NOTES:

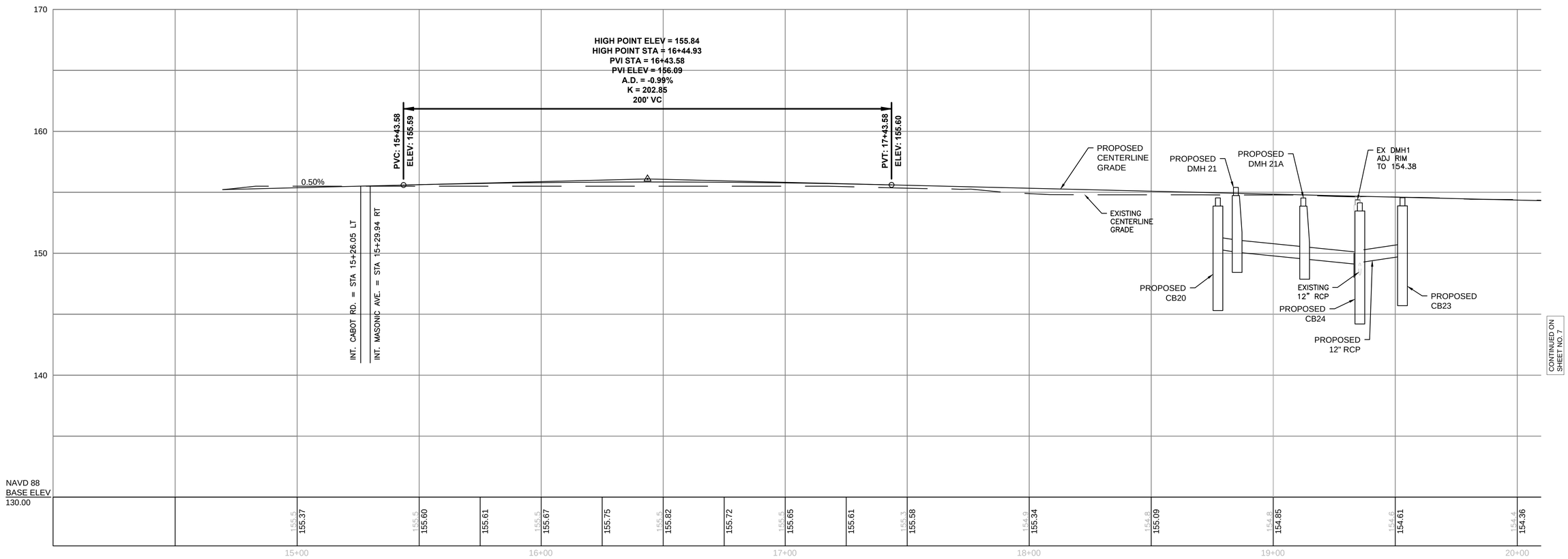
1. CENTERLINE IS FOR THE PROPOSED WORK.

TOWN OF MONTAGUE
MONTAGUE CITY ROAD

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	6	29
PROJECT FILE NO.	607239		

PROFILE - 1

CL-PROP-75-DOT



CONTINUED ON SHEET NO. 7

Temp. Benchmark #1
Fire Hydrant
Top Spindle
Elevation = 158.57'
Sta. 15+51.57, 22.88' LT

Temp. Benchmark #2
Fire Hydrant
Top Spindle
Elevation = 157.80'
Sta. 18+44.06, 29.10' LT

FOR CONSTRUCTION PLANS:
SEE SHEET NO. 4

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

607239_HD(PROFILE).DWG 19-Nov-2014

NOTES:

1. CENTERLINE IS FOR THE PROPOSED WORK.

TOWN OF MONTAGUE
MONTAGUE CITY ROAD

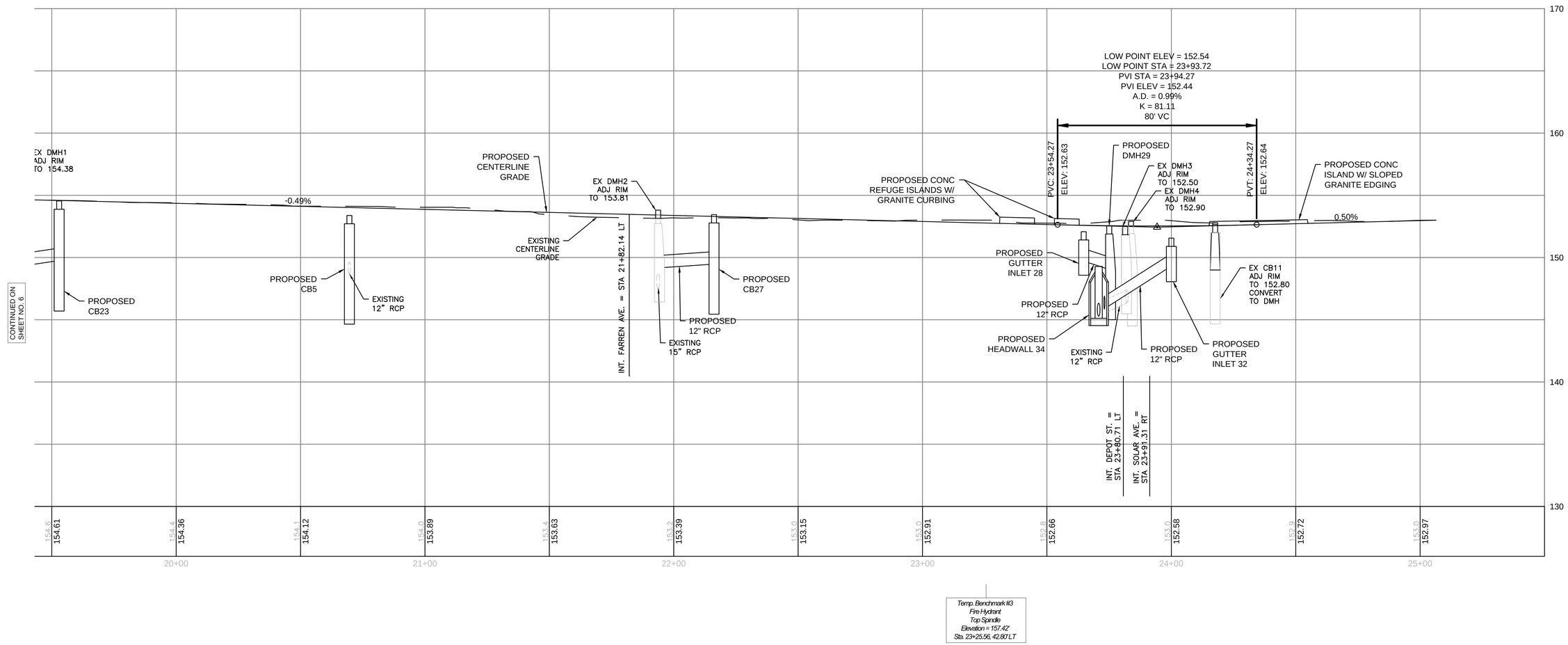
STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	7	29
PROJECT FILE NO.	607239		

PROFILE - 2

19-Nov-2014

607239_HD(PROFILE).DWG

CL-PROP-75-DOT



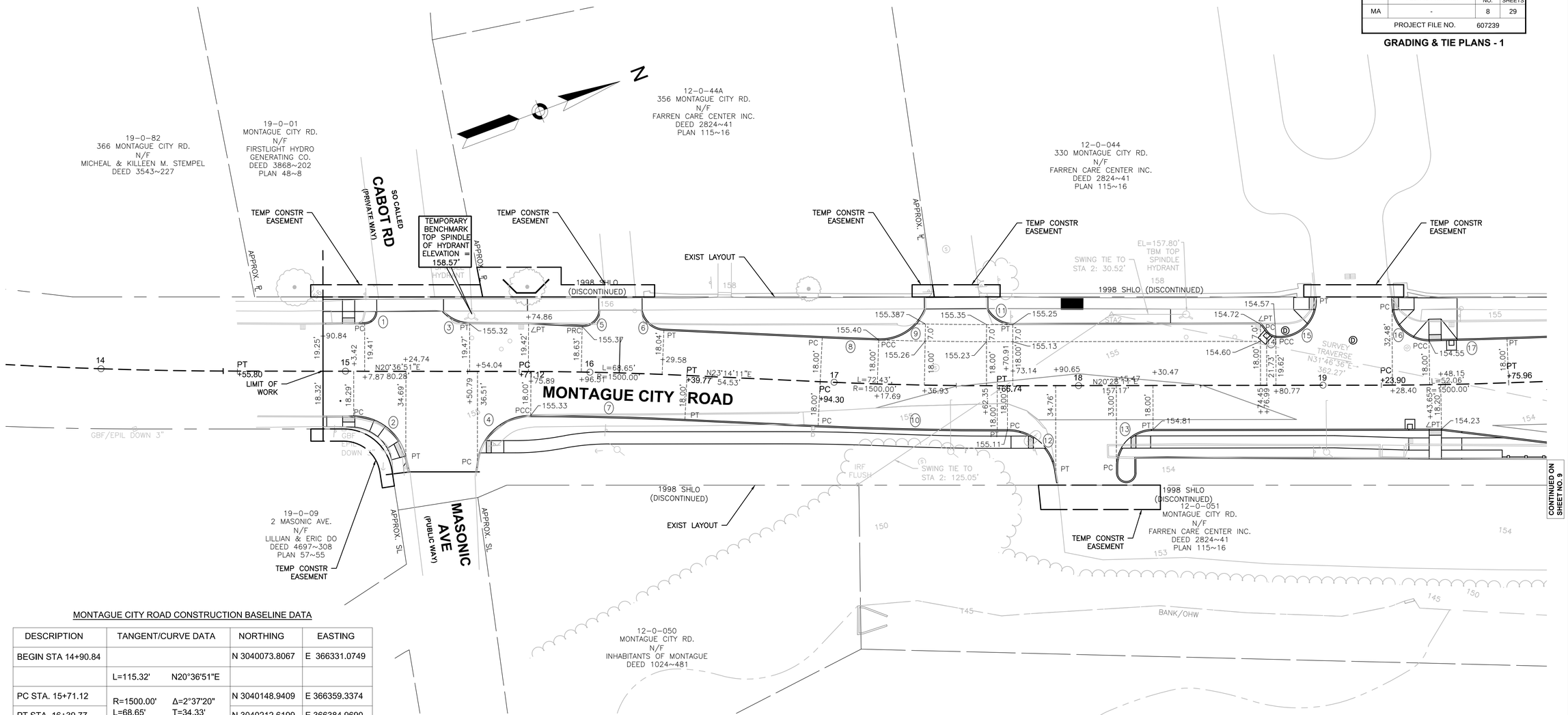
FOR CONSTRUCTION PLANS:
SEE SHEET NO. 5

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

TOWN OF MONTAGUE
MONTAGUE CITY ROAD

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	8	29
PROJECT FILE NO.	607239		

GRADING & TIE PLANS - 1



MONTAGUE CITY ROAD CONSTRUCTION BASELINE DATA

DESCRIPTION	TANGENT/CURVE DATA		NORTHING	EASTING
BEGIN STA 14+90.84			N 3040073.8067	E 366331.0749
	L=115.32'	N20°36'51"E		
PC STA. 15+71.12	R=1500.00' L=68.65'	Δ=2°37'20" T=34.33'	N 3040148.9409	E 366359.3374
PT STA. 16+39.77			N 3040212.6199	E 366384.9690
	L=54.53'	N23°14'11"E		
PC STA. 16+94.30	R=1500.00' L=72.43'	Δ=2°46'00" T=36.22'	N 3040262.7284	E 366406.4833
PT STA. 17+66.74			N 3040329.9515	E 366433.4429
	L=157.17'	N20°28'11"E		
PC STA. 19+23.90	R=1500.00' L=52.06'	Δ=1°59'18" T=26.03'	N 3040477.1939	E 366488.4058
PT STA. 19+75.96			N 3040526.2686	E 366505.7605
	L=108.85'	N18°28'53"E		
PC STA. 20+84.81	R=740.00' L=421.63'	Δ=32°38'43" T=216.71'	N 3040629.5024	E 366540.2646
PT STA. 25+06.44			N 3040971.0409	E 366777.6749
	L=75.46'	N51°07'36"E		
END STA. 25+81.90			N 3041018.4007	E 366836.4242

BOUND LOCATION - MONTAGUE CITY ROAD

STATION	OFFSET	NORTHING	EASTING
STA. 14+99.44	23.55' RT	N 3040073.560	E 366356.142
STA. 23+93.42	65.03' RT	N 3040849.848	E 366743.474
STA. 24+07.41	41.35' LT	N 3040932.369	E 366674.950

SURVEY TRAVERSE DATA

POINT	ELEVATION	NORTHING	EASTING	DESCRIPTION
2	155.65	N 3040383.988	E 366422.525	SPIKE
30	152.17	N 3040691.955	E 366613.299	SPIKE
3	153.38	N 3040935.815	E 366710.329	SPIKE

CURVE TABLE

CURVE	RADIUS	LENGTH	DELTA
1	5.00'	7.83'	89°47'53"
2	22.00'	28.94'	75°22'07"
3	15.00'	12.42'	47°26'36"
4	22.00'	31.12'	81°02'27"
5	7.00'	10.94'	89°32'04"
6	10.00'	13.12'	75°11'20"
7	1482.00'	63.11'	2°26'23"
8	1482.00'	23.11'	0°53'36"
9	20.00'	24.55'	70°19'37"

CURVE TABLE

CURVE	RADIUS	LENGTH	DELTA
10	1518.00'	73.30'	2°46'00"
11	12.00'	13.21'	63°03'48"
12	20.00'	28.16'	80°40'33"
13	15.00'	23.56'	90°00'00"
14	5.50'	4.45'	46°22'47"
15	15.00'	26.52'	101°17'54"
16	15.00'	23.05'	88°02'26"
17	1482.00'	31.92'	1°14'02"

FOR PROFILE: SEE SHEET NO. 6

20 0 20 40
SCALE IN FEET

607239_HD(CURB-TIES).DWG 19-Nov-2014

TOWN OF MONTAGUE
MONTAGUE CITY ROAD

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	9	29
PROJECT FILE NO.	607239		

GRADING & TIE PLANS - 2

607239_HD(CURB-TIES).DWG 19-Nov-2014

BOUND LOCATION - MONTAGUE CITY ROAD

STATION	OFFSET	NORTHING	EASTING
STA. 14+99.44	23.55' RT	N 3040073.560	E 366356.142
STA. 23+93.42	65.03' RT	N 3040849.848	E 366743.474
STA. 24+07.41	41.35' LT	N 3040932.369	E 366674.950

SURVEY TRAVERSE DATA

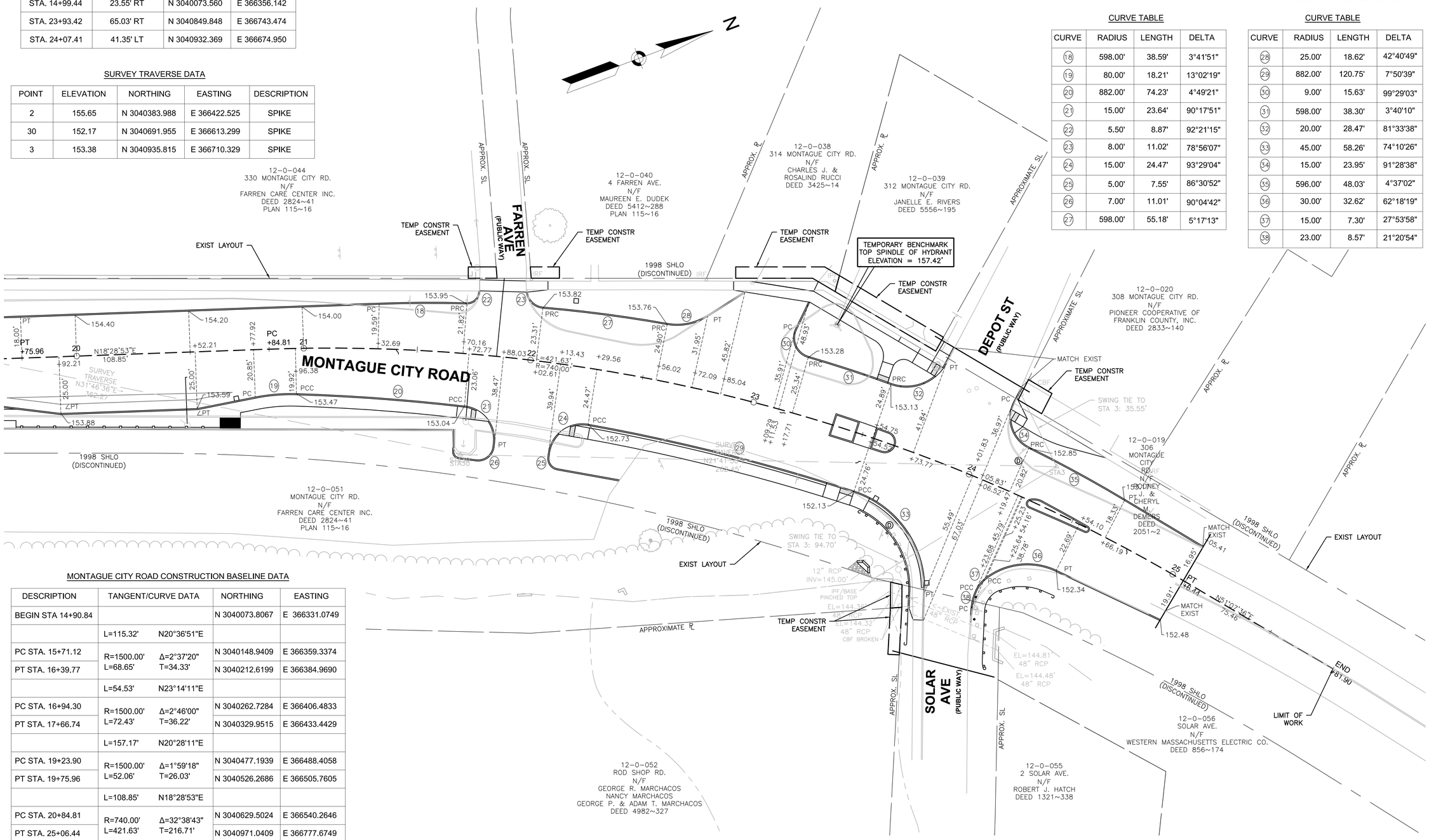
POINT	ELEVATION	NORTHING	EASTING	DESCRIPTION
2	155.65	N 3040383.988	E 366422.525	SPIKE
30	152.17	N 3040691.955	E 366613.299	SPIKE
3	153.38	N 3040935.815	E 366710.329	SPIKE

CURVE TABLE

CURVE	RADIUS	LENGTH	DELTA
18	598.00'	38.59'	3°41'51"
19	80.00'	18.21'	13°02'19"
20	882.00'	74.23'	4°49'21"
21	15.00'	23.64'	90°17'51"
22	5.50'	8.87'	92°21'15"
23	8.00'	11.02'	78°56'07"
24	15.00'	24.47'	93°29'04"
25	5.00'	7.55'	86°30'52"
26	7.00'	11.01'	90°04'42"
27	598.00'	55.18'	5°17'13"

CURVE TABLE

CURVE	RADIUS	LENGTH	DELTA
28	25.00'	18.62'	42°40'49"
29	882.00'	120.75'	7°50'39"
30	9.00'	15.63'	99°29'03"
31	598.00'	38.30'	3°40'10"
32	20.00'	28.47'	81°33'38"
33	45.00'	58.26'	74°10'26"
34	15.00'	23.95'	91°28'38"
35	596.00'	48.03'	4°37'02"
36	30.00'	32.62'	62°18'19"
37	15.00'	7.30'	27°53'58"
38	23.00'	8.57'	21°20'54"



MONTAGUE CITY ROAD CONSTRUCTION BASELINE DATA

DESCRIPTION	TANGENT/CURVE DATA		NORTHING	EASTING
BEGIN STA 14+90.84			N 3040073.8067	E 366331.0749
	L=115.32'	N20°36'51"E		
PC STA. 15+71.12	R=1500.00' L=68.65'	Δ=2°37'20" T=34.33'	N 3040148.9409	E 366359.3374
PT STA. 16+39.77			N 3040212.6199	E 366384.9690
	L=54.53'	N23°14'11"E		
PC STA. 16+94.30	R=1500.00' L=72.43'	Δ=2°46'00" T=36.22'	N 3040262.7284	E 366406.4833
PT STA. 17+66.74			N 3040329.9515	E 366433.4429
	L=157.17'	N20°28'11"E		
PC STA. 19+23.90	R=1500.00' L=52.06'	Δ=1°59'18" T=26.03'	N 3040477.1939	E 366488.4058
PT STA. 19+75.96			N 3040526.2686	E 366505.7605
	L=108.85'	N18°28'53"E		
PC STA. 20+84.81	R=740.00' L=421.63'	Δ=32°38'43" T=216.71'	N 3040629.5024	E 366540.2646
PT STA. 25+06.44			N 3040971.0409	E 366777.6749
	L=75.46'	N51°07'36"E		
END STA. 25+81.90			N 3041018.4007	E 366836.4242

FOR PROFILE: SEE SHEET NO. 7

20 0 20 40
SCALE IN FEET

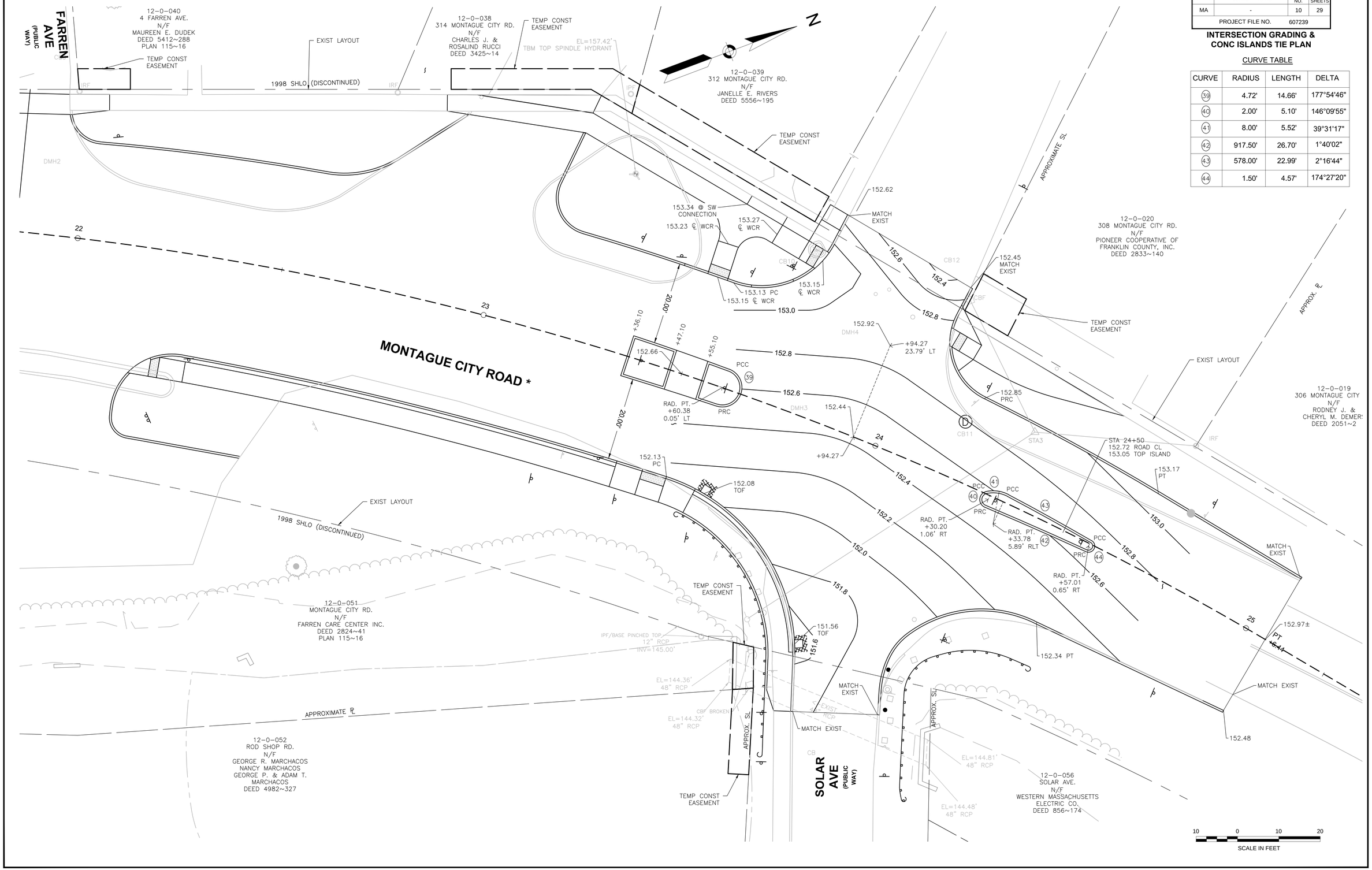
TOWN OF MONTAGUE
MONTAGUE CITY ROAD

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	10	29
PROJECT FILE NO.	607239		

INTERSECTION GRADING & CONC ISLANDS TIE PLAN

CURVE TABLE

CURVE	RADIUS	LENGTH	DELTA
39	4.72'	14.66'	177°54'46"
40	2.00'	5.10'	146°09'55"
41	8.00'	5.52'	39°31'17"
42	917.50'	26.70'	1°40'02"
43	578.00'	22.99'	2°16'44"
44	1.50'	4.57'	174°27'20"



607239_HD(CURB-TIES).DWG 19-Nov-2014

NOTES:

DYCL	DOUBLE YELLOW CENTER LINE (4 INCH REFLECTORIZED THERMOPLASTIC)
DWLL	DOTTED WHITE LANE LINE (4 INCH REFLECTORIZED THERMOPLASTIC) (2' LINE, 6' SPACE)
SWEL	SOLID WHITE EDGE LINE (4 INCH REFLECTORIZED THERMOPLASTIC)
SWLL	SOLID WHITE LANE LINE (4 INCH REFLECTORIZED THERMOPLASTIC)
SYEL	SOLID YELLOW EDGE LINE (4 INCH REFLECTORIZED THERMOPLASTIC)

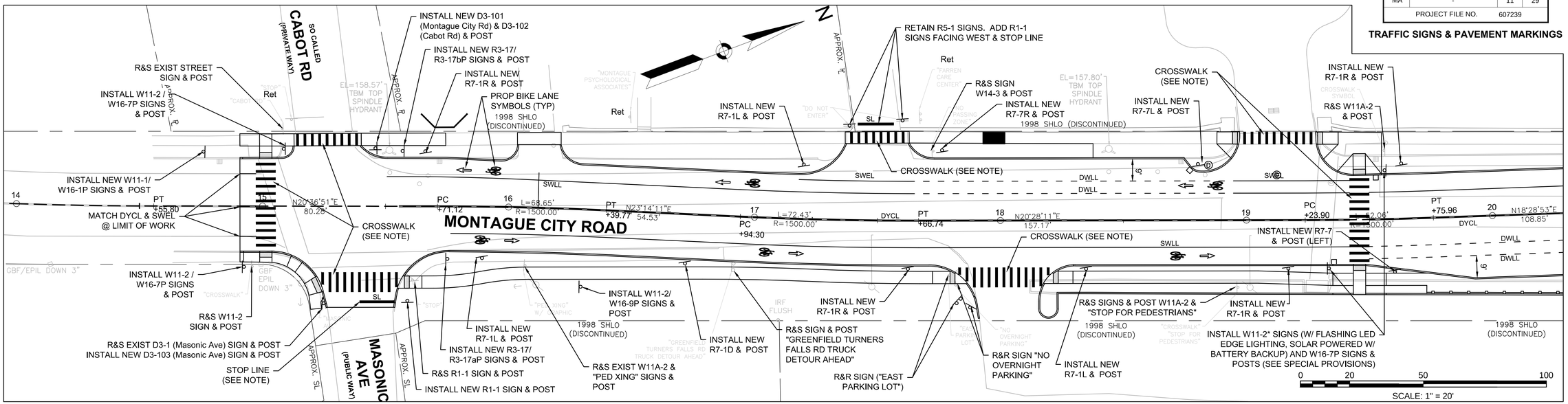
CROSSWALK — PROPOSED 12" REFLECTORIZED WHITE THERMOPLASTIC CROSSWALK LINES @ 3'-0" O.C.

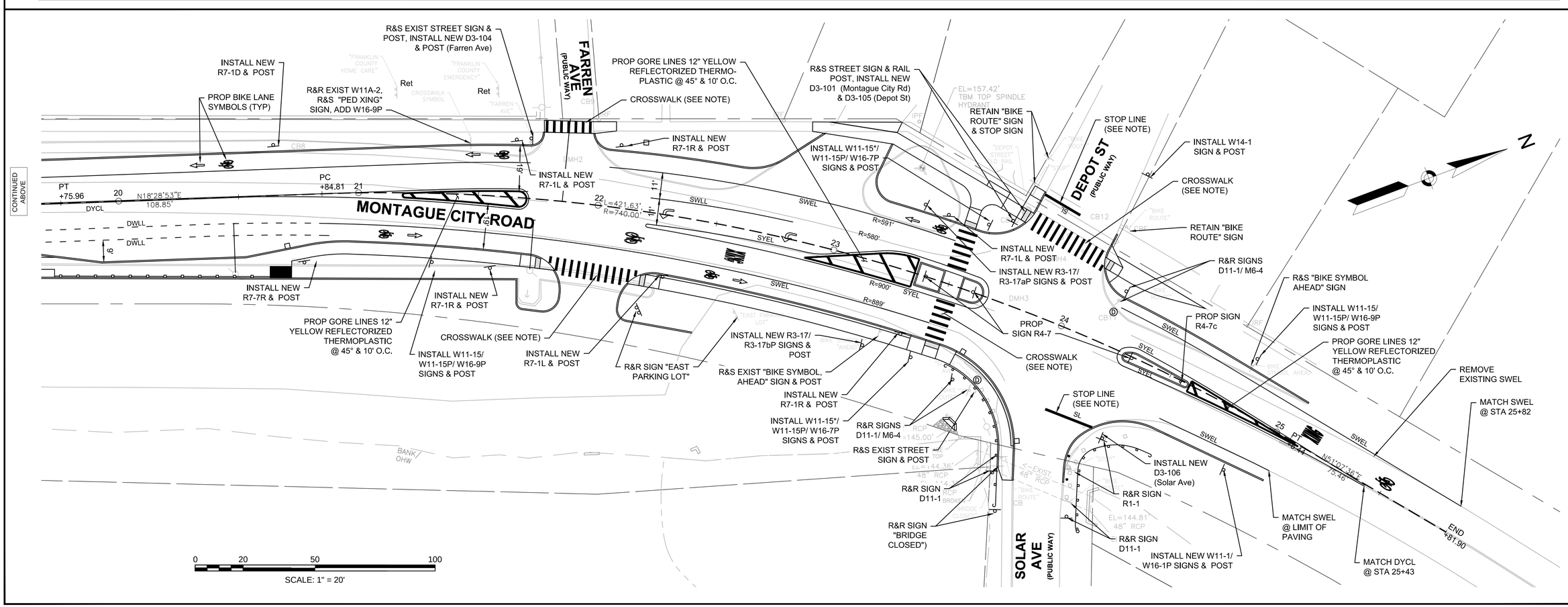
STOP LINE (SL) — PROPOSED 12" REFLECTORIZED WHITE THERMOPLASTIC STOP LINE

TOWN OF MONTAGUE
MONTAGUE CITY ROAD

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	11	29
PROJECT FILE NO.	607239		

TRAFFIC SIGNS & PAVEMENT MARKINGS





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