

# City of Beloit Kansas Chautauqua & Solomon River Park Improvements

## Scope of Work

*Updated: 6/12/24*

**PROJECT BACKGROUND:** The City of Beloit Kansas is seeking a contractor to make improvements in the Chautauqua and Solomon River Trail bike trails. The project was developed in partnership with volunteers from NCK Outdoors. NCK Outdoors, with input from its professional trail consultants and the City of Beloit, will provide consultation to ensure the project is constructed to the intent of the design. NCK Outdoors shall provide information, inspections and approval recommendations to the City of Beloit for all completed work products. City of Beloit shall solely provide final approval of all completed work products.

**PROJECT DESCRIPTION:** The improvements include three project areas and the construction of parking and trailhead staging areas complete with trailhead kiosk signs, trail counters and trail signage; a (½-mile) of multi-use natural surface purpose built bike skill trail with bike skill features in Solomon River Trail; a (½-mile) of multi-use natural surface purpose built bike skill loop with skill features in Chautauqua Park; a (½-mile) ADA accessible marked route utilizing existing roadways with roadway painting/ lane marking and formalized cross walks in Chautauqua Park; and an interpretive trail route that includes interpretive features located along the new trails.

**PROJECT #1: SOLOMON RIVER TRAIL IMPROVEMENTS:** The project includes: the construction of a designated parking and trailhead staging area at the River Street Trailhead Parking area located in the Nutrien parking lot, the installation of a trailhead kiosk with park map, trail counter, picnic table, (½-mile) natural surface bike skills trail, (12) skill features, (12) trail signs with post rock posts.

### Project #1 Includes: (Construction Deadline: 10/1/24)

1. (1) Parking and Staging Area
  - a. Contractor shall purchase and install (8) fieldstone boulders to frame out the parking lot area.
  - b. Contractor shall purchase and install an 8' Recycled Picnic Table from the lowest and most appropriate vendor
  - c. Contractor shall layout all improvements for approval by the City of Beloit, prior to commencement of work.
2. (1) Trailhead Kiosk w/ Park Map
  - a. Kiosk Foundation
    - i. Contractor shall flag the location for the Kiosk foundation, for approval by the City of Beloit.

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- ii. Contractor shall pay for the materials and labor to excavate the Kiosk foundations, frame and install rebar and pour the concrete for the Kiosk foundation.
  - b. Kiosk Structure
    - i. Kiosk Structure shall be fabricated by an approved vendor per the design developed by NCK Outdoors and approved by City of Beloit.
    - ii. Contractor shall pay for the fabrication and installation of the Kiosk Structure.
  - c. Kiosk Sign Panels w/ Map
    - i. Sign Panel graphics shall be designed by NCK Outdoors for approval by the City of Beloit.
    - ii. Sign Panels shall be fabricated by an approved vendor and paid for by Contractor.
    - iii. Contractor shall pay for the fasteners and installation of the panels onto the sign structure.
- 3. (1) Trail Counter
  - a. Eco-Counter (Pyro Mini) Trail Counter by Eco Counter shall be purchased and installed by Contractor at a location specified by NCK Outdoors and the City of Beloit
  - b. Trail Counter shall be setup and maintained by NCK Outdoors and data shall be provided to the City of Beloit as collected and put into an annual summary data report.
- 4. (1½-mile) Natural Surface Bike Skill Trail
  - a. Contractor shall construct the Bike Skill Trail which shall include: trail layout, clearing, grading, drainage, and integration of features.
  - b. Contractor shall construct the Bike Skill Trail to be 2,640' in length with a 6' wide constructed tread, and an 8' wide by 8' high cleared trail corridor.
  - c. Contractor shall layout all improvements for approval by the City of Beloit, prior to commencement of work.
- 5. (12) Bike Skill Features
  - a. Contractor shall pay for the materials, construction and installation of 12 skill features on the bike Skill Trail. Features shall include: (3) natural timber log rides, (3) post rock rock rides, (3) dirt features and (3) site built ladder bridge features.
  - b. Contractor shall lay out all improvements for approval by the City of Beloit, prior to commencement of work.
- 6. (12) Trail Signs w/ Post Rock Posts
  - a. Trail Sign Graphics shall be designed by NCK Outdoors for approval by the City of Beloit.

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- b. Trail Sign Panels shall be fabricated by an approved vendor and paid for and installed by Contractor.
  - c. Post Rock Posts shall be paid for, sourced and installed by Contractor.
7. (6) Interpretive Trail Features
- a. Interpretive Trail Features by an approved vendor and shall be paid for, fabricated and installed by contractor.

**PROJECT #2: CHAUTAUQUA PARK - MILL STREET LOOP:** This project will create a ½ -mile natural surface, bike skills trail loop with a range of bike skill features. The project will include: the construction of a designated parking and trailhead staging area, installation of a trailhead kiosk and park map, installation of a trail counter, (½-mile) of natural surface bike skill trail, (18) trail signs, (18) skill trail features.

**Project #2 - Mill Street Mini Loop Includes: (Construction Deadline: 10/1/24)**

- 1. 1(1) Parking and Staging Area
  - a. Contractor shall purchase and install 8' Recycled Picnic Table from the lowest and most appropriate vendor
  - b. Contractor shall purchase and install (8) fieldstone boulders to frame out the parking lot area.
- 2. (1) Trailhead Kiosk w/ Park Map
  - a. Kiosk Foundation
    - i. Kiosk foundation location shall be flagged by Contractor and approved by City of Beloit.
    - ii. Contractor shall pay for the materials and labor to excavate the Kiosk foundations, frame and install rebar and pour the concrete for the Kiosk foundation.
  - b. Kiosk Structure
    - i. Kiosk Structure fabricated by an approved vendor per the design developed by NCK Outdoors and approved by City of Beloit and shall be paid for and installed by Contractor.
  - c. Kiosk Sign Panels w/ Map
    - i. Sign Panel and Map graphics shall be designed by NCK Outdoors and approved by the City of Beloit.
    - ii. Sign Panels shall be printed and fabricated by an approved vendor and paid for and installed on the Kiosk structure by Contractor.
- 3. (1) Trail Counter
  - a. Eco-Counter (Pyro Mini) Trail Counter by Eco-Counter shall be purchased and installed by Contractor at a location specified by NCK Outdoors and the City of Beloit

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- b. Trail Counter shall be setup and maintained by NCK Outdoors and data shall be provided to the City of Beloit as collected and in an annual summary data report.
- 4. (½-mile) Natural Surface Bike Skill Trail
  - a. Bike Skill Trail shall be installed by contractor per the sustainable trail guidelines promoted by the International Mountain Bicycling Association and the US Forest Service.
  - b. Bike Skill Trail shall be 2,640' in length and constructed with a 4' wide constructed tread, and an 8' wide and 8' high cleared corridor. Includes trail clearing, grading, drainage, and integration of features.
  - c. Bike Skill Trail shall require 800CY of clean fill dirt imported and stockpiled on site for the construction of the skill features. \*City of Beloit shall perform this work as part of the matching funds commitment for the Rec Trails Grant. Estimated @ \$4,000.
- 5. (18) Bike Skill Features
  - a. Contractor shall pay for the materials and installation of 18 bike skill features on the bike Skill Trail.
  - b. Features shall include: (4) natural timber log rides, (4) post rock rock rides, (7) dirt features and (3) prefab bike features fabricated by Progressive Bike Ramps.
- 6. (18) Trail Signs w/ Post Rock Posts
  - a. Trail Sign Graphics shall be designed by NCK Outdoors and approved by the City of Beloit.
  - b. Trail Sign Panels shall be fabricated by an approved vendor and paid for and installed by Contractor.
  - c. Post Rock Posts shall be paid for, sourced and installed by Contractor.
- 7. (6) Interpretive Trail Features
  - a. Interpretive Trail Designs: NCK Outdoors shall provide the designs for the Interpretive Trail features to be fabricated by an approved vendor.
  - b. Interpretive Trail Features shall be paid for, fabricated and installed by contractor.

**PROJECT #3: CHAUTAUQUA PARK - ADA ACCESSIBLE LOOP:** This project will create a ½-mile ADA accessible trail route that utilizes the existing roads in Chautauqua Park. The project will include: the construction of a designated parking and trailhead staging area, installation of a trailhead kiosk and park map, installation of a trail counter, (½-mile) of roadway painting/lane marking, (3) cross walks with road markings and (6) trail route signs.

Project #3 Includes: (Construction Deadline: 10/1/25)

- 1. (1) Parking and Staging Area
  - a. Contractor shall purchase and install 8' Recycled Picnic Table from the lowest and most appropriate vendor

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- b. Contractor shall purchase and install (8) fieldstone boulders to frame out the parking lot area.
- 2. (1) Trailhead Kiosk w/ Park Map
  - a. Kiosk Foundation
    - i. Kiosk foundation location shall be flagged by Contractor and approved by City of Beloit.
    - ii. Contractor shall pay for the materials and labor to excavate the Kiosk foundations, frame and install rebar and pour the concrete for the Kiosk foundation.
  - b. Kiosk Structure
    - i. Kiosk Structure fabricated by an approved vendor per the design developed by NCK Outdoors and approved by City of Beloit and shall be paid for and installed by Contractor.
  - c. Kiosk Sign Panels w/ Map
    - i. Sign Panel and Map graphics shall be designed by NCK Outdoors and approved by the City of Beloit.
    - ii. Sign Panels shall be printed and fabricated by an approved vendor and paid for and installed on the Kiosk structure by Contractor.
- 3. (1) Trail Counter
  - a. Eco-Counter (Pyro Mini) Trail Counter by Eco-Counter shall be purchased and installed by Contractor at a location specified by NCK Outdoors and the City of Beloit
  - b. Trail Counter shall be set up and maintained by NCK Outdoors and data shall be provided to the City of Beloit as collected and in an annual summary data report.
- 4. (½-mile) Roadway Painting/Lane Marking
  - a. Contractor shall pay for the materials and labor required to install the roadway lane markings.
  - b. Contractor shall pay for the materials to install (3) Cross Walks. **\*City of Beloit shall perform the labor to install the cross walks as part of the matching funds commitment for the Rec Trails Grant. Estimated @\$7,000.**
- 5. (9) Trail Route Signs
  - a. Trail Sign Graphics shall be designed by NCK Outdoors and approved by the City of Beloit.
  - b. Trail Sign Panels shall be fabricated by an approved vendor and paid for and coordinated with City to install on existing posts or features.
- 6. (6) Interpretive Trail Features
  - a. Interpretive Trail Designs: NCK Outdoors shall provide the designs for the Interpretive Trail features to be fabricated by an approved vendor.

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- b. Interpretive Trail Features shall be paid for, fabricated and installed by contractor.

**PROJECT PERFORMANCE:** Construction of projects #1 and #2 must be completed including de-mobilization and final site cleanup by October 1, 2024. Construction of project #3, which requires planned improvements and chip sealing of the Chautauqua Park Road, must be completed with de-mobilization and final site cleanup by October 1, 2025.

**CONTRACTOR QUALIFICATIONS:** Contractors and Sub-Contractors performing work, must demonstrate relevant project experience and the completion of 3 to 5 similar projects in scope, scale and total project budget and within 5 years of the date of the bid opening. Bidder and Bidder's Sub-Contractors must demonstrate that the majority of the work performed and presented to demonstrate experience has been directly performed by current employees, staff and/or Subcontractors included on the project team. All contractors and subcontractors must maintain adequate insurance of such types and such amounts as may be necessary to protect the City of Beloit, with certificates of insurance and required endorsements on file with the City Clerk prior to the commencement of work.

**BID QUESTIONS:** Bids are due to the city by Thursday, August 1<sup>st</sup>, 2024 by 2:00 pm. Public bid opening will take place at 2:30 pm in council chambers on August 1<sup>st</sup>. Email or faxed responses will not be accepted, either mail or drop off at the city office, after hours bids can be dropped in the night drop off located at the Municipal Building at 119 N. Hersey Beloit, KS 67420. Please direct all questions regarding this project to Halley Roberson, City of Beloit, Kansas call (785) 738-3551.

**SCOPE OF WORK - TASK LIST:** The scope of work task list shall be used to confirm project costing scope, coordinate project layout and approval process prior to commencement of work, and product inspections and approvals at completion of project. Contractors shall complete the task list and costing information when submitting their bid.

(See Attachment #1: SCOPE OF WORK TASK LIST)

#### **SCOPE OF WORK - PROJECT PLANS, PRODUCTS AND SPECIFICATIONS**

Contractors shall confirm understanding of all project plans, products and specifications prior to commencement of work.

(Attachment #2: PLANS, PRODUCTS AND SPECIFICATIONS)