

HIGHWAY GUARD DETAILS

NONE

TRAFFIC SIGNAL CONDUIT

NONE

WATER SUPPLY ALTERATIONS

NONE

DRAINAGE DETAILS

BY OTHERS

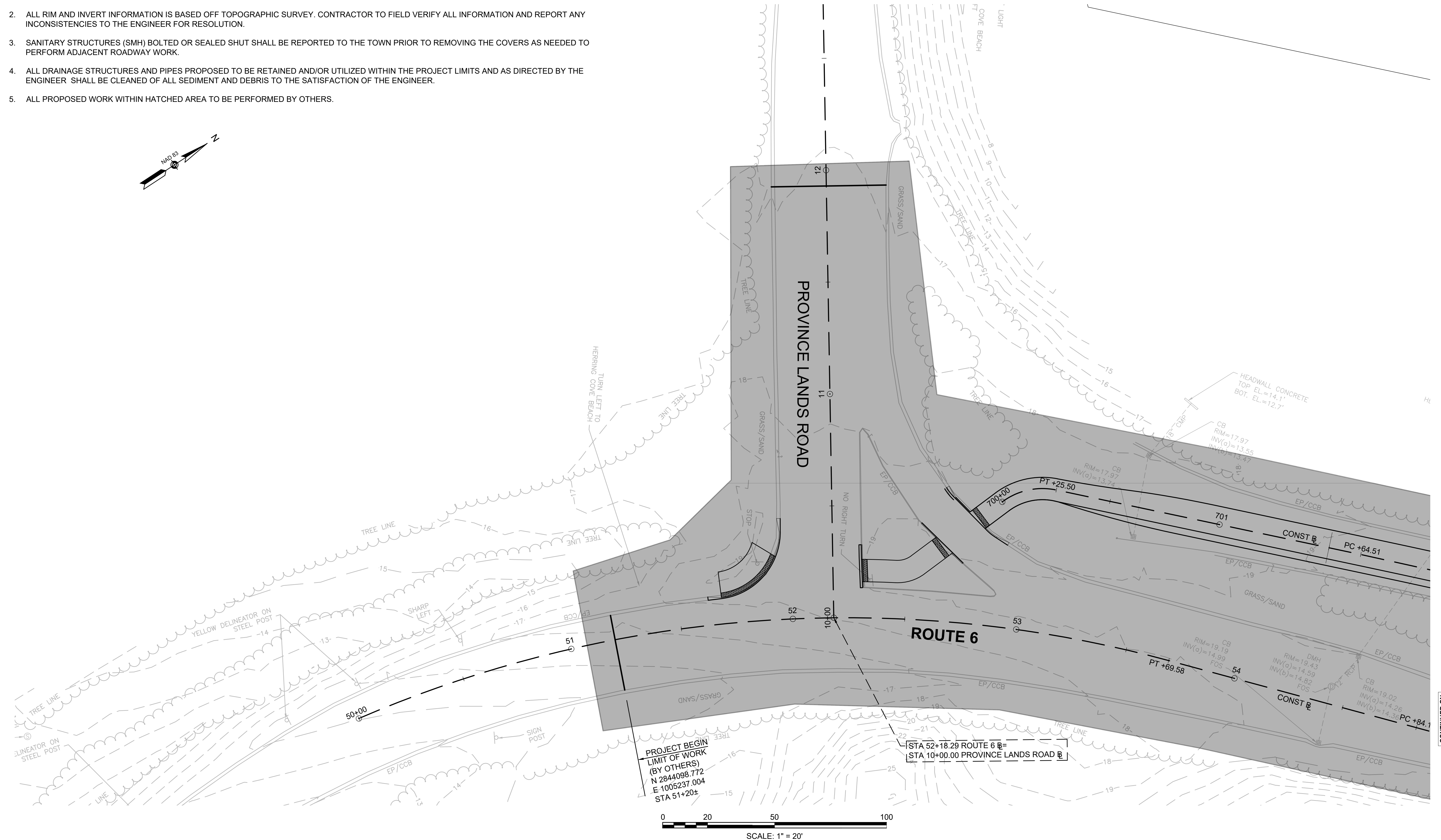
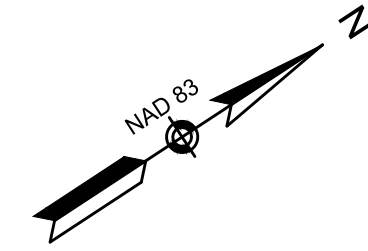
PROVINCETOWN
SHANK PAINTER ROAD & ROUTE 6

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	130	293
PROJECT FILE NO. 608744			

UTILITY PLANS - 01

NOTES:

1. ALL STATIONS AND OFFSETS ARE MEASURED AT THE CENTER OF STRUCTURES.
2. ALL RIM AND INVERT INFORMATION IS BASED OFF TOPOGRAPHIC SURVEY. CONTRACTOR TO FIELD VERIFY ALL INFORMATION AND REPORT ANY INCONSISTENCIES TO THE ENGINEER FOR RESOLUTION.
3. SANITARY STRUCTURES (SMH) BOLTED OR SEALED SHUT SHALL BE REPORTED TO THE TOWN PRIOR TO REMOVING THE COVERS AS NEEDED TO PERFORM ADJACENT ROADWAY WORK.
4. ALL DRAINAGE STRUCTURES AND PIPES PROPOSED TO BE RETAINED AND/OR UTILIZED WITHIN THE PROJECT LIMITS AND AS DIRECTED BY THE ENGINEER SHALL BE CLEANED OF ALL SEDIMENT AND DEBRIS TO THE SATISFACTION OF THE ENGINEER.
5. ALL PROPOSED WORK WITHIN HATCHED AREA TO BE PERFORMED BY OTHERS.



PROJECT BEGIN
LIMIT OF WORK
(BY OTHERS)
N 2844098.772
E 1005237.004
STA 51+20±

STA 52+18.29 ROUTE 6
STA 10+00.00 PROVINCE LANDS ROAD

CONTINUED ON
SHEET NO. 131

HIGHWAY GUARD DETAILS

NONE

TRAFFIC SIGNAL CONDUIT

NONE

WATER SUPPLY ALTERATIONS

NONE

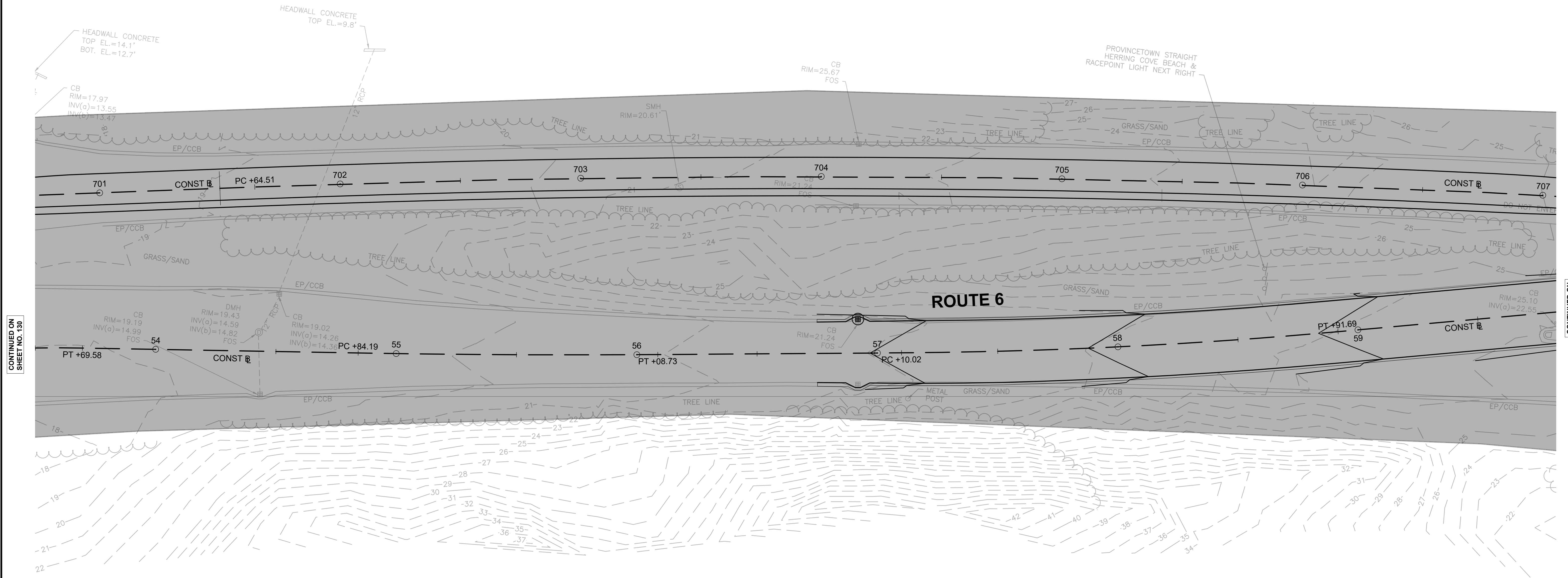
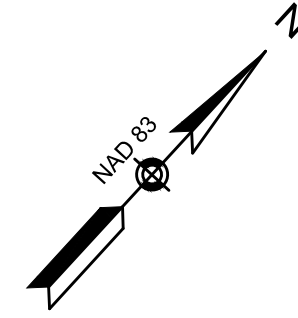
DRAINAGE DETAILS

BY OTHERS

PROVINCETOWN
SHANK PAINTER ROAD & ROUTE 6

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	131	293
PROJECT FILE NO.		608744	

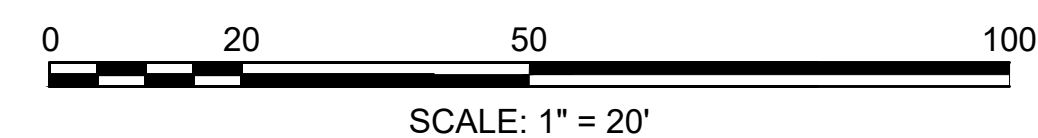
UTILITY PLANS - 02



CONTINUED ON SHEET NO. 130

CONTINUED ON SHEET NO. 132

- NOTES:
1. ALL STATIONS AND OFFSETS ARE MEASURED AT THE CENTER OF STRUCTURES.
 2. ALL RIM AND INVERT INFORMATION IS BASED OFF TOPOGRAPHIC SURVEY. CONTRACTOR TO FIELD VERIFY ALL INFORMATION AND REPORT ANY INCONSISTENCIES TO THE ENGINEER FOR RESOLUTION.
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HIGHWAY GUARD DETAILS

NONE

TRAFFIC SIGNAL CONDUIT

NONE

WATER SUPPLY ALTERATIONS

NONE

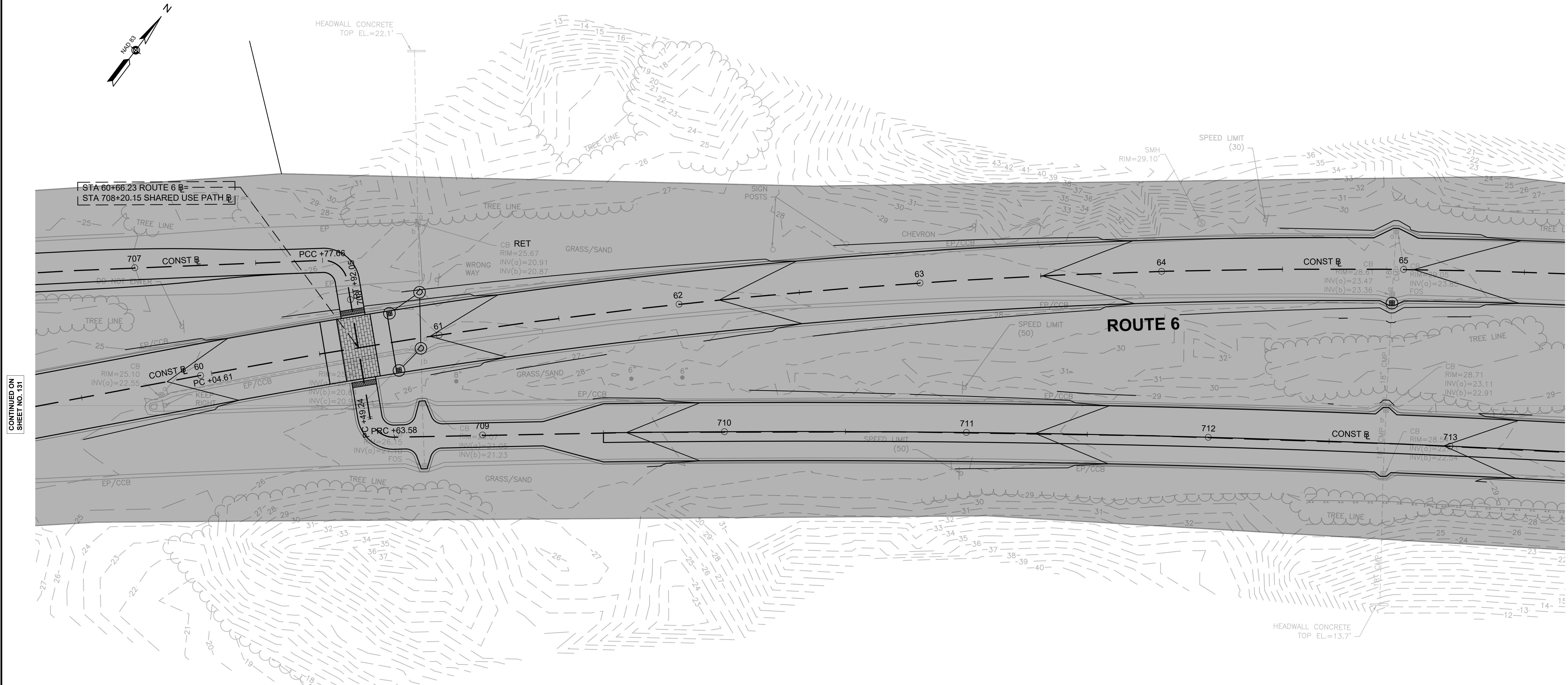
DRAINAGE DETAILS

BY OTHERS

PROVINCETOWN
SHANK PAINTER ROAD & ROUTE 6

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	132	293
PROJECT FILE NO.		608744	

UTILITY PLANS - 03

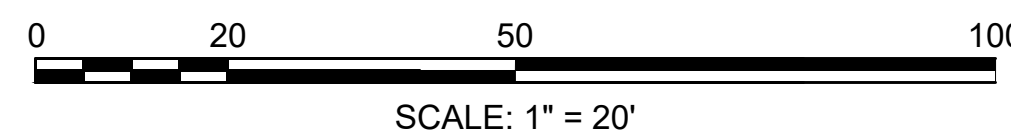


CONTINUED ON
SHEET NO. 131

CONTINUED ON
SHEET NO. 133

NOTES:

1. ALL STATIONS AND OFFSETS ARE MEASURED AT THE CENTER OF STRUCTURES.
2. ALL RIM AND INVERT INFORMATION IS BASED OFF TOPOGRAPHIC SURVEY. CONTRACTOR TO FIELD VERIFY ALL INFORMATION AND REPORT ANY INCONSISTENCIES TO THE ENGINEER FOR RESOLUTION.
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HIGHWAY GUARD DETAILS

NONE

TRAFFIC SIGNAL CONDUIT

NONE

WATER SUPPLY ALTERATIONS

NONE

DRAINAGE DETAILS

BY OTHERS

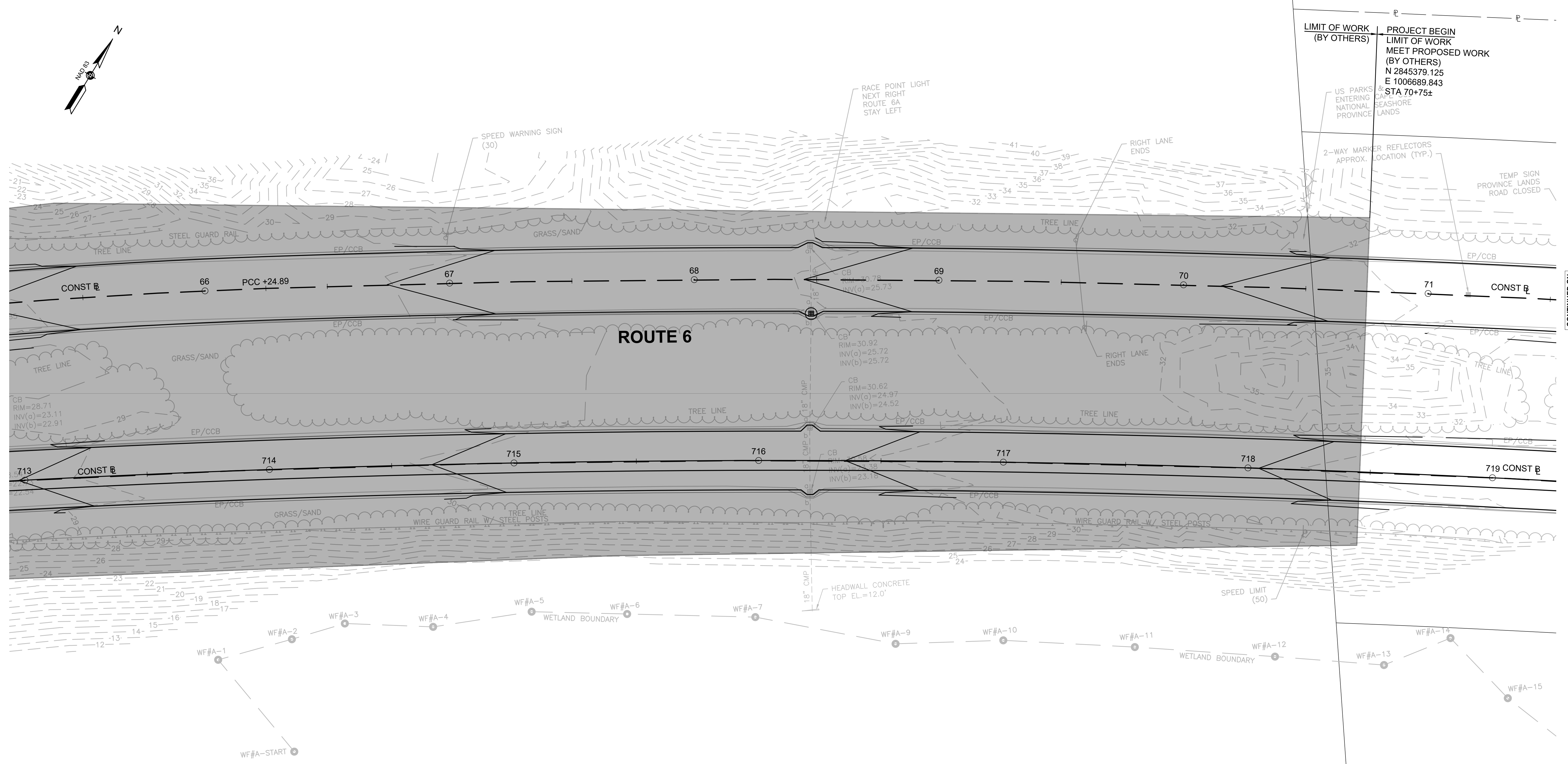
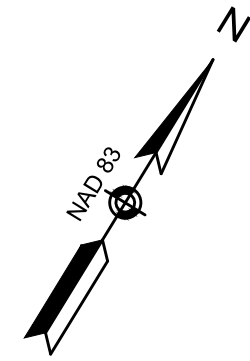
NOTES:

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PROVINCETOWN
SHANK PAINTER ROAD & ROUTE 6

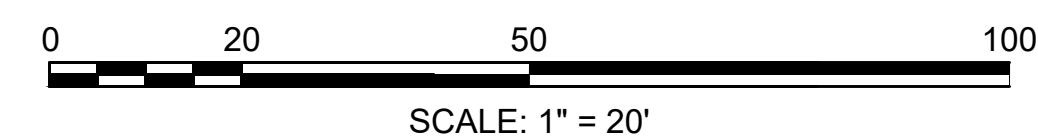
STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	133	293
PROJECT FILE NO. 608744			

UTILITY PLANS - 04



CONTINUED ON SHEET NO. 132

CONTINUED ON SHEET NO. 134



HIGHWAY GUARD DETAILS

NONE

TRAFFIC SIGNAL CONDUIT

NONE

WATER SUPPLY ALTERATIONS

NONE

DRAINAGE DETAILS

SEE BELOW

NOTES:

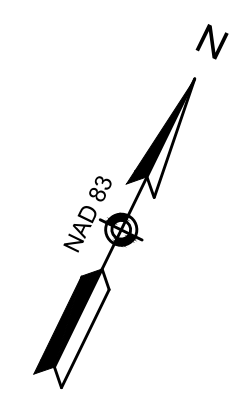
1. ALL STATIONS AND OFFSETS ARE MEASURED AT THE CENTER OF STRUCTURES.
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PROVINCETOWN
SHANK PAINTER ROAD & ROUTE 6

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	134	206
PROJECT FILE NO.		608744	

UTILITY PLANS - 05

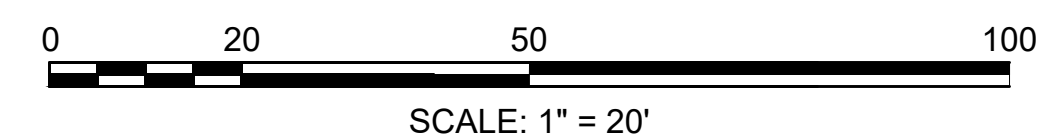
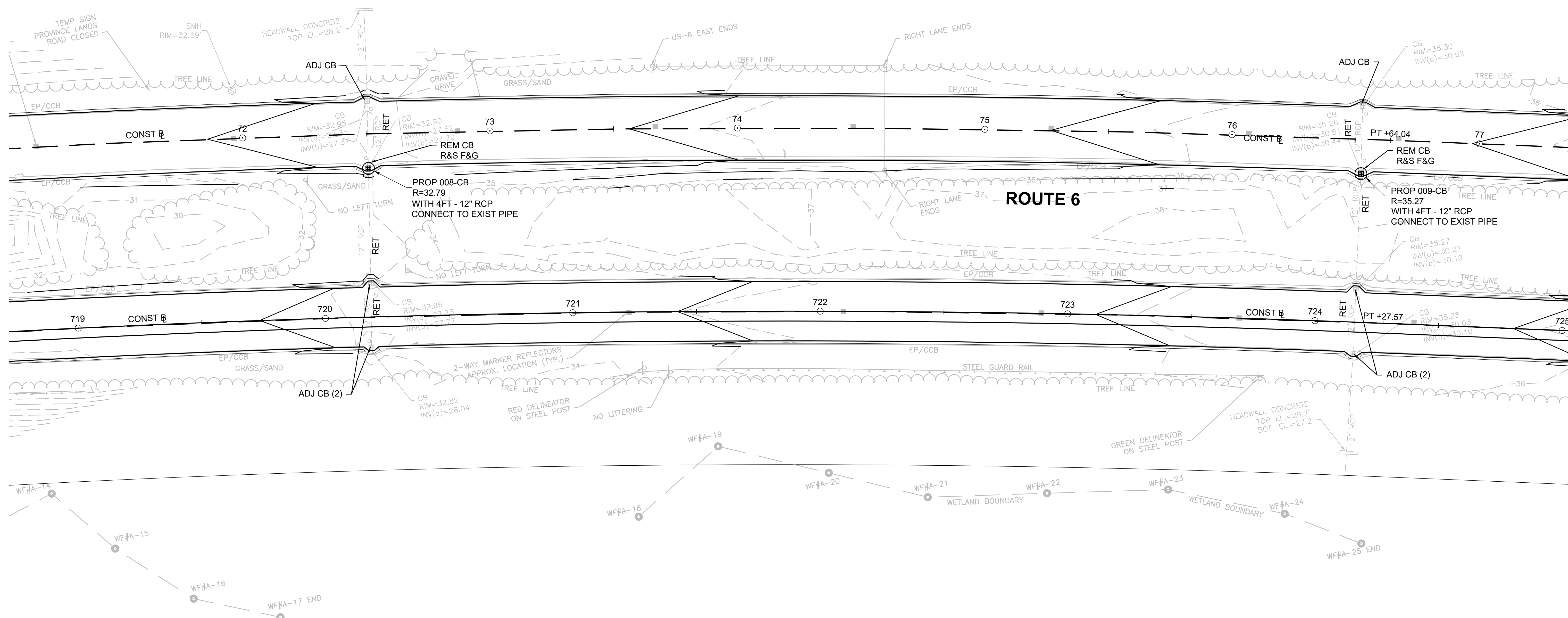
APPROXIMATE P/L TYP.



CONTINUED ON SHEET NO. 133

CONTINUED ON SHEET NO. 135

ROUTE 6



SCALE: 1" = 20'

HIGHWAY GUARD DETAILS

NONE

TRAFFIC SIGNAL CONDUIT

NONE

WATER SUPPLY ALTERATIONS

NONE

DRAINAGE DETAILS

SEE BELOW

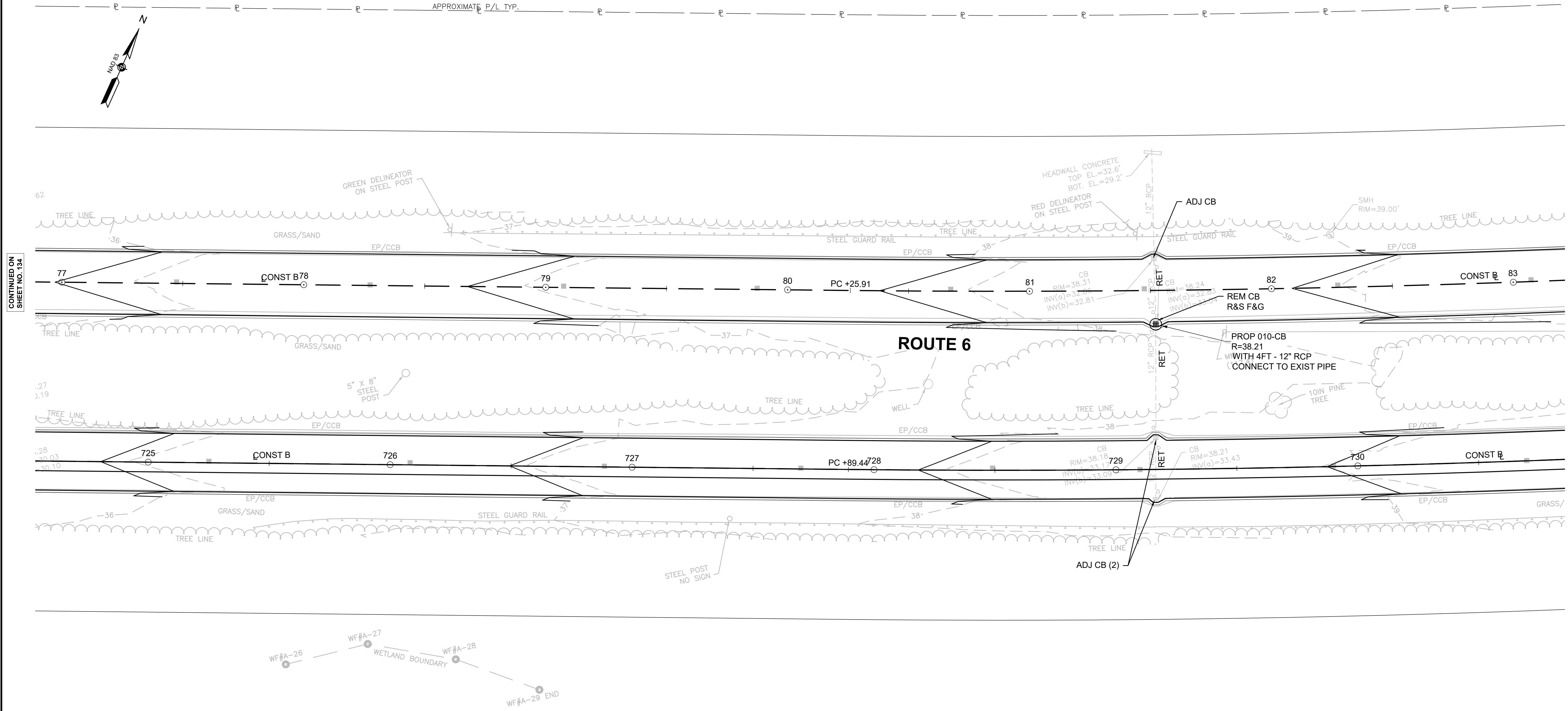
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PROVINCETOWN
SHANK PAINTER ROAD & ROUTE 6

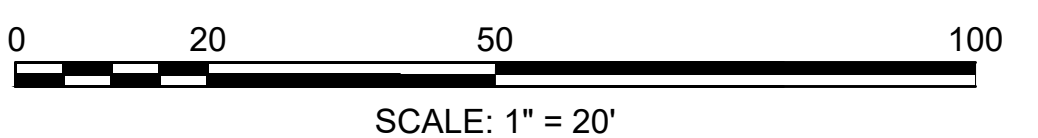
STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	135	293
PROJECT FILE NO.		608744	

UTILITY PLANS - 06



CONTINUED ON SHEET NO. 134

CONTINUED ON SHEET NO. 136



HIGHWAY GUARD DETAILS

NONE

TRAFFIC SIGNAL CONDUIT

NONE

WATER SUPPLY ALTERATIONS

NONE

DRAINAGE DETAILS

SEE BELOW

NOTES:

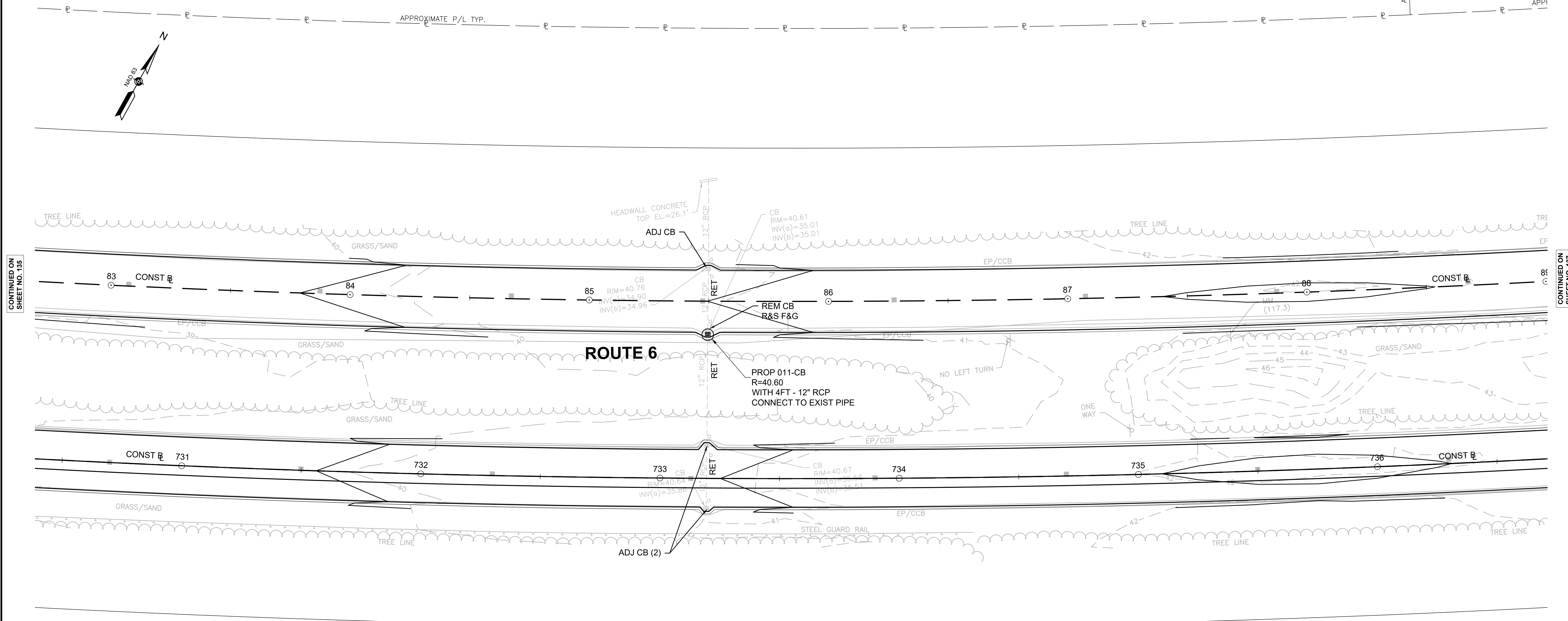
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PROVINCETOWN
SHANK PAINTER ROAD & ROUTE 6

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	136	293
PROJECT FILE NO. 608744			

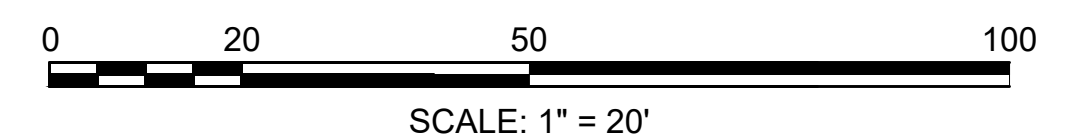
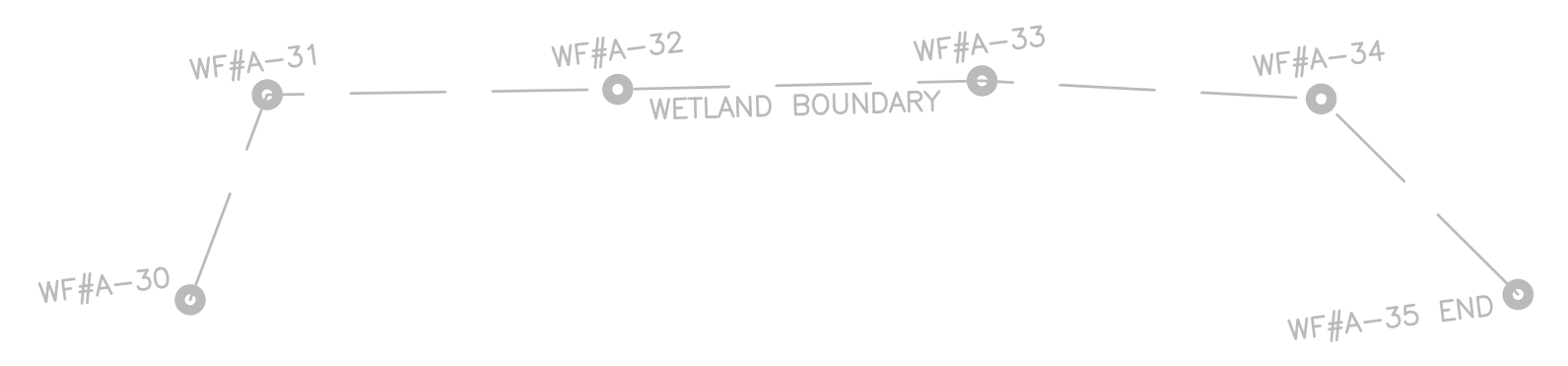
UTILITY PLANS - 07

APPROXIMATE



CONTINUED ON SHEET NO. 135

CONTINUED ON SHEET NO. 137



HIGHWAY GUARD DETAILS

NONE

TRAFFIC SIGNAL CONDUIT

NONE

WATER SUPPLY ALTERATIONS

NONE

DRAINAGE DETAILS

SEE BELOW

NOTES:

1. ALL STATIONS AND OFFSETS ARE MEASURED AT THE CENTER OF STRUCTURES.
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PROVINCETOWN
SHANK PAINTER ROAD & ROUTE 6

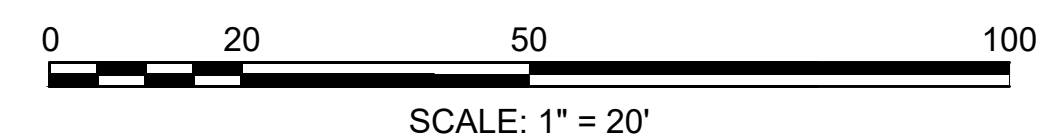
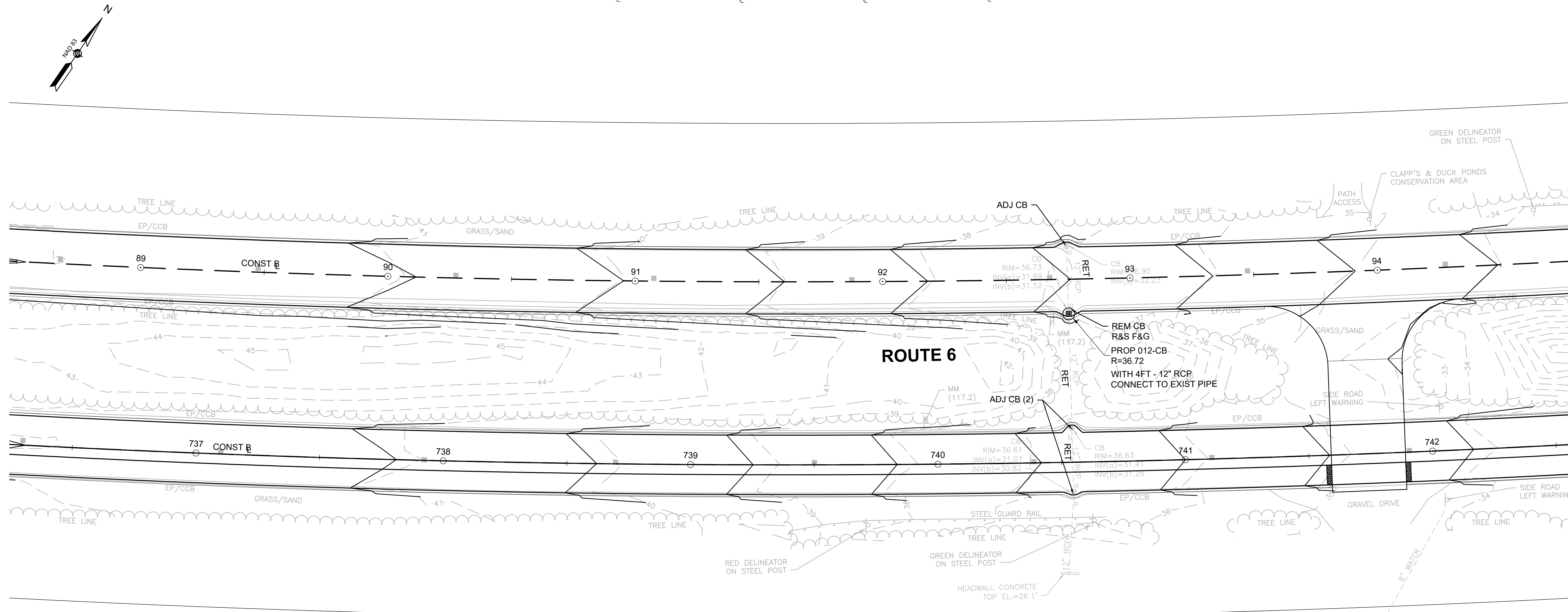
STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	137	293
PROJECT FILE NO.		608744	

UTILITY PLANS - 08



CONTINUED ON SHEET NO. 136

CONTINUED ON SHEET NO. 138



PROVINCETOWN
SHANK PAINTER ROAD & ROUTE 6

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	138	293
PROJECT FILE NO.		608744	

UTILITY PLANS - 09

HIGHWAY GUARD DETAILS

NONE

TRAFFIC SIGNAL CONDUIT

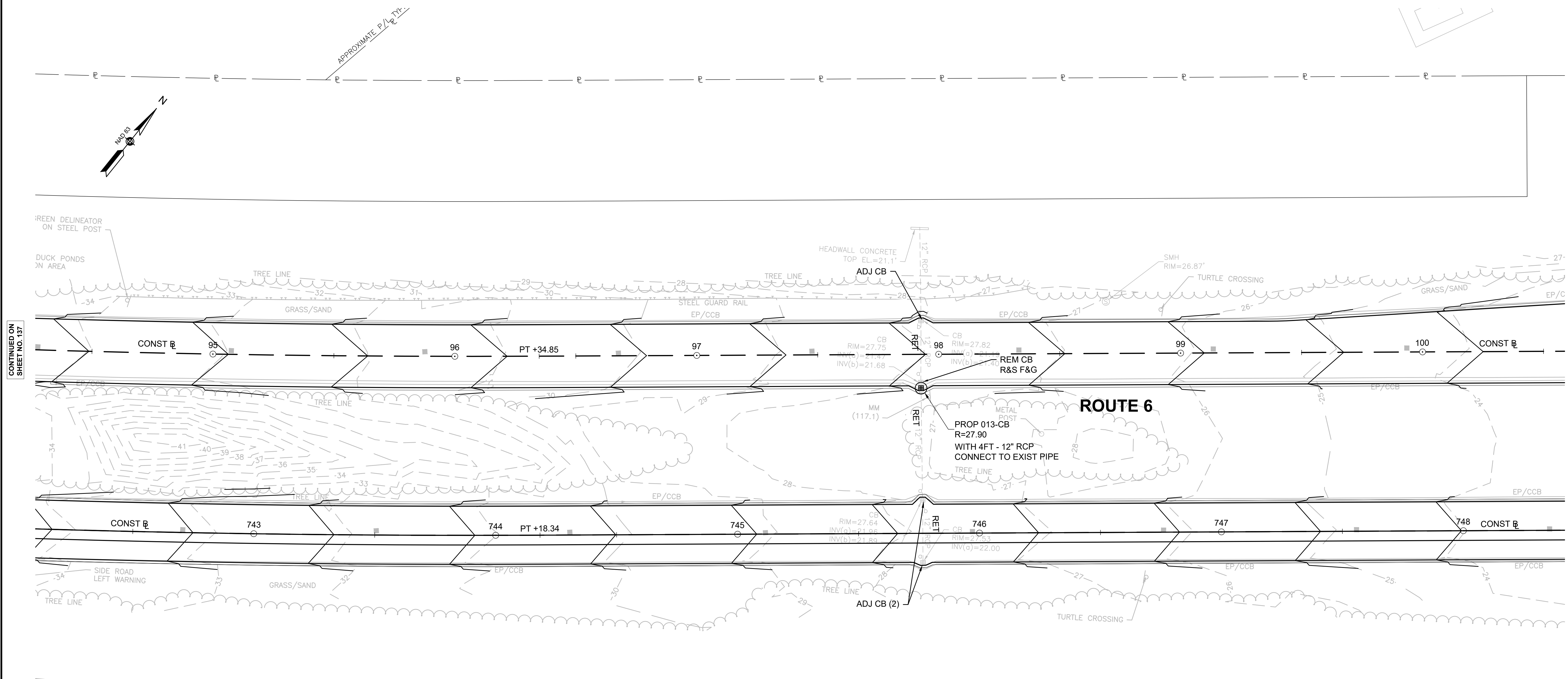
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WATER SUPPLY ALTERATIONS

NONE

DRAINAGE DETAILS

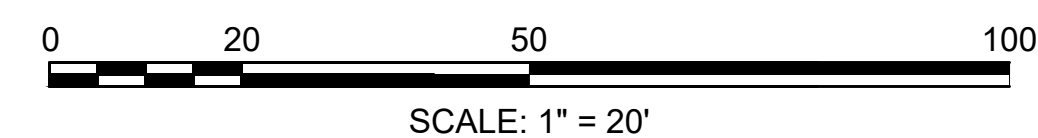
SEE BELOW



CONTINUED ON SHEET NO. 137

CONTINUED ON SHEET NO. 139

- NOTES:
- ALL STATIONS AND OFFSETS ARE MEASURED AT THE CENTER OF STRUCTURES.
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PROVINCETOWN
SHANK PAINTER ROAD & ROUTE 6

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	139	293
PROJECT FILE NO. 608744			

UTILITY PLANS - 10

HIGHWAY GUARD DETAILS

NONE

TRAFFIC SIGNAL CONDUIT

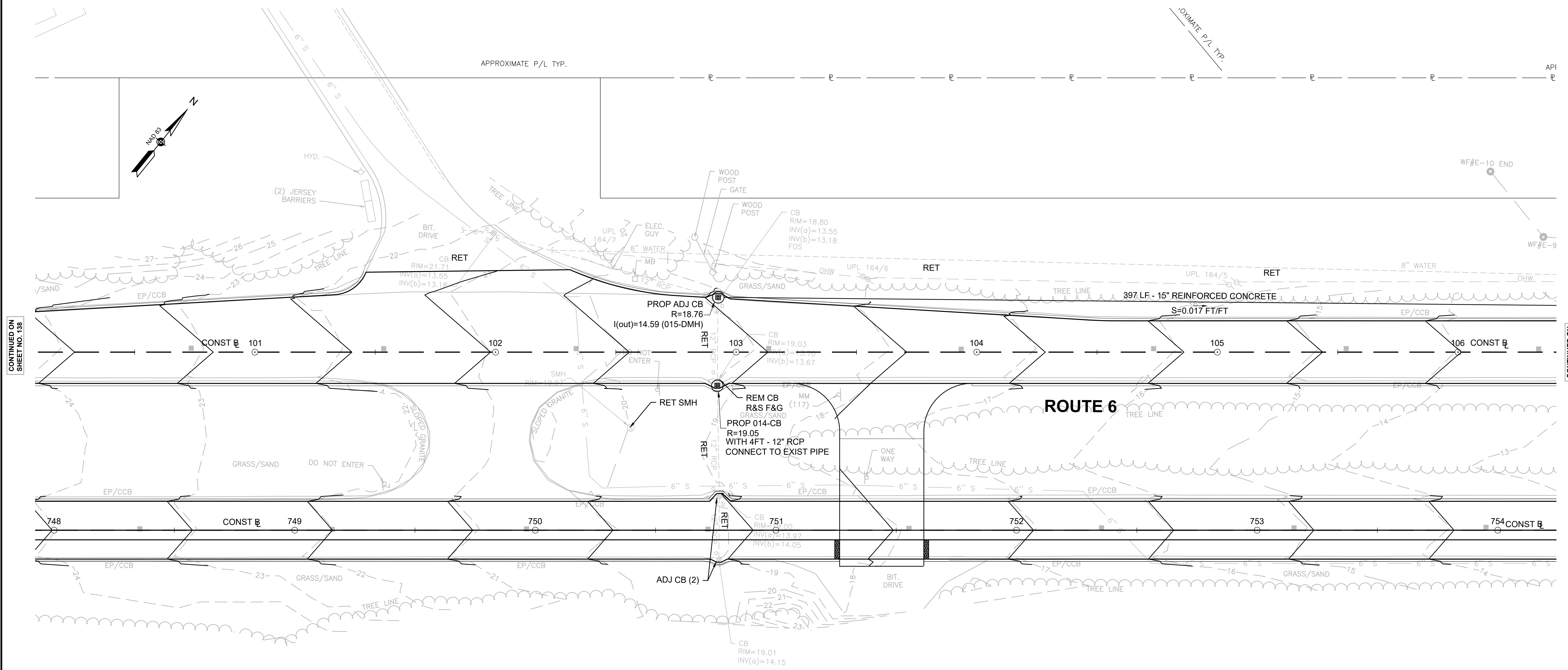
NONE

WATER SUPPLY ALTERATIONS

NONE

DRAINAGE DETAILS

SEE BELOW

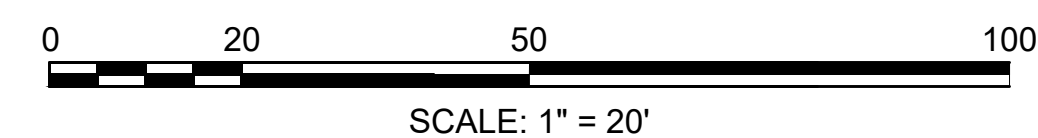


CONTINUED ON SHEET NO. 138

CONTINUED ON SHEET NO. 140

NOTES:

1. ALL STATIONS AND OFFSETS ARE MEASURED AT THE CENTER OF STRUCTURES.
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HIGHWAY GUARD DETAILS

NONE

TRAFFIC SIGNAL CONDUIT

NONE

WATER SUPPLY ALTERATIONS

NONE

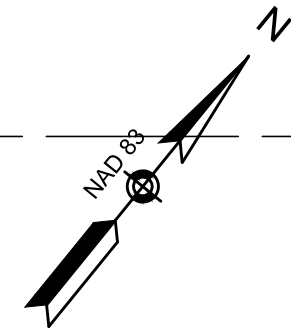
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SEE BELOW

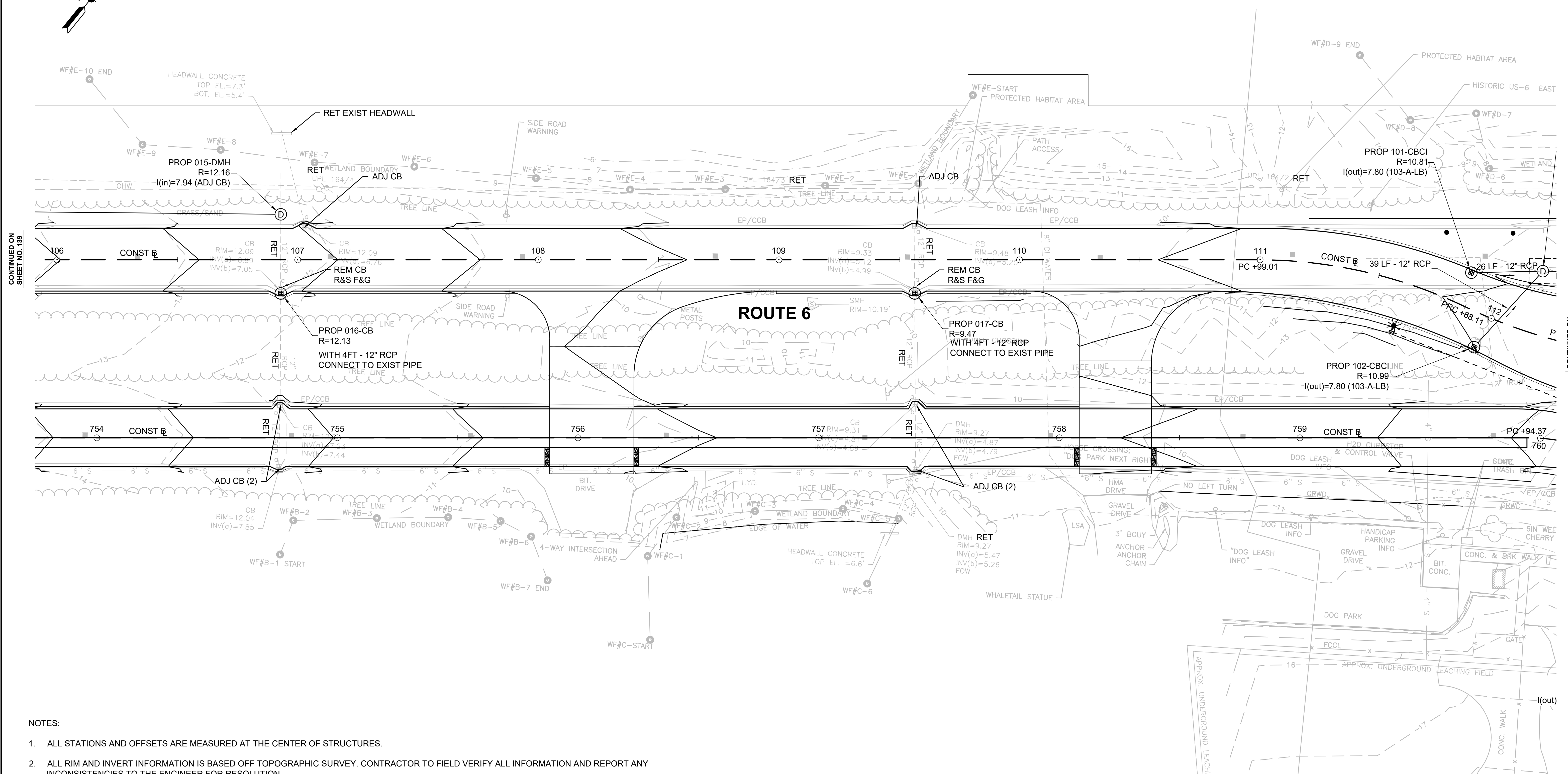
PROVINCETOWN
SHANK PAINTER ROAD & ROUTE 6

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	140	293
PROJECT FILE NO. 608744			

UTILITY PLANS - 11



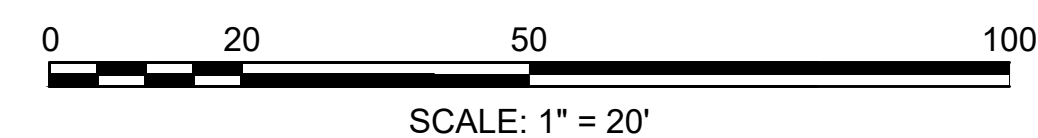
APPROXIMATE P/L TYP.



CONTINUED ON
SHEET NO. 139

CONTINUED ON
SHEET NO. 141

- NOTES:
1. ALL STATIONS AND OFFSETS ARE MEASURED AT THE CENTER OF STRUCTURES.
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HIGHWAY GUARD DETAILS

NONE

TRAFFIC SIGNAL CONDUIT

NONE

WATER SUPPLY ALTERATIONS

NONE

DRAINAGE DETAILS

SEE BELOW

STREET LIGHTING DETAILS

SEE SHEET XX

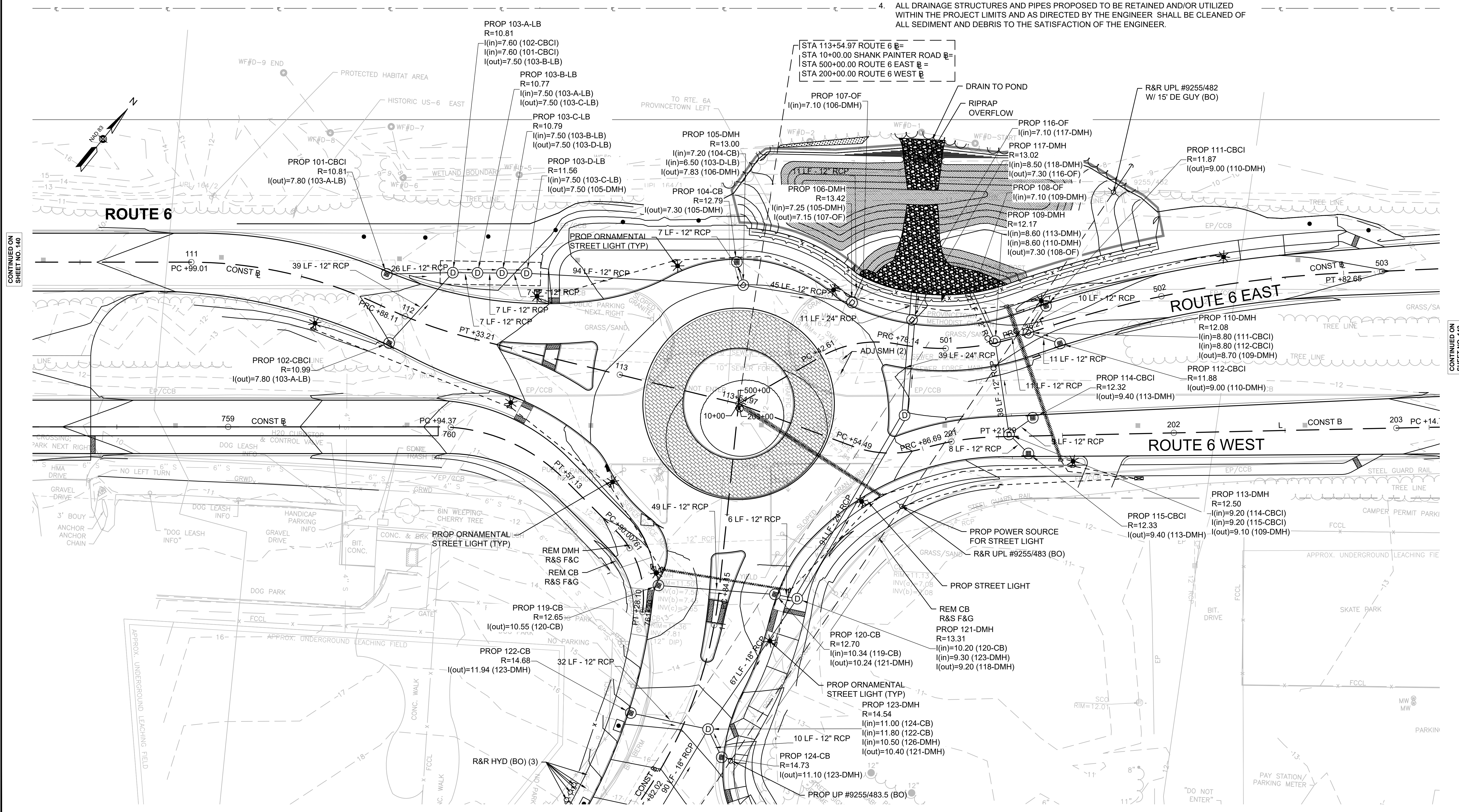
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PROVINCETOWN
SHANK PAINTER ROAD & ROUTE 6

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	141	293
PROJECT FILE NO. 608744			

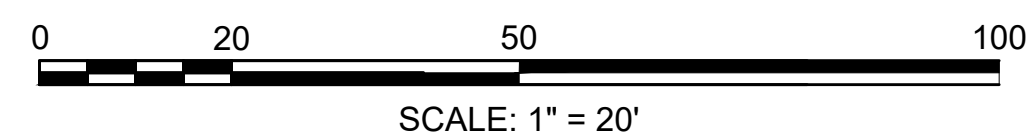
UTILITY PLANS - 12



CONTINUED ON SHEET NO. 140

CONTINUED ON SHEET NO. 142

CONTINUED ON SHEET NO. 142



HIGHWAY GUARD DETAILS

NONE

TRAFFIC SIGNAL CONDUIT

NONE

WATER SUPPLY ALTERATIONS

NONE

DRAINAGE DETAILS

SEE BELOW

STREET LIGHTING DETAILS

SEE SHEET XX

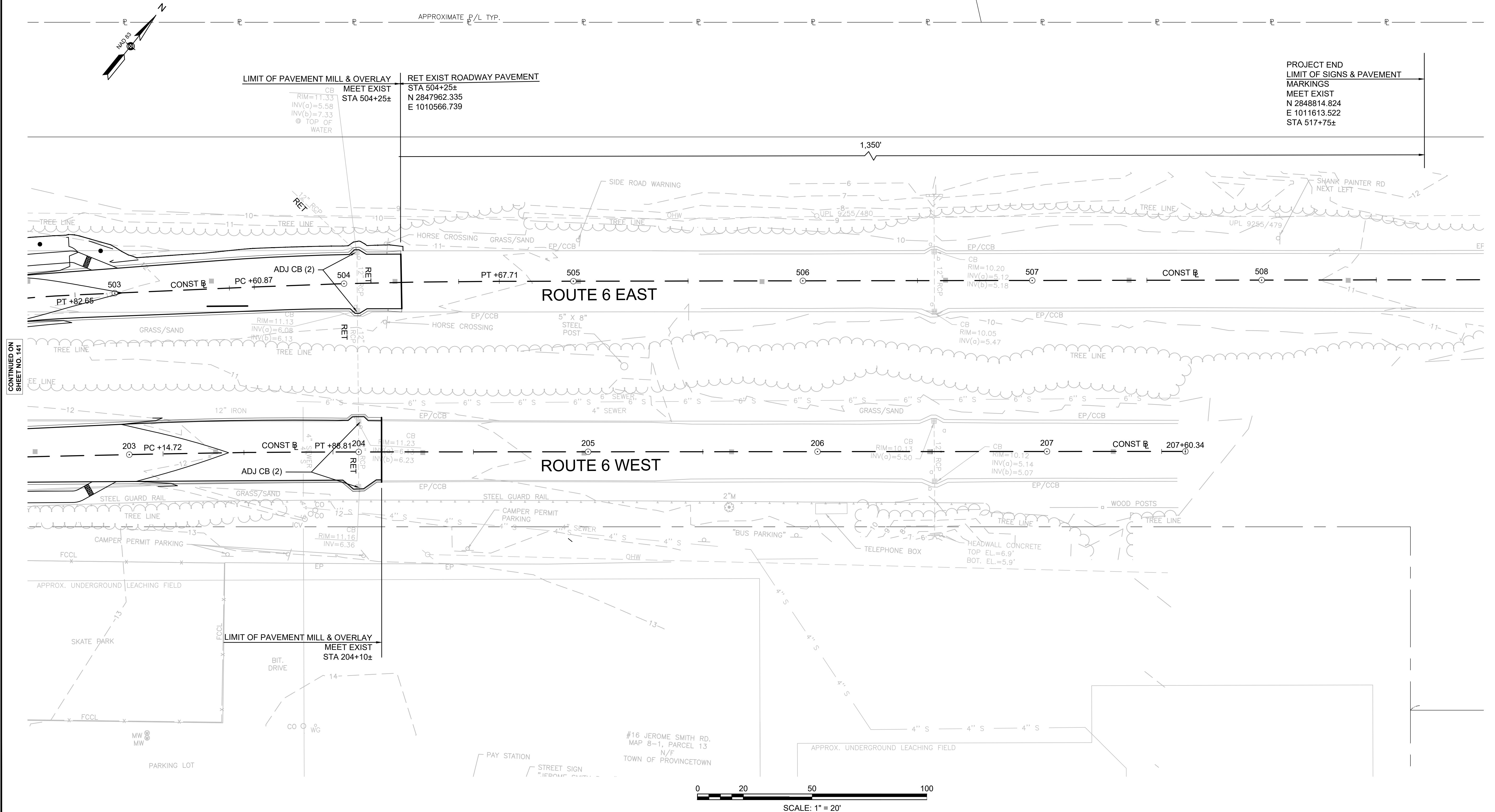
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PROVINCETOWN
SHANK PAINTER ROAD & ROUTE 6

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	142	293
PROJECT FILE NO.		608744	

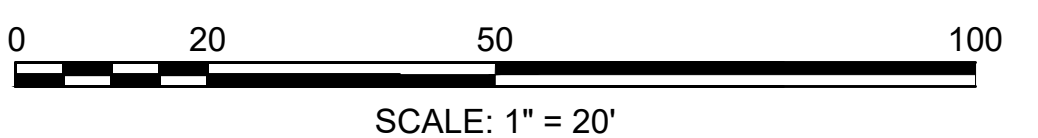
UTILITY PLANS - 13



PROJECT END
LIMIT OF SIGNS & PAVEMENT
MARKINGS
MEET EXIST
N 2848814.824
E 1011613.522
STA 517+75±

CONTINUED ON
SHEET NO. 141

#16 JEROME SMITH RD.
MAP 8-1, PARCEL 13
N/F
TOWN OF PROVINCETOWN



HIGHWAY GUARD DETAILS

NONE

TRAFFIC SIGNAL CONDUIT

NONE

WATER SUPPLY ALTERATIONS

NONE

DRAINAGE DETAILS

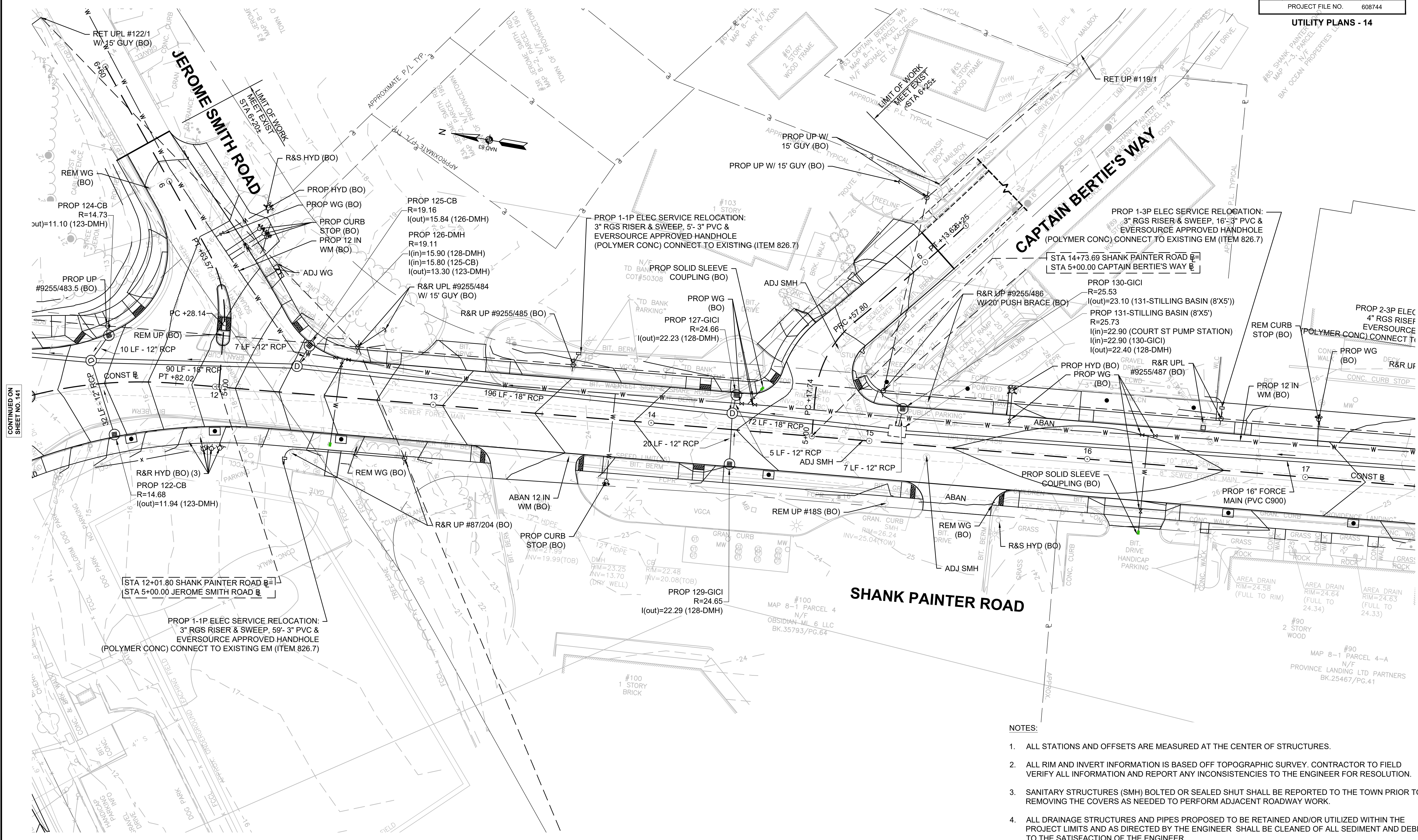
SEE BELOW

PROVINCETOWN
SHANK PAINTER ROAD & ROUTE 6

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	143	293

PROJECT FILE NO. 608744

UTILITY PLANS - 14

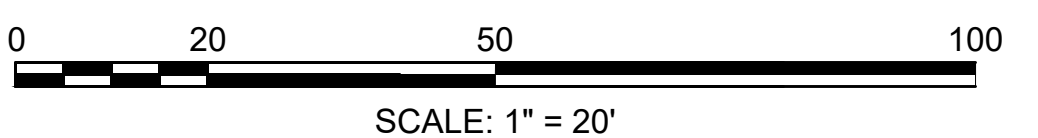


CONTINUED ON SHEET NO. 141

CONTINUED ON SHEET NO. 144

NOTES:

1. ALL STATIONS AND OFFSETS ARE MEASURED AT THE CENTER OF STRUCTURES.
2. ALL RIM AND INVERT INFORMATION IS BASED OFF TOPOGRAPHIC SURVEY. CONTRACTOR TO FIELD VERIFY ALL INFORMATION AND REPORT ANY INCONSISTENCIES TO THE ENGINEER FOR RESOLUTION.
3. SANITARY STRUCTURES (SMH) BOLTED OR SEALED SHUT SHALL BE REPORTED TO THE TOWN PRIOR TO REMOVING THE COVERS AS NEEDED TO PERFORM ADJACENT ROADWAY WORK.
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5. THE EXISTING ABANDONED WATERMAIN SHALL BE CUT AND PLUGGED WHEN CONFLICTS WITH THE PROPOSED DRAINAGE.
6. ALL PROPOSED WATER GATES TO BE CONSTRUCTED BY OTHERS SHALL BE ADJUSTED TO FINISHED GRADE FOR FINAL PAVING.



HIGHWAY GUARD DETAILS

NONE

TRAFFIC SIGNAL CONDUIT

NONE

WATER SUPPLY ALTERATIONS

NONE

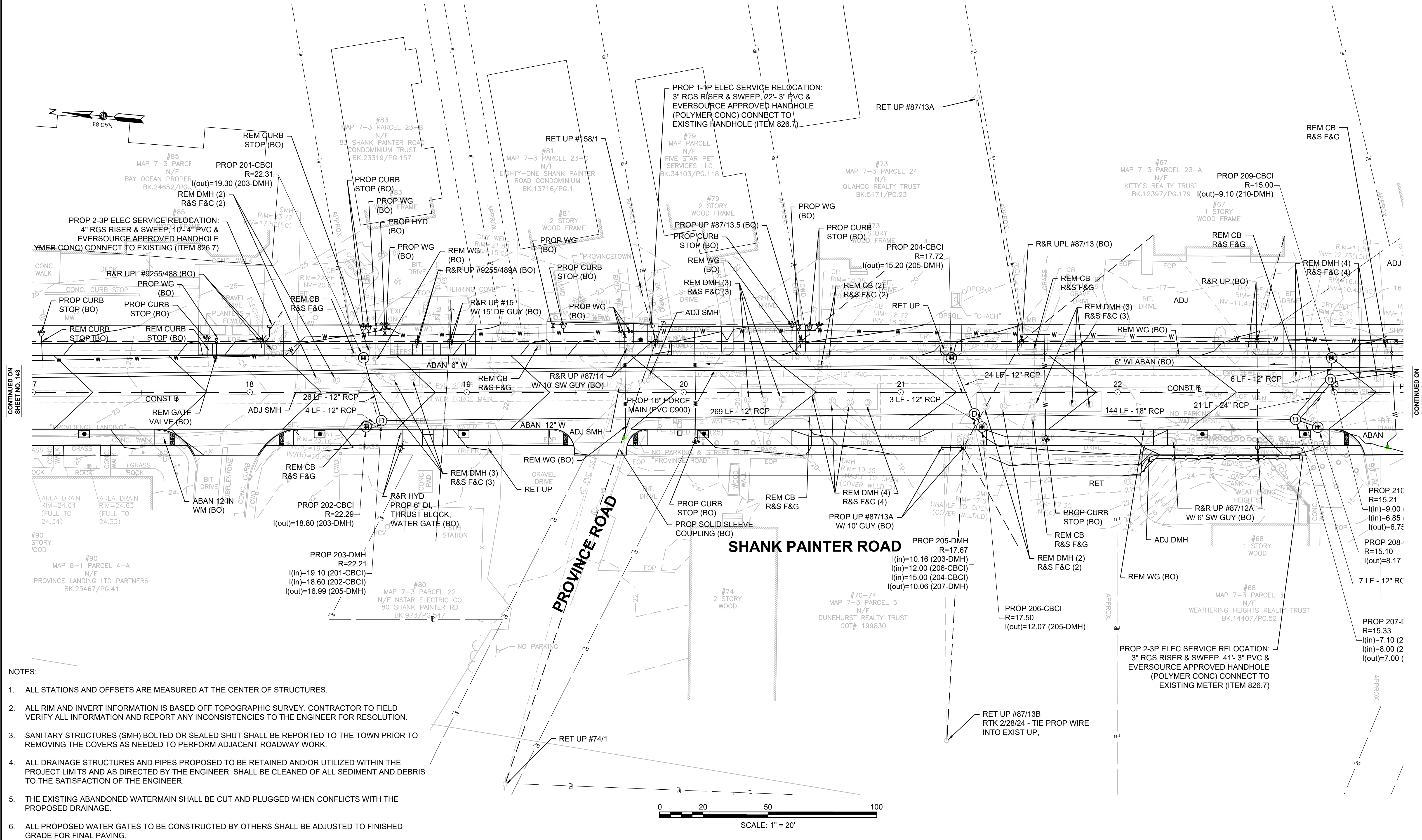
DRAINAGE DETAILS

SEE BELOW

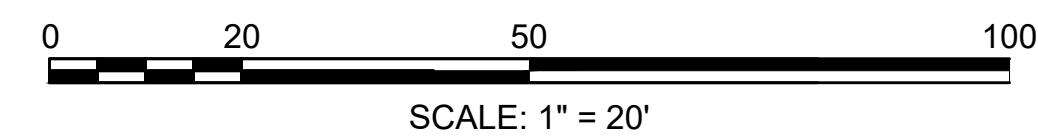
PROVINCETOWN
SHANK PAINTER ROAD & ROUTE 6

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	144	293

PROJECT FILE NO. 608744
UTILITY PLANS - 15



- NOTES:
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CONTINUED ON
SHEET NO. 143

CONTINUED ON
SHEET NO. 145

608744_UT(SHANK).DWG
Plotted on: 2-Apr-2024 12:34 AM

HIGHWAY GUARD DETAILS

NONE

TRAFFIC SIGNAL CONDUIT

NONE

WATER SUPPLY ALTERATIONS

NONE

DRAINAGE DETAILS

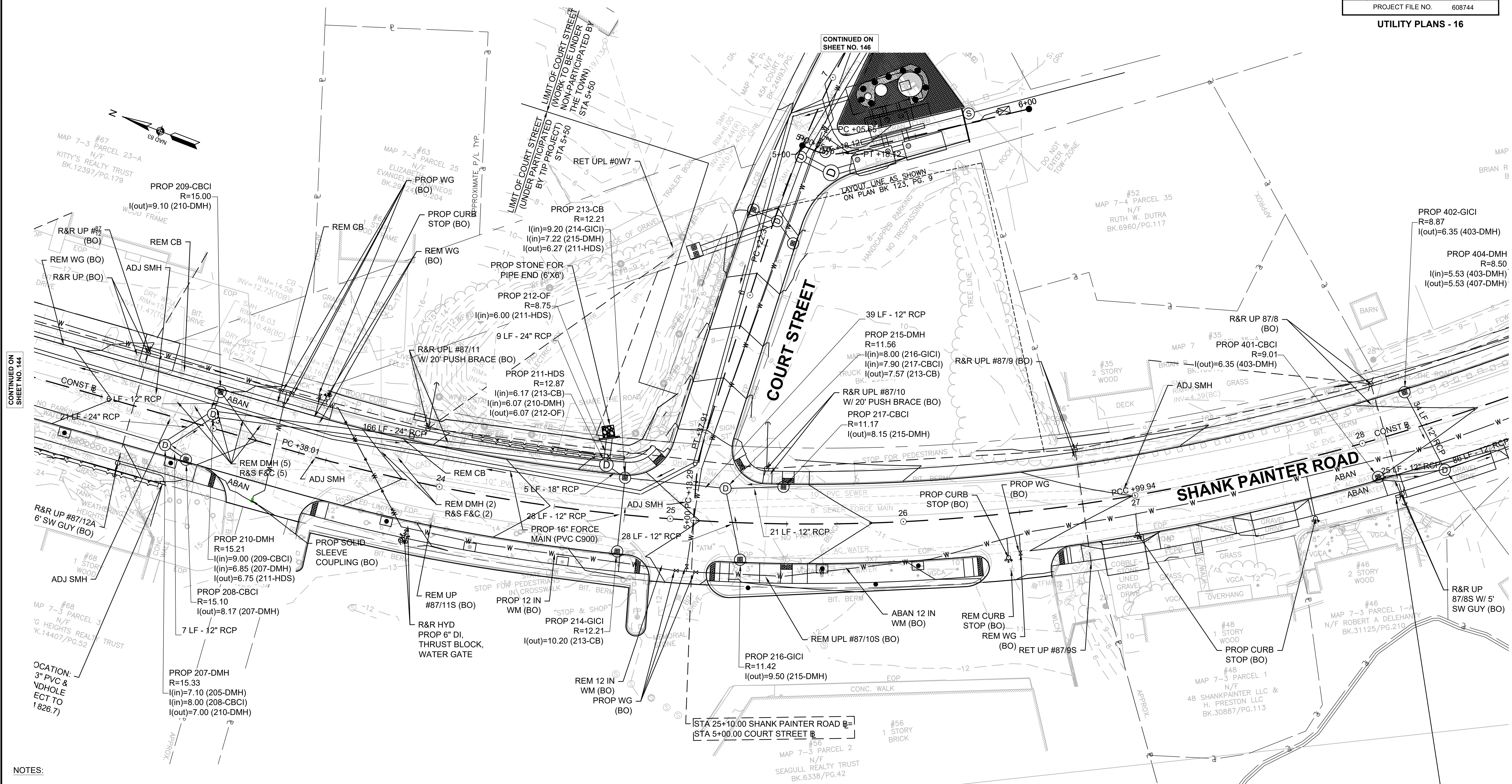
SEE BELOW

PROVINCETOWN
SHANK PAINTER ROAD & ROUTE 6

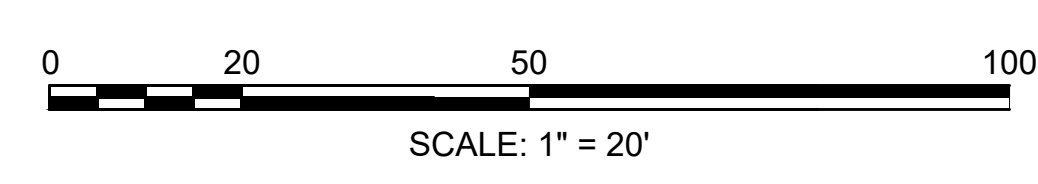
STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	145	293

PROJECT FILE NO. 608744

UTILITY PLANS - 16



- NOTES:
1. ALL STATIONS AND OFFSETS ARE MEASURED AT THE CENTER OF STRUCTURES.
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CONTINUED ON SHEET NO. 144

CONTINUED ON SHEET NO. 146

HIGHWAY GUARD DETAILS

NONE

TRAFFIC SIGNAL CONDUIT

NONE

WATER SUPPLY ALTERATIONS

NONE

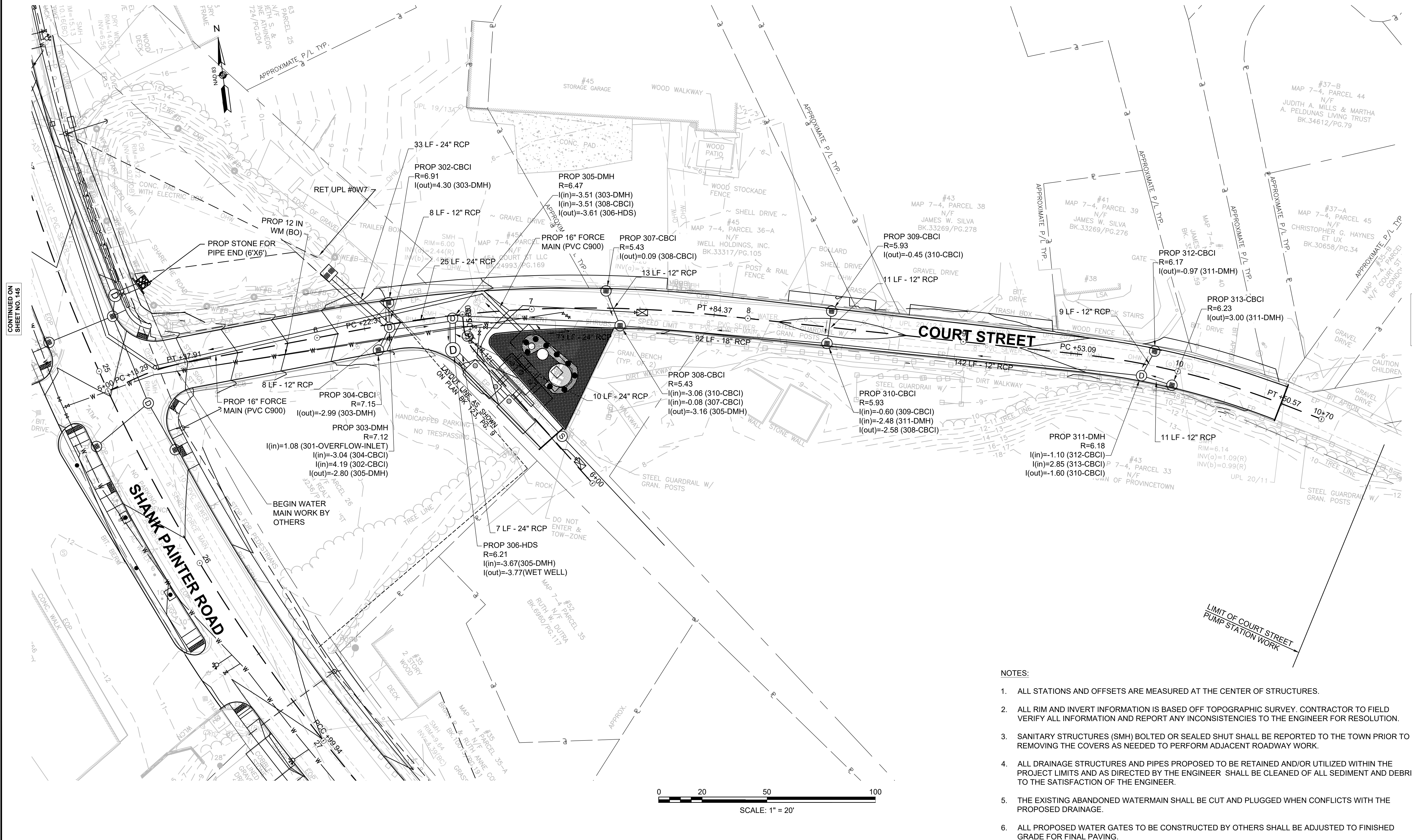
DRAINAGE DETAILS

SEE BELOW

PROVINCETOWN
SHANK PAINTER ROAD & ROUTE 6

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	146	293
PROJECT FILE NO. 608744			

UTILITY PLANS - 17



- NOTES:
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CONTINUED ON SHEET NO. 145

CONTINUED ON SHEET NO. 147

608744_UT(SHANK)DWG Plotted on 2-Apr-2024 12:35 AM

HIGHWAY GUARD DETAILS

NONE

TRAFFIC SIGNAL CONDUIT

NONE

WATER SUPPLY ALTERATIONS

NONE

DRAINAGE DETAILS

SEE BELOW

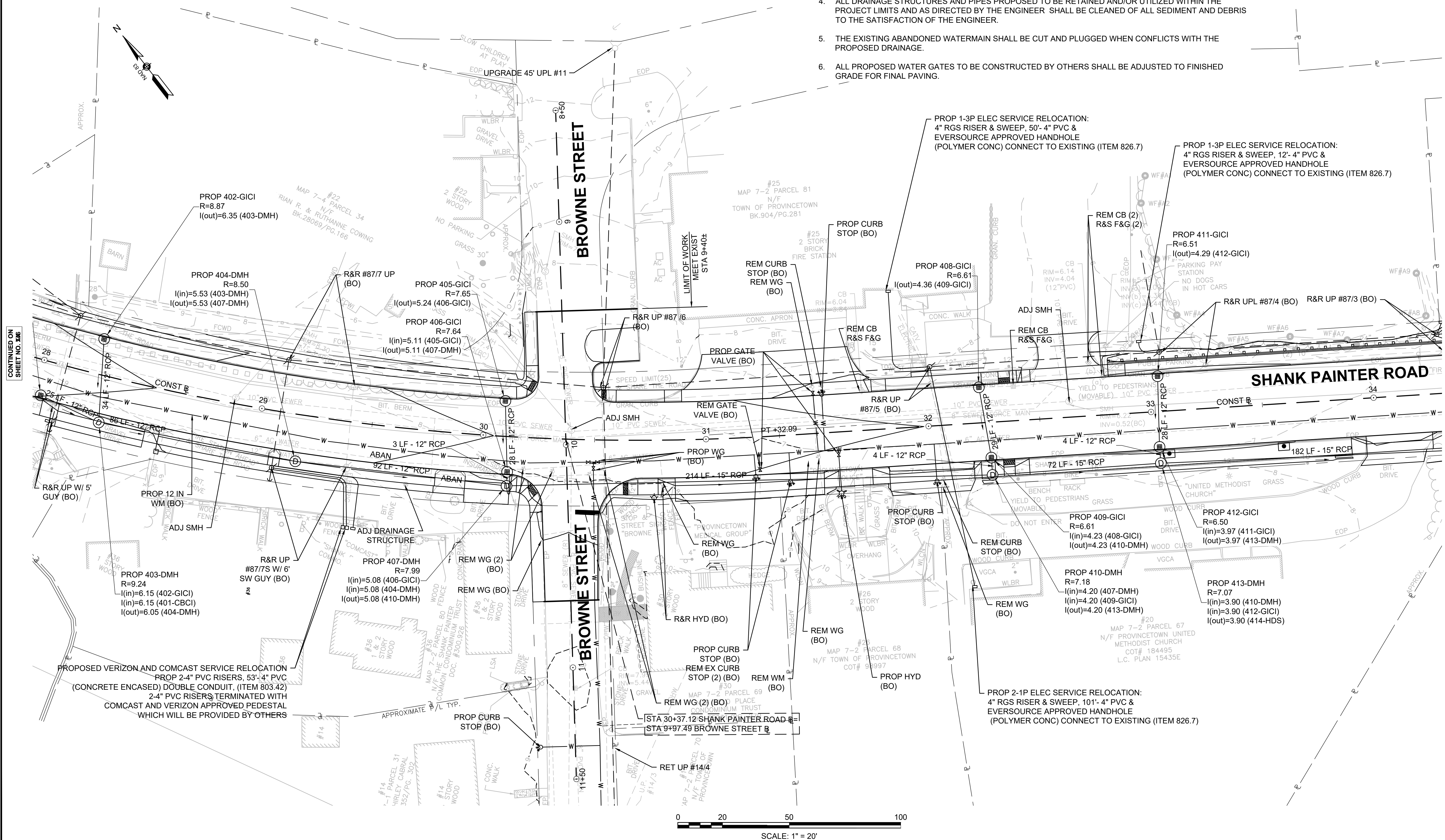
NOTES:

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PROVINCETOWN
SHANK PAINTER ROAD & ROUTE 6

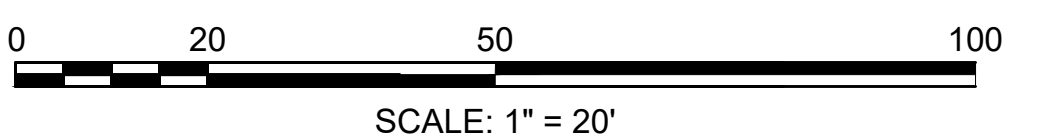
STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	--	147	293

PROJECT FILE NO. 608744
UTILITY PLANS - 18



CONTINUED ON SHEET NO. 246

CONTINUED ON SHEET NO. 148



HIGHWAY GUARD DETAILS

NONE

TRAFFIC SIGNAL CONDUIT

NONE

WATER SUPPLY ALTERATIONS

NONE

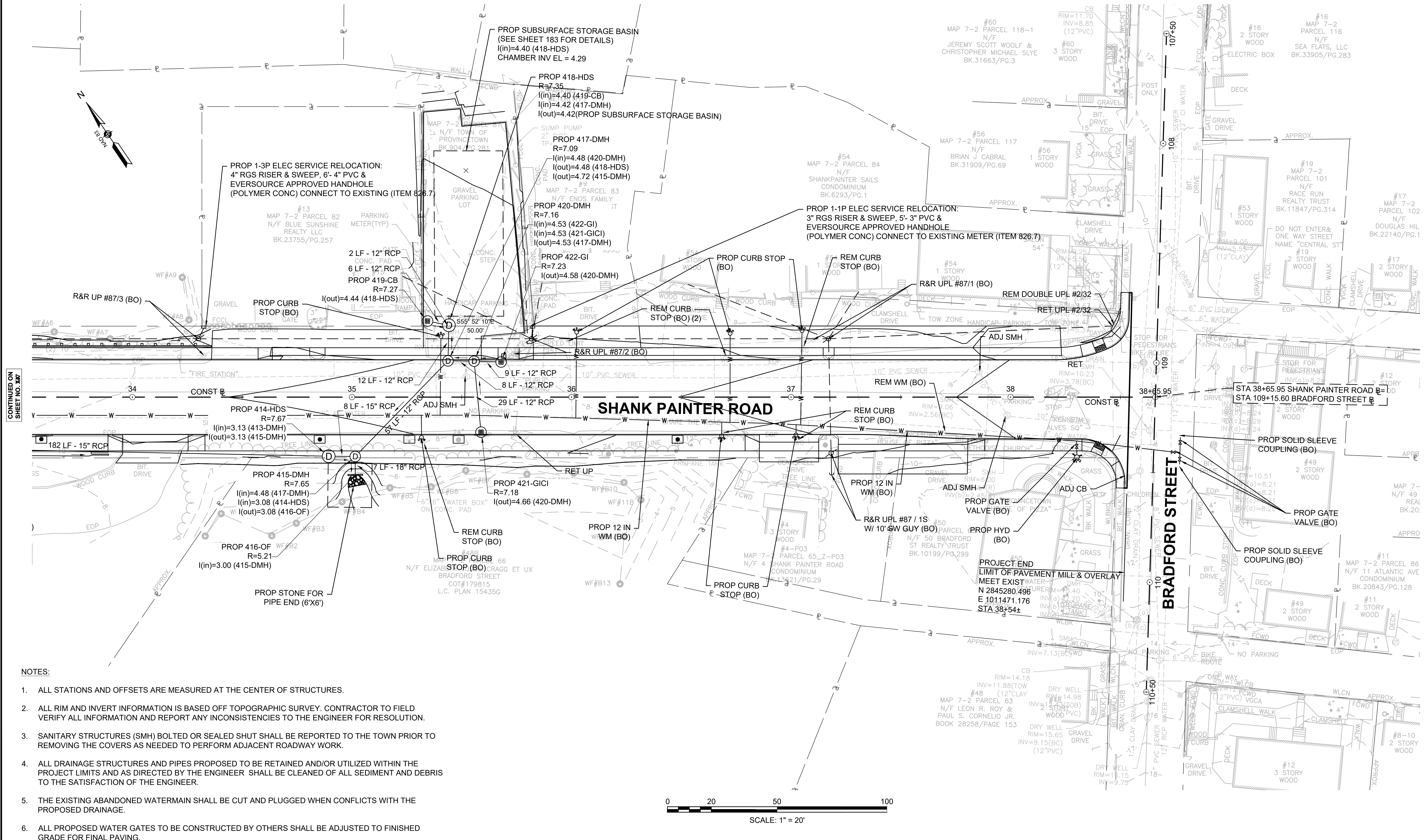
DRAINAGE DETAILS

SEE BELOW

PROVINCETOWN
SHANK PAINTER ROAD & ROUTE 6

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	148	293
PROJECT FILE NO. 608744			

UTILITY PLANS - 19



CONTINUED ON
SHEET NO. 147

- NOTES:
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PROVINCETOWN
SHANK PAINTER ROAD & ROUTE 6

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	149	293
PROJECT FILE NO.		608744	

UTILITY PLANS - 20

NOTES:

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6. ALL PROPOSED WATER GATES TO BE CONSTRUCTED BY OTHERS SHALL BE ADJUSTED TO FINISHED GRADE FOR FINAL PAVING.
7. ALL PROPOSED WORK WITHIN HATCHED AREA TO BE PERFORMED BY OTHERS.

DRAINAGE STRUCTURE TABLE							
NAME/TYPE	ALIGNMENT	STATION	OFFSET	RIM ELEV.	INV. ELEV. IN	INV. ELEV. OUT	REMARKS
001-CB	ROUTE 6 COMBINED	56+91.99	14.1 LT	21.51			CONCENTRIC CYLINDRICAL STRUCTURE RECTANGULAR FRAME
002-CB	ROUTE 6 COMBINED	60+81.11	12.0 LT	25.88	I=20.31' (004-DMH)		CONCENTRIC CYLINDRICAL STRUCTURE RECTANGULAR FRAME
003-CB	ROUTE 6 COMBINED	60+81.35	12.0 RT	25.68		I=21.51' (005-DMH)	CONCENTRIC CYLINDRICAL STRUCTURE RECTANGULAR FRAME
004-DMH	ROUTE 6 COMBINED	60+94.67	18.7 LT	26.71		I=21.52' (002-CB) I=22.31' (005-DMH)	CONCENTRIC CYLINDRICAL STRUCTURE
005-DMH	ROUTE 6 COMBINED	60+91.75	4.3 RT	25.49	I=21.27' (003-CB) I=21.08' (004-DMH)		CONCENTRIC CYLINDRICAL STRUCTURE
006-CB	ROUTE 6 COMBINED	64+95.35	14.0 RT	28.87			CONCENTRIC CYLINDRICAL STRUCTURE RECTANGULAR FRAME
007-CB	ROUTE 6 COMBINED	68+47.81	14.0 RT	30.92			CONCENTRIC CYLINDRICAL STRUCTURE RECTANGULAR FRAME
008-CB	ROUTE 6 COMBINED	72+50.48	14.0 RT	32.79			CONCENTRIC CYLINDRICAL STRUCTURE RECTANGULAR FRAME
009-CB	ROUTE 6 COMBINED	76+52.61	14.0 RT	35.27			CONCENTRIC CYLINDRICAL STRUCTURE RECTANGULAR FRAME
010-CB	ROUTE 6 COMBINED	81+52.02	14.0 RT	38.21			CONCENTRIC CYLINDRICAL STRUCTURE RECTANGULAR FRAME
011-CB	ROUTE 6 COMBINED	85+49.62	14.0 RT	40.60			CONCENTRIC CYLINDRICAL STRUCTURE RECTANGULAR FRAME
012-CB	ROUTE 6 COMBINED	92+75	14.0 RT	36.72			CONCENTRIC CYLINDRICAL STRUCTURE RECTANGULAR FRAME
013-CB	ROUTE 6 COMBINED	97+92.65	14.0 RT	27.90			CONCENTRIC CYLINDRICAL STRUCTURE RECTANGULAR FRAME
014-CB	ROUTE 6 COMBINED	102+92.17	14.0 RT	19.05			CONCENTRIC CYLINDRICAL STRUCTURE RECTANGULAR FRAME
015-DMH	ROUTE 6 COMBINED	106+92.98	18.9 LT	12.16	I=7.94' (ADJ CB)		CONCENTRIC CYLINDRICAL STRUCTURE
016-CB	ROUTE 6 COMBINED	106+92.96	14.0 RT	12.13			CONCENTRIC CYLINDRICAL STRUCTURE RECTANGULAR FRAME
017-CB	ROUTE 6 COMBINED	109+56.44	14.0 RT	9.47			CONCENTRIC CYLINDRICAL STRUCTURE RECTANGULAR FRAME
ADJ CB	ROUTE 6 COMBINED	102+92.52	22.8 LT	18.76		I=14.59' (015-DMH)	CONCENTRIC CYLINDRICAL STRUCTURE RECTANGULAR FRAME

DRAINAGE STRUCTURE TABLE							
NAME/TYPE	ALIGNMENT	STATION	OFFSET	RIM ELEV.	INV. ELEV. IN	INV. ELEV. OUT	REMARKS
101-CBCI	ROUTE 6 COMBINED	111+84.60	13.9 LT	10.81		I=7.80' (103-A-LB)	CONCENTRIC CYLINDRICAL STRUCTURE RECTANGULAR FRAME
102-CBCI	ROUTE 6 COMBINED	111+98.03	13.8 RT	10.99		I=7.80' (103-A-LB)	CONCENTRIC CYLINDRICAL STRUCTURE RECTANGULAR FRAME
103-A-LB	ROUTE 6 COMBINED	112+13.98	25.9 LT	10.81	I=7.60' (102-CBCI) I=7.60' (101-CBCI)	I=7.50' (103-B-LB)	CONCENTRIC CYLINDRICAL STRUCTURE
103-B-LB	ROUTE 6 COMBINED	112+26.09	29.1 LT	10.77	I=7.50' (103-A-LB)	I=7.50' (103-C-LB)	CONCENTRIC CYLINDRICAL STRUCTURE
103-C-LB	ROUTE 6 COMBINED	112+37.73	31.7 LT	10.79	I=7.50' (103-B-LB)	I=7.50' (103-D-LB)	CONCENTRIC CYLINDRICAL STRUCTURE
103-D-LB	ROUTE 6 COMBINED	112+48.46	34.3 LT	11.56	I=7.50' (103-C-LB)	I=7.50' (105-DMH)	CONCENTRIC CYLINDRICAL STRUCTURE
104-CB	ROUTE 6 COMBINED	113+39.03	61.7 LT	12.79		I=7.30' (105-DMH)	CONCENTRIC CYLINDRICAL STRUCTURE RECTANGULAR FRAME
105-DMH	ROUTE 6 COMBINED	113+44.29	52.3 LT	13.00	I=7.20' (104-CB) I=6.50' (103-D-LB)	I=7.83' (106-DMH)	CONCENTRIC CYLINDRICAL STRUCTURE
106-DMH	ROUTE 6 EASTBOUND	500+60.66	18.6 LT	13.42	I=7.25' (105-DMH)	I=7.15' (107-OF)	CONCENTRIC CYLINDRICAL STRUCTURE
107-OF	ROUTE 6 EASTBOUND	500+64.92	29.3 LT	8.77	I=7.10' (106-DMH)		CONCRETE RECTANGULAR HEADWALL
108-OF	ROUTE 6 EASTBOUND	501+16.03	24.1 LT	8.77	I=7.10' (109-DMH)		CONCRETE RECTANGULAR HEADWALL
109-DMH	ROUTE 6 EASTBOUND	501+22.55	0.8 LT	12.17	I=8.60' (113-DMH) I=8.60' (110-DMH)	I=7.30' (108-OF)	CONCENTRIC CYLINDRICAL STRUCTURE
110-DMH	ROUTE 6 EASTBOUND	501+38.07	0.3 LT	12.08	I=8.80' (111-CBCI) I=8.80' (112-CBCI)	I=8.70' (109-DMH)	CONCENTRIC CYLINDRICAL STRUCTURE
111-CBCI	ROUTE 6 EASTBOUND	501+49.26	9.2 LT	11.87		I=9.00' (110-DMH)	CONCENTRIC CYLINDRICAL STRUCTURE RECTANGULAR FRAME
112-CBCI	ROUTE 6 EASTBOUND	501+50.10	8.8 RT	11.88		I=9.00' (110-DMH)	CONCENTRIC CYLINDRICAL STRUCTURE RECTANGULAR FRAME
113-DMH	ROUTE 6 WESTBOUND	201+26.02	0.9 LT	12.50	I=9.20' (114-CBCI) I=9.20' (115-CBCI)	I=9.10' (109-DMH)	CONCENTRIC CYLINDRICAL STRUCTURE
114-CBCI	ROUTE 6 WESTBOUND	201+36.83	8.2 LT	12.32		I=9.40' (113-DMH)	CONCENTRIC CYLINDRICAL STRUCTURE RECTANGULAR FRAME
115-CBCI	ROUTE 6 WESTBOUND	201+34.52	7.8 RT	12.33		I=9.40' (113-DMH)	CONCENTRIC CYLINDRICAL STRUCTURE RECTANGULAR FRAME

PROVINCETOWN
SHANK PAINTER ROAD & ROUTE 6

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	150	293
PROJECT FILE NO.		608744	

UTILITY PLANS - 21

DRAINAGE STRUCTURE TABLE							
NAME/TYPE	ALIGNMENT	STATION	OFFSET	RIM ELEV.	INV. ELEV. IN	INV. ELEV. OUT	REMARKS
116-OF	ROUTE 6 EASTBOUND	500+82	24.3 LT	9.85	I=7.10' (117-DMH)		CONCRETE RECTANGULAR HEADWALL
117-DMH	ROUTE 6 EASTBOUND	500+83.12	11.8 LT	13.02	I=8.50' (118-DMH)	I=7.30' (116-OF)	CONCENTRIC CYLINDRICAL STRUCTURE
118-DMH	ROUTE 6 EASTBOUND	500+85.37	31.1 RT	13.10	I=8.80' (121-DMH)	I=8.70' (117-DMH)	CONCENTRIC CYLINDRICAL STRUCTURE
119-CB	SHANK PAINTER	10+84.95	27.4 RT	12.65		I=10.55' (120-CB)	CONCENTRIC CYLINDRICAL STRUCTURE RECTANGULAR FRAME
120-CB	SHANK PAINTER	10+83.46	25.1 LT	12.70	I=10.34' (119-CB)	I=10.24' (121-DMH)	CONCENTRIC CYLINDRICAL STRUCTURE RECTANGULAR FRAME
121-DMH	SHANK PAINTER	10+84.30	35.2 LT	13.31	I=10.20' (120-CB) I=9.30' (123-DMH)	I=9.20' (118-DMH)	CONCENTRIC CYLINDRICAL STRUCTURE
122-CB	SHANK PAINTER	11+52.38	23.7 RT	14.68		I=11.94' (123-DMH)	CONCENTRIC CYLINDRICAL STRUCTURE RECTANGULAR FRAME
123-DMH	SHANK PAINTER	11+44.39	11.0 LT	14.54	I=11.00' (124-CB) I=11.80' (122-CB) I=10.50' (126-DMH)	I=10.40' (121-DMH)	CONCENTRIC CYLINDRICAL STRUCTURE
124-CB	SHANK PAINTER	11+52.75	21.7 LT	14.73		I=11.10' (123-DMH)	CONCENTRIC CYLINDRICAL STRUCTURE RECTANGULAR FRAME
125-CB	SHANK PAINTER	12+41.48	22.2 LT	19.16		I=15.84' (126-DMH)	CONCENTRIC CYLINDRICAL STRUCTURE RECTANGULAR FRAME
126-DMH	SHANK PAINTER	12+36.53	12.4 LT	19.11	I=15.90' (128-DMH) I=15.80' (125-CB)	I=13.30' (123-DMH)	CONCENTRIC CYLINDRICAL STRUCTURE
127-GICI	SHANK PAINTER	14+37.75	15.9 LT	24.66		I=22.23' (128-DMH)	CONCENTRIC CYLINDRICAL STRUCTURE RECTANGULAR FRAME
128-DMH	SHANK PAINTER	14+36.59	7.5 LT	24.80	I=21.70' (131-STILLING BASIN (8'X5')) I=22.20' (127-GICI) I=22.20' (129-GICI)	I=21.60' (126-DMH)	CONCENTRIC CYLINDRICAL STRUCTURE
129-GICI	SHANK PAINTER	14+37.24	15.8 RT	24.65		I=22.29' (128-DMH)	CONCENTRIC CYLINDRICAL STRUCTURE RECTANGULAR FRAME
130-GICI	SHANK PAINTER	15+14.07	15.9 LT	25.53		I=23.10' (131-STILLING BASIN (8'X5'))	CONCENTRIC CYLINDRICAL STRUCTURE RECTANGULAR FRAME
131-STILLING BASIN (8'X5')	SHANK PAINTER	15+12.40	5.4 LT	25.73	I=22.90' (130-GICI)	I=22.40' (128-DMH)	8'X5' STILLING BASIN STRUCTURE

DRAINAGE STRUCTURE TABLE							
NAME/TYPE	ALIGNMENT	STATION	OFFSET	RIM ELEV.	INV. ELEV. IN	INV. ELEV. OUT	REMARKS
201-CBCI	SHANK PAINTER	18+52.44	15.9 LT	22.31		I=19.30' (203-DMH)	
202-CBCI	SHANK PAINTER	18+53.62	15.9 RT	22.29		I=18.80' (203-DMH)	CONCENTRIC CYLINDRICAL STRUCTURE RECTANGULAR FRAME
203-DMH	SHANK PAINTER	18+60.76	13.1 RT	22.21	I=19.10' (201-CBCI) I=18.60' (202-CBCI)	I=16.99' (205-DMH)	DMH WITH 4' DEEP SUMP
204-CBCI	SHANK PAINTER	21+23.34	15.9 LT	17.72		I=15.20' (205-DMH)	CONCENTRIC CYLINDRICAL STRUCTURE RECTANGULAR FRAME
205-DMH	SHANK PAINTER	21+33.94	9.9 RT	17.67	I=10.16' (203-DMH) I=12.00' (206-CBCI) I=15.00' (204-CBCI)	I=10.06' (207-DMH)	CONCENTRIC CYLINDRICAL STRUCTURE
206-CBCI	SHANK PAINTER	21+37.43	16.0 RT	17.50		I=12.07' (205-DMH)	CONCENTRIC CYLINDRICAL STRUCTURE RECTANGULAR FRAME
207-DMH	SHANK PAINTER	22+81.99	12.5 RT	15.33	I=7.10' (205-DMH) I=8.00' (208-CBCI)	I=7.00' (210-DMH)	CONCENTRIC CYLINDRICAL STRUCTURE
208-CBCI	SHANK PAINTER	22+92.27	16.1 RT	15.10		I=8.17' (207-DMH)	CONCENTRIC CYLINDRICAL STRUCTURE RECTANGULAR FRAME
209-CBCI	SHANK PAINTER	22+98.65	15.9 LT	15.00		I=9.10' (210-DMH)	CONCENTRIC CYLINDRICAL STRUCTURE RECTANGULAR FRAME
210-DMH	SHANK PAINTER	22+98.12	5.9 LT	15.21	I=9.00' (209-CBCI) I=6.85' (207-DMH)	I=6.75' (211-HDS)	CONCENTRIC CYLINDRICAL STRUCTURE
211-HDS	SHANK PAINTER	24+70.21	20.5 LT	12.87	I=6.17' (213-CB) I=6.07' (210-DMH)	I=6.07' (212-OF)	HYDRODYNAMIC SEPARATOR
212-OF	SHANK PAINTER	24+70.18	32.0 LT	8.75	I=6.00' (211-HDS)		9.25'W X 5'H PRECAST CONCRETE HEADWALL
213-CB	SHANK PAINTER	24+78.93	15.8 LT	12.21	I=9.20' (214-GICI) I=7.22' (215-DMH)	I=6.27' (211-HDS)	DMH WITH GRATE
214-GICI	SHANK PAINTER	24+78.77	15.9 RT	12.21		I=10.20' (213-CB)	CONCENTRIC CYLINDRICAL STRUCTURE RECTANGULAR FRAME
215-DMH	SHANK PAINTER	25+23.09	14.4 LT	11.56	I=8.00' (216-GICI) I=7.90' (217-CBCI)	I=7.57' (213-CB)	DMH WITH 4' DEEP SUMP
216-GICI	SHANK PAINTER	25+30.56	15.9 RT	11.42		I=9.50' (215-DMH)	CONCENTRIC CYLINDRICAL STRUCTURE RECTANGULAR FRAME

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PROVINCETOWN
SHANK PAINTER ROAD & ROUTE 6

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	151	293
PROJECT FILE NO.		608744	

UTILITY PLANS - 22

DRAINAGE STRUCTURE TABLE							
NAME/TYPE	ALIGNMENT	STATION	OFFSET	RIM ELEV.	INV. ELEV. IN	INV. ELEV. OUT	REMARKS
217-CBCI	SHANK PAINTER	25+48.37	15.9 LT	11.17		I=8.15' (215-DMH)	CONCENTRIC CYLINDRICAL STRUCTURE RECTANGULAR FRAME
301-OVERFLOW-INLET	COURT	6+11.05	28.2 LT	6.00		I=1.80' (303-DMH)	COURT STREET WETLAND OVERFLOW STRUCTURE
302-CBCI	COURT	6+35.20	9.9 LT	6.91		I=4.30' (303-DMH)	CONCENTRIC CYLINDRICAL STRUCTURE RECTANGULAR FRAME
303-DMH	COURT	6+33.81	1.4 RT	7.12	I=1.08' (301-OVERFLOW-INLET) I=-3.04' (304-CBCI) I=4.19' (302-CBCI)	I=-2.80' (305-DMH)	CONCENTRIC CYLINDRICAL STRUCTURE
304-CBCI	COURT	6+26.85	10.8 RT	7.15		I=-2.99' (303-DMH)	CONCENTRIC CYLINDRICAL STRUCTURE RECTANGULAR FRAME
305-DMH	COURT	6+63.26	1.3 RT	6.47	I=-3.51' (303-DMH) I=-3.51' (308-CBCI)	I=-3.61' (306-HDS)	CONCENTRIC CYLINDRICAL STRUCTURE
306-HDS	COURT	6+61.72	15.8 RT	6.21	I=-3.67' (305-DMH)	I=-3.77' ()	CONCENTRIC CYLINDRICAL STRUCTURE
307-CBCI	COURT	7+34.21	7.9 LT	5.43		I=0.09' (308-CBCI)	CONCENTRIC CYLINDRICAL STRUCTURE RECTANGULAR FRAME
308-CBCI	COURT	7+41.07	7.9 RT	5.43	I=-3.06' (310-CBCI) I=-0.08' (307-CBCI)	I=-3.16' (305-DMH)	CONCENTRIC CYLINDRICAL STRUCTURE RECTANGULAR FRAME
309-CBCI	COURT	8+38.10	7.5 LT	5.93		I=-0.45' (310-CBCI)	CONCENTRIC CYLINDRICAL STRUCTURE RECTANGULAR FRAME
310-CBCI	COURT	8+37.55	7.5 RT	5.93	I=-0.60' (309-CBCI) I=-2.48' (311-DMH)	I=-2.58' (308-CBCI)	CONCENTRIC CYLINDRICAL STRUCTURE RECTANGULAR FRAME
311-DMH	COURT	9+83.98	5.5 RT	6.18	I=-1.10' (312-CBCI) I=2.85' (313-CBCI)	I=-1.60' (310-CBCI)	CONCENTRIC CYLINDRICAL STRUCTURE
312-CBCI	COURT	9+87.71	6.8 LT	6.17		I=-0.97' (311-DMH)	CONCENTRIC CYLINDRICAL STRUCTURE RECTANGULAR FRAME
313-CBCI	COURT	9+98.87	6.9 RT	6.23		I=3.00' (311-DMH)	CONCENTRIC CYLINDRICAL STRUCTURE RECTANGULAR FRAME

DRAINAGE STRUCTURE TABLE							
NAME/TYPE	ALIGNMENT	STATION	OFFSET	RIM ELEV.	INV. ELEV. IN	INV. ELEV. OUT	REMARKS
401-CBCI	SHANK PAINTER	28+02.58	15.7 RT	9.01		I=6.35' (403-DMH)	CONCENTRIC CYLINDRICAL STRUCTURE RECTANGULAR FRAME
402-GICI	SHANK PAINTER	28+23.72	15.9 LT	8.87		I=6.35' (403-DMH)	CONCENTRIC CYLINDRICAL STRUCTURE RECTANGULAR FRAME
403-DMH	SHANK PAINTER	28+30.31	21.0 RT	9.24	I=6.15' (402-GICI) I=6.15' (401-CBCI)	I=6.05' (404-DMH)	DEEP SUMP MH
404-DMH	SHANK PAINTER	29+18.36	21.0 RT	8.50	I=5.53' (403-DMH)	I=5.53' (407-DMH)	CONCENTRIC CYLINDRICAL STRUCTURE
405-GICI	SHANK PAINTER	30+09.02	15.9 LT	7.65		I=5.24' (406-GICI)	CONCENTRIC CYLINDRICAL STRUCTURE RECTANGULAR FRAME
406-GICI	SHANK PAINTER	30+11.66	15.9 RT	7.64	I=5.11' (405-GICI)	I=5.11' (407-DMH)	CONCENTRIC CYLINDRICAL STRUCTURE RECTANGULAR FRAME
407-DMH	SHANK PAINTER	30+11.78	22.1 RT	7.99	I=5.08' (406-GICI) I=5.08' (404-DMH)	I=5.08' (410-DMH)	
408-GICI	SHANK PAINTER	32+23.64	15.9 LT	6.61		I=4.36' (409-GICI)	CONCENTRIC CYLINDRICAL STRUCTURE RECTANGULAR FRAME
409-GICI	SHANK PAINTER	32+27.22	15.9 RT	6.61	I=4.23' (408-GICI)	I=4.23' (410-DMH)	CONCENTRIC CYLINDRICAL STRUCTURE RECTANGULAR FRAME
410-DMH	SHANK PAINTER	32+27.27	23.6 RT	7.18	I=4.20' (407-DMH) I=4.20' (409-GICI)	I=4.20' (413-DMH)	CONCENTRIC CYLINDRICAL STRUCTURE
411-GICI	SHANK PAINTER	33+03.93	15.8 LT	6.51		I=4.29' (412-GICI)	CONCENTRIC CYLINDRICAL STRUCTURE RECTANGULAR FRAME
412-GICI	SHANK PAINTER	33+02.80	15.9 RT	6.50	I=3.97' (411-GICI)	I=3.97' (413-DMH)	CONCENTRIC CYLINDRICAL STRUCTURE RECTANGULAR FRAME
413-DMH	SHANK PAINTER	33+02.92	23.2 RT	7.07	I=3.90' (410-DMH) I=3.90' (412-GICI)	I=3.90' (414-HDS)	CONCENTRIC CYLINDRICAL STRUCTURE
414-HDS	SHANK PAINTER	34+89.40	26.9 RT	7.67	I=3.13' (413-DMH)	I=3.13' (415-DMH)	CONCENTRIC CYLINDRICAL STRUCTURE
415-DMH	SHANK PAINTER	35+01.47	27.0 RT	7.65	I=4.48' (417-DMH) I=3.08' (414-HDS)	I=3.08' (416-OF)	CONCENTRIC CYLINDRICAL STRUCTURE
416-OF	SHANK PAINTER	35+01.50	35.4 RT	5.21	I=3.00' (415-DMH)		6.5'W X 4.25'H PRECAST CONCRETE HEADWALL

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PROVINCETOWN
SHANK PAINTER ROAD & ROUTE 6

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	152	293
PROJECT FILE NO.		608744	

UTILITY PLANS - 23

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DRAINAGE STRUCTURE TABLE							
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417-DMH	SHANK PAINTER	35+43.75	16.5 LT	7.09	I=4.48' (420-DMH)	I=4.48' (418-HDS) I=4.72' (415-DMH)	CONCENTRIC CYLINDRICAL STRUCTURE
418-HDS	SHANK PAINTER	35+44.15	32.7 LT	7.34	I=4.40' (419-CB) I=4.42' (417-DMH)	I=4.42' ()	CONCENTRIC CYLINDRICAL STRUCTURE
419-CB	SHANK PAINTER	35+34.41	34.6 LT	7.27		I=4.44' (418-HDS)	CONCENTRIC CYLINDRICAL STRUCTURE RECTANGULAR FRAME
420-DMH	SHANK PAINTER	35+55.65	16.4 LT	7.16	I=4.53' (422-GI) I=4.53' (421-GICI)	I=4.53' (417-DMH)	DMH WITH 4' DEEP SUMP
421-GICI	SHANK PAINTER	35+58.78	16.0 RT	7.18		I=4.66' (420-DMH)	CONCENTRIC CYLINDRICAL STRUCTURE RECTANGULAR FRAME
422-GI	SHANK PAINTER	35+67.93	16.0 LT	7.23		I=4.58' (420-DMH)	CONCENTRIC CYLINDRICAL STRUCTURE RECTANGULAR FRAME

DRAINAGE STRUCTURE TABLE							
NAME/TYPE	ALIGNMENT	STATION	OFFSET	RIM ELEV.	INV. ELEV. IN	INV. ELEV. OUT	REMARKS
Structure - (331)	SHANK PAINTER	23+50	10.1 LT	11.46	I=10.00' ()	I=10.00' ()	NULL STRUCTURE
Structure - (332)	SHANK PAINTER	25+09.16	24.2 LT	8.01	I=6.55' ()		NULL STRUCTURE

DRAINAGE STRUCTURE TABLE							
NAME/TYPE	ALIGNMENT	STATION	OFFSET	RIM ELEV.	INV. ELEV. IN	INV. ELEV. OUT	REMARKS
301-SMH	???	???	???	6.35	I=2.83' (302-SMH)		CONCENTRIC CYLINDRICAL STRUCTURE
302-SMH	???	???	???	4.47	I=3.28' ()	I=3.05' (301-SMH)	CONCENTRIC CYLINDRICAL STRUCTURE