ADDENDUM NUMBER 1

OAK LEAF TRAIL CONNECTIVITY – BENDER PARK
Site #604
Bldg #2955
Bender Park
4503 E. Ryan Rd
Oak Creek, WI 53154

Project Number: WP074801
WisDOT ID: 2967-11-71

Date of Addendum: October 27th, 2025

This Addendum to the Contract Documents is issued to modify, explain, or correct the original documents dated July 31st, 2025, and is hereby made part of the Contract Documents. Acknowledge receipt of this Addendum in the space provided on the Bid Express System, or bid may be rejected.

REPLACE Document 00 11 16 in Project Manual – INVITATION TO BID – Revisions as noted below:

- Replace Paragraph 2 BID:
  - "Bids are to be completed online in Bid Express internet Bidding System at https://www.bidexpress.com/businesses/24937/home no later than 2 P.M., Thursday **November 6th, 2025**"

- Replace Paragraph 6 DISADVANTAGED BUSINESS ENTERPRISE (DBE) REQUIREMENTS.

  - On September 30, 2025, the U.S. Department of Transportation announced changes to the Disadvantaged Business Enterprise (DBE) program that will directly affect DBEs. The new interim final rule, which became effective October 3, 2025, removes race- and sex-based presumptions of disadvantage and requires all DBE firms to undergo recertification. Until recertification is complete, the Wisconsin Department of Transportation (WisDOT) and other Wisconsin DBE-certifying agencies may not set DBE goals for new contracts or count DBE participation toward existing goals. Existing contracts are not expected to be impacted, but future bids (October 2025 and beyond) will reflect these updated requirements.

  - The contractor is directed to provide a bid without consideration to DBE participation. Any references in the bid documents referring to DBE goals or tracking are not valid. All other federal procurement requirements presented in bid documents should be considered in the bid.

  - USDOT published an Interim Final Rule (IFR) that significantly changes the Disadvantaged Business Enterprise (DBE) and Airport Concessionaire (ACDBE) programs. Existing contracts are not anticipated to be impacted. Future contracts will reflect the updated requirements.

  - The IFR was effective upon publication in the Federal Register. Publication in the Federal Register occurred on October 3, 2025, 2025-19460 (90 FR 47969).
    - The key takeaways from the IFR are as follows:
      1. Race and sex are removed as presumed qualifiers for social and economic disadvantage in the DBE program. Applicants must prove BOTH social and economic disadvantage to be certified.
      2. All current DBEs must reapply for certification.

3. WisDOT may not set DBE goals on any new contracts while the recertification process takes place.
4. There are changes to reporting requirements related to the removal of race and sex presumptions from the DBE program.

REPLACE Document 00 40 00 in Project Manual – BID ENTRY INFORMATION– Revisions as noted below:

- Replace Bids Due:
  - "November 6th, 2025, at 2:00 P.M."

CLARIFICATION / BID QUESTIONS AND ANSWERS:

1. Is there a concern with the wood chips spread thinly on the project during the spring clearing and grubbing. Can the contractor mix in with the salvaged topsoil?
   a. **Response:**
      i. The wood chips can be mixed in with the salvaging of the topsoil.

2. Bid Item No. 5; "Strip, salvage, stockpile existing topsoil. Haul, place, and regrade salvaged topsoil in proposed areas. Remove excess plant and root mass from soil and pulverize." What is the definition of pulverizing?
   a. **Response:**
      i. Refer to Specification 32 91 00 – 2.1.B and WisDOT spec 625.3.3. Pulverizing can be completed with a Harley Rake or similar method. Ensure for the upper 2-inches, 100 percent of the topsoil material passes a one-inch sieve and at least 90 percent passes the No. 10 sieve.

3. Refer to Appendix A – Geotechnical Report, Section 7.0 Groundwater Conditions. "*Free water was not encountered at any of the test borings; however, gray cohesive soils were encountered at Test Borings 1, 5, 6 through 10, and 18 at various depths and elevations. Gray soil colorations are indicative of long-term pore saturation. Based on the mottled colors and moisture conditions of the retained soil samples, and the Web Soil Survey Review (summarized in Section 3.0), groundwater appears to perch within several feet of the ground surface throughout the site. The shallow perched-groundwater appears to be a significant and ongoing condition; consequently, for design and construction, the shallow perched-groundwater should be treated as the water table. Groundwater conditions at the site will fluctuate. It is important to note that the groundwater conditions discussed above are only an estimate based on conditions encountered at the test borings; if a precise determination of the groundwater conditions is needed, groundwater observation wells are recommended to be installed (and monitored) at the site. Giles can install and monitor groundwater observation wells, if observation wells are needed."*

   Contractor is concerned with a permanent saturated soil condition during construction of the pavement structure.
   a. **Response:**
      i. Soils were encountered with shallow gray soils and distinct mottled soil colorations above the gray soils at several borings. Gray soil is typically an indicator of long-term groundwater and mottled colorations are indicative of seasonal perched conditions. Based on what the engineer encountered, it's estimated that there could be a relatively shallow groundwater table. However, as noted, the Geotech report did not encounter any free water in the borings. The site soils mainly consist of relatively dense clay and even though the groundwater table may be shallow in the clay, the engineer would not expect significant inflow into excavations (unless a more permeable granular layer or conduit is encountered during construction).

ii. Permanent saturated conditions are not anticipated for the project. However, when soils are exposed to rainfall or surface water, temporary saturation may occur, which can result in reduced stability and locally unstable conditions; therefore, preventing pavement structure fill placement. Existing soil instability doesn't necessarily prevent fill placement as the subgrade could be improved in-placed mechanically (such as a coarse aggregate stabilization) or over-excavated and replaced with aggregate, possibly underlain by a geotextile or geogrid in unstable areas. It may also be feasible to place a geogrid directly on a marginal subgrade/subbase prior to placing the base course, depending on conditions during construction.

SPECIFICATIONS

ADD, REMOVE, OR REVISE the following specifications:

- 00 00 01 – Cover Page – Bender
  - Remove Project includes discretionary DBE Goal
- 00 41 00 Bid Form
  - Revise Item No. 74; Provide new reinforced concrete slab (bike rack slab), 5-inch thick. Unit of measurement incorrect. Item quantity shall be 160 SF vs. 160 SY.
  - Add Item No. 77; Remove Wood Pedestrian Bridge; 604.PED.84
- 00 43 00 6 DBE-00 Utilization Specifications
  - Remove
- 00 43 00 7 DBE-01 GFE Certificate
  - Remove
- 00 43 00 8 DBE-02 Bidder List
  - Remove
- 00 43 00 9 DBE-14 Commitment Form
  - Remove
- 02 41 00 Structure and Selective Demolition.
  - Add specification for remove wood pedestrian bridges.
- Appendix F – Existing Wood Pedestrian Bridge Inspection Report
  - Add reference report information.

DRAWINGS

ADD, CORRECT, OR REPLACE the following Drawings attached to and issued as part of this Addendum 1.

- G001 – Cover Page
  - Remove “Project includes discretionary DBE goal”
- CD109-Demolition Plan
  - Added notes on pedestrian wood bridge demolition/removal.
- CV514-Construction Detail-Record drawing of existing wood pedestrian bridge.
  - Details of existing wood pedestrian bridge

Attachments:

00 00 01 Cover Page – Bender, 1 page
00 11 16 Invitation to Bid – Bender; 2 pages
00 40 00 Bid Entry Information – Bender; 1 page
00 41 00 Bid Form; 5 pages
02 41 00 Structure and Selective Demolition, 4 pages
Appendix F – Existing Wood Pedestrian Bridge Inspection Report, 3 pages
Drawings; 3 pages

End of Addendum No. 1

PROJECT MANUAL
For:

BIDDING of:

Parks, Recreation, and Culture
OAK LEAF TRAIL CONNECTIVITY – BENDER PARK

~~**Project includes discretionary DBE Goal**~~
Non-Highway / Federally Funded
Congestion Mitigation and Air Quality (CMAQ) Improvement Program

Parks, Recreation, and Culture
Bender Park
4503 E. Ryan Rd.
Oak Creek, Wisconsin 53154
Site Number: 604
Project No. WP074801
WISDOT No. 2967-11-71

DOCUMENT 00 11 16
INVITATION TO BID

NOTICE TO CONTRACTORS

1. DESCRIPTION

Project: Oak Leaf Trail Connectivity – Bender Park

Project No.: WP074801

Contract Bids: Contract 1: Shared Use Path Construction

Pre-bid Meeting: See Pre-bid Meetings, Document 00 25 13.

PROJECT IS FEDERALLY FUNDED WITH THE CONGESTION MITIGATION AND AIR QUALITY IMPROVEMENT (CMAQ) PROGRAM.

CONTRACT PROVISIONS WILL ALSO INCORPOATE WISDOT STANDARD SPECIFICATION 108.1.2 THAT REQUIRES:
“Prime Contractor Participation (1)) Perform at least 30 percent of the original contract amount with the contractor's own organization. The contractor's own organization is defined as workers the contractor employs and pays directly as well as equipment the contractor owns or rents, either with or without operators.”

Specifications and contract documents herein are also known as special provisions, provided they are federal, state, or industry-recognized standard specifications and do not conflict with federal laws/regulations. All contract language references the WisDOT Standard Specifications General Requirements and Covenants (Part 1).

2. BID

Bids are to be completed online in Bid Express internet Bidding System at https://www.bidexpress.com/businesses/24937/home no later than Thursday, November 6th, 2025 at 2:00 PM.

Milwaukee County advertisement of project bidding and bid summary results will be posted on the Bid Express site and or Milwaukee County website at www.county.milwaukee.gov. Bid summary results may be available a few days following the Bid Due time.

3. BID DOCUMENTS

Bidding document distribution will be online in Bid Express internet Bidding System at https://www.bidexpress.com/businesses/24937/home. All bidders must meet the minimum software requirements of the bidding website and be able to view, enter, scan and upload PDF files to submit a bid.

BIDDERS WHO SUBMIT A BID SHALL OBTAIN DOCUMENTS AND BE A PLAN HOLDER OF RECORD AT BID EXPRESS. BIDS FROM BIDDERS WHO ARE NOT ON THE PLAN HOLDERS LIST WILL BE REJECTED AS BEING NON-RESPONSIVE.

4. QUALIFICATION OF BIDDERS

Prime Contractors planning to submit a Bid shall submit a qualification statement prior to submitting a Bid. See Document 00 21 13 Instructions to Bidders Article 14 - Qualification of Bidders.

5. EQUAL EMPLOYMENT OPPORTUNITY REQUIREMENTS

Bidders attention is called to the "Notice of Requirements for Affirmative Action to Insure Equal Employment Opportunity" contained in bid documents.

6. DISADVANTAGED BUSINESS ENTERPRISE (DBE) REQUIREMENTS

On September 30, 2025, the U.S. Department of Transportation announced changes to the Disadvantaged Business Enterprise (DBE) program that will directly affect DBEs. The new interim final rule, which became effective October 3, 2025, removes race- and sex-based presumptions of disadvantage and requires all DBE firms to undergo recertification. Until recertification is complete, the Wisconsin Department of Transportation (WisDOT) and other Wisconsin DBE-certifying agencies may not set DBE goals for new contracts or count DBE participation toward existing goals. Existing contracts are not expected to be impacted, but future bids (October 2025 and beyond) will reflect these updated requirements.

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2. All current DBEs must reapply for certification.
3. WisDOT may not set DBE goals on any new contracts while the recertification process takes place.
4. There are changes to reporting requirements related to the removal of race and sex presumptions from the DBE program.

~~The project has a Disadvantaged Business Enterprise (DBE) goal of discretionary. To be considered for the project, you must submit *Subcontractor/Supplier Information* with your Bid/Proposal listing all subcontractors. Additionally, the award of this Contract is conditioned upon your good faith efforts in achieving the project's DBE goal, and you must document those efforts by submitting with your Bid/Proposal one of the following:~~

~~1. A signed and notarized *Commitment to Contract with DBE* (DBE-14) form, one for each of the DBE firms included to meet or exceed the DBE goal;~~

~~2. A *Certificate of Good Faith Efforts* (DBE-01) form and all relevant documentation, including a signed and notarized *Commitment to Contract with DBE* (DBE-14) form for each DBE, documenting the participation achieved toward satisfying the goal.~~

~~DBE-14 form(s) must identify (1) the DBE firm by name and address, (2) the scope of work/service(s) to be provided, (3) the dollar amount of such work, and (4) the percentage. The form is first completed and signed by the Prime, then forwarded to the DBE subcontractor for signature in the affirmation section. Signatures must occur in the proper date order sequence, or the form may be considered non-responsive. The Office of Economic Inclusion (OEI) is entitled to reject your Bid/Proposal for improperly completed forms.~~

~~A necessary step in the good faith efforts process is contacting OEI at 414-278-4851 or oeicompliance@milwaukeecountywi.gov for assistance in identifying DBEs and understanding the County's DBE Program procedures. The official directory of eligible DBE firms can be accessed~~

~~through the following link:~~

http://wisconsindot.gov/Pages/doing-bus/civil-rights/dbe/certified-firms.aspx

Office of Economic Inclusion (OEI) is responsible for monitoring and enforcing Milwaukee County's Disadvantaged Business Enterprise (DBE) Program, in compliance with County Ordinance and Federal Regulation. OEI submits routine reports to the County Board, the Federal Aviation Administration (FAA), the Federal Transportation Administration (FTA), and the Federal Highway Administration (FHWA) for County and Federal spend; establishes participation goals, and monitors contracts for compliance with project specifications and applicable legislation. Reporting is accomplished from collection of data in the Diversity Management and Compliance System, utilizing B2GNow software. Prime contractors are required to report payments received from the County and amounts paid to subcontractors. Subcontractors will receive an automated email requesting them to confirm the amounts and whether the terms of the prompt payment policy were complied with. There is no cost to the Prime or any subcontractor, the only requirement is to become a registered user and complete the one hour webinar training. The County will enter the initial contract into the system, and the Prime will enter all subcontractors, including both DBE and non-DBE firms.

~~The Disadvantaged Business Enterprise (DBE) Utilization Specifications and forms to be used are included in the Project Manual/RFP.~~

7. BIDDING REQUIREMENTS

Accompany each contract bid with certified check or bid bond for 10 percent of bid.

No bids may be withdrawn for 60 days after bid due date.

Bidders shall be qualified in accordance with Chapter 43 of the Milwaukee County Ordinances.

Owner reserves right to reject bid, to waive informalities in bid or to accept bid which will be in best interest of Owner.

END OF DOCUMENT

DOCUMENT 00 40 00
BID ENTRY INFORMATION
for
Oak Leaf Trail Connectivity – Bender Park

Project Number: WP074801
WISDOT Project Number: 2967-11-71

Bids Due: November 6th, at 2:00 P.M.

Contract 1: Shared Use Path Construction

BID FORMS
Complete, enter and upload the bid documents in BID EXPRESS at https://www.bidexpress.com/businesses/24937/home:

Include the following in the bid documents:

Bid Price Form found in Document 00 41 00 BID PRICE FORM

All forms found in Document 00 43 00 PROCUREMENT FORM SUPPLEMENTS

General Contractor References 00 44 14 PROJECT REFERENCES

Bid Security

Power of Attorney

ALTERNATES
Provide price for each alternate item listed. Alternates are non-participating, non-federally funded items. See Section 01 23 00.

ADDENDUM RECEIPT
Acknowledge the receipt of Addendum.

COMMENCEMENT AND COMPLETION OF CONTRACT WORK

The bidder agrees, if signatory to the Contract, to commence work upon receipt of Notice to Proceed and achieve Substantial Completion of the Work by September 11th, 2026.

NOTE! See Document 00 52 13 – A101 Section 4.5, for Liquidated Damages associated with the contract work.

END OF DOCUMENT

Line Item Number	Item Description	Unit of Measure	Approx. Quantities	Item Unit Cost	Total Amount	Base Bid or Alternate
1	Mobilization, administration, and demobilization	LUMP SUM	1			Base
2	Grading - excavating, filling, preparing subgrade and all site grading. Includes off-site disposal of unusable excess material.	LUMP SUM	1			Base
3	Undercutting unsuitable subgrade material including removal and disposal of unsuitable material.	CY	200			Base
4	Imported Fill/Borrow material from an offsite source or on-site borrow area to build subgrade of new shared-use path.	CY	100			Base
5	Strip, salvage, stockpile existing topsoil. Haul, place, and regrade salvaged topsoil in proposed areas. Wood chips spread thinly on grade spring 2025 can be mixed in with the salvaged topsoil; however remove excess plant and root mass from soil and pulverize per specifications.	LUMP SUM	1			Base
6	Removing Asphaltic Surface and existing base material per plan. Pulverize asphalt per specs and/or salvage suitable base for new base and fill under new path OR remove from site. Includes hauling excess spoil and topsoil.	SY	5,500			Base
7	Removing Concrete Foundation at station 216+00	SY	140			Base
8	Asphaltic Path-3-inch thickness (one upper layer lift) per specifications– 5 LT 58-28 S	TON	1,375			Base
9	Asphaltic concrete lower layer per specification; 3 LT 58-28 S; includes fine grading for asphalt placement	TON	35			Base
10	Asphaltic concrete upper layer per specification; 5 LT 58-28 S; includes tack coat applied to asphaltic concrete lower layer	TON	27			Base
11	3/4" crushed aggregate base course, under concrete sidewalk.	TON	50			Base
12	1-1/4 " crushed aggregate base course; 6" stone depth per plan typical sections of base bid path and 12" stone depth at temporary asphalt at Bender Park Roadway	TON	3,190			Base
13	No. 3 washed stone; trench drains and subgrade drainage reinforcement; refer to typical section on, C107.	TON	110			Base
14	3" granular base course as backfill for undercut areas.	TON	400			Base
15	Provide WisDOT Geogrid Type SR (undisturbed quantity)	SY	1,000			Base
16	Provide, maintain and remove filter fabric fence (silt fence)	LF	13,500			Base
17	Provide, Install, maintain and remove Filter Sock	LF	3,500			Base

Line Item Number	Item Description	Unit of Measure	Approx. Quantities	Item Unit Cost	Total Amount	Base Bid or Alternate
18	Provide, install, remove Inlet Protection Type B	EACH	2			Base
19	Provide, install, maintain and remove rock bags at culverts	EACH	25			Base
20	Provide, maintain and remove erosion bales or biorolls / ditch Checks	LF	1,300			Base
21	Tracking Pad - Provide, Maintain, and Remove	EACH	4			Base
22	Provide, install, maintain and remove Tree Protection (undistributed)	EACH	1			Base
23	Provide and install new 31-inch concrete curb and gutter.	EACH	34			Base
24	Provide and install concrete Speed Table Pedestrian and Bicycle Crossing; includes normal gray concrete and colored concrete per specifications and detail on CV512	SF	490			Base
25	Provide new concrete sidewalk, 5-inch thick	SF	815			Base
26	Provide and install Federal Yellow detectable warning field.	SF	80			Base
27	Provide and install reinforced concrete pipe, Class IV storm sewer, 12-inch diameter pipe, including bedding and cover stone, and granular backfill under pavement.	LF	80			Base
28	Provide and install reinforced concrete pipe, Class IV storm sewer, 12-inch diameter pipe, including bedding and cover stone, and earth backfill (spoils) in landscape areas.	LF	112			Base
29	Provide and install reinforced concrete pipe, Class IV storm sewer, 15-inch diameter pipe, including bedding and cover stone, and granular backfill under pavement.	LF	58			Base
30	Provide and install reinforced concrete pipe, Class IV storm sewer, 15-inch diameter pipe, including bedding and cover stone, and earth backfill (spoils) in landscape areas.	LF	70			Base
31	Provide and install reinforced concrete pipe, Class IV storm sewer, 18-inch diameter pipe, including bedding and cover stone, and granular backfill under pavement.	LF	20			Base
32	Provide and install reinforced concrete pipe, Class IV storm sewer, 18-inch diameter pipe, including bedding and cover stone, and earth backfill (spoils) in landscape areas.	LF	52			Base
33	Provide and install reinforced concrete pipe, Class IV storm sewer, 30-inch diameter pipe, including bedding and cover stone, and granular backfill under pavement.	LF	40			Base
34	Provide and install reinforced concrete pipe, Class IV storm sewer, 30-inch diameter pipe, including bedding and cover stone, and earth backfill (spoils) in landscape areas.	LF	40			Base
35	Provide reinforced horizontal elliptical concrete pipe, Class IV storm sewer, 14x23-inch diameter pipe, including bedding and cover stone, and granular backfill under pavement.	LF	20			Base

Line Item Number	Item Description	Unit of Measure	Approx. Quantities	Item Unit Cost	Total Amount	Base Bid or Alternate
36	Provide reinforced horizontal elliptical concrete pipe, Class IV storm sewer, 14x23-inch diameter pipe, including bedding and cover stone, and earth backfill (spoils) in landscape areas.	LF	20			Base
37	Provide corrugated polyethylene pipe or concrete pipe, Class III-A, inside nominal, 15-inch diameter pipe, including bedding and cover stone, and earth backfill (spoils) in landscape areas.	LF	156			Base
38	Provide new concrete endwall section for 12-inch diameter concrete pipe.	EACH	8			Base
39	Provide new concrete endwall section for 15-inch diameter concrete pipe.	EACH	3			Base
40	Provide new concrete endwall section for 18-inch diameter concrete pipe.	EACH	2			Base
41	Provide new concrete endwall section for 30-inch diameter concrete pipe.	EACH	4			Base
42	Provide new concrete endwall section for 14x23-inch diameter concrete pipe.	EACH	2			Base
43	Pipe Grates Concrete Pipe, Refer to specifications and CV509	EACH	19			Base
44	Provide and install 36-inch diameter storm manhole (4" sump); including bedding and backfill; CU302; Beehive CB structure; CV507-04	EACH	1			Base
45	Provide and install 36-inch diameter storm manhole (4" sump); including bedding and backfill; CU313; CV507-04	EACH	2			Base
46	Provide and install new catch basin frame and grate, Neenah Foundry Co. R-2561-A Grate	EACH	2			Base
47	Provide and install new manhole frame and grate, Neenah Foundry Co. R1550-A Grate	EACH	2			Base
48	Provide, install, maintain, and remove Temporary Settling Basin (if needed for culvert installation)	EACH	1			Base
49	Provide and install Joliet boulders at culvert ends	SY	300			Base
50	Provide and install geotextile fabric Type R under Joliet boulders at culvert ends	SY	320			Base
51	Permanent pavement markings solid centerline (yellow), sharrows on speed table (white), and 6" crosswalk lines (white).	LUMP SUM	1			Base
52	Provide 4" x 4" X 14 feet sign posts; where shown including digging post hole and setting post	EACH	7			Base
53	Provide 4" x 4" X 16 feet sign posts; where shown including digging post hole and setting post	EACH	3			Base

Line Item Number	Item Description	Unit of Measure	Approx. Quantities	Item Unit Cost	Total Amount	Base Bid or Alternate
54	Permanent Signs; provide and install with all mounting hardware	EACH	16			Base
55	Oak Leaf Trail closure signage and Traffic Control. Provide, maintain, and remove.	LUMP SUM	1			Base
56	Provide seed turf restoration-Turf Grass - Reinders Deluxe 50 along new shared-use path	SY	5,500			Base
57	Provide Native seed turf restoration per plan and specifications	SY	41,500			Base
58	Nurse Crop/Temporary Seeding shall be planted with native seed to stabilize the soil and reduce weed growth. Temporary seed is permissible in the turf grass areas (Deluxe 50) but shall be approved by landscape architect or engineer prior to using. Do not use annual rye.	LB	500			Base
59	Provide Erosion Mat; Curlex® Net Free Erosion Control Blanket manufactured by American Excelsior or approved equal. Refer plan. Includes biofilter basin bottom area and side slopes.	SY	5,600			Base
60	Provide Erosion Mat at turf seeded areas; North American Green S150BN or S32BD or approved equal; steep slope areas	SY	2,500			Base
61	Provide and install Hydromulch	SY	5,500			Base
62	Provide and install Straw Mulch in Native Seeding Areas	SY	33,400			Base
63	Provide and install wood fence per specifications and plan detail on CV512.	LF	685			Base
64	Collapsible Bollard with Concrete Base.	EACH	4			Base
65	**BIOFILTER -** Overflow Structure (sump) including the rip rap (Joliet Boulders) surrounding the beehive inlet.	EACH	1			Base
66	**BIOFILTER -** Bio-Filtration Basin, 6-inch perforated underdrain	LF	100			Base
67	**BIOFILTER -** Bio-Filtration Basin, 6" PVC Cleanout	EACH	2			Base
68	**BIOFILTER -** Bio-Filtration Basin, Engineered Soil Mix as specified in plans	CY	320			Base
69	**BIOFILTER -** Bio-Filtration Basins Pea Gravel; Provide and Install	TON	80			Base
70	**BIOFILTER -** Bio-Filtration Basin Coarse Aggregate #2; Provide and Install	TON	350			Base

Line Item Number	Item Description	Unit of Measure	Approx. Quantities	Item Unit Cost	Total Amount	Base Bid or Alternate
71	**BIOFILTER -** Sand; below rock storage layer. Provide and till 2-4" into the existing ground.	TON	60			Base
72	**BIOFILTER -** Bio-Filtration Basin , Fabric Type DF, 4' wide over perforated pipe	SY	50			Base
73	**BIOFILTER -** Bio-Filtration grading - excavating, filling, preparing grade for placement of sand, rock storage, and engineered soil mix. Includes off-site disposal of unusable excess material.	LUMP SUM	1			Base
74	Provide new reinforced concrete slab (bike rack slab), 5-inch thick	SF	160			Base
75	Provide new reinforced concrete slab (bench slab), 5-inch thick	SF	60			Base
76	TREES Bur Oak, 2.5" caliper	EACH	6			Base
77	Remove Wood Pedestrian Bridge; 604.PED.84	LUMP SUM	1			Base
78A	**BIOFILTER -** Bio-Filtration Basin, Native Plugs; Provide and Install; if not selected biofilter shall be planted with native seed.; non-participating	EACH	2,235			Alternate 1
79A	**BIOFILTER --**Bio-Filtration Basin Protection - Provide and install protective fencing at perimeter of bio-filtration basin; non-participating	LF	400			Alternate 1
80A	**BIOFILTER -** Bio-Filtration Basin Maintenance and Extended Warranty; non-participating	LUMP SUM	1			Alternate 1
81B	Native Seeding Maintenance and Extended Warranty; non-participating	LUMP SUM	1			Alternate 2

SECTION 02 41 00
STRUCTURE AND SELECTIVE DEMOLITION

PART 1 - GENERAL

1.1 SECTION INCLUDES

A. Section Includes:
   1. Demolishing wood pedestrian bridges
   2. Protecting items designated to remain.
   3. Removing demolished materials.

1.2 RELATED SECTIONS

A. Section 01 40 00 - Quality Requirements

B. Section 01 50 00 - Temporary Facilities and Controls

C. Section 31 00 00 – Grading and Site Demolition

1.3 REFERENCES

A. State of Wisconsin Department of Transportation (WDOT), Standard Specifications for Highway and Structure Construction, Current edition with amendments to date, unless otherwise provided for in these specifications and special provisions.

1.4 UNIT PRICE - MEASUREMENT AND PAYMENT

A. Measure Remove Wood Pedestrian Bridge by the lump sum. Include full compensation for labor, equipment, material and supervision required for wood bridge removal as indicated on the plans. The bid item for wood pedestrian bridge demolition shall include all the removals for breaking down and removing; required salvaging, storing, and disposing of materials. Granular backfill under new pavement structure required beyond the new replacement culvert installation shall be included with this item. Granular backfill (less than 20 tons) anticipated to fill voids left from the foundation shaft removal or other possible foundation removal.

1.5 SUBMITTALS

A. Section 01 33 00 – Submittal Procedures

B. Section 01 74 19 – Construction Waste Management and Disposal

1.6 CLOSEOUT SUBMITTALS

A. Section 01 70 00 – Execution Requirements

1.7 QUALITY ASSURANCE

A. Conform to applicable code for demolition of structures, safety of adjacent structures, dust control, runoff control, and disposal.

B. Contact Owner immediately for procedures when hazardous or contaminated materials are discovered.

1.8 PRE-INSTALLATION MEETINGS

A. Section 01 30 00 – Administrative Requirements: Pre-installation meeting.

1.9 SCHEDULING

A. Section 01 33 00 – Submittal Procedures: Construction Progress Schedule.

B. Schedule Work to coincide with new construction.

C. Describe demolition removal procedures and schedule.

D. Perform Work between hours of 7:00 am to 7:00 pm, Monday thru Saturday.

1.10 PROJECT CONDITIONS

A. Owner assumes no responsibility for actual condition of structures to be demolished.

B. Notify Architect/Engineer upon discovery of hazardous materials.

C. Hazardous Materials: No known hazardous materials exist.

D. Do not sell demolished materials on-site.

PART 2 - PRODUCTS

Not Used.

PART 3 - EXECUTION

3.1 EXAMINATION

A. Examine existing structures indicated to be demolished before demolition.

B. Determine where removals may result in structural deficiency or unplanned structure collapse during demolition. Coordinate demolition sequence and procedures to prevent structures from becoming unstable.

C. Determine where demolition may affect structural integrity of adjacent structures indicated to remain.
   1. Identify measures required to protect structures from damage.
   2. Identify remedial work including patching, repairing, bracing, and other work required to leave structures indicated to remain in structurally sound condition.

3.2 PREPARATION

A. Call Local Utility Line Information service not less than three (3) working days or five (5) days for private locates before performing Work.
   1. Request underground utilities to be located and marked within and surrounding construction areas.

B. Notify affected utility companies before starting work and comply with utility's requirements.

C. Do not close or obstruct roadways, sidewalks, hydrants, or other utility access without permits or approval.

D. Erect, and maintain temporary barriers and security devices, including warning signs and lights, and similar measures, for protection of the public, and existing improvements indicated to remain.

E. Protect existing landscaping materials, trees, appurtenances, and adjacent structures indicated to remain.

F. Prevent movement or settlement of adjacent structures. Provide bracing and shoring.

3.3 DEMOLITION REQUIREMENTS

A. Use of explosives is not permitted.

B. Conduct demolition to minimize interference with adjacent structures.

C. Cease operations immediately when adjacent structures appear to be in danger. Notify Project Manager. Do not resume operations until directed.

D. Conduct operations with minimum interference to public.

E. Obtain written permission from adjacent property owners when demolition equipment will traverse, infringe upon or limit access to their property.

F. Sprinkle Work with water to minimize dust. Provide hoses and water connections required for this purpose.

G. Include the requirements per Section 203 Removing Old Culverts and Bridges of the WDOT Standard Specifications.

3.4 DEMOLITION

A. Rough grade and compact areas affected by demolition to maintain site grades and contours, and to accommodate subsequent construction operations.

B. Continuously clean-up and remove demolished materials from site. Do not allow materials to accumulate on site, except materials to be salvaged and reused.

C. Do not burn or bury materials on site. Leave site in clean condition.

D. Place granular backfill under pavement influence zone (1:1 slope out from pavement edge) beyond the new replacement culvert installation. Granular backfill anticipated to fill voids left from the foundation shaft removal or other possible foundation removal.

E. Place and compact fill materials in lift thickness and to densities listed in Table 33 40 00-1; Granular backfill shall meet Section 33 40 00, part 4, section 2.4, Granular Backfill. Refer to Section 33 40 00 Site Storm Drainage Systems.

END OF SECTION

APPENDIX F

Park:	Bender Park	Bridge Asset Number:		604.PED.84	
Location:		*Office Use Only*	*Site ID:*	***604***	*Object ID:* ***84***

Bridge GPS Coord. (XX.XXXXXX deg.)

Latitude:	42.86852171
Longitude:	-87.84328321

Design/Construction History (if known)

Load Capacity	Pedestrian: Unknown	Vehicular:
Year constructed:	Unknown	

Geometry

# of Spans or Cells:	5
Bridge Length (ft):	40.4
Bridge Deck Width (ft):	7.4
Bridge Clear Width (ft):	6.8
Rail Height (ft):	3.5

Facility Carried/Name (if known)

x	Trail	Unknown
	Golf Path	
	Service Rd	
	Public Rd	
	Other	

Facility Under/Name (if known)

x	Stream	Unknown
	Pond	
	Trail	
	Road	
	Other	

Bridge Type

	Slab
x	Multi Beam
	Arch
	Truss
	Suspension
	Culvert
	Thru Girder

Bridge Materials

Deck		Superstructure		Abutment		Pier(s)		Culvert		Rail		Exp. Joint	
x	Timber	x	Timber	x	Timber	x	Timber		Concete Pipe	x	Timber		Open
	Concrete		Steel		Concrete		Concrete		Concrete Box		Concrete		Pourable
	Steel		RC Concrete		Masonry		Masonry		Corrug. Steel		Steel		Strip Seal
	Masonry		PS Concrete				N/A		Masonry		Masonry		Sliding Plate
	Other		Masonry						Other		None	x	None
			Other					x	N/A		Combination		Other

Bridge Assement

☑ Elevation & top side photos taken?

Deck		**NBI Rating =**	6	Satisfactory condition
Recommended Action		*Condition Description:*		Many surface checks and end splits at planks
x	Routine Maintenance	No specific action		
	1-year			
	Immediate Action			
	Close Bridge			

Superstructure		**NBI Rating =**	7	Good condition
Recommended Action		*Condition Description:*		Checks and splits at top of rail. Missing (1) rail spindle
x	Routine Maintenance	Replace missing rail spindle & split railing plank.		
	1-year			
	Immediate Action			
	Close Bridge			

Substructure		**NBI Rating =**	7	Good condition
Recommended Action		*Condition Description:*		Minor checks and splits at abutment and piers
x	Routine Maintenance	No specific action		
	1-year			
	Immediate Action			
	Close Bridge			

Culvert		**NBI Rating =**	NA	Not applicable
Recommended Action		*Condition Description:*		
	Routine Maintenance			
	1-year			
	Immediate Action			
	Close Bridge			

Hydraulic/Stream comments (erosion, undermining, etc.)

Stream favors north end of structure

Maintenance/Repair/Replacement Quantity Comments

Replace 6' of rail top plank. Replace missing rail spindle.
Inspector Signature: *Wyatt Rozmenoski* **Inspection Date:** 6/25/2020

Bridge 604.PED.84

Photo 1: Elevation

Photo 2: Top Side