

# MASSACHUSETTS DEPARTMENT OF TRANSPORTATION HIGHWAY DIVISION

PLAN AND PROFILE OF  
MONTAGUE CITY ROAD  
IN THE TOWN OF  
MONTAGUE  
FRANKLIN COUNTY

FEDERAL AID PROJECT NO.

## 100% PS&E SUBMISSION

TOWN OF MONTAGUE  
MONTAGUE CITY ROAD

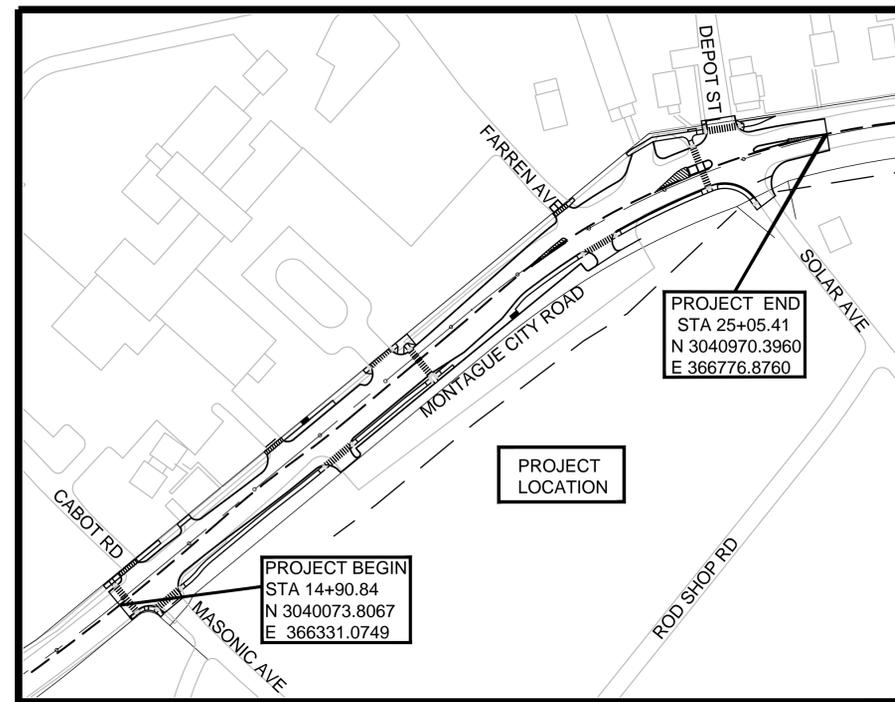
STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	1	29

PROJECT FILE NO. 607239  
TITLE SHEET & INDEX

THE MASSACHUSETTS HIGHWAY DEPARTMENT STANDARD SPECIFICATIONS FOR HIGHWAYS AND BRIDGES DATED 1988, AS AMENDED, THE SUPPLEMENTAL SPECIFICATIONS DATED JUNE 15, 2012, THE 2014 CONSTRUCTION STANDARD DETAILS, THE 1996 CONSTRUCTION AND TRAFFIC STANDARD DETAILS, (AS RELATED TO TRAFFIC STANDARD DETAILS ONLY), THE LATEST MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS WITH MASSACHUSETTS AMENDMENTS, THE 1968 STANDARD DRAWINGS FOR TRAFFIC SIGNALS AND HIGHWAY LIGHTING, AND THE LATEST EDITION OF THE AMERICAN STANDARD FOR NURSERY STOCK, WILL GOVERN.

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### DESIGN DESIGNATION (MONTAGUE CITY ROAD)

DESIGN SPEED	35 MPH
ADT (2013)	8,700
ADT (2033)	9,625
K	8%
D	55%
T (PEAK HOUR)	4.6%
T (AVERAGE DAY)	3.7%
DHV	730
DDHV	400
FUNCTIONAL CLASSIFICATION	URBAN MINOR ARTERIAL

19 Nov2014	100% PS&E	7
3Oct2014	100% Submission	6
3July2014	75% Resubmission	5
25June2014	Response to 75% comments	4
8May2014	75% Submission	3
22Jan2014	Response to 25% comments	2
16Dec2013	Response to 25% comments	1
DATE	DESCRIPTION	REV #



LENGTH OF PROJECT = 1009.21 FEET = 0.191 MILES

		RECOMMENDED FOR APPROVAL	
		_____ CHIEF ENGINEER	_____ DATE
DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION APPROVED:		APPROVED	
		_____ DIVISION ADMINISTRATOR	_____ DATE
		_____ HIGHWAY ADMINISTRATOR	_____ DATE

# LEGEND

## GENERAL SYMBOLS

EXISTING	PROPOSED	
		JERSEY BARRIER ON BRIDGE OR JERSEY BARRIER
		CATCH BASIN
		CURB INLET
		BUOY
		FLAG POLE
		GAS PUMP
		DROP INLET
		MAIL BOX
		GRANITE POST
		PLANTER
		POST
		TELEPHONE BOOTH
		VAULT
		VALVE
		WELL
		ELECTRIC MANHOLE (HANDHOLE)
		GATE POST
		FLOW LINE
		GAS GATE
		BORING HOLE
		MONITORING WELL
		TEST PIT
		CONCRETE HEADWALL
		HANDHOLE
		STONE HEADWALL
		HYDRANT
		LIGHT POLE
		COUNTY BOUND
		GPS POINT
		CABLE MANHOLE
		DRAINAGE MANHOLE
		ELECTRIC MANHOLE
		GAS MANHOLE
		MISC MANHOLE
		OTHER MANHOLE
		SEWER MANHOLE
		TELEPHONE MANHOLE
		WATER MANHOLE
		MHD BOUND
		MONUMENT
		STONE BOUND
		TOWN OR CITY BOUND
		TRAVERSE OR TRIANGULATION STATION
		TROLLEY POLE OR GUY
		TRANS. POLE
		UP WITH FIREBOX
		POLE WITH DOUBLE LIGHT
		UP WITH LIGHT
		UTILITY POLE
		BUSH
		TREE
		STUMP
		SWAMP / MARSH
		WATER GATE
		FIRE ALARM BOX
		PARKING METER
		ELECTRICAL GROUND
		GATE VALVE
		RIP RAP
		OVERHEAD CABLE
		DIRECT BURIAL CABLE
		CURBING
		CONTOURS
		DRAIN PIPE (DOUBLE LINE 24 INCH AND OVER)
		ELECTRIC DUCT
		GAS MAIN
		SEWER MAIN
		TELEPHONE DUCT
		WATER MAIN
		BALANCE STONE WALL
		CULVERT
		GUARD RAIL
		GUTTER LINE AT DRIVEWAYS
		CHAIN LINK FENCE
		STOCKADE FENCE

## GENERAL SYMBOLS (CONT.)

EXISTING	PROPOSED	
		HAY BALES/SILT FENCE
		RETAINING WALL
		TREE LINE OR LIMIT OF CLEARING AND GRUBBING
		SAWCUT LINE
		TOP OR BOTTOM OF SLOPE
		LIMIT OF EDGE OF PAVEMENT OR COLD PLAN & OVERLAY
		BANK OF RIVER OR STREAM
		BORDER OF WETLAND
		100 FT WETLAND OR 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 SIGNAL SYMBOLS

EXISTING	PROPOSED	
		CONTROLLER PHASE ACTUATED
		TRAFFIC SIGNAL HEAD (SIZE AS NOTED)
		WIRE LOOP DETECTOR (6'X 6' TYPICAL UNLESS OTHERWISE SPECIFIED)
		VIDEO SURVEILLANCE CAMERA
		MICROWAVE DETECTOR
		MAGNETOMETER (2 SHOWN)
		PEDESTRIAN PUSH BUTTON, SIGN (DIRECTIONAL ARROW AS SHOWN) AND SADDLE
		OPTICOM CONFIRMATION STROBE LIGHT
		VEHICULAR SIGNAL HEAD
		VEHICULAR SIGNAL HEAD, OPTICALLY PROGRAMMED
		FLASHING BEACON
		PEDESTRIAN SIGNAL HEAD (TYPE AS NOTED OR AS SPECIFIED)
		PEDESTRIAN SIGNAL HEAD, OPTICALLY PROGRAMMED
		PEDESTRIAN SIGNAL POST AND BASE
		RAILROAD SIGNAL
		SIGNAL POST AND BASE (ALPHA-NUMERIC DESIGNATION NOTED)
		STEEL OR ALUMINUM MAST ARM, SHAFT AND BASE (ARM LENGTH AS NOTED)
		HIGH MAST POLE OR TOWER
		SIGN AND POST
		SIGN AND POST (TWO POSTS)
		SIGNAL AND LIGHTING MAST ARM (OPTICOM)
		EMERGENCY PRE-EMPTION DETECTOR
		CONTROL CABINET, GROUND MOUNTED
		CONTROL CABINET, POLE MOUNTED
		FLASHING BEACON CONTROL & METER PEDESTAL
		LOAD CENTER ASSEMBLY
		PULL BOX 12"X12" (AND AS NOTED)
		ELECTRIC HANDHOLE 12" X 24"
		TRAFFIC SIGNAL INTERCONNECT CONDUIT
		TRAFFIC SIGNAL CONDUIT (TYPE AS NOTED)

## PAVEMENT MARKINGS AND SIGNING SYSBOLS

EXISTING	PROPOSED	
		PAVEMENT ARROW - WHITE
		LEGEND "ONLY" - WHITE
		STOP LINE - 12"
		CROSSWALK
		SOLID WHITE LANE LINE
		BROKEN WHITE LANE LINE (10' LINE, 30' SPACE TYP.)
		SOLID WHITE EDGE LINE
		YELLOW GORE LINE - 12"
		DOUBLE YELLOW CENTER LINE
		SOLID WHITE CHANNELIZATION LINE - 8"
		WHITE GORE LINE - 12"
		SOLID YELLOW EDGE LINE
		BROKEN YELLOW CENTER LINE (10' LINE, 30' SPACE TYP.) - 4"
		SOLID YELLOW CENTER LINE
		DOTTED WHITE LANE LINE - 4" (2' LINE, 6' SPACE)
		DIRECTION OF TRAFFIC FLOW

## ABBREVIATIONS

### GENERAL

AADT	ANNUAL AVERAGE DAILY TRAFFIC
ABAN	ABANDON
ADJ	ADJUST
APPROX.	APPROXIMATE
A.C.	ASPHALT CONCRETE
ACCM PIPE	ASPHALT COATED CORRUGATED METAL PIPE
BIT.	BITUMINOUS
BC	BOTTOM OF CURB
BD.	BOUND
BL	BASELINE
BLDG	BUILDING
BM	BENCH MARK
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	LEACHING BASIN
LP	LIGHT POLE
LT	LEFT
MAX	MAXIMUM
MB	MAIL BOX
MH	MANHOLE
MHB	MASSACHUSETTS HIGHWAY BOUND
MIN	MINIMUM
NIC	NOT IN CONTRACT
NO.	NUMBER
PC	POINT OF CURVATURE
P.C.L.	POINT OF COMPOUND CURVATURE
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
PVMT	PAVEMENT
PWW	PAVED WATER WAY

## TOWN OF MONTAGUE MONTAGUE CITY ROAD

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA		2	29

### LEGEND & ABBREVIATIONS

### GENERAL (CONT.)

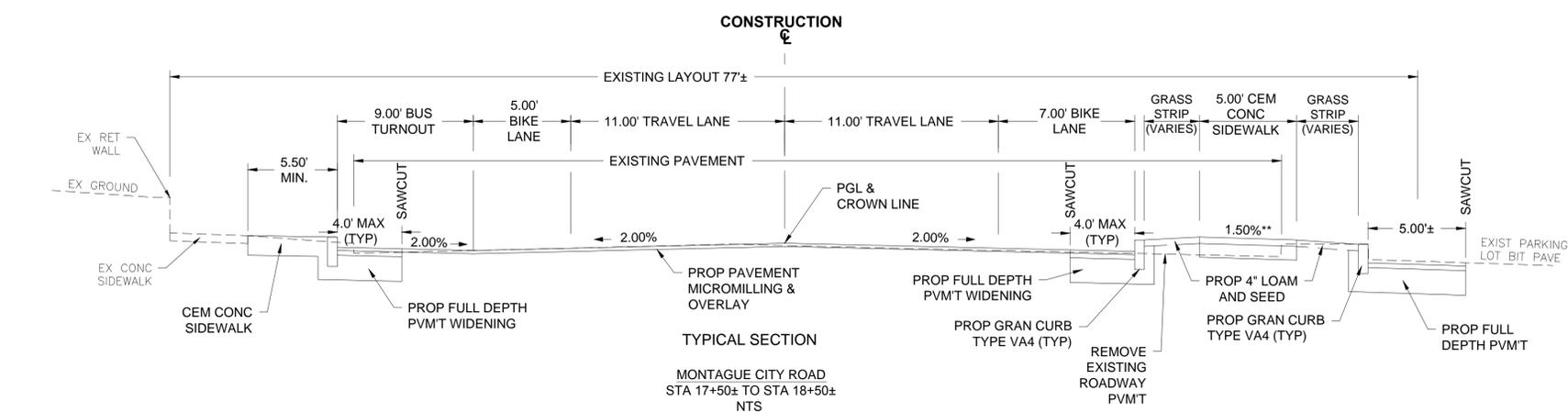
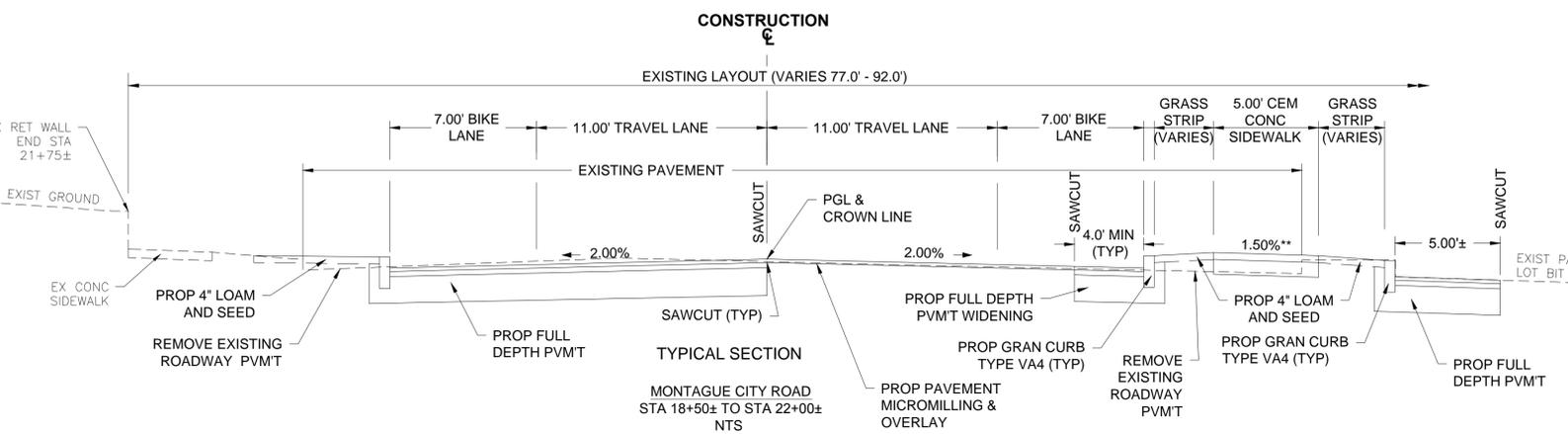
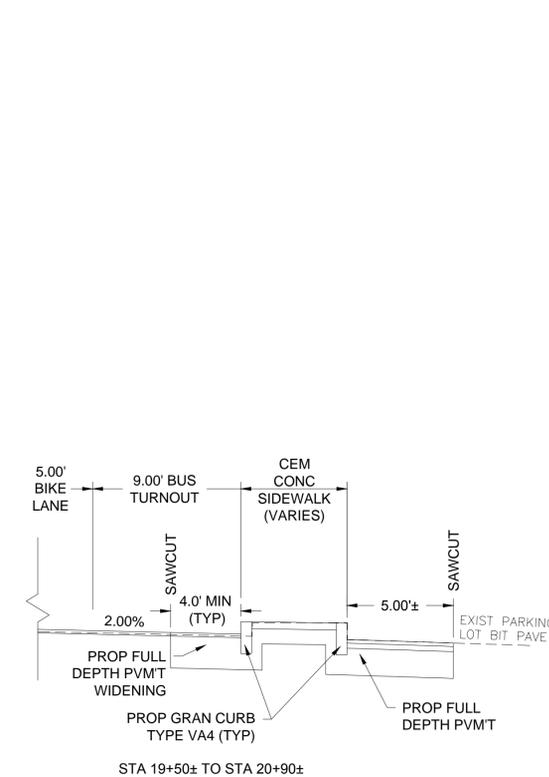
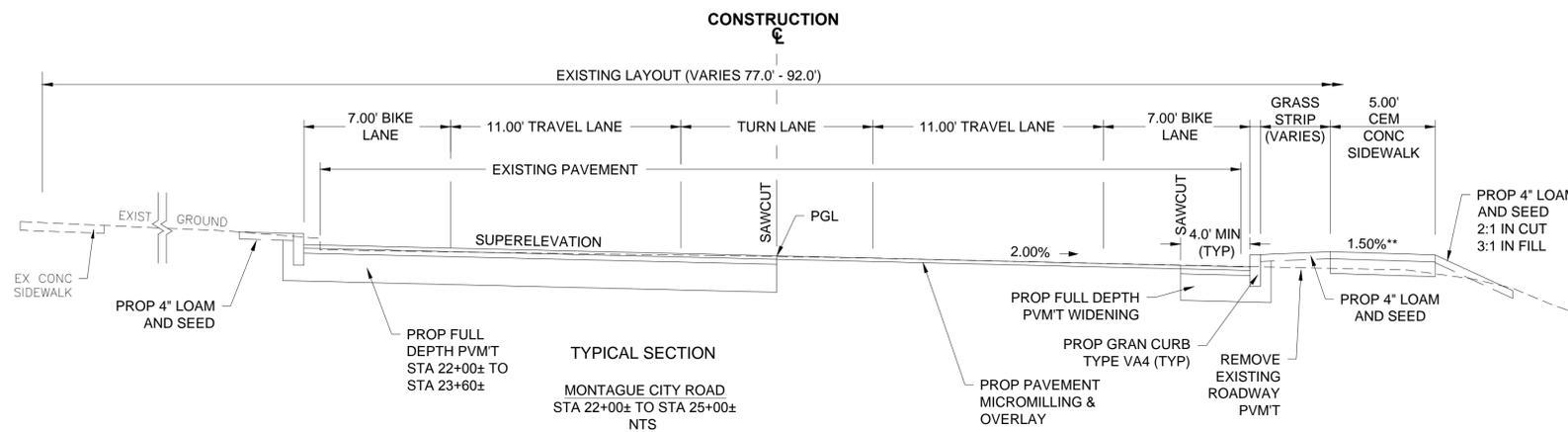
R	RADIUS OF CURVATURE
R&D	REMOVE AND DISPOSE
RCP	REINFORCED CONCRETE PIPE
RD	ROAD
RDWY	ROADWAY
REM	REMOVE
RET	RETAIN
RET WALL	RETAINING WALL
ROW	RIGHT-OF-WAY
RR	RAILROAD
R&R	REMOVE AND RESET
R&S	REMOVE AND STACK
RT	RIGHT
SB	STONE BOUND
SHLD	SHOULDER
SMH	SEWER MANHOLE
ST	STREET
STA	STATION
SSD	STOPPING SIGHT DISTANCE
SHLO	STATE HIGHWAY LAYOUT LINE
SW	SIDEWALK
T	TANGENT DISTANCE OF CURVE/ TRUCK PERCENTAGE
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	WHEELCHAIR RAMP
WG	WATER GATE
WIP	WROUGHT IRON PIPE
WM	WATER METER/WATER MAIN
X-SECT	CROSS SECTION

### TRAFFIC SIGNAL

CAB.	CABINET
CCVE	CLOSED CIRCUIT VIDEO EQUIPMENT
DW	STEADY DON'T WALK - PORTLAND ORANGE
FDW	FLASHING DON'T WALK - PORTLAND ORANGE
FYV	FLASHING AMBER VERTICAL ARROW
FR	FLASHING CIRCULAR RED
FW	FLASHING WALK - LUNAR WHITE
FY	FLASHING CIRCULAR AMBER
FRL	FLASHING RED LEFT ARROW
FRR	FLASHING RED RIGHT ARROW
FRV	FLASHING RED VERTICAL 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
OP	OPTICOM
PED	PEDESTRIAN
PTZ	PAN, TILE, ZOOM
R	STEADY CIRCULAR RED
RV	STEADY RED VERTICAL ARROW
RL	STEADY RED LEFT ARROW
RR	STEADY RED RIGHT ARROW
TR SIG	TRAFFIC SIGNAL
TSC	TRAFFIC SIGNAL CONDUIT
W	STEADY WALK - LUNAR WHITE
Y	STEADY CIRCULAR AMBER
YL	STEADY AMBER LEFT ARROW
YR	STEADY AMBER RIGHT ARROW
YV	STEADY AMBER VERTICAL ARROW

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	3	29
PROJECT FILE NO.		607239	

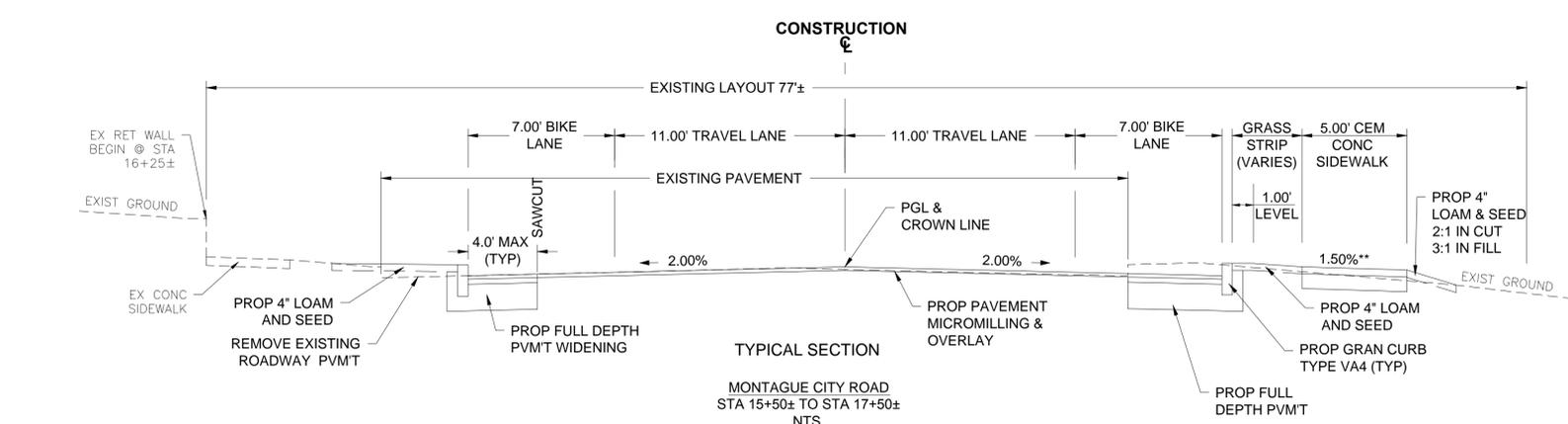
TYPICAL SECTIONS



8" BITUMINOUS PAVEMENT
4" MACADAM
6" GRAVEL
SUBGRADE

TEP-1

TEST PIT DUG ON 4/29/13 BY TOWN OF MONTAGUE DPW OBSERVED BY STANTEC



PAVEMENT NOTES

PROPOSED FULL DEPTH PAVEMENT

- 1.5" SUPERPAVE SURFACE COURSE 9.5 (SSC-9.5) over
- 2" SUPERPAVE INTERMEDIATE COURSE 12.5 (SIC-12.5) over
- 4" SUPERPAVE BASE COURSE 37.5 (SBC-37.5) over
- 4" DENSE GRADED CRUSHED STONE over
- 8" GRAVEL BORROW, TYPE B OR EXISTING GRAVEL TO REMAIN

PROPOSED PAVEMENT MICROMILLING AND OVERLAY

- 1.5" SUPERPAVE SURFACE COURSE 9.5 (SSC-9.5) over
- 2" SUPERPAVE INTERMEDIATE COURSE 12.5 (SIC-12.5) over
- 3" PAVEMENT MICROMILLING MAXIMUM (VARIABLE) or
- VARIABLE DEPTH SUPERPAVE LEVELING COURSE 9.5 (SLC - 9.5)

PROPOSED SUPERPAVE DRIVEWAYS AND APRONS

- 1.5" SUPERPAVE SURFACE COURSE 9.5 (SSC-9.5) over
- 2" SUPERPAVE INTERMEDIATE COURSE 12.5 (SIC-12.5) over
- 8" GRAVEL BORROW, TYPE B OR EXISTING GRAVEL TO REMAIN

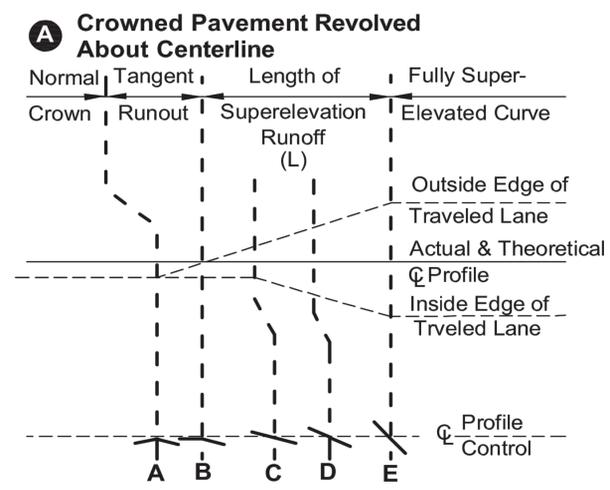
PROPOSED CEMENT CONCRETE WALK/ WHEELCHAIR RAMP

- 4" CEMENT CONCRETE AIR ENTRAINED 4000 PSI, 3/4", 610
- 8" GRAVEL BORROW, TYPE B OR EXISTING GRAVEL TO REMAIN

PROPOSED CEMENT CONCRETE WALK @ DRIVEWAYS AND SCORED CONCRETE ISLANDS

- 6" CEMENT CONCRETE AIR ENTRAINED 4000 PSI, 3/4", 610
- 12" GRAVEL BORROW, TYPE B OR EXISTING GRAVEL TO REMAIN

NOTE: ASPHALT EMULSION FOR TACK COAT SHALL BE SPRAY APPLIED FOR DOUBLE OVERLAP COVERAGE AT 0.07 GAL/SY OVER MILLED SURFACES AND 0.05 GAL/SY OVER SMOOTH SURFACES.



SUPERELEVATION TABLE

	START STA.	END STA.
RUNOFF	18+89	19+62
END NORMAL CROWN	18+89	
LEVEL CROWN	19+62	
RUNOFF	19+62	21+45
LEVEL CROWN	19+62	
REVERSE CROWN	20+36	
BEGIN CURVE	20+84	
BEGIN FULL SUPER	21+45	
RUNOFF	24+45	26+28 (BEYOND WORK LIMITS)
END FULL SUPER	24+45	
END CURVE	25+06	

APPROX END OF PAVING LIMITS. TIE INTO EXISTING SUPERELEVATED TANGENT

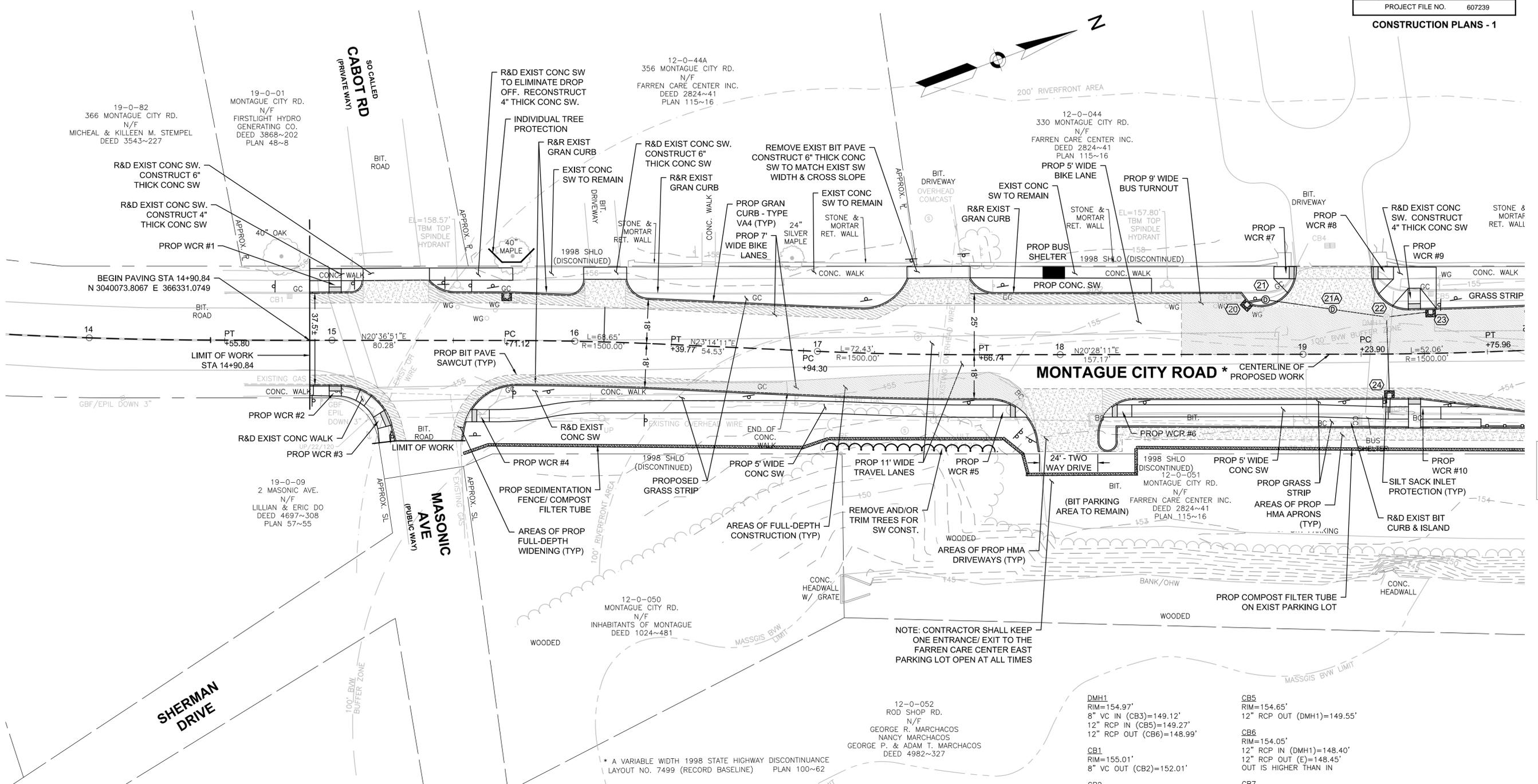
\*\* TOLERANCE FOR CONSTRUCTION ±0.5%

**TOWN OF MONTAGUE  
MONTAGUE CITY ROAD**

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	4	29
PROJECT FILE NO. 607239			

**CONSTRUCTION PLANS - 1**

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



NOTE: CONTRACTOR SHALL KEEP ONE ENTRANCE/ EXIT TO THE FARREN CARE CENTER EAST PARKING LOT OPEN AT ALL TIMES

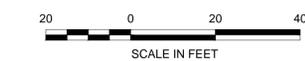
**DRAINAGE STRUCTURE DATA**

NO.	TYPE	STATION	RIM ELEV.	INV. ELEV. IN	INV. ELEV. OUT	REMARKS
20	CB	18+77.34, 21.1' LT	154.54	--	150.26 (21)	REPLACE EX CB3
21	DMH	18+84.63, 22.4' LT	155.40	150.14 (20)	150.04 (21A)	TO AVOID WATER SYSTEM
21A	DMH	19+12.33, 18.4' LT	154.53	EX FROM CB4 149.67 (20)	149.57 (22)	TO CONNECT DRAIN LINE FROM EX CB4
22	EX DMH1	19+34.56, 15.2' LT	154.97 EX	149.30 (21A) 149.30 (23)	149.20 (24)	ADJUST EX RIM
23	CB	19+52.96, 17.0' LT	154.55	--	149.70 (22)	REPLACE EX CB5
24	CB	19+35.48, 17.0' RT	154.13	148.65 (22)	148.55	CONNECT TO EX PIPE, REPLACE EX CB6

PIPE LOCATION	TYPE	LENGTH	SLOPE
CB 20 TO DMH 21	RCP	5'	0.0240
DMH 21 TO DMH 21A	RCP	25'	0.0148
DMH 21A TO EX DMH1	RCP	19'	0.0142
CB 23 TO EX DMH1	RCP	16'	0.0250
EX DMH1 TO CB 24	RCP	30'	0.0183
CB 24 TO EX CB6	RCP	6'	0.0200

NOTE: ALL PROPOSED CATCH BASINS SHALL BE HOODED WITH DEEP SUMPS

FOR PROFILE: SEE SHEET NO. 6



CONTINUED ON SHEET NO. 5

19-Nov-2014  
607239\_HD(DESIGN-PLANS).DWG

HIGHWAY GUARD DETAILS

STA 23+61, 32' RT TO STA 24+06, 80' RT (67 LF)  
 STA 24+47, 76' RT TO STA 24+59, 34' RT (67 LF)

TRAFFIC SIGNAL CONDUIT

NONE

WATER SUPPLY ALTERATIONS

NONE

DRAINAGE DETAILS

SEE BELOW

TOWN OF MONTAGUE  
 MONTAGUE CITY ROAD

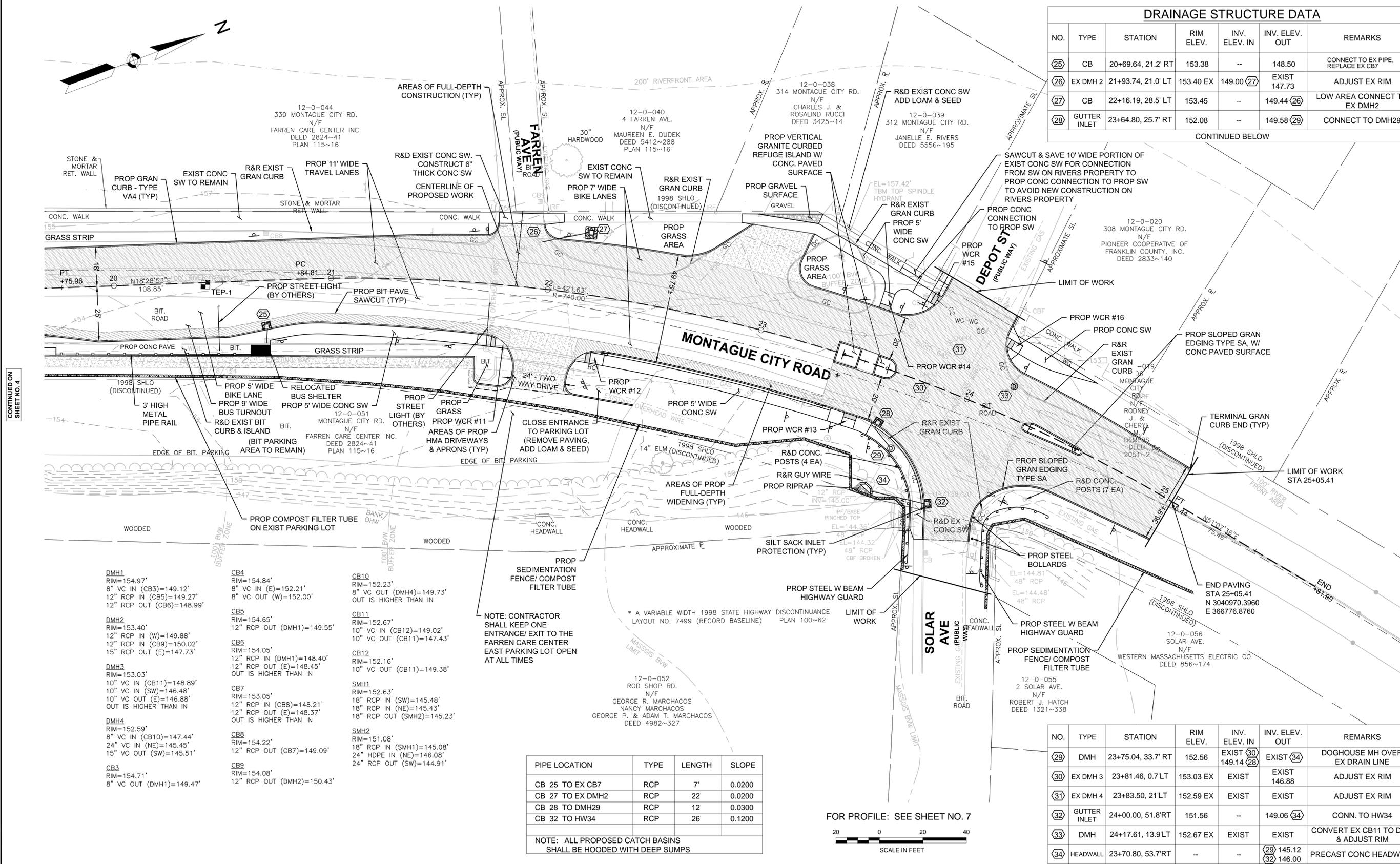
STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	5	29
PROJECT FILE NO. 607239			

CONSTRUCTION PLANS - 2

DRAINAGE STRUCTURE DATA

NO.	TYPE	STATION	RIM ELEV.	INV. ELEV. IN	INV. ELEV. OUT	REMARKS
25	CB	20+69.64, 21.2' RT	153.38	--	148.50	CONNECT TO EX PIPE, REPLACE EX CB7
26	EX DMH 2	21+93.74, 21.0' LT	153.40 EX	149.00	EXIST 147.73	ADJUST EX RIM
27	CB	22+16.19, 28.5' LT	153.45	--	149.44	LOW AREA CONNECT TO EX DMH2
28	GUTTER INLET	23+64.80, 25.7' RT	152.08	--	149.58	CONNECT TO DMH29

CONTINUED BELOW



DMH1 RIM=154.97' 8" VC IN (CB3)=149.12' 12" RCP IN (CB5)=149.27' 12" RCP OUT (CB6)=148.99'	CB4 RIM=154.84' 8" VC IN (E)=152.21' 8" VC OUT (W)=152.00'	CB10 RIM=152.23' 8" VC OUT (DMH4)=149.73' OUT IS HIGHER THAN IN
DMH2 RIM=153.40' 12" RCP IN (W)=149.88' 12" RCP IN (CB9)=150.02' 15" RCP OUT (E)=147.73'	CB5 RIM=154.65' 12" RCP OUT (DMH1)=149.55'	CB11 RIM=152.67' 10" VC IN (CB12)=149.02' 10" VC OUT (CB11)=147.43'
DMH3 RIM=153.03' 10" VC IN (CB11)=148.89' 10" VC IN (SW)=146.48' 10" VC OUT (E)=146.88' OUT IS HIGHER THAN IN	CB6 RIM=154.05' 12" RCP IN (DMH1)=148.40' 12" RCP OUT (E)=148.45' OUT IS HIGHER THAN IN	CB12 RIM=152.16' 10" VC OUT (CB11)=149.38'
DMH4 RIM=152.59' 8" VC IN (CB10)=147.44' 24" VC IN (NE)=145.45' 12" RCP OUT (SW)=145.51'	CB7 RIM=153.05' 12" RCP IN (CB8)=148.21' 12" RCP OUT (E)=148.37' OUT IS HIGHER THAN IN	SMH1 RIM=152.63' 18" RCP IN (SW)=145.48' 18" RCP IN (NE)=145.43' 18" RCP OUT (SMH2)=145.23'
CB3 RIM=154.71' 8" VC OUT (DMH1)=149.47'	CB8 RIM=154.22' 12" RCP OUT (CB7)=149.09'	SMH2 RIM=151.08' 18" RCP IN (SMH1)=145.08' 24" HDPE IN (NE)=146.08' 24" RCP OUT (SW)=144.91'
	CB9 RIM=154.08' 12" RCP OUT (DMH2)=150.43'	

NOTE: CONTRACTOR SHALL KEEP ONE ENTRANCE/EXIT TO THE FARREN CARE CENTER EAST PARKING LOT OPEN AT ALL TIMES

PIPE LOCATION	TYPE	LENGTH	SLOPE
CB 25 TO EX CB7	RCP	7'	0.0200
CB 27 TO EX DMH2	RCP	22'	0.0200
CB 28 TO DMH29	RCP	12'	0.0300
CB 32 TO HW34	RCP	26'	0.1200

NOTE: ALL PROPOSED CATCH BASINS SHALL BE HOODED WITH DEEP SUMPS

FOR PROFILE: SEE SHEET NO. 7



NO.	TYPE	STATION	RIM ELEV.	INV. ELEV. IN	INV. ELEV. OUT	REMARKS
29	DMH	23+75.04, 33.7' RT	152.56	EXIST 149.14	EXIST 146.88	DOGHOUSE MH OVER EX DRAIN LINE
30	EX DMH 3	23+81.46, 0.7' LT	153.03 EX	EXIST	EXIST	ADJUST EX RIM
31	EX DMH 4	23+83.50, 21' LT	152.59 EX	EXIST	EXIST	ADJUST EX RIM
32	GUTTER INLET	24+00.00, 51.8' RT	151.56	--	149.06	CONN. TO HW34
33	DMH	24+17.61, 13.9' LT	152.67 EX	EXIST	EXIST	CONVERT EX CB11 TO DMH & ADJUST RIM
34	HEADWALL	23+70.80, 53.7' RT	--	--	145.12	PRECAST CONC HEADWALL

CONTINUED ON SHEET NO. 4