TOWN OF MONTAGUE
MONTAGUE CITY ROAD

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	1	9
PROJECT FILE NO.	607239		

PRELIMINARY RIGHT OF WAY
TITLE SHEET & INDEX

607239_RW(ROW-PLANS).DWG 25-Jul-2014

MASSACHUSETTS DEPARTMENT OF TRANSPORTATION
HIGHWAY DIVISION

PLAN AND PROFILE OF

MONTAGUE CITY ROAD

IN THE TOWN OF

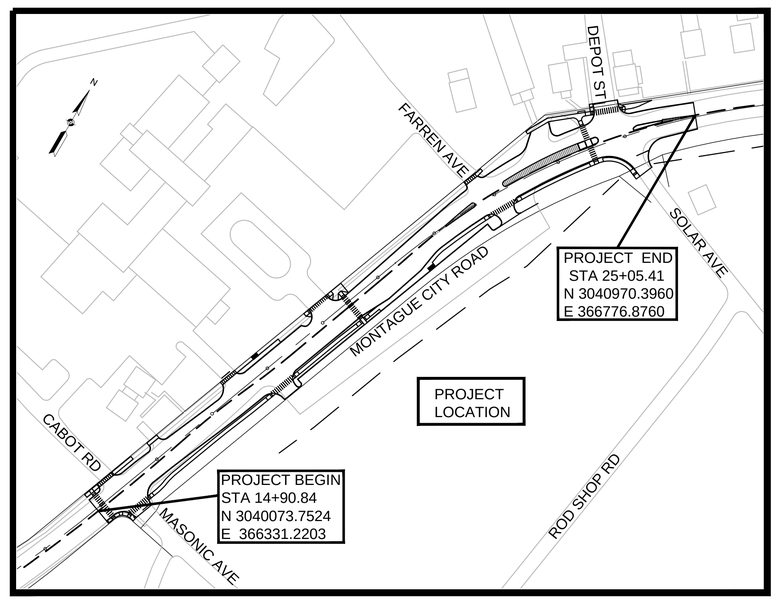
MONTAGUE

FRANKLIN COUNTY

PRELIMINARY RIGHT OF WAY

FEDERAL AID PROJECT NO.

THE MASSACHUSETTS HIGHWAY DEPARTMENT STANDARD SPECIFICATIONS FOR HIGHWAYS AND BRIDGES DATED 1988, AS AMENDED, THE SUPPLEMENTAL SPECIFICATIONS DATED JUNE 15, 2012, THE 2012 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 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.



SHEET NO.	DESCRIPTION
1	PRELIMINARY RIGHT-OF-WAY TITLE SHEET & INDEX
2	PRELIMINARY RIGHT-OF-WAY PARCEL SUMMARY SHEET
3	PRELIMINARY RIGHT-OF-WAY PROPERTY PLAN - 1
4	PRELIMINARY RIGHT-OF-WAY PROPERTY PLAN - 2
5	PRELIMINARY RIGHT-OF-WAY PROPERTY PLAN - 3
6	PRELIMINARY RIGHT-OF-WAY PROPERTY PLAN - 4
7	PRELIMINARY RIGHT-OF-WAY TYPICAL SECTIONS
8	PRELIMINARY RIGHT-OF-WAY PROFILE - 1
9	PRELIMINARY RIGHT-OF-WAY PROFILE - 2

LENGTH OF PROJECT = 1009.21 FEET = 0.191 MILES

DATE	DESCRIPTION	REV #
07/25/2014	RESPONSE TO COMMENTS	#11
07/03/2014	75% DESIGN RESUBMSSION	#10
06/11/2014	REVISE TE-7 FOR EROSION CONTROL	#9
06/03/2014	INTERMEDIATE PRE 100% SUBMISSION	#8
05/081/2014	75% HIGHWAY DESIGN SUBMISSION	#7
05/01/2014	INTERMEDIATE PRE 75% SUBMISSION	#6
04/22/2014	INTERMEDIATE PRE 75% SUBMISSION	#5
04/07/2014	INTERMEDIATE PRE 75% SUBMISSION	#4
01/22/2014	RESP. TO 25% COMMENTS 10/22/2013	#3
11/25/2013	RESP. TO 25% COMMENTS 10/22/2013	#2
10/11/2013	RESP. TO 25% COMMENTS 9/26/2013	#1

RECOMMENDED FOR APPROVAL

CHIEF ENGINEER **DATE**

DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

APPROVED:

DIVISION ADMINISTRATOR **DATE**

APPROVED

HIGHWAY ADMINISTRATOR **DATE**

TOWN OF MONTAGUE
MONTAGUE CITY ROAD

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	2	9
PROJECT FILE NO.	607239		

PRELIMINARY RIGHT OF WAY
PARCEL SUMMARY SHEET

607239_RW(ROW-PLANS).DWG 25-Jul-2014

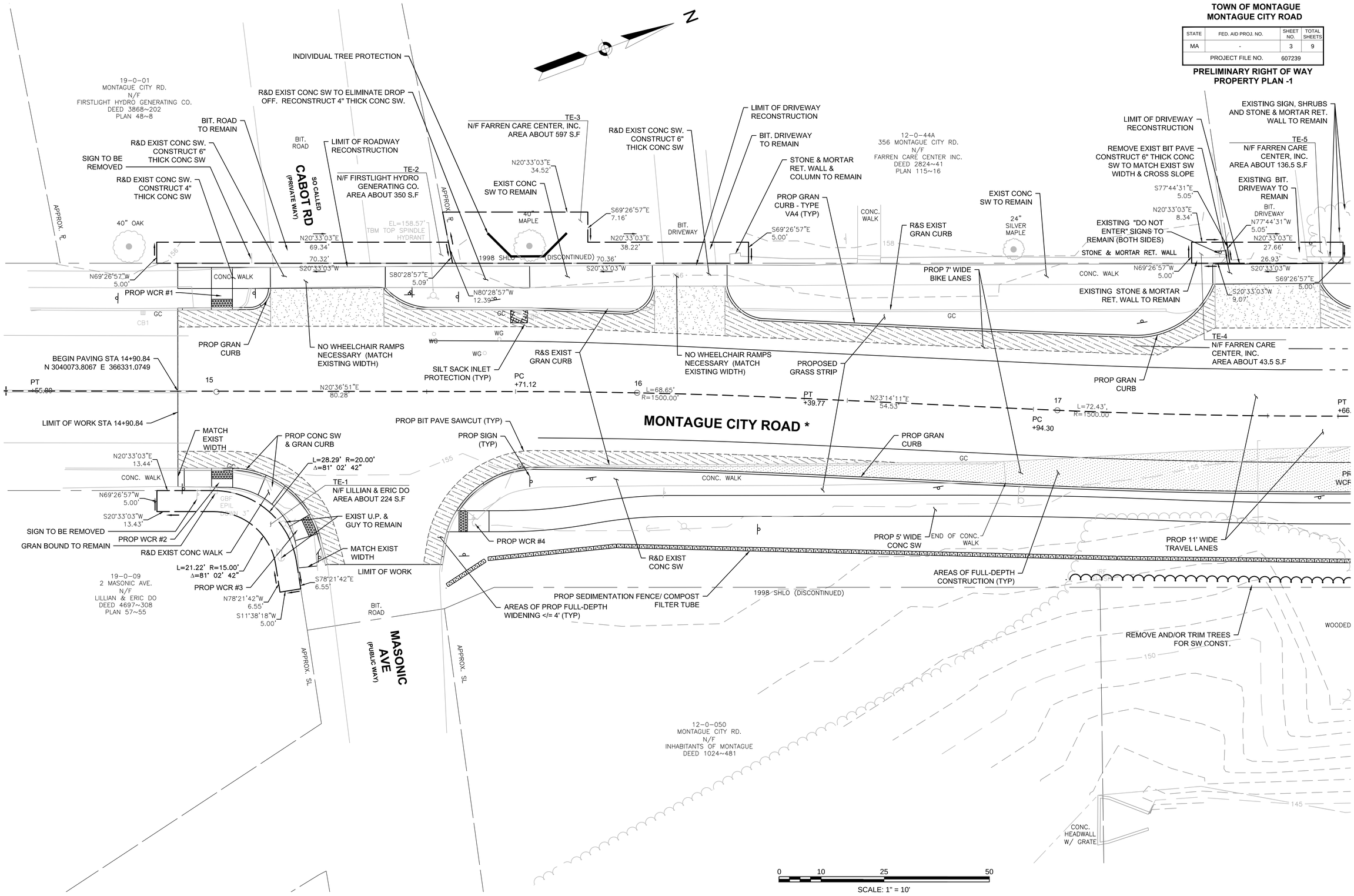
PARCEL NO.	PLAN SHEET NO.	TITLEHOLDER	ASSESSOR'S MAP NO.	TITLE REFERENCE				AREA (S.F. +/-)						TOTAL PROPERTY AREA (1) (S.F.)	REMARKS
				DEED BOOK	PAGE NO.	LCC NO.	CERT NO.	TAKEN		EASEMENT		TOTAL TAKEN	REMAINING		
								CITY	STATE	TYPE	AREA				
TE-1	3	Lillian & Eric Do	19-0-09	4697	308					TEMP.	224			22,500.0	Concrete Sidewalk & Wheelchair Ramps Replacement
TE-2	3	Firstlight Hydro Generating Co.	19-0-01	3868	202					TEMP.	350			50,681.6	Concrete Sidewalk Replacement & Crosswalk Reconstruction
TE-3	3	Farren Care Center, Inc.	12-0-044A	2824	41					TEMP.	597			32,670.0	Concrete Sidewalk Replacement, Driveway Reconstruction & Tree Protection
TE-4	3 & 4	Farren Care Center, Inc.	12-0-044A	2824	41					TEMP.	43.5			32,670.0	Concrete Sidewalk Replacement & Driveway Reconstruction
TE-5	3 & 4	Farren Care Center, Inc.	12-0-044	2824	41					TEMP.	136.5			318,859.2	Concrete Sidewalk Replacement & Driveway Reconstruction
TE-6	4	Farren Care Center, Inc.	12-0-044	2824	41					TEMP.	205			318,859.2	Installation of Wheelchair Ramps & Driveway Reconstruction
TE-7	4	Farren Care Center, Inc.	12-0-051	2824	41					TEMP.	495			40,946.4	Construction of Southern End of New Paved Island, Installation of Erosion Control Barrier Across Existing Parking Lot
TE-8	5	Farren Care Center, Inc.	12-0-044	2824	41					TEMP.	62			318,859.2	Concrete Sidewalk Replacement & Reconstruction of Int. w/ Farren Ave.
TE-9	5	Maureen E. Dudek	12-0-040	5412	288					TEMP.	63			44,431.2	Concrete Sidewalk Replacement & Reconstruction of Int. w/ Farren Ave.
TE-10	6	Charles J. & Rosalind Rucci	12-0-038	3425	14					TEMP.	250			15,850.2	Construction/Relocation of Conc. Walk to Replace Existing Sidewalk
TE-11	6	Janelle E. Rivers	12-0-039	5556	195					TEMP.	366			6,743.5	Construction of Conc. Walk and Wheelchair Ramp at Depot Street
TE-12	6	Pioneer Cooperative of Franklin County, Inc.	12-0-020	2833	140					TEMP.	120			8,276.4	Installation of Wheelchair Ramp at Depot Street
TE-13	6	Farren Care Center, Inc.	12-0-051	2824	41					TEMP.	54			40,946.4	Construction of Guard Rail and New Conc. Sidewalk
TE-14	6	George R Marchacos, Nancy Marchacos George P & Adam T Marchacos	12-0-052	4982	327					TEMP.	104			167,706.0	Construction of Guard Rail and New Conc. Sidewalk

(1) AREA TAKEN FROM TOWN OF MONTAGUE, MASSACHUSETTS WEB GIS MAPS

TOWN OF MONTAGUE
MONTAGUE CITY ROAD

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	3	9
PROJECT FILE NO.	607239		

PRELIMINARY RIGHT OF WAY PROPERTY PLAN -1



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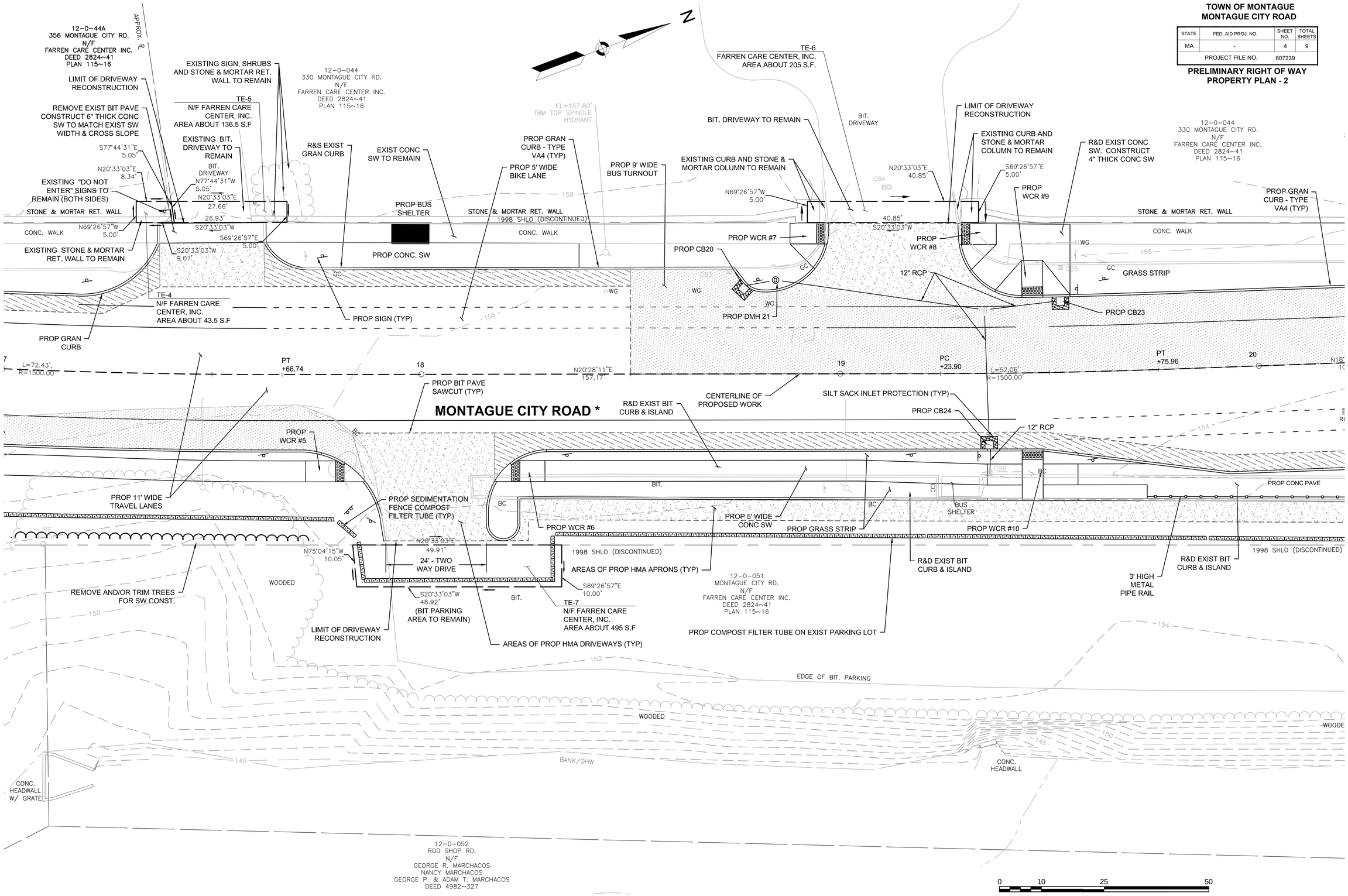
TOWN OF MONTAGUE
MONTAGUE CITY ROAD

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	4	9
PROJECT FILE NO.	607239		

PRELIMINARY RIGHT OF WAY
PROPERTY PLAN - 2



CONTINUED ON SHEET NO. 3

CONTINUED ON SHEET NO. 5

607239_RW(ROW-PLANS).DWG 25-Jul-2014

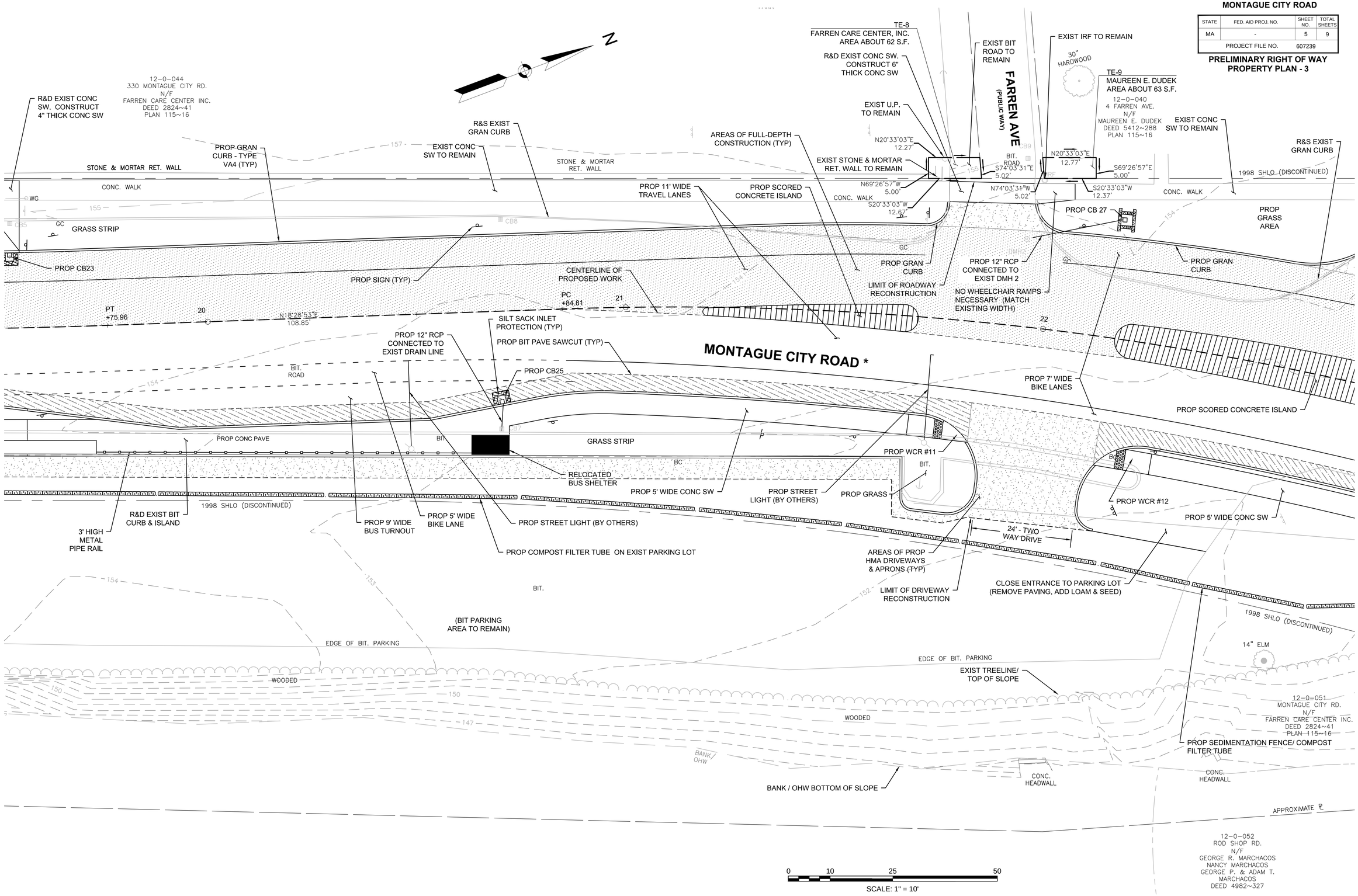
TOWN OF MONTAGUE
MONTAGUE CITY ROAD

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	5	9
PROJECT FILE NO.	607239		

PRELIMINARY RIGHT OF WAY
PROPERTY PLAN - 3

25-Jul-2014

607239_RW(ROW-PLANS).DWG



CONTINUED ON SHEET NO. 4

CONTINUED ON SHEET NO. 6

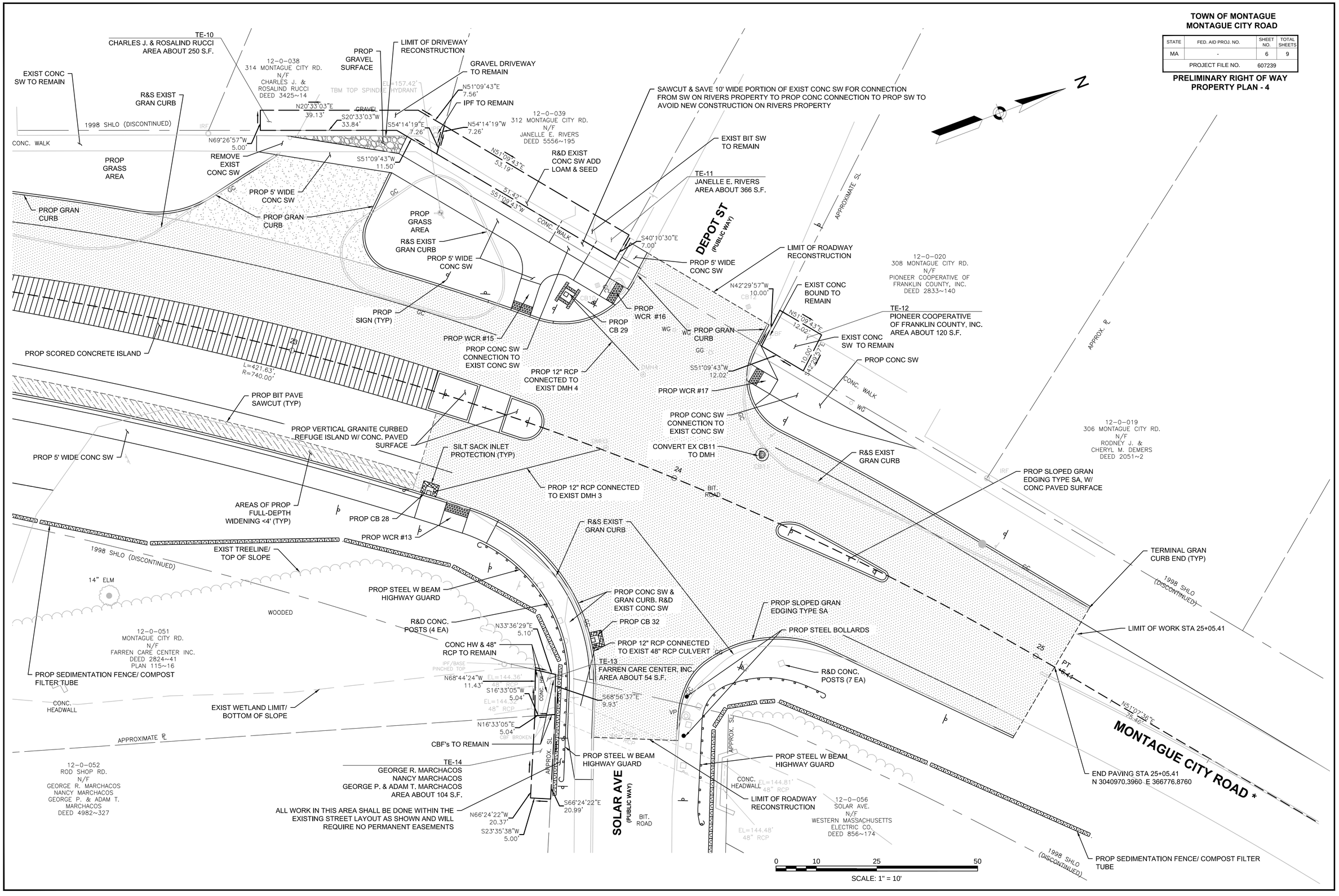
TOWN OF MONTAGUE
MONTAGUE CITY ROAD

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	6	9
PROJECT FILE NO.	607239		

PRELIMINARY RIGHT OF WAY PROPERTY PLAN - 4

25-Jul-2014

607239_RW(ROW-PLANS).DWG

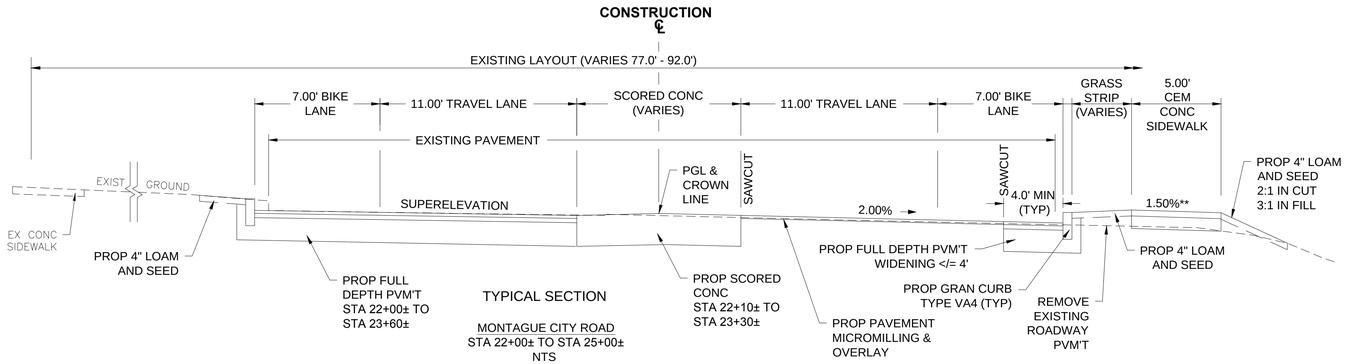


CONTINUED ON SHEET NO. 5

TOWN OF MONTAGUE
MONTAGUE CITY ROAD

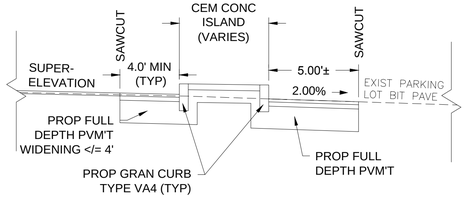
STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	7	9
PROJECT FILE NO.	607239		

PRELIMINARY RIGHT OF WAY
TYPICAL SECTIONS

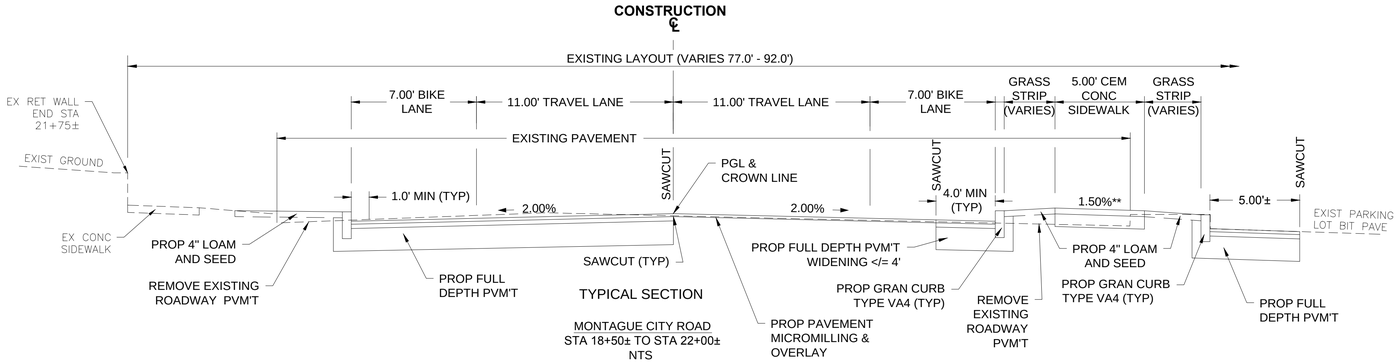


TYPICAL SECTION

MONTAGUE CITY ROAD
STA 22+00± TO STA 25+00±
NTS

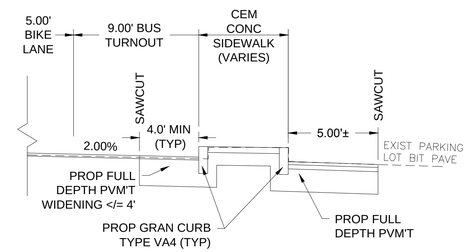


STA 22+30± TO STA 23+63±
STA 24+13± TO STA 24+56±

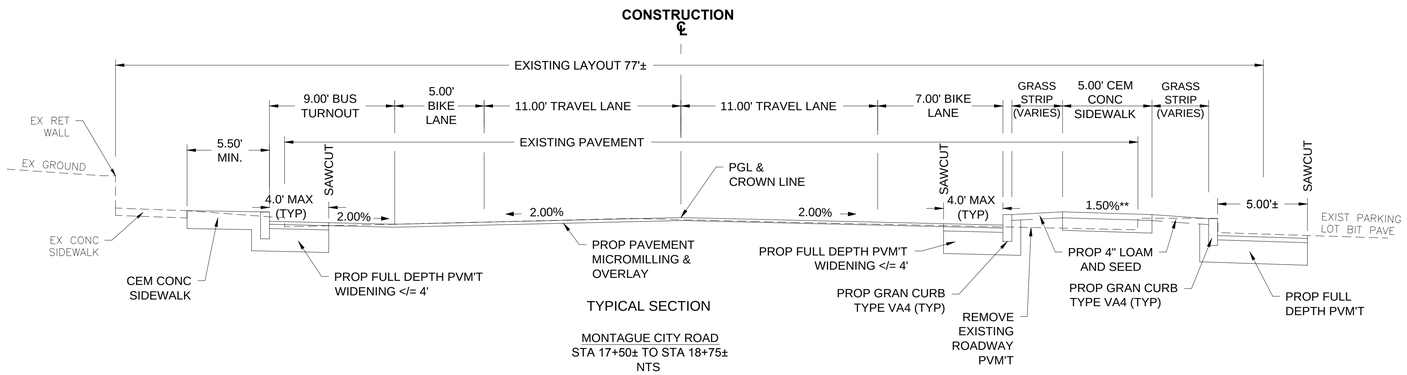


TYPICAL SECTION

MONTAGUE CITY ROAD
STA 18+50± TO STA 22+00±
NTS



STA 19+50± TO STA 20+90±



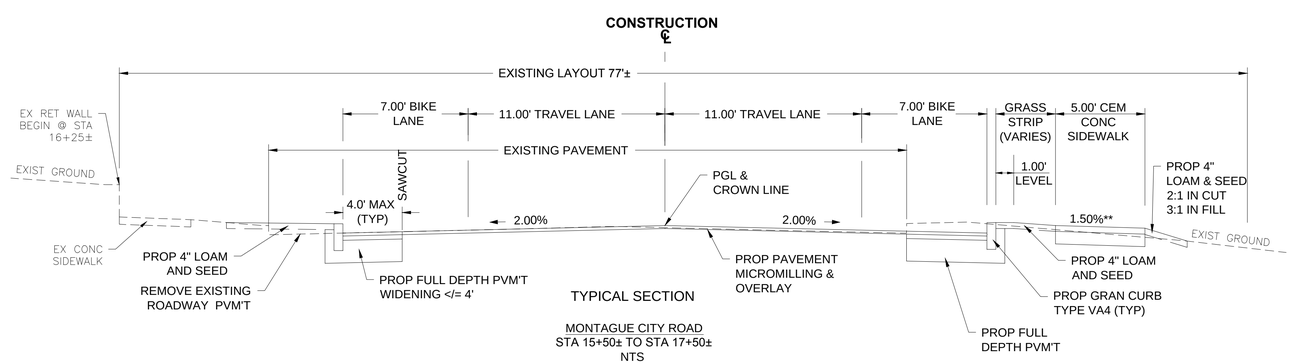
TYPICAL SECTION

MONTAGUE CITY ROAD
STA 17+50± TO STA 18+75±
NTS

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



TYPICAL SECTION

MONTAGUE CITY ROAD
STA 15+50± TO STA 17+50±
NTS

** TOLERANCE FOR CONSTRUCTION ±0.5%

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 FULL DEPTH WIDENING <= 4.0' & PAVEMENT REPLACEMENT @ CURB INSTALLATION LOCATIONS

1.5" SUPERPAVE SURFACE COURSE 9.5 (SSC-9.5) over
2" SUPERPAVE INTERMEDIATE COURSE 12.5 (SIC-12.5) over
6" HES CEMENT CONCRETE BASE COURSE 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 (VARIABLE)

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

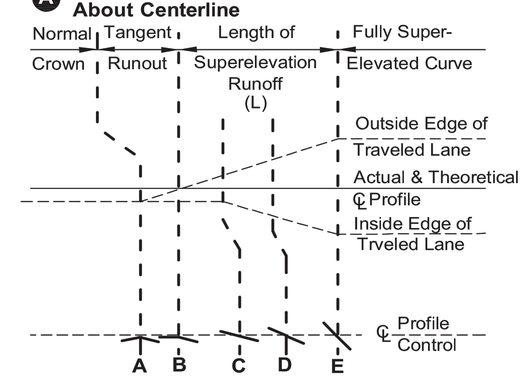
4" CEMENT CONCRETE AIR ENTRAINED 4000 PSI, 3/4", 610
8" GRAVEL BORROW, TYPE B OR EXISTING GRAVEL TO REMAIN

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.

A Crowned Pavement Revolved About Centerline



SUPERELEVATION TABLE

	START STA.	END STA.
RUNOUT	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

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NOTES:

1. CENTERLINE IS FOR THE PROPOSED WORK.

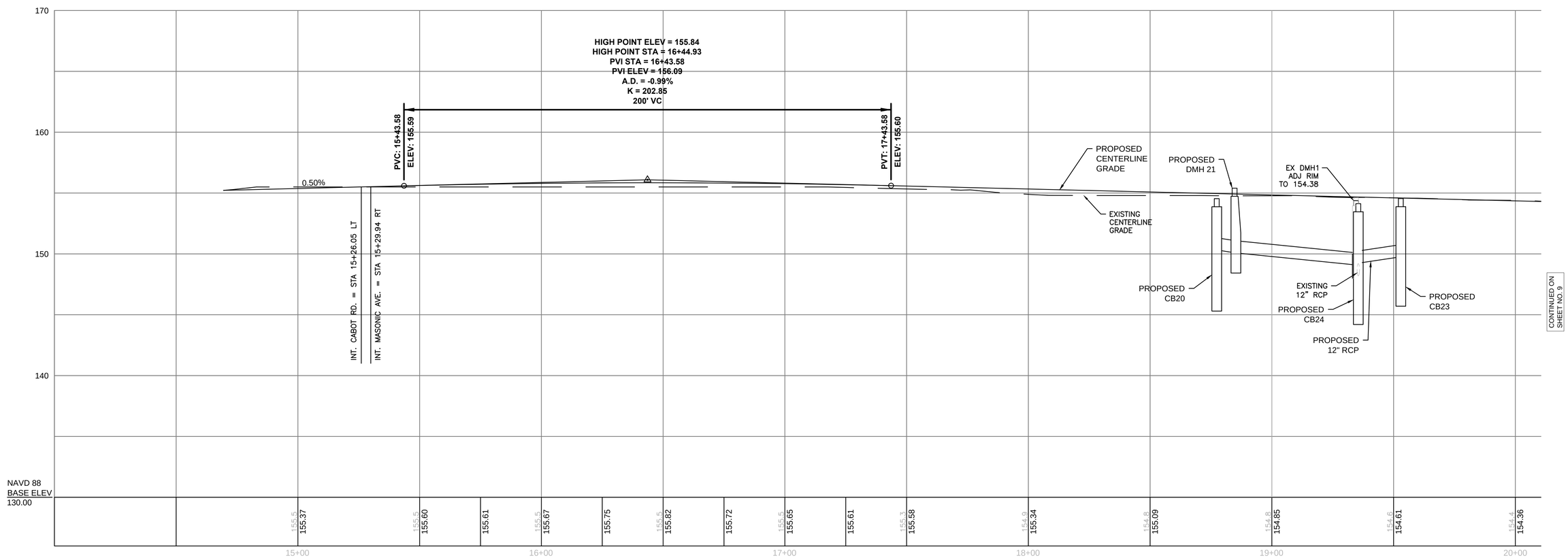
TOWN OF MONTAGUE
MONTAGUE CITY ROAD

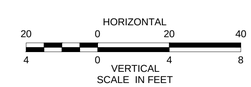
STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	8	9
PROJECT FILE NO.	607239		

PRELIMINARY RIGHT OF WAY
PROFILE - 1

607239_RW(ROW-PLANS).DWG 25-Jul-2014

CL-PROP-75-DOT





NOTES:

1. CENTERLINE IS FOR THE PROPOSED WORK.

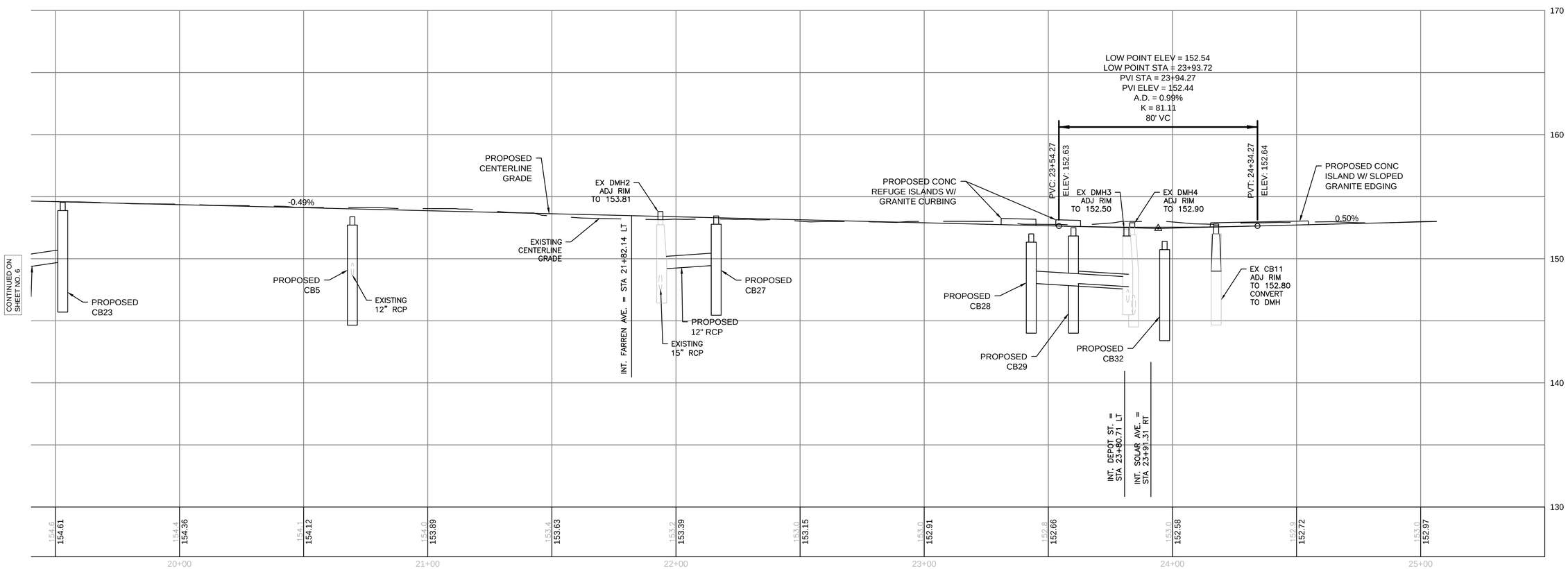
TOWN OF MONTAGUE
MONTAGUE CITY ROAD

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	9	9
PROJECT FILE NO.	607239		

PRELIMINARY RIGHT OF WAY
PROFILE - 2

607239_RW(ROW-PLANS).DWG 25-Jul-2014

CL-PROP-75-DOT



Temp. Benchmark #3
Fire Hydrant
Top Spindle
Elevation = 157.42'
Sta. 23+25.56, 42.80' LT

HORIZONTAL
20 0 20 40
4 0 4 8
VERTICAL
SCALE IN FEET