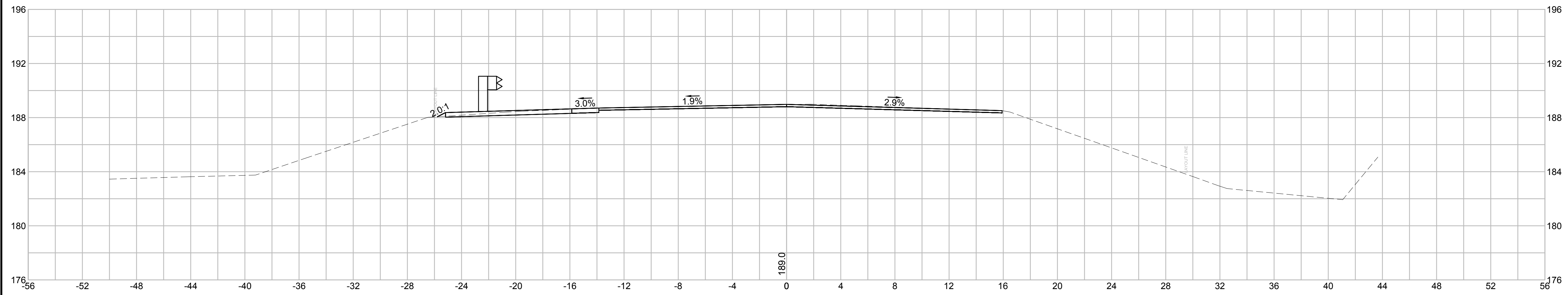


**STOW  
GLEASONDALE ROAD**

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	31	32
PROJECT FILE NO.		605342	

**CROSS SECTIONS - 13**

22+00



21+75

