

PICKETT, RAY & SILVER, INC.

CIVIL ENGINEERING, LAND SURVEYING & LAND PLANNING SERVICES

August 10, 2016
Revised 8/11/2016

The Glennon Company
Attn: Glenn Jamboretz
10 Lindworth Drive
St. Louis, MO 63124

RE: VALLEY PARK LEVEE TRAIL SPOT ELEVATIONS - RESULTS
PR&S PROPOSAL NO. 16035.GLON.00S

Dear Mr. Jamboretz:

This letter is to inform you that our field work has been completed at the Valley Park Levee. Our crew met with Professor Robert Criss on August 9, 2016 to obtain spot elevations at several locations as shown on the provided drawing. We are also providing you with a listing of the elevations that were obtained at the site.

Our crews set up a horizontal and vertical control network for the elevations that were required by Professor Criss. We performed the study by utilizing our GPS equipment; first establishing horizontal control utilizing the reference marks provided by the Missouri Department of Natural Resources, Division of Geology and Land Survey. We located Station SL-79 and held both horizontal and vertical locations at this point, checked into SL-59 and verified these benchmarks with St. Louis County benchmark system and utilized benchmarks 18239 and 18423. We have enclosed descriptions of all four of these control points for future reference and show the correlation between the four (4) benchmarks and how they check to one another. We also verified the flood gauge in Valley Park, which is referenced as Gauge #VLLM7.

Our crews were on-site and obtained a spot elevation along the Meramec River at approximately 8:28 a.m. and we have enclosed a river staging from the State of Missouri for that time, which was posted at a flood stage of 5.75. The gauge reading on-site was noted at 24.18 feet. The results of the finding are enclosed.

Also enclosed is a listing of field data obtained from the survey operations. The coordinates listed are Missouri State Plane Coordinates.

Very truly yours,

PICKETT, RAY & SILVER, INC.



David F. Skornia, P.L.S
Vice President, Director of Survey
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| POINT # | DESCRIPTION | NAVD88 | NGVD29 |
|---------|-----------------------------|--|--|
| 901 | Vance Road #1 Top Levee | 439.85 | 440.10 |
| 902 | Vance Road #2 | 443.30 | 443.55 |
| 903 | Gage BM Monument Disk | 412.90 | 413.15 |
| 905 | Staff Gage @ 24.18 | 415.56 | 415.81 |
| 906 | Boat Ramp Water @ 8:28 a.m. | 397.02 | 397.27 |
| 907 | Top Levee #2 | 438.17 | 438.42 |
| 908 | Top Levee #3 | 437.03 | 437.28 |
| 909 | SL-79 (Held) = BM 18186 | 422.57 | 422.82 |
| 910 | BM-18239 (checked) | 421.59 421.68 recorded | 421.84 421.95 recorded |
| 912 | BM 18423 (checked) | 426.56 426.56 recorded | 426.81 426.83 recorded |
| 913 | SL-59 (checked) | 516.82 516.73 recorded | 517.07 |
| | GAGE VLLM7 | 391.38 392.67 Recorded 1.29 Difference | 391.63 392.92 Recorded 1.29 Difference |