SPENCER
MAIN STREET

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	----	15	34
PROJECT FILE NO.	606207		

TRAFFIC PLANS

606207_TRFTSIG.DWG 11-Feb-2015

CONSTRUCTION NOTES

1. SEE SHEET 16 FOR TRAFFIC SIGNAL DATA.
2. REMOVE ALL EXISTING TS EQUIPMENT, AND ABANDON ALL TS CONDUIT UNLESS OTHERWISE NOTED.
3. EACH LOOP GROUP SHALL BE SPLICED IN SINGLE PULL BOX AND WIRED TO SEPARATE CONTROLLER INPUT.
4. PULL BOXES SHALL BE ADJACENT TO CURB UNLESS OTHERWISE NOTED AND SHALL NOT BE LOCATED IN WHEELCHAIR RAMPS.
5. ALL PAVEMENT MARKINGS SHALL BE REFLECTORIZED THERMOPLASTIC.
6. WHERE EXISTING PAVEMENT MARKINGS ARE DIFFERENT THAN PROPOSED MARKINGS SHOWN, REMOVE BY AN APPROVED METHOD.
7. THE TOP OF ALL MAST ARM FOUNDATIONS IN SIDEWALK AREAS SHALL BE LOCATED 3"± BELOW FINISH GRADE. THE TOP OF THE FOUNDATION SHALL NOT BE EXPOSED TO THE SIDEWALK.
8. THE TOP OF ALL MAST ARM FOUNDATIONS SHALL BE LOCATED 2"± ABOVE FINISHED GRADE.
9. ALL EXISTING SIGNS WITHIN THE PROJECT LIMITS SHALL BE R&S UNLESS OTHERWISE NOTED.
10. TS POST/POLE, WITH PEDESTRIAN PUSH BUTTON, NOT LOCATED WITHIN A PAVED SURFACE SHALL BE POSITIONED SO AS TO PROVIDE A 10" MAX CLEAR REACH ZONE BETWEEN THE PEDESTRIAN PUSH BUTTON AND THE PAVED SURFACE PER 521 CMR AND AS SHOWN IN THE CONSTRUCTION DETAILS.

CONTINUED ON LEFT

CONTINUED ON UPPER RIGHT

CONTINUED ON SHEET TOWN LT

LIMIT OF WORK
STA 10+00.00
N:2914713.9900
E:522139.2632
MEET EXISTING MARKINGS

LIMIT OF WORK
STA 100+50.00
N:2914190.4787
E:521831.8589
MEET EXISTING MARKINGS

PLEASANT STREET

HIGH STREET

ELM STREET

MAIN STREET

WALL STREET

103+49.09 MAIN STREET=
14+49.79 PLEASANT STREET

SCALE: 1" = 20'

CONSTRUCTION NOTES

1. SEE SHEET 18 FOR TRAFFIC SIGNAL DATA.
2. REMOVE ALL EXISTING TS EQUIPMENT, AND ABANDON ALL TS CONDUIT UNLESS OTHERWISE NOTED.
3. EACH LOOP GROUP SHALL BE SPLICED IN SINGLE PULL BOX AND WIRED TO SEPARATE CONTROLLER INPUT.
4. PULL BOXES SHALL BE ADJACENT TO CURB UNLESS OTHERWISE NOTED AND SHALL NOT BE LOCATED IN WHEELCHAIR RAMPS.
5. ALL PAVEMENT MARKINGS SHALL BE REFLECTORIZED THERMOPLASTIC.
6. WHERE EXISTING PAVEMENT MARKINGS ARE DIFFERENT THAN PROPOSED MARKINGS SHOWN, REMOVE BY AN APPROVED METHOD.
7. THE TOP OF ALL MAST ARM FOUNDATIONS IN SIDEWALK AREAS SHALL BE LOCATED 3"± BELOW FINISH GRADE. THE TOP OF THE FOUNDATION SHALL NOT BE EXPOSED TO THE SIDEWALK.
8. THE TOP OF ALL MAST ARM FOUNDATIONS SHALL BE LOCATED 2"± ABOVE FINISHED GRADE.
9. ALL EXISTING SIGNS WITHIN THE PROJECT LIMITS SHALL BE R&S UNLESS OTHERWISE NOTED.
10. TS POST/POLE, WITH PEDESTRIAN PUSH BUTTON, NOT LOCATED WITHIN A PAVED SURFACE SHALL BE POSITIONED SO AS TO PROVIDE A 10" MAX CLEAR REACH ZONE BETWEEN THE PEDESTRIAN PUSH BUTTON AND THE PAVED SURFACE PER 521 CMR AND AS SHOWN IN THE CONSTRUCTION DETAILS

SPENCER
MAIN STREET

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	----	17	34
PROJECT FILE NO.	606207		

TRAFFIC PLANS

606207_TR(TSIG).DWG 11-Feb-2015

LIMIT OF WORK
STA 113+23.00
N:2914515.3996
E:523008.8016
MEET EXISTING MARKINGS

PROP TS 2 TYPE 1 CONTROLLER IN A TYPE 6 BASE MOUNTED CABINET W/FOUNDATION

PROP 10' TS POST W/PED SIGNAL HEAD W/APS PED PUSH BUTTON W/R10-3e(L) & SADDLE

PROP 8' TS POST W/PED SIGNAL HEAD W/APS PED PUSH BUTTON W/R10-3e(L) & SADDLE

PROP POWER SOURCE

PROP 10' TS POST

PROP 12' TS POST W/RRFB W/INFARED STEREO CAMERA DETECTION W/TWO W11-2, ONE W16-7P(R), ONE W16-7P(L) & ONE SP-1 W/SIDE OF POST MOUNTED CABINET (SEE CONSTRUCTION DETAIL)

PROP 8' TS POST W/PED SIGNAL HEADS W/APS PED PUSH BUTTONS W/R10-3e(R) & SADDLE

PROP TS POLE W/25' TS MAST ARM

PROP TEXTURIZED SYNTHETIC PVM'T AT CROSSWALKS SEE SHEET 24 FOR DETAILS

PROP TS POLE W/20' TS MAST ARM W/ D3-1, D3-7 W/PED SIGNAL HEADS W/APS PED PUSH BUTTONS W/R10-3e(R) & SADDLE

PROP PRE-EMPTION DETECTOR (TYP)

PROP TEXTURIZED SYNTHETIC PVM'T AT CROSSWALKS SEE SHEET 25 FOR DETAILS

PROP 10' TS POST W/PED SIGNAL HEAD W/APS PED PUSH BUTTON W/R10-3e(L) & SADDLE

PROP 10' TS POST W/PED SIGNAL HEAD W/APS PED PUSH BUTTON W/R10-3e(R) & SADDLE

PROP 12' TS POST W/RRFB W/INFARED STEREO CAMERA DETECTION W/TWO W11-2, ONE W16-7P(R), ONE W16-7P(L) & ONE SP-1

MAIN STREET

MUNICIPAL DRIVE

MECHANIC STREET

MAPLE STREET

1856 TOWN LAYOUT

1851 TOWN LAYOUT

1863 TOWN LAYOUT

SCALE: 1" = 20'

CONTINUED BELOW RIGHT

CONTINUED ABOVE LEFT

CONTINUED ON SHEET NO.15

MAIN STREET CONSTRUCTION BASELINE DATA

STARTING STATION	NORTHING	EASTING	CURVE DATA	LINE DATA	ENDING STATION	NORTHING	EASTING
100+00.00	2914177.390	521783.602		N74° 49' 30"E 359.16'	103+59.16	2914271.406	522130.235
103+59.16	2914271.406	522130.235	R=700.00' Δ=8°28'01" L=103.44' T=51.82'		104+62.60	2914291.022	522231.705
104+62.60	2914291.022	522231.705	R=1000.00' Δ=9°29'13" L=165.58' T=82.98'		106+28.18	2914296.692	522396.999

PLEASANT STREET CONSTRUCTION BASELINE DATA

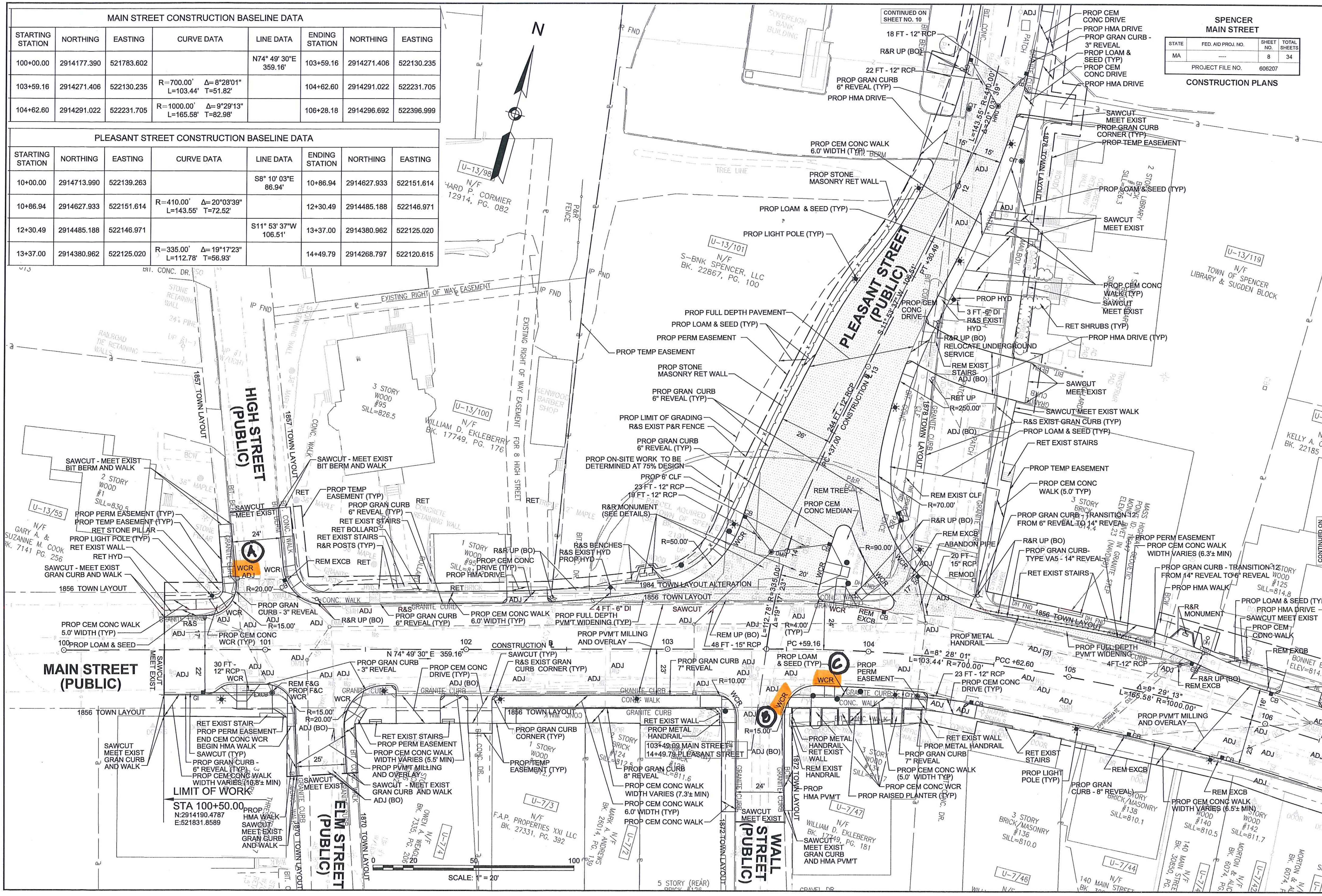
STARTING STATION	NORTHING	EASTING	CURVE DATA	LINE DATA	ENDING STATION	NORTHING	EASTING
10+00.00	2914713.990	522139.263		S8° 10' 03"E 86.94'	10+86.94	2914627.933	522151.614
10+86.94	2914627.933	522151.614	R=410.00' Δ=20°03'39" L=143.55' T=72.52'		12+30.49	2914485.188	522146.971
12+30.49	2914485.188	522146.971		S11° 53' 37"W 106.51'	13+37.00	2914380.962	522125.020
13+37.00	2914380.962	522125.020	R=335.00' Δ=19°17'23" L=112.78' T=56.93'		14+49.79	2914268.797	522120.615

SPENCER
MAIN STREET

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	----	8	34
	PROJECT FILE NO.	606207	

CONSTRUCTION PLANS

606207_HD(GEN).DWG 11-Feb-2015



MAIN STREET CONSTRUCTION BASELINE DATA							
STARTING STATION	NORTHING	EASTING	CURVE DATA	LINE DATA	ENDING STATION	NORTHING	EASTING
100+00.00	2914177.390	521783.602		N74° 49' 30"E 359.16'	103+59.16	2914271.406	522130.235
103+59.16	2914271.406	522130.235	R=700.00' Δ=8°28'01" L=103.44' T=51.82'		104+62.60	2914291.022	522231.705
104+62.60	2914291.022	522231.705	R=1000.00' Δ=9°29'13" L=165.58' T=82.98'		106+28.18	2914296.692	522396.999
106+28.18	2914296.692	522396.999		S87° 13' 16"E 238.26'	108+66.44	2914285.141	522634.978
108+66.44	2914285.141	522634.978	R=315.00' Δ=48°19'00" L=265.64' T=141.29'		111+32.07	2914379.133	522875.069
111+32.07	2914379.133	522875.069		N44° 27' 44"E 217.93'	113+50.00	2914534.670	523027.713

SPENCER
MAIN STREET

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	----	9	34
PROJECT FILE NO.	606207		

CONSTRUCTION PLANS

606207_HDGEN.DWG 11-Feb-2015

N

0 20 50 100

SCALE: 1" = 20'