

**SURVEYOR'S NOTES**

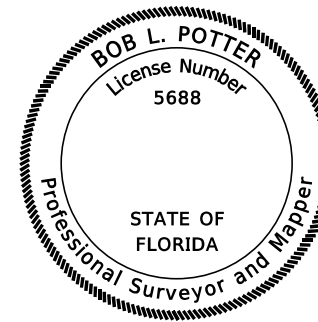
1. The purpose of this Specific Purpose Survey was to locate and identify underground utility lines that may be in conflict with proposed highway/roadway design elements. This is not a boundary survey.
2. Field survey data collection was collected between March 21, 2022 and October 24, 2022 as recorded in field book 1779, pages 27-48; book 1782, pages 44-77; book 1798, pages 13-21, and book 1833, pages 33-35.
3. Horizontal positions were tied to Baseline Survey monumentation depicted on FDOT 444612-1-52-01 SR 45 Roadway Plans "Project Control" sheets, and also compared and related to the MicroStation file ALGNRD01.DGN. The horizontal positions have been tested and found to be accurate to 0.1' +/-.
4. Elevations were tied to project benchmarks depicted on FDOT 444612-1-52-01 SR 45 Roadway Plans "Project Control" sheets. The Vertical Datum reported thereon is North American Vertical Datum of 1988 (NAVD 88). The elevations have been tested and found to be accurate to 0.05' +/-.
5. The station and offsets are relative to the baselines depicted on the FDOT 444612-1-52-01 SR 45 Roadway Plans.
6. All measurements are in U.S. Survey Feet or decimals thereof unless otherwise stated.
7. Project field survey data was collected using a combination of RTK GPS and conventional instrumentation (Total Station & Automatic level) with hand held data collectors. Subsurface locations and elevations were determined either by direct readings on vacuum exposed utility lines or through the use of Ground Penetrating Radar (GPR) and passive or inductive electromagnetic scanning equipment. These electronically designated lines may deviate from the actual utility location and should be considered approximate.
8. Utilization of the above equipment and methods is the industry recognized standard for finding and locating underground utilities. Although effective and reliable, there is a possibility that all utilities may not be detected due to environmental conditions, soil conditions, water table, excessive depth, and/or feature makeup.
9. Surface elevations and measure downs (depth of cover) are valid at the date of this survey only as surface grade conditions may change over time.
10. Utility size reflects the approximate outside diameter unless otherwise specified. Utility size and material composition were collected by field observation under adverse conditions and should be considered approximate.
11. Utility owners' names reflect information obtained from field observations, field meetings, and utility research and may not reflect actual ownership.
12. Measurements described as "Electronic Depth Only", if any, have been obtained by electronic designating equipment.
13. The 3-dimensional position of electronically designated utilities has not been physically measured and should be considered approximate.
14. The surrounding utilities shown as electronic designation and other Vvh holes must be carefully considered prior to the design and/or placement of proposed structures.

**LEGEND**

+/-	More or less	Inc.	Incorporated
⊖	Baseline	LB	Florida Licensed Business Number
⊕	Centerline	LT	Left
ACP	Asbestos Cement Pipe	N/A	Not Applicable
CIP	Cast Iron Pipe	No. or #	Number
DBC	Direct Buried Cable	PSM	Professional Surveyor and Mapper
DIP	Ductile Iron Pipe	PVC	Polyvinyl Chloride
F.A.C.	Florida Administrative Code	RCP	Reinforced Concrete Pipe
FDOT	Florida Department of Transportation	RT	Right
ft or '	Foot or Feet	RTK	Real-time Kinematic
GPR	Ground Penetrating Radar	SR	State Road
GPS	Global Positioning System	U.S.	United States of America
HDPE	High-Density Polyethylene	Vvh	Verified Vertical Horizontal Utility Location
ID	Identification	VCP	Vitrified Clay Pipe
		"	Inch or Inches

SURVEY LIMITS: SR 45 from Edwards Drive to Magellan Drive

THIS ITEM HAS BEEN DIGTALLY SIGNED AND SEALED BY:



ON THE DATE ADJACENT TO THE SEAL.

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AIM ENGINEERING AND SURVEYING, INC.  
 2161 FOWLER ST., SUITE 100  
 FORT MYERS, FLORIDA 33901  
 CERTIFICATE OF AUTHORIZATION NO. 3114  
 BOB L. POTTER, PSM 5688

THE ABOVE NAMED PROFESSIONAL SURVEYOR & MAPPER SHALL BE RESPONSIBLE FOR THE FOLLOWING SHEETS IN ACCORDANCE WITH RULE 5J-17.062, F.A.C.

SHEET NO.  
 UTV-1 - UTV-6

SHEET DESCRIPTION  
 VERIFIED UTILITY LOCATE SHEET

10/25/2022 3:33:41 PM S:\Haldonado J:\Active\22-1026 T\10#39 SR45 444612\Working\2210\_SM\_SUE\util\15\SBV\HRD01.dgn

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 5J-17.062, F.A.C.

REVISIONS				AIM ENGINEERING & SURVEYING, INC. 2161 FOWLER STREET, SUITE 100 FORT MYERS, FLORIDA 33901 TELEPHONE (239) 332-4569 BOB L. POTTER, PSM NO. 5688	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			VERIFIED UTILITY LOCATE SHEET	SHEET NO. UTV-1
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 45	MANATEE	444612-1-52-01		

**SUMMARY OF VERIFIED UTILITIES**

Vvh #	UTILITY DESCRIPTION (Owner, type)	SIZE	MATERIALS	E and/or C			EXISTING GROUND ELEVATION	TOP ELEVATION	COMMENTS
				STATION	OFFSET	LT/RT			
Vvh 1	EXPLORATORY	N/A	N/A	1204+11.6	75.1'	LT	21.7'	14.7'	
Vvh 2	EXPLORATORY	N/A	N/A	1204+16.5	74.2'	LT	21.9'	14.9'	
Vvh 3	FRONTIER, FIBER OPTIC	3-3"	ACP	1204+31.3	53.5'	LT	21.3'	17.7'	
Vvh 4	FRONTIER, TELEPHONE	1.25"	DBC	1204+29.2	54.2'	LT	21.4'	19.8'	
Vvh 5	EXPLORATORY	N/A	N/A	1204+29.3	54.6'	LT	21.4'	11.4'	
Vvh 6	EXPLORATORY	N/A	N/A	1204+31.2	48.7'	LT	21.2'	11.2'	
Vvh 7	FRONTIER, TELEPHONE	1.5"	LEAD	1207+73.8	52.5'	LT	22.0'	19.9'	
Vvh 8	FRONTIER, TELEPHONE	1"	LEAD	1207+73.8	52.0'	LT	22.0'	19.5'	
Vvh 9	EXPLORATORY	N/A	N/A	1207+73.0	54.5'	LT	22.2'	15.2'	
Vvh 10	EXPLORATORY	N/A	N/A	1207+72.9	48.7'	LT	21.9'	14.9'	
Vvh 11	FRONTIER, TELEPHONE	1.25"	LEAD	1207+69.8	54.7'	RT	22.0'	20.2'	
Vvh 12	MANATEE COUNTY, FIBER OPTIC	1-1.5"/1-1"	HDPE	1207+70.3	61.5'	RT	22.5'	20.8'	
Vvh 13	MANATEE COUNTY, WATER MAIN	6"	PVC	1207+73.4	61.1'	RT	22.5'	19.1'	
Vvh 14	SPECTRUM, CABLE TELEVISION	2-1.5"	HDPE	1207+73.4	62.9'	RT	22.6'	20.1'	
Vvh 15	FRONTIER, TELEPHONE	6-4"	PVC	1207+66.1	56.6'	RT	22.2'	20.0'	
Vvh 16	MCI, FIBER OPTIC	1.5"	HDPE	1207+71.7	57.4'	RT	22.3'	18.7'	PROBE LOCATE ONLY
Vvh 17	FDOT, STREET LIGHTING	1.25"	HDPE	1223+33.4	54.6'	RT	23.5'	21.7'	
Vvh 18	MANATEE COUNTY, FIBER OPTIC	1-1.5"/1-1"	HDPE	1223+33.1	60.1'	RT	23.7'	20.8'	
Vvh 19	ZAYO, FIBER OPTIC	3-1.25"	HDPE	1223+33.6	56.1'	RT	23.6'	16.0'	PROBE LOCATE ONLY
Vvh 20	EXPLORATORY	N/A	N/A	1223+33.5	55.8'	RT	23.6'	14.6'	
Vvh 21	EXPLORATORY	N/A	N/A	1223+33.3	59.0'	RT	23.7'	14.7'	
Vvh 22	MANATEE COUNTY, FIBER OPTIC	1-1.5"/1-1"	HDPE	1232+76.8	60.4'	RT	23.6'	21.5'	
Vvh 23	EXPLORATORY	N/A	N/A	1232+73.6	60.2'	RT	23.5'	13.5'	
Vvh 24	EXPLORATORY	N/A	N/A	1232+74.3	56.5'	RT	23.4'	13.4'	
Vvh 25	MANATEE COUNTY, ELECTRIC	2-1"	HDPE	1233+66.5	82.6'	RT	23.4'	22.4'	ELECTRIC FOR CLOSED-CIRCUIT TELEVISION CAMERA
Vvh 26	EXPLORATORY	N/A	N/A	1233+65.5	85.0'	RT	23.5'	13.5'	
Vvh 27	EXPLORATORY	N/A	N/A	1233+69.9	85.2'	RT	23.5'	13.5'	
Vvh 28	TECO, GAS MAIN	2"	HDPE	1234+11.7	61.1'	RT	23.3'	21.3'	
Vvh 29	EXPLORATORY	N/A	N/A	1234+11.2	60.6'	RT	23.8'	13.8'	
Vvh 30	EXPLORATORY	N/A	N/A	1234+11.2	57.0'	RT	23.2'	13.2'	
Vvh 31	FRONTIER, TELEPHONE	1.25"	DBC	1233+70.9	90.2'	LT	23.5'	21.6'	
Vvh 32	FRONTIER, TELEPHONE	0.5"	DBC	1233+70.6	87.8'	LT	23.5'	21.1'	
Vvh 33	FRONTIER, TELEPHONE	3"	DBC	1233+71.4	87.3'	LT	23.5'	20.9'	
Vvh 34	MANATEE COUNTY, WATER MAIN	8"	DIP	1233+71.9	86.9'	LT	23.4'	21.6'	
Vvh 35	FRONTIER, TELEPHONE	0.25"	LEAD	1233+73.1	87.0'	LT	23.5'	22.8'	
Vvh 36	FRONTIER, TELEPHONE	0.25"	LEAD	1233+73.9	86.4'	LT	23.3'	21.4'	
Vvh 37	TECO, GAS MAIN	1.25"	HDPE	1233+74.1	86.2'	LT	23.3'	21.8'	
Vvh 38	EXPLORATORY	N/A	N/A	1233+71.0	87.1'	LT	23.5'	13.5'	
Vvh 39	EXPLORATORY	N/A	N/A	1233+74.4	84.9'	LT	23.3'	13.3'	
Vvh 40	MANATEE COUNTY, WATER MAIN	8"	CIP	1233+53.1	58.3'	LT	23.0'	20.6'	
Vvh 41	FRONTIER, TELEPHONE	2"	DBC	1233+53.0	58.8'	LT	23.0'	20.7'	
Vvh 42	FRONTIER, TELEPHONE	0.5"	DBC	1233+53.1	57.6'	LT	23.0'	18.7'	
Vvh 43	FRONTIER, FIBER OPTIC	2-2"	PVC	1233+53.0	57.0'	LT	23.0'	17.8'	
Vvh 44	MANATEE COUNTY, SANITARY GRAVITY SEWER	8"	VCP	1233+52.8	57.8'	LT	23.0'	14.3'	PROBE LOCATE ONLY
Vvh 45	EXPLORATORY	N/A	N/A	1233+52.7	61.6'	LT	23.2'	13.2'	
Vvh 46	EXPLORATORY	N/A	N/A	1233+50.9	57.7'	LT	23.0'	13.0'	
Vvh 47	TECO, GAS MAIN	2"	HDPE	1234+44.5	60.2'	LT	23.8'	21.6'	
Vvh 48	EXPLORATORY	N/A	N/A	1234+44.6	59.6'	LT	23.3'	13.3'	
Vvh 49	EXPLORATORY	N/A	N/A	1234+44.7	56.2'	LT	23.2'	13.2'	
Vvh 50	FRONTIER, TELEPHONE	0.5"	DBC	1238+11.6	68.0'	LT	22.5'	20.4'	
Vvh 51	FRONTIER, FIBER OPTIC	2-1.25"	HDPE	1238+13.5	67.8'	LT	22.4'	20.1'	
Vvh 52	TECO, GAS MAIN	2"	HDPE	1238+15.8	67.4'	LT	22.3'	20.3'	
Vvh 53	EXPLORATORY	N/A	N/A	1238+16.5	67.2'	LT	22.2'	15.2'	
Vvh 54	EXPLORATORY	N/A	N/A	1238+10.4	68.1'	LT	22.5'	15.5'	
Vvh 55	FRONTIER, FIBER OPTIC	1.25"	HDPE	1237+51.0	54.9'	LT	22.4'	20.5'	
Vvh 56	FDOT, STREET LIGHTING	1.5"	PVC	1237+49.1	54.4'	LT	22.4'	21.2'	
Vvh 57	FRONTIER, TELEPHONE	1.25"	LEAD	1237+51.0	53.3'	LT	22.3'	20.0'	
Vvh 58	FRONTIER, TELEPHONE	1"	LEAD	1237+51.0	52.9'	LT	22.3'	19.9'	
Vvh 59	TECO, GAS MAIN	2"	HDPE	1237+50.8	51.7'	LT	22.2'	20.8'	
Vvh 60	TECO, GAS MAIN	4"	HDPE	1237+50.7	50.2'	LT	22.2'	19.1'	
Vvh 61	EXPLORATORY	N/A	N/A	1237+51.0	54.6'	LT	22.4'	15.4'	
Vvh 62	EXPLORATORY	N/A	N/A	1237+50.7	49.3'	LT	22.3'	15.3'	
Vvh 63	FRONTIER, TELEPHONE	0.5"	DBC	1243+49.1	69.9'	LT	21.9'	20.4'	
Vvh 64	EXPLORATORY	N/A	N/A	1243+51.6	68.4'	LT	22.1'	14.1'	

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<table border="1"> <thead> <tr> <th colspan="2">REVISIONS</th> </tr> <tr> <th>DATE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> </tr> </tbody> </table>				REVISIONS		DATE	DESCRIPTION			AIM ENGINEERING & SURVEYING, INC. 2161 FOWLER STREET, SUITE 100 FORT MYERS, FLORIDA 33901 TELEPHONE (239) 332-4569 BOB L. POTTER, PSM NO. 5688		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION <table border="1"> <tr> <th>ROAD NO.</th> <th>COUNTY</th> <th>FINANCIAL PROJECT ID</th> </tr> <tr> <td>SR 45</td> <td>MANATEE</td> <td>444612-1-52-01</td> </tr> </table>			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	SR 45	MANATEE	444612-1-52-01	VERIFIED UTILITY LOCATE SHEET		SHEET NO. UTV-2
REVISIONS																							
DATE	DESCRIPTION																						
ROAD NO.	COUNTY	FINANCIAL PROJECT ID																					
SR 45	MANATEE	444612-1-52-01																					

**SUMMARY OF VERIFIED UTILITIES**

Vvh #	UTILITY DESCRIPTION (Owner, type)	SIZE	MATERIALS	E and/or C			EXISTING GROUND ELEVATION	TOP ELEVATION	COMMENTS
				STATION	OFFSET	LT/RT			
Vvh 65	EXPLORATORY	N/A	N/A	1243+47.5	71.0'	LT	21.8'	13.8'	
Vvh 66	TECO,GAS MAIN	4"	HDPE	1243+80.1	49.2'	LT	21.6'	17.9'	
Vvh 67	FRONTIER,TELEPHONE	1"	LEAD	1243+80.2	53.3'	LT	21.7'	19.9'	
Vvh 68	FRONTIER,TELEPHONE	1.25"	LEAD	1243+80.5	53.6'	LT	21.7'	19.9'	
Vvh 69	FDOT,STREET LIGHTING	2"	PVC	1243+80.5	54.0'	LT	21.7'	19.8'	
Vvh 70	EXPLORATORY	N/A	N/A	1243+80.6	54.4'	LT	21.8'	13.8'	
Vvh 71	EXPLORATORY	N/A	N/A	1243+80.0	49.8'	LT	21.6'	13.6'	
Vvh 72	FDOT,STREET LIGHTING	2"	PVC	1244+96.7	54.7'	LT	22.2'	19.9'	
Vvh 73	FRONTIER,TELEPHONE	1.25"	LEAD	1244+96.5	53.7'	LT	22.1'	20.0'	
Vvh 74	FRONTIER,TELEPHONE	1"	LEAD	1244+96.2	53.5'	LT	22.1'	20.0'	
Vvh 75	EXPLORATORY	N/A	N/A	1244+93.7	54.9'	LT	22.2'	14.2'	
Vvh 76	EXPLORATORY	N/A	N/A	1244+93.5	59.5'	LT	23.4'	15.4'	
Vvh 77	EXPLORATORY	N/A	N/A	1248+76.5	81.5'	LT	23.2'	15.7'	
Vvh 78	EXPLORATORY	N/A	N/A	1248+80.9	78.8'	LT	23.4'	15.9'	
Vvh 79	FRONTIER,TELEPHONE	1.25"	LEAD	1248+91.2	54.6'	LT	23.0'	19.7'	
Vvh 80	FRONTIER,TELEPHONE	1-1"/1-0.5"	LEAD	1248+91.1	54.1'	LT	23.0'	19.7'	
Vvh 81	TECO,GAS MAIN	4"	HDPE	1248+91.1	52.5'	LT	22.9'	17.7'	
Vvh 82	FDOT,STREET LIGHTING	2"	PVC	1248+91.1	51.0'	LT	22.8'	19.3'	
Vvh 83	EXPLORATORY	N/A	N/A	1248+91.2	54.3'	LT	23.0'	16.0'	
Vvh 84	EXPLORATORY	N/A	N/A	1248+91.1	49.7'	LT	22.9'	15.9'	
Vvh 85	EXPLORATORY	N/A	N/A	1254+05.0	77.7'	LT	24.2'	17.2'	
Vvh 86	EXPLORATORY	N/A	N/A	1254+00.1	81.1'	LT	23.9'	16.9'	
Vvh 87	TECO,GAS MAIN	4"	HDPE	1254+16.1	54.7'	LT	24.0'	21.4'	
Vvh 88	FRONTIER,FIBER OPTIC	1.25"	HDPE	1254+16.1	53.6'	LT	24.0'	21.4'	
Vvh 89	FDOT,STORM SEWER	24"	RCP	1254+16.2	52.3'	LT	23.9'	20.7'	
Vvh 90	EXPLORATORY	N/A	N/A	1254+15.7	54.2'	LT	24.0'	17.0'	
Vvh 91	EXPLORATORY	N/A	N/A	1254+15.8	49.6'	LT	23.9'	16.9'	
Vvh 92	TECO,GAS MAIN	2"	HDPE	1224+70.5	54.5'	LT	23.7'	21.3'	
Vvh 93	TECO,GAS MAIN	4"	HDPE	1256+30.2	55.8'	LT	24.5'	21.4'	
Vvh 94	TECO,GAS MAIN	4"	HDPE	1259+67.2	53.7'	LT	24.5'	21.2'	
Vvh 95	TECO,GAS MAIN	4"	HDPE	1261+75.1	53.8'	LT	24.2'	22.0'	
Vvh 96	MANATEE COUNTY,WATER MAIN	6"	HDPE	1275+87.1	60.6'	LT	22.4'	17.0'	
Vvh 97	MANATEE COUNTY,SANITARY GRAVITY SEWER	8"	VCP	1275+86.3	56.4'	LT	22.2'	19.4'	
Vvh 98	FDOT,STREET LIGHTING	2"	PVC	1275+86.6	54.4'	LT	22.2'	20.0'	
Vvh 99	EXPLORATORY	N/A	N/A	1275+86.0	60.0'	LT	22.3'	12.3'	
Vvh 100	EXPLORATORY	N/A	N/A	1275+85.9	56.2'	LT	22.2'	12.2'	
Vvh 101	TECO,GAS MAIN	4"	HDPE	1275+93.5	52.0'	LT	21.9'	19.8'	
Vvh 102	FRONTIER,FIBER OPTIC	1.25"	HDPE	1275+93.6	53.2'	LT	22.1'	20.0'	
Vvh 103	FDOT,STREET LIGHTING	2"	PVC	1275+93.6	54.4'	LT	22.2'	20.1'	
Vvh 104	MANATEE COUNTY,SANITARY GRAVITY SEWER	8"	VCP	1275+93.7	56.3'	LT	22.3'	19.4'	
Vvh 105	MANATEE COUNTY,WATER MAIN	6"	HDPE	1275+93.6	59.8'	LT	22.4'	16.7'	
Vvh 106	EXPLORATORY	N/A	N/A	1275+94.6	60.7'	LT	22.5'	10.5'	
Vvh 107	EXPLORATORY	N/A	N/A	1275+98.6	57.3'	LT	22.4'	10.4'	
Vvh 108	EXPLORATORY	N/A	N/A	1275+94.8	54.3'	LT	22.3'	10.3'	
Vvh 109	EXPLORATORY	N/A	N/A	1275+92.4	57.2'	LT	22.3'	10.3'	
Vvh 110	TECO,GAS MAIN	4"	HDPE	1276+16.6	52.0'	LT	22.0'	19.6'	
Vvh 111	EXPLORATORY	N/A	N/A	1275+94.8	57.1'	LT	22.3'	10.3'	
Vvh 112	FRONTIER,FIBER OPTIC	1.25"	HDPE	1276+18.9	54.4'	LT	22.2'	20.4'	
Vvh 113	MANATEE COUNTY,WATER MAIN	16"	CIP	1276+18.9	56.0'	LT	22.2'	19.8'	CASING
Vvh 114	FDOT,STREET LIGHTING	2"	PVC	1276+19.0	54.1'	LT	21.9'	19.8'	
Vvh 115	MANATEE COUNTY,WATER MAIN	16"	CIP	1276+25.3	56.1'	LT	22.2'	19.8'	CASING
Vvh 116	MANATEE COUNTY,TRAFFIC SIGNAL	3"	PVC	1276+99.4	73.3'	LT	22.3'	18.7'	
Vvh 117	MANATEE COUNTY,WATER MAIN	6"	CIP	1276+94.5	81.6'	LT	22.3'	20.6'	
Vvh 118	MANATEE COUNTY,WATER MAIN	6"	HDPE	1276+93.5	81.6'	LT	22.4'	20.0'	
Vvh 119	TECO,GAS MAIN	4"	HDPE	1276+28.4	55.7'	LT	21.9'	20.1'	
Vvh 120	MANATEE COUNTY,TRAFFIC SIGNAL	2-2"	PVC	1276+27.3	61.1'	LT	22.4'	20.8'	
Vvh 121	TECO,GAS MAIN	4"	HDPE	1276+28.4	59.7'	LT	22.3'	19.9'	
Vvh 122	FDOT,STREET LIGHTING	2"	PVC	1276+26.4	54.2'	LT	22.1'	18.5'	
Vvh 123	EXPLORATORY	N/A	N/A	1276+25.0	56.2'	LT	22.2'	12.2'	
Vvh 124	EXPLORATORY	N/A	N/A	1276+25.8	60.2'	LT	22.3'	12.3'	
Vvh 125	MANATEE COUNTY,TRAFFIC SIGNAL	2"	PVC	1276+15.3	53.1'	LT	22.0'	14.7'	PROBE LOCATE ONLY
Vvh 126	TECO,GAS MAIN	4"	HDPE	1276+92.3	81.6'	LT	22.4'	11.0'	PROBE LOCATE ONLY
Vvh 127	MANATEE COUNTY,TRAFFIC SIGNAL	2"	PVC	1276+39.1	67.7'	LT	22.5'	20.4'	
Vvh 128	TECO,GAS MAIN	4"	HDPE	1276+38.8	66.5'	LT	21.5'	19.1'	

10/25/2022 11:06:58 AM S:\alidondado J:\Active 22-1626 T10#39 SR45 444612\Working\2210\_SM\_51UE\utilis\_SBI\HRD03.dgn

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 5J-17.062, F.A.C.

<table border="1"> <thead> <tr> <th colspan="2">REVISIONS</th> </tr> <tr> <th>DATE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> </tbody> </table>				REVISIONS		DATE	DESCRIPTION							AIM ENGINEERING & SURVEYING, INC. 2161 FOWLER STREET, SUITE 100 FORT MYERS, FLORIDA 33901 TELEPHONE (239) 332-4569 BOB L. POTTER, PSM NO. 5688			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION <table border="1"> <tr> <th>ROAD NO.</th> <th>COUNTY</th> <th>FINANCIAL PROJECT ID</th> </tr> <tr> <td>SR 45</td> <td>MANATEE</td> <td>444612-1-52-01</td> </tr> </table>			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	SR 45	MANATEE	444612-1-52-01	VERIFIED UTILITY LOCATE SHEET		SHEET NO. UTV-3
REVISIONS																												
DATE	DESCRIPTION																											
ROAD NO.	COUNTY	FINANCIAL PROJECT ID																										
SR 45	MANATEE	444612-1-52-01																										

**SUMMARY OF VERIFIED UTILITIES**

Vvh #	UTILITY DESCRIPTION (Owner, type)	SIZE	MATERIALS	Ø and/or Ɔ			EXISTING GROUND ELEVATION	TOP ELEVATION	COMMENTS
				STATION	OFFSET	LT/RT			
Vvh 129	MANATEE COUNTY, WATER MAIN	6"	HDPE	1276+16.1	60.1'	LT	22.2'	16.3'	PROBE LOCATE ONLY
Vvh 130	MANATEE COUNTY, FIBER OPTIC	1.25"	HDPE	1276+22.2	59.6'	LT	22.3'	20.6'	
Vvh 131	MANATEE COUNTY, WATER MAIN	6"	HDPE	1276+36.9	59.0'	LT	22.0'	17.0'	PROBE LOCATE ONLY
Vvh 132	EXPLORATORY	N/A	N/A	1277+03.2	88.4'	LT	22.6'	12.6'	
Vvh 133	EXPLORATORY	N/A	N/A	1276+99.4	88.5'	LT	22.4'	12.4'	
Vvh 134	EXPLORATORY	N/A	N/A	1277+00.0	86.1'	LT	22.4'	10.4'	
Vvh 135	EXPLORATORY	N/A	N/A	1276+99.8	74.5'	LT	22.3'	10.3'	
Vvh 136	MANATEE COUNTY, SANITARY GRAVITY SEWER	8"	VCP	1277+35.9	56.2'	LT	22.1'	19.0'	PROBE LOCATE ONLY
Vvh 137	FDOT, STREET LIGHTING	2"	PVC	1277+35.1	53.2'	LT	22.1'	20.3'	
Vvh 138	EXPLORATORY	N/A	N/A	1277+35.1	49.0'	LT	22.0'	13.5'	
Vvh 139	EXPLORATORY	N/A	N/A	1277+36.3	55.3'	LT	22.1'	13.6'	
Vvh 140	MANATEE COUNTY, TRAFFIC SIGNAL	2"	PVC	1277+06.9	69.6'	LT	22.7'	21.3'	
Vvh 141	FDOT, STORM SEWER	30"	RCP	1277+35.1	50.5'	LT	22.0'	19.3'	
Vvh 142	MANATEE COUNTY, WATER MAIN	6"	HDPE	1277+08.5	60.6'	LT	22.3'	18.9'	
Vvh 143	MANATEE COUNTY, TRAFFIC SIGNAL	2-2"	PVC	1277+09.8	66.0'	LT	22.5'	21.2'	
Vvh 144	MANATEE COUNTY, TRAFFIC SIGNAL	2"	PVC	1277+23.3	61.5'	LT	22.5'	20.6'	
Vvh 145	MANATEE COUNTY, WATER MAIN	6"	CIP	1277+00.8	81.8'	LT	22.4'	19.3'	
Vvh 146	MANATEE COUNTY, WATER MAIN	6"	CIP	1276+99.8	88.8'	LT	22.5'	19.4'	PROBE LOCATE ONLY
Vvh 147	EXPLORATORY	N/A	N/A	1277+02.6	80.9'	LT	22.5'	10.5'	
Vvh 148	EXPLORATORY	N/A	N/A	1276+99.6	80.0'	LT	22.3'	10.3'	
Vvh 149	EXPLORATORY	N/A	N/A	1276+96.3	80.5'	LT	22.4'	10.4'	
Vvh 150	MANATEE COUNTY, SANITARY GRAVITY SEWER	8"	VCP	1277+21.4	56.3'	LT	22.2'	19.0'	
Vvh 151	MANATEE COUNTY, WATER MAIN	6"	HDPE	1277+21.8	57.7'	LT	22.2'	19.1'	
Vvh 152	EXPLORATORY	N/A	N/A	1277+21.4	60.0'	LT	22.2'	12.2'	
Vvh 153	EXPLORATORY	N/A	N/A	1277+20.2	56.2'	LT	22.2'	12.2'	
Vvh 154	MANATEE COUNTY, WATER MAIN	6"	CIP	1276+92.9	94.7'	RT	22.5'	20.9'	
Vvh 155	FRONTIER, FIBER OPTIC	1-2"/1-4"	PVC	1276+94.1	94.8'	RT	22.5'	19.6'	
Vvh 156	FRONTIER, TELEPHONE	0.5"	LEAD	1276+95.5	96.4'	RT	22.5'	20.3'	
Vvh 157	MANATEE COUNTY, TRAFFIC SIGNAL	2"	PVC	1276+95.7	96.7'	RT	22.5'	18.7'	
Vvh 158	MANATEE COUNTY, WATER MAIN	8"	CIP	1276+98.8	96.8'	RT	22.5'	19.4'	
Vvh 159	EXPLORATORY	N/A	N/A	1276+96.7	96.9'	RT	22.5'	12.5'	
Vvh 160	EXPLORATORY	N/A	N/A	1277+00.4	96.8'	RT	22.6'	12.6'	
Vvh 161	MANATEE COUNTY, FIBER OPTIC	1-1.25"/1-3"	PVC	1277+06.9	70.6'	RT	22.5'	21.0'	
Vvh 162	FRONTIER, FIBER OPTIC	4"	PVC	1277+07.5	67.6'	RT	22.6'	19.9'	
Vvh 163	FRONTIER, TELEPHONE	2"	DBC	1277+08.0	61.3'	RT	22.3'	19.8'	
Vvh 164	FRONTIER, FIBER OPTIC	4"	PVC	1277+13.1	64.5'	RT	22.6'	19.9'	
Vvh 165	FRONTIER, FIBER OPTIC	4"	PVC	1277+13.0	63.4'	RT	22.6'	15.0'	PROBE LOCATE ONLY
Vvh 166	FRONTIER, TELEPHONE	2"	DBC	1277+18.3	53.3'	RT	22.0'	20.0'	
Vvh 167	FRONTIER, TELEPHONE	2"	LEAD	1277+19.1	54.3'	RT	22.1'	19.7'	
Vvh 168	MANATEE COUNTY, SANITARY GRAVITY SEWER	8"	VCP	1277+17.0	57.2'	RT	22.2'	18.4'	
Vvh 169	EXPLORATORY	N/A	N/A	1277+18.7	56.6'	RT	22.2'	12.2'	
Vvh 170	FDOT, STREET LIGHTING	1.5"	PVC	1275+80.0	54.7'	RT	22.2'	20.2'	
Vvh 171	CROWN CASTLE, FIBER OPTIC	2"	HDPE	1275+79.9	54.4'	RT	22.2'	19.9'	
Vvh 172	MANATEE COUNTY, TRAFFIC SIGNAL	2-1"	PVC	1275+80.1	54.3'	RT	22.2'	19.5'	
Vvh 173	MANATEE COUNTY, SANITARY GRAVITY SEWER	8"	VCP	1275+79.0	57.0'	RT	22.2'	18.8'	
Vvh 174	FRONTIER, FIBER OPTIC	4"	HDPE	1275+79.6	61.6'	RT	22.5'	19.1'	
Vvh 175	MANATEE COUNTY, FIBER OPTIC	1.25"	HDPE	1275+79.6	61.4'	RT	22.4'	17.1'	
Vvh 176	EXPLORATORY	N/A	N/A	1275+79.8	60.1'	RT	22.4'	12.4'	
Vvh 177	EXPLORATORY	N/A	N/A	1275+78.9	56.4'	RT	22.2'	12.2'	
Vvh 178	FDOT, STREET LIGHTING	1.5"	PVC	1275+97.3	54.5'	RT	22.1'	20.2'	
Vvh 179	CROWN CASTLE, FIBER OPTIC	3"	ACP	1275+97.3	54.2'	RT	22.1'	20.2'	CASING
Vvh 180	MANATEE COUNTY, TRAFFIC SIGNAL	2-1"	PVC	1275+97.2	54.0'	RT	22.1'	19.8'	
Vvh 181	MANATEE COUNTY, SANITARY GRAVITY SEWER	8"	VCP	1275+99.0	56.9'	RT	22.2'	18.8'	
Vvh 182	MANATEE COUNTY, FIBER OPTIC	1.25"	HDPE	1276+00.0	61.5'	RT	22.5'	18.2'	
Vvh 183	FRONTIER, FIBER OPTIC	4"	HDPE	1275+99.8	61.6'	RT	22.5'	17.5'	
Vvh 184	EXPLORATORY	N/A	N/A	1275+99.0	56.0'	RT	22.2'	12.2'	
Vvh 185	EXPLORATORY	N/A	N/A	1275+99.1	60.2'	RT	22.4'	12.4'	
Vvh 186	FRONTIER, TELEPHONE	3"	PVC	1276+31.8	64.3'	RT	22.7'	21.0'	
Vvh 187	MANATEE COUNTY, TRAFFIC SIGNAL	2-2"	PVC	1276+33.9	70.8'	RT	22.7'	21.1'	
Vvh 188	SPECTRUM, CABLE TELEVISION	3"	PVC	1276+32.3	73.0'	RT	22.9'	21.6'	
Vvh 189	EXPLORATORY	N/A	N/A	1276+13.0	57.0'	RT	22.3'	10.3'	
Vvh 190	MANATEE COUNTY, FIBER OPTIC	1.25"	HDPE	1276+27.3	59.5'	RT	22.1'	19.3'	
Vvh 191	MANATEE COUNTY, FIBER OPTIC	1.25"	HDPE	1276+25.6	59.8'	RT	22.1'	18.6'	
Vvh 192	FRONTIER, TELEPHONE	1-1.25"/3-2"	PVC	1276+19.8	52.0'	RT	22.1'	21.0'	

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REVISIONS				AIM ENGINEERING & SURVEYING, INC.  2161 FOWLER STREET, SUITE 100 FORT MYERS, FLORIDA 33901 TELEPHONE (239) 332-4569 BOB L. POTTER, PSM NO. 5688	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			VERIFIED UTILITY LOCATE SHEET	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 45	MANATEE	444612-1-52-01		UTV-4

**SUMMARY OF VERIFIED UTILITIES**

Vvh #	UTILITY DESCRIPTION (Owner, type)	SIZE	MATERIALS	Ø and/or C			EXISTING GROUND ELEVATION	TOP ELEVATION	COMMENTS
				STATION	OFFSET	LT/RT			
Vvh 193	EXPLORATORY	N/A	N/A	1276+27.5	57.2'	RT	22.0'	10.0'	
Vvh 194	MANATEE COUNTY,SANITARY GRAVITY SEWER	16"	CIP	1276+20.0	56.9'	RT	22.1'	19.0'	CASING
Vvh 195	FRONTIER,FIBER OPTIC	4"	HDPE	1276+21.4	61.1'	RT	22.5'	16.3'	
Vvh 196	MANATEE COUNTY,FIBER OPTIC	1.25"	HDPE	1276+21.4	60.7'	RT	22.3'	20.2'	
Vvh 197	FDOT,STREET LIGHTING	3"	PVC	1276+19.6	54.4'	RT	22.1'	20.3'	CASING
Vvh 198	FRONTIER,FIBER OPTIC	8"	PVC	1276+18.9	54.3'	RT	22.1'	20.1'	
Vvh 199	FRONTIER,TELEPHONE	0.5"	DBC	1276+18.0	54.4'	RT	22.2'	19.4'	
Vvh 200	EXPLORATORY	N/A	N/A	1276+18.9	53.1'	RT	22.2'	10.2'	
Vvh 201	EXPLORATORY	N/A	N/A	1276+20.8	57.0'	RT	22.1'	10.1'	
Vvh 202	EXPLORATORY	N/A	N/A	1276+19.0	62.3'	RT	22.8'	10.8'	
Vvh 203	FRONTIER,FIBER OPTIC	4"	HDPE	1279+50.4	61.3'	RT	22.6'	19.5'	
Vvh 204	FRONTIER,FIBER OPTIC	3"	ACP	1279+50.2	54.6'	RT	22.6'	19.8'	
Vvh 205	FRONTIER,TELEPHONE	2-1"	LEAD	1279+50.2	53.7'	RT	22.5'	19.3'	
Vvh 206	MANATEE COUNTY,SANITARY GRAVITY SEWER	8"	VCP	1279+51.0	56.5'	RT	22.6'	17.2'	
Vvh 207	EXPLORATORY	N/A	N/A	1279+51.9	55.3'	RT	22.6'	13.6'	
Vvh 208	EXPLORATORY	N/A	N/A	1279+51.9	58.7'	RT	22.6'	13.6'	
Vvh 209	EXPLORATORY	N/A	N/A	1277+38.2	57.7'	RT	22.3'	10.3'	
Vvh 210	EXPLORATORY	N/A	N/A	1277+17.3	60.1'	RT	22.3'	12.3'	
Vvh 211	FRONTIER,TELEPHONE	2"	LEAD	1277+39.4	54.6'	RT	22.2'	20.3'	
Vvh 212	EXPLORATORY	N/A	N/A	1277+38.3	57.2'	RT	22.2'	10.2'	
Vvh 213	EXPLORATORY	N/A	N/A	1277+32.1	57.6'	RT	22.2'	10.2'	
Vvh 214	FRONTIER,FIBER OPTIC	4"	PVC	1277+40.6	60.1'	RT	22.3'	20.0'	
Vvh 215	MANATEE COUNTY,SANITARY GRAVITY SEWER	8"	VCP	1277+39.6	57.3'	RT	22.2'	18.2'	
Vvh 216	EXPLORATORY	N/A	N/A	1277+38.6	60.1'	RT	22.3'	10.3'	
Vvh 217	EXPLORATORY	N/A	N/A	1277+38.8	54.3'	RT	22.2'	10.2'	
Vvh 218	FRONTIER,FIBER OPTIC	3"	ACP	1277+39.6	54.2'	RT	22.2'	20.0'	
Vvh 219	EXPLORATORY	N/A	N/A	1277+40.6	58.0'	RT	22.3'	10.3'	
Vvh 220	EXPLORATORY	N/A	N/A	1277+46.8	57.9'	RT	22.3'	10.3'	
Vvh 221	FRONTIER,TELEPHONE	2"	DBC	1277+19.3	53.7'	RT	22.0'	19.5'	
Vvh 222	FRONTIER,FIBER OPTIC	3"	ACP	1277+19.3	54.1'	RT	22.1'	18.9'	PROBE LOCATE ONLY
Vvh 223	FDOT,STORM SEWER	15"	RCP	1286+56.4	108.3'	LT	21.7'	19.1'	
Vvh 224	EXPLORATORY	N/A	N/A	1286+50.2	108.0'	LT	21.8'	11.8'	
Vvh 225	EXPLORATORY	N/A	N/A	1286+54.5	107.9'	LT	21.8'	11.8'	
Vvh 226	FDOT,STREET LIGHTING	2"	PVC	1286+07.9	54.1'	LT	22.4'	20.3'	
Vvh 227	MANATEE COUNTY,WATER MAIN	6"	HDPE	1286+05.6	55.6'	LT	22.5'	19.5'	
Vvh 228	MANATEE COUNTY,SANITARY GRAVITY SEWER	8"	VCP	1286+07.8	57.9'	LT	22.6'	15.3'	PROBE LOCATE ONLY
Vvh 229	EXPLORATORY	N/A	N/A	1286+08.0	55.8'	LT	22.5'	12.5'	
Vvh 230	EXPLORATORY	N/A	N/A	1286+06.6	60.1'	LT	22.6'	12.6'	
Vvh 231	FDOT,STREET LIGHTING	2"	PVC	1286+03.1	54.3'	RT	22.3'	20.0'	
Vvh 232	MANATEE COUNTY,SANITARY GRAVITY SEWER	8"	VCP	1286+04.5	57.6'	RT	22.3'	14.7'	PROBE LOCATE ONLY
Vvh 233	EXPLORATORY	N/A	N/A	1286+06.2	59.5'	RT	22.3'	12.3'	
Vvh 234	EXPLORATORY	N/A	N/A	1286+04.7	55.9'	RT	22.3'	12.3'	
Vvh 235	FRONTIER,FIBER OPTIC	4"	ACP	1286+05.2	54.4'	RT	22.4'	19.0'	
Vvh 236	FDOT,STREET LIGHTING	1-2"/1-3"	PVC	1296+02.7	56.6'	RT	10.1'	8.4'	
Vvh 237	UNITI,FIBER OPTIC	1.5"	HDPE	1296+02.4	57.5'	RT	10.2'	7.8'	
Vvh 238	EXPLORATORY	N/A	N/A	1296+02.6	56.0'	RT	10.0'	0.0'	
Vvh 239	EXPLORATORY	N/A	N/A	1296+02.9	60.0'	RT	10.4'	0.4'	
Vvh 240	FRONTIER,TELEPHONE	0.5"	LEAD	1287+02.7	93.0'	RT	21.8'	20.3'	
Vvh 241	EXPLORATORY	N/A	N/A	1287+02.0	93.2'	RT	21.76'	11.76'	
Vvh 242	EXPLORATORY	N/A	N/A	1287+06.1	93.2'	RT	21.8'	11.8'	
Vvh 243	FRONTIER,FIBER OPTIC	4"	ACP	1288+12.1	54.0'	RT	22.9'	20.8'	
Vvh 244	FDOT,STREET LIGHTING	1-2"/1-1"	PVC	1288+14.2	54.3'	RT	22.9'	20.4'	
Vvh 245	MANATEE COUNTY,SANITARY GRAVITY SEWER	8"	VCP	1288+14.1	55.3'	RT	22.9'	17.0'	PROBE LOCATE ONLY
Vvh 246	EXPLORATORY	N/A	N/A	1288+12.2	55.1'	RT	21.9'	12.9'	
Vvh 247	EXPLORATORY	N/A	N/A	1288+12.5	58.6'	RT	23.0'	14.0'	
Vvh 248	FDOT,STREET LIGHTING	2"	PVC	1292+78.9	54.4'	LT	16.1'	13.9'	
Vvh 249	MANATEE COUNTY,SANITARY GRAVITY SEWER	8"	VCP	1292+79.7	56.6'	LT	16.1'	11.5'	
Vvh 250	EXPLORATORY	N/A	N/A	1292+78.3	56.2'	LT	16.1'	7.1'	
Vvh 251	EXPLORATORY	N/A	N/A	1292+78.7	59.5'	LT	16.1'	7.1'	
Vvh 252	FRONTIER,FIBER OPTIC	4"	HDPE	1295+16.2	114.4'	LT	9.9'	7.8'	
Vvh 253	EXPLORATORY	N/A	N/A	1295+18.5	114.7'	LT	9.9'	-0.1'	
Vvh 254	EXPLORATORY	N/A	N/A	1295+15.5	114.6'	LT	9.9'	-0.1'	
Vvh 255	FRONTIER,FIBER OPTIC	4"	PVC	1294+69.5	60.8'	RT	12.2'	9.2'	
Vvh 256	MANATEE COUNTY,SANITARY GRAVITY SEWER	8"	VCP	1294+68.0	59.0'	RT	12.1'	8.2'	

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REVISIONS															
DATE	DESCRIPTION														
		ROAD NO.	COUNTY	FINANCIAL PROJECT ID											
		SR 45	MANATEE	444612-1-52-01											

