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**Parks and Recreation**

(317) 804-3184 admin office  
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2728 East 171st Street  
Westfield, IN 46074  
[westfield.in.gov](http://westfield.in.gov)

TO: Westfield Board of Works and Safety

From: Melody Jones

CC: Todd Burtron

Date: July 18, 2012

RE: Trail Gates

Board of Works and Safety

The Westfield Parks and Recreation Department is aggressively building a well-connected trail system for our community and visitors. We are dedicated to providing a safe environment for all trail users. Our trails are twelve foot wide with an asphalt surface and some vehicle drivers have mistakenly attempted to drive along the trail. We need to provide a better deterrent at some location where the trails intersect with our roadways. We identified twenty locations that need a fixture. Those locations are:

**Midland Trace Trail (six):**

East side of Carey Road (trail section to be completed later this year)  
West side of Carey Road  
East side of Cherry Street  
East side of Oak Ridge Road  
West side of Oak Ridge Road  
Simon Moon Park - internal trail leading to Midland

**Monon Trail (eight):**

South side of Greyhound Pass  
North side of Greyhound Pass  
South side of 156<sup>th</sup> Street  
North side of 156<sup>th</sup> Street  
South side of 161<sup>st</sup> Street  
North side of 161<sup>st</sup> Street  
South side of 169<sup>th</sup> Street  
North Side of 169<sup>th</sup> Street

**Natalie Wheeler Trail (six):**

North side of David Brown (169<sup>th</sup> Street)  
South side of David Brown  
North side of 161<sup>st</sup> Street

South side of 161<sup>st</sup> Street  
West side of South Union Street  
East side of South Union Street

We determined that we wanted to use a partial gate to serve this purpose. The gate would be seven feet long, extending 4 ½ feet into the trail use area; slowing down trail users as they approach the roadway and blocking the possibility of a vehicle to enter the trail right of way. Gates were decided upon instead of bollards for a couple of reasons; gates are more visual (they will be painted the color of the trail logo) for all concerned, and gates are easier to open in all types of weather for maintenance or emergency vehicles.

With that in mind we issued a Request for Quote on June 22<sup>nd</sup>. We gave specifications but asked the companies to propose their best sustainable design that would meet our purposes. We sent the request to four local metal fabricators. Only two responded.

CSI-Signs has a metal fabrication division. Their proposal was for steel gates and posts with a self-locking mechanism which will element the need for an additional stop post. We met with the management of CSI along with their fabricator and believe their product will be a long term sustainable solution to our safety concern on the trails. Their cost is \$31,000.

TC Property's proposal included aluminum gates and posts at a cost of \$17,000 for all 20 gates. We met with Tom Cline and asked TC Property's to resubmit using the same size steel as CSI's proposal but they did not resubmit.

Both proposals are attached.

We are asking the Board of Works to approve Westfield Parks and Recreation contract with CSI-Signs to manufacture and install 20 trail gates per specifications for an amount not to exceed \$31,000. The work is to be completed by September 14, 2012.

This project will be funded using Park Impact Fees.

## **Parks and Recreation**

(317) 804-3150 office  
(317) 804-3190 fax

2728 East 171st Street  
Westfield, IN 46074  
**westfield.in.gov**



July 6, 2012

RE: Request for Quotes – Wing Gates for Westfield Trail System

Dear Westfield Parks and Recreation Department,

CSI-Signs agrees to all terms per the RFQ. We have gone over all 3 sections and have agreed to all terms listed in the RFQ. In addition, we have provided 2 other options for this project. Please see below.

**A. General Requirements:**

1. CSI-Signs replied to invitation prior to June 26,2012
2. CSI-Signs didn't have any questions submitted.
3. No updates or answers were emailed on this project.
4. CSI-Signs will include everything that was called out in the detailed sheets.
5. CSI-Signs will use a subcontractor to prime and powder coat the gates – Indy Powder Coating and Gonzalez Home Improvement & Construction, Inc.
6. CSI-Signs did submit one electronic copy prior to 4:30 pm on July 6.
7. Quote was submitted to Melody Jones at [mjones@westfield.in.gov](mailto:mjones@westfield.in.gov)
8. CSI-Signs will accept entering into a contract no later than July 13, 2012.
9. CSI-Signs will be able to deliver and install the gates by August 24, 2012.

**B. Vendor Instructions:**

1. CSI-Signs agrees to design, manufacture and install.
2. CSI-Signs has designed, given manufacturing details and list of materials.
3. CSI-Signs will agree to design and fabricate per the contract.
4. CSI-Signs will install all gates and check with Parks Department prior to installation.
5. CSI-Signs will provide digital files to the Parks Department.

**C. Scope of Work**

1. General
  - a. All gates are made from steel (zinc enriched primer plus powder coating) that will withstand outdoor conditions. Gates will be warrantied for 5 years.
  - b. Gates will be set 2 ½ feet of the trail and extend 4 ½ feet into the trail pathway; for a total length of 7 feet long.
  - c. The gate post will not extend more than 4 feet above the ground.

- d. The gates will be designed to swing into place and lock in that position. A matching stop will accompany the gate at the proper location so the gate can be opened and locked in the open position (Per option 1).
- e. The gate stop will be located 2 ½ feet of the trail in alignment with the gate post (Per option 1).
- f. Gate post and the stops will be set in concrete.
- g. The finish will be powder coated paint in the appropriate color specific to that trail as called out per trail.

## 2. Midland Trace Trail

- a. Design six (6) Wing Gates for the Midland Trace Trail, and include all design specifications with the quote.
- b. Manufacture six (6) Wing Gates for the Midland Trace Trail
- c. Gates are to be powder coated using Pantone Color #364C (green)
- d. Verify gates locations with Westfield Parks Department
- e. Call in locates
- f. Install gates and stops per agreed upon specifications at the following locations:
  - i. Midland Trace Trail and east side of Carey Road (this may need to be installed by staff at a later date if the trail section is not completed in time).
  - ii. Midland Trace Trail and west side of Carey Road
  - iii. Midland Trace Trail and east side of Cherry Street
  - iv. Midland Trace Trail and east side of Oak Ridge Road
  - v. Midland Trace Trail and west side of Oak Ridge Road
  - vi. Simon Moon Park internal trail leading to Midland Trace Trail

## 3. Monon Trail

- a. Design eight (8) Wing Gates for the Monon Trail, and include all design specifications with the quote.
- b. Manufacture eight (8) Wing Gates for the Monon Trail
- c. Gates are to be powder coated using PMS Color #185 (red)
- d. Verify gates locations with Westfield Parks Department
- e. Call in locates
- f. Install gates and stops per agreed upon specification at the following locations:
  - i. Monon Trail and south side of Greyhound Pass



- ii. Monon Trail and north side of Greyhound Pass
- iii. Monon Trail and south side of 156<sup>th</sup> Street
- iv. Monon Trail and north side of 156<sup>th</sup> Street
- v. Monon Trail and south side of 161<sup>st</sup> Street
- vi. Monon Trail and north side of 161<sup>st</sup> Street
- vii. Monon Trail and south side of 169<sup>th</sup> Street
- viii. Monon Trail and north side of 169<sup>th</sup> Street

4. Natalie Wheeler Trail

- a. Design six (6) Wing Gates for the Natalie Wheeler Trail, and include all design specifications with the quote.
- b. Manufacture six (6) Wing Gates for the Natalie Wheeler Trail
- c. Gates are to be powder coated using Pantone Color #109C (yellow)
- d. Verify gates locations with Westfield Parks Department
- e. Call in locates
- f. Install gates and stops per agreed upon specifications at the following locations:
  - i. Natalie Wheeler Trail and north side of David Brown (169<sup>th</sup> Street)
  - ii. Natalie Wheeler Trail and south side of David Brown (169<sup>th</sup> Street)
  - iii. Natalie Wheeler Trail and north side of 161<sup>st</sup> Street
  - iv. Natalie Wheeler Trail and south side of 161<sup>st</sup> Street
  - v. Natalie Wheeler Trail and west side of South Union Street
  - vi. Natalie Wheeler Trail and east side of South Union Street

**Bid Package:**

**OPTION 1: To follow RFQ with Gate and stop posts – \$ 34,220.**

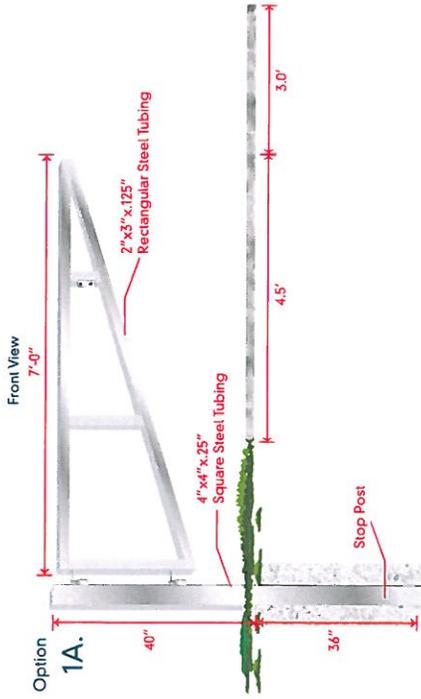
or

**OPTION 2: Follows RFQ with the exception of not needing a stop post because the gate is self-locking - \$ 31,000.**

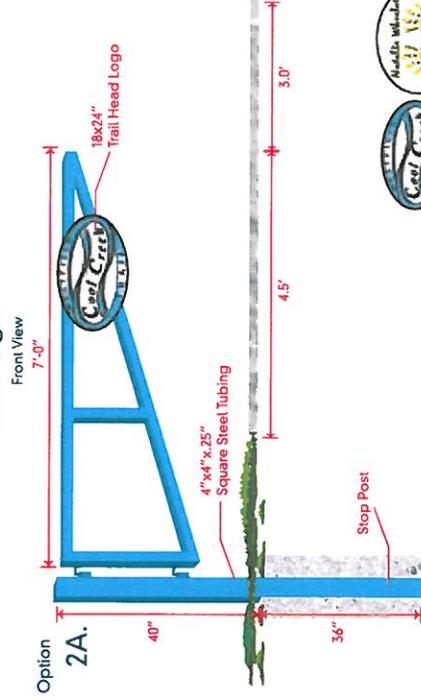
**ADD-ON: We have made the gates so that a Reflective Trail Head sign 18x24 can be attached to both sides of each gate. This add-on would include all 40 signs is an additional fee of \$ 4,200. Please not the drawing – showing what future gates at Cool Creek Trail would look like with gates.**

This is a custom gate package that is stronger than most pre-built gates. There are less expensive galvanized options but CSI-Signs can't stand behind the five year warranty nor is it the quality of work that we will do. If you have any questions per our bid/layouts please contact Amber Willis at [Amber@CSI-Signs.com](mailto:Amber@CSI-Signs.com) or 317-473-4322.

## Steel Gate



## Steel Gate Powder Coated with Sign



Option 1A.

Option 2A.

Front View

Front View

Aerial View

Aerial View

Option 1B.

Option 2B.

Front View

Front View

Aerial View

Aerial View

Optional Additional Stop Post

Optional Additional Stop Post

Date: 07.06.2012

Version: 2

Approved by: \_\_\_\_\_

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\* By approving this artwork, customer is also approving all spelling and grammar, therefore relenquishing CSI from any fault for typo's not corrected by customer before production.

FILE PATH:

## GATE INFORMATION

Includes:

- closed position locking mechanism
- 4x4x.25" steel stop post
- powder coat to match corresponding trail
- lock to be provided by City of Westfield
- sign mounting brackets

## COLOR VALUES

#1	C	M	Y	K
	0	0	0	0
#2	C	M	Y	K
	0	0	0	0

TC

**Quote**

Date	Quote #
7/6/2012	98

Property's  
Property's

4774 Nyla Ct  
Noblesville, IN  
46062

317-716-5578

tom.cline@comcast.net

Name / Address
Westfield Parks

Terms	P.O. No.

Item	Description	Qty/Hours	Rate	Total
custom gate	barrier gate 2 inch aluminum tube, 7 feet long with sealed ends fabricated to the specs that has been provided. To be power coated to the trails colors. Using malleable hinges that locks at 45 degrees. Head post to be 3 inch aluminum tube with sealed top. The head post will stand appr. 42 inches above ground and 36 inches below ground. Catch post will also be the same as the head post but will have a locking catch to secure the gate into the open position. 6 gates for the Midland Trace Trail powder coated to pantone #364c. Monon Trail will receive 8 gates coated to pantone #185c. The Natalie Wheeler Trail will receive 6 and coated to pantone #109c. Total of 20 gates.  The gate will be fabricated from 6061-t6 aluminum.	20	850.00	17,000.00
sub-contractors	Carmel Engineering and Schaffer Powder Coating		0.00	0.00
			<b>Total</b>	\$17,000.00