

SURVEYOR'S NOTES

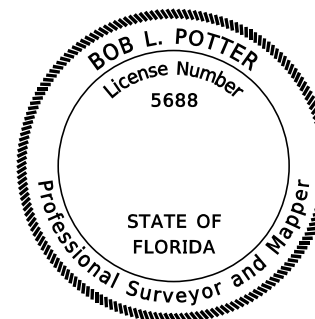
- The purpose of this Specific Purpose Survey was to locate and identify underground utility lines that may be in conflict with proposed highway/roadway design elements. This is not a boundary survey.
- Field survey data collection was collected between November 4th, 2020 and March 24th, 2021 as recorded in field book 1663, pages 76,79, field book 1672, page 29, field book 1679, pages 60-61,63-64,70, field book 1680, pages 72-73, field book 1683, pages 31,34-37, field book 1692, pages 44-59,61-76, field book 1694, pages 55-57,70-80, field book 1705, pages 44-55, and field book 1713, pages 12-36.
- Horizontal positions were tied to Survey Baseline monumentation depicted on FDOT 444008-4-52-01 SR 93 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' +/-.
- Elevations were tied to project benchmarks depicted on FDOT 444008-4-52-01 SR 93 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' +/-.
- The station and offsets are relative to the Survey Baselines depicted on the FDOT 444008-4-52-01 SR 93 Roadway Plans.
- All measurements are in U.S. Survey Feet or decimals thereof unless otherwise stated.
- 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.
- 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.
- 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.
- 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.
- Utility owners' names reflect information obtained from field observations, field meetings, and utility research and may not reflect actual ownership.
- Measurements described as "Electronic Depth Only", if any, have been obtained by electronic designating equipment.
- The 3-dimensional position of electronically designated utilities has not been physically measured and should be considered approximate.
- 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	MP	Mile Post
⊖	Baseline	N/A	Not Applicable
⊕	Centerline	NAVD 88	North American Vertical Datum of 1988
CIP	Cast Iron Pipe	NFV	Not Field Verified
DBC	Direct Buried Cable	No. or #	Number
DIP	Ductile Iron Pipe	PVC	Polyvinyl Chloride
F.A.C.	Florida Administrative Code	PSM	Professional Surveyor and Mapper
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	"	Inch or Inches
Inc.	Incorporated		
LB	Florida Licensed Business Number		
LT	Left		

SURVEY LIMITS: SR 93 from Toll Booth to the Broward County line.

THIS ITEM HAS BEEN DIGTALLY SIGNED AND SEALED BY:



ON THE DATE ADJACENT TO THE SEAL.

PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

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.

<u>SHEET NO.</u>	<u>SHEET DESCRIPTION</u>
UTV-1 - UTV-2	VERIFIED UTILITY LOCATE SHEET

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		UTV-1
					SR 93	COLLIER	444008-4-52-01		

