



**CITY OF WASHINGTON, ILLINOIS**  
**Public Works Committee Agenda Communication**

**Meeting Date:** August 2, 2021

**Prepared By:** Dennis Carr, P.E. – City Engineer

**Agenda Item:** Bid Award – North Street Culvert Reconstruction

**Explanation:** Staff solicited bids for the reconstruction of the box culvert on North Street just east of Brief Street.

A hole was found in the top of the existing box culvert in 2019 and a second hole was found in the top on the opposite side of the roadway a couple weeks ago.

A bid opening took place on July 28 at City Hall with five bids submitted.

Company	Bid
Stark Excavating	\$ 213,534.70
Otto Baum	\$ 234,231.99
Phoenix	\$ 243,561.00
White	\$ 254,000.00
Knapp	\$ 272,918.70

Engineers Estimate	\$ 158,908.00
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**Fiscal Impact:** The FY 20-21 budget includes \$200,000 in Account #'s  
100-003-800-4000  
218-000-800-5000

City Staff is going to propose some modifications/assistance during construction to try to bring the project in closer to budget, but we do have some room in the 100-003-800-4000 budget that we can shift over from Crack Sealing. The culvert is more important than crack sealing.

**Recommendation Summary:** Staff recommends moving the approval of contract award for the North Street Culvert Reconstruction Project for the amount of \$ 213,534.70 to Stark Excavating out of Bloomington, IL to the City Council agenda.

**Action Requested:** Move the Contract Award to the City Council agenda for approval.



Owner: City of Washington  
 Project: North St. Culvert Replacement  
 Date: July 27, 2021  
 Time: 10:00 AM

Item No.	Items	Unit	Quantity	Name of Bidder		Knapp Concrete Contractors, Inc.		Otto Baum Company, Inc.		Phoenik Corp of the Quad Cities		Stark Excavating Inc.		White Construction, LLC	
				Address of Bidder	150 E. Martin Drive Goodfield, IL 61742	886 N. Main St. Morton, IL 61550	1006 Rosehill Road Port Byron, IL 61275	1805 W. Washington St. Bloomington, IL 61701	620 N. 19th St. Springfield, IL 62702						
Proposals Guarantee				Terms 5%		Bid Bond 5%		Bid Bond 5%		Bid Bond 5%		Bid Bond 5%		Bid Bond 5%	
Engineer's Estimate				Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total
1	Earth Excavation	CU YD	35	\$35.00	\$1,225.00	\$101.25	\$3,543.75	\$308.45	\$10,795.75	\$45.00	\$1,575.00	\$128.00	\$4,480.00	\$60.00	\$2,100.00
2	Removal and Disposal of Unsuitable Materials	CU YD	25	\$40.00	\$1,000.00	\$208.00	\$7,000.00	\$220.17	\$5,504.25	\$45.00	\$1,125.00	\$57.00	\$1,425.00	\$70.00	\$1,750.00
3	Porous Granular Embankment	CU YD	140	\$35.00	\$4,900.00	\$60.75	\$8,505.00	\$115.14	\$16,119.60	\$80.00	\$11,200.00	\$103.00	\$14,420.00	\$60.00	\$8,400.00
4	Trench Backfill	CU YD	4	\$100.00	\$400.00	\$202.50	\$810.00	\$51.84	\$207.36	\$85.00	\$340.00	\$25.00	\$100.00	\$80.00	\$320.00
5	Perimeter Erosion Barrier	FOOT	92	\$10.00	\$920.00	\$13.50	\$1,242.00	\$6.98	\$642.16	\$4.00	\$368.00	\$8.00	\$736.00	\$5.00	\$460.00
6	Stone Dumped Riprap, Class A4	TON	15	\$50.00	\$750.00	\$189.00	\$2,835.00	\$149.62	\$2,244.30	\$100.00	\$1,500.00	\$135.00	\$2,025.00	\$200.00	\$3,000.00
7	Filter Fabric	SQ YD	22	\$15.00	\$330.00	\$12.15	\$267.30	\$6.43	\$141.46	\$4.00	\$88.00	\$9.00	\$198.00	\$15.00	\$330.00
8	Aggregate Base Course, Type B	TON	43	\$45.00	\$1,935.00	\$67.50	\$2,902.50	\$57.05	\$2,453.15	\$50.00	\$2,150.00	\$73.00	\$3,139.00	\$70.00	\$3,010.00
9	Polymerized Bituminous Materials (Tack Coat)	POUND	31	\$2.00	\$62.00	\$20.25	\$627.75	\$7.98	\$247.38	\$40.00	\$1,240.00	\$7.50	\$232.50	\$7.50	\$232.50
10	Hot-Mix Asphalt Binder Course, IL-19.0, NSO	TON	17	\$200.00	\$3,400.00	\$540.00	\$9,180.00	\$372.17	\$6,326.89	\$500.00	\$8,500.00	\$360.00	\$6,120.00	\$350.00	\$5,950.00
11	Hot-Mix Asphalt Surface Course, Mix "C", IL 9.5, NSO	TON	9	\$200.00	\$1,800.00	\$675.00	\$6,075.00	\$478.50	\$4,306.50	\$500.00	\$4,500.00	\$465.00	\$4,185.00	\$450.00	\$4,050.00
12	Removal of Existing Structures	EACH	1	\$10,000.00	\$10,000.00	\$4,725.00	\$4,725.00	\$14,847.68	\$14,847.68	\$18,500.00	\$18,500.00	\$24,250.00	\$24,250.00	\$10,000.00	\$10,000.00
13	Combination Curb and Gutter Removal	FOOT	62	\$35.00	\$2,170.00	\$20.25	\$1,255.50	\$24.91	\$1,544.42	\$20.00	\$1,240.00	\$11.00	\$682.00	\$25.00	\$1,550.00
14	Concrete Superstructure	CU YD	4.2	\$1,500.00	\$6,300.00	\$2,160.00	\$9,072.00	\$1,453.59	\$6,105.08	\$2,500.00	\$10,500.00	\$1,160.00	\$4,872.00	\$1,000.00	\$4,200.00
15	Reinforcement Bars	POUND	12460	\$1.60	\$19,936.00	\$3.38	\$42,114.80	\$1.53	\$19,063.80	\$2.25	\$28,035.00	\$1.60	\$19,936.00	\$2.00	\$24,920.00
16	Bicycle Railing	FOOT	45	\$200.00	\$9,000.00	\$405.00	\$18,225.00	\$584.84	\$26,317.80	\$374.00	\$16,830.00	\$550.00	\$24,750.00	\$550.00	\$24,750.00
17	Concrete Box Culverts	CU YD	68.2	\$900.00	\$61,380.00	\$1,782.00	\$121,532.40	\$1,052.89	\$71,807.10	\$1,600.00	\$109,120.00	\$1,161.00	\$79,180.20	\$1,700.00	\$115,940.00
18	Storm Sewers, Class A, Type 1.15"	FOOT	16	\$100.00	\$1,600.00	\$101.25	\$1,620.00	\$967.93	\$5,896.88	\$150.00	\$2,400.00	\$208.00	\$3,328.00	\$80.00	\$1,280.00
19	Inlets, Type A, Type 3 Frame and Grate	EACH	1	\$1,800.00	\$1,800.00	\$4,725.00	\$4,725.00	\$2,545.88	\$2,545.88	\$3,200.00	\$3,200.00	\$1,660.00	\$1,660.00	\$3,500.00	\$3,500.00
20	Combination Curb and Gutter, Type B-6.12	FOOT	50	\$65.00	\$3,250.00	\$7.50	\$3,375.00	\$99.77	\$2,988.50	\$80.00	\$4,000.00	\$65.00	\$3,250.00	\$60.00	\$3,000.00
21	Hot-Mix Asphalt Removal [Special]	SQ YD	110	\$25.00	\$2,750.00	\$51.30	\$5,643.00	\$44.21	\$4,863.10	\$15.00	\$1,650.00	\$19.00	\$2,090.00	\$20.00	\$2,200.00
22	Seeding, Class 2 [Special]	ACRE	0	\$10,000.00	\$0.00	\$14,850.00	\$14,850.00	\$22,702.40	\$22,702.40	\$6,000.00	\$6,000.00	\$21,350.00	\$21,350.00	\$21,350.00	\$21,350.00
23	Inlets, Type E [Special]	EACH	1	\$9,000.00	\$9,000.00	\$8,370.00	\$8,370.00	\$11,004.79	\$11,004.79	\$4,500.00	\$4,500.00	\$5,361.00	\$5,361.00	\$5,000.00	\$5,000.00
24	Traffic Control and Protection, [Special]	L SUM	1	\$4,000.00	\$4,000.00	\$4,725.00	\$4,725.00	\$3,771.86	\$3,771.86	\$6,200.00	\$6,200.00	\$1,980.00	\$1,980.00	\$15,000.00	\$15,000.00
25	Construction Layout	L SUM	1	\$10,000.00	\$10,000.00	\$7,425.00	\$7,425.00	\$12,226.06	\$12,226.06	\$4,200.00	\$4,200.00	\$3,000.00	\$3,000.00	\$10,922.50	\$10,922.50
Base Bid					\$158,908.00		\$272,981.00		\$234,231.99		\$243,551.00		\$213,534.70		\$254,000.00
					As Read Base:		\$272,981.00		\$234,231.99		\$243,551.00		\$213,534.70		\$254,000.00
					Calculated Base:		\$272,981.00		\$234,231.99		\$243,551.00		\$213,534.70		\$254,000.00