

Assenza, Adam

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Sent: Thursday, March 28, 2019 7:46 PM
To: Hocky, Eric M.
Cc: Surface Transportation Board; Christine Gallagher - NOAA Federal
Subject: NGS Response, STB Docket AB-400 (Sub. No. 7X)

Sorry for the delay in processing your request due to the existing backlog exacerbated by the recent government shutdown.

Thank you for sharing your proposed railroad abandonment for Sarasota County Florida.

There are **11** geodetic survey marks located in the area described. Although some of these marks are outside of the Right-of-Way and boundary of the abandonment they could be possibly damaged due to movement of heavy machinery and equipment in performing the abandonment.

In order to mitigate the risk of the potential disturbance and/or destruction of these marks, thus reducing geodetic control to local surveyors, the National Geodetic Survey (NGS) asks you to make every effort to preserve this valuable network of physical survey marks with established precise coordinates.

If a mark will be disturbed or destroyed by the abandonment, The Seminole Gulf Railway, L.P. shall consult with NGS at least 90 days prior to beginning salvage activities that will disturb, or destroy any geodetic station mark below.

Dist	PID...	Set.	Set_By	H	V	Vert_Source	Latitude.....	Longitude.....
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....	AG5025	1965	CGS...	1	88	ADJUSTED	N272040.....	W0823132.....
....	AG5022	1965	CGS...	1	88	ADJUSTED	N271955.....	W0823132.....
....	AG1937	1965	CGS...	1	88	ADJUSTED	N271920.....	W0822934.....
....	AG1938	1933	CGS...	1	88	ADJUSTED	N271832.....	W0822922.....
....	AG1939	UNK.	CGS...	1	88	ADJUSTED	N271827.....	W0822921.....
....	AG1940	1965	CGS...	1	88	ADJUSTED	N271828.4....	W0822922.2....
....	AG1941	1965	CGS...	1	88	ADJUSTED	N271754.....	W0822913.....
....	AG9342	1984	LOCSUR	2	88	ADJUSTED	N271756.0....	W0822914.1....
....	AG7669	1972	LOCSUR	2	88	ADJUSTED	N271756.....	W0822912.....
....	AG1944	1965	CGS...	1	88	ADJUSTED	N271701.....	W0822901.....
....	AG1946	1965	CGS...	1	88	ADJUSTED	N271635.5....	W0822855.9....

More information on recovering survey marks is online at
<http://geodesy.noaa.gov/marks/railroads/>

For guidance in preserving marks, mark resets, and destroyed marks please refer to **NOAA Manual NOS NGS 1, Geodetic Bench Marks 1978**, Richard P. Floyd at
https://geodesy.noaa.gov/PUBS_LIB/GeodeticBMs.pdf and **Bench Mark Reset Procedures 2010**, Curtis L. Smith at
https://www.ngs.noaa.gov/PUBS_LIB/Benchmark_4_1_2011.pdf.