

## West Lafayette Parks & Recreation Memorandum

4/10/13

To: Redevelopment Commission

From: Joe Payne, Dan Dunten

Re: Acceptance of Quote for Topographic Survey and ADA Redesign of Wabash Heritage Trailhead at Indian Trail Drive

A quote was requested from TBIRD Design Services Corp. for Topographic Survey and ADA Redesign of the Wabash Heritage Trailhead at Indian Trail Drive. The attached proposal provides additional details.

We recommend acceptance of the responsive and responsible quote from TBIRD Design Services Corp. for an amount not-to-exceed \$17,500.00 for issuance of a purchase order.



Design Services Corporation

Engineering • Surveying • Environmental • Construction Management

April 5, 2013

Mr. Joe Payne  
Superintendent of Parks & Recreation  
City of West Lafayette, IN  
609 West Navajo Street  
West Lafayette, IN 47906  
Joe Payne ([jpayne@westlafayette.in.gov](mailto:jpayne@westlafayette.in.gov))

Re: Topographic Survey and ADA redesign of the Wabash Heritage Trailhead at Indian Trail Drive.

Mr. Payne,

TBIRD Design Services Corp. thanks you for giving us the opportunity to offer our land surveying and civil engineering services. The proposed project definition is to redesign the Wabash Heritage Trailhead at Indian Trail Drive in West Lafayette, Indiana. The project scope was discussed during our on-site meeting on Friday, June 15, 2012 and TBIRD proposes the following professional services.

### Topographic Survey

- Horizontal and Vertical Datums.
  - The horizontal datum will be the North American Datum of 1983 (NAD 83 (CORS96)), with further reference made to the Indiana State Plane Coordinate System, West Zone. Ground coordinates will be calculated utilizing a local scale point.
  - The vertical datum that will be used for this project is the North American Vertical Datum 1988 (NAVD 88) and will not reference a USGS Datum.
  - The horizontal and vertical datum's referenced above will allow for quick integration of all available City of West Lafayette and Tippecanoe County GIS data.
- Coordinate with all utility companies of record to obtain location, size and depth if available.
  - Indiana Underground will be contacted for the majority of private utility companies and the dig tickets will be supplied as part of the final deliverable.
  - Relevant available data from the Tippecanoe GIS will be incorporated.
- Collect survey topographic data which will identify the following information:
  - The topographic limits will begin at Indian Trail Drive and extend approximately 200 feet along the trail.
  - The most recent (March 2010) Tippecanoe County GIS Ortho Photo will be incorporated into the topographic survey deliverable.
  - All above ground features including but not limited to.
    - Full topo of all features within the project limits.
    - Location and trunk size of all trees greater than 8 inches in diameter measured at breast height (DBH). Canopy sizes will not be identified.





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**EXHIBIT "A"**

**SCHEDULE OF FEES**

January 1, 2013

<b>EMPLOYEE CLASSIFICATION</b>	<b>HOURLY BILLING RATE</b>
Senior Professional Engineer	\$130.00
Senior Professional Land Surveyor	\$130.00
Project Administration	\$130.00
Professional Engineer	\$115.00
Professional Land Surveyor	\$115.00
Project Designer / Surveyor	\$95.00
CAD Designer	\$80.00
Construction Manager	\$95.00
Construction Inspector/Technician	\$80.00
Administrative Assistant/Secretary	\$50.00
Erosion Control Specialist/Inspector	\$80.00
Survey Field Crew	\$125.00
Materials	Cost plus 15%
Reimbursable Expenses/Subcontracts	Cost plus 15%

**Note:**

Hourly billing rate include actual salary or wage, plus cost of benefits, including but not limited to: social security contributions, unemployment, excise and payroll taxes, worker's compensation, health and retirement benefits, bonuses and sick leave, vacation and holiday pay applicable thereto.

Overtime Rate shall be at a rate of 1.3 of hourly billing rate.

**Estimated hours**  
**Wabash Heritage Trailhead at Indian Trail Drive**

	<b>Classification</b>	<b>Time Quantity</b>	<b>Rate</b>
<b>Office</b>			
	Administrative Assistant	4	50
	Project Designer	16	95
	Professional Land Surveyor	8	115
	Professional Engineer	28	115
	CAD Designer	80	80
	Project Admin	8	130
	Project Manager	24	95
<b>Field</b>			
	Survey Field Crew	16	125