



Memo to Mayor and Council  
September 22, 2003  
Page 2 of 2

pumping, it is estimated that taxes would need to be levied over a three year period of time. Since preliminary levies have already been set and certified to the County, this would begin with taxes payable for 2005. While a range exists, the average cost per home is estimated at \$1237 over a three year period of time.

If the District is approved, it will also be necessary for the Council to appoint a Board of Directors in the near future.

**Requested Action**

1. Consider approval of Resolution No. 03-60 Establishing the Karth Lake Improvement District and Adopting Board Bylaws.



**CITY OF ARDEN HILLS  
COUNTY OF RAMSEY  
STATE OF MINNESOTA  
RESOLUTION NO. 03-60**

**RESOLUTION ESTABLISHING THE KARTH LAKE IMPROVEMENT DISTRICT AND  
ADOPTING THE BOARD BYLAWS**

**WHEREAS**, pursuant to Minnesota Statutes 459.20 and Minnesota Statutes 103B.501-103B.581, the City of Arden Hills has the authority to establish a Lake Improvement District; and

**WHEREAS**, the engineering report prepared by the City's Consulting Engineer identified the need for the construction and maintenance of a lake elevation control structure for Karth Lake; and

**WHEREAS**, Karth Lake is located wholly within the boundaries of the City of Arden Hills; and

**WHEREAS**, pursuant to Minnesota Statute 103B.501 to 103B.581 and the Minnesota Department of Natural Resources rules part 6115.0900 to 6115.0980 the City of Arden Hills has prepared a document proposing the establishment and the administration of a Lake Improvement District with the purpose of constructing and maintaining a lake elevation control structure; and

**WHEREAS**, a public hearing for the establishment of the Karth Lake Improvement District was held on the 29th day of September, 2003.

**NOW, THEREFORE, BE IT RESOLVED by the Arden Hills City Council**

1. That **Attachment A**, the Order Establishing the Karth Lake Improvement District, is hereby approved and made a part hereof.
2. That **Attachment B**, the Karth Lake Improvement District Bylaws are hereby approved and made a part hereof.
3. That the boundaries for the Karth Lake Improvement District, are hereby approved and made a part hereof.

**CITY OF ARDEN HILLS**

By: \_\_\_\_\_  
Beverly Aplikowski, Mayor

**Dated the 29<sup>th</sup> day of September, 2003.**

**ATTEST:**

\_\_\_\_\_  
Michelle Wolfe, City Administrator

**ORDER ESTABLISHING THE KARTH LAKE IMPROVEMENT DISTRICT**

- 1.0 **WHEREAS**, the Arden Hills City Council initiated the establishment of the Karth Lake Improvement District by adopting Resolution No. 03-55 which declared the City's intent to establish the District and which directly or by incorporation of supporting data:
- A. Specified the boundaries of the proposed District which were as consistent as practical with the natural hydrologic boundaries;
  - B. Prescribed the water and related land resource management programs to be undertaken within the District;
  - C. Stated the manner in which proposed programs would be financed;
  - D. Designated the City officer or agency which would be responsible for supervising the programs; and
  - E. Set a date for a hearing on the establishment of the proposed Lake Improvement District.
- 2.0 **WHEREAS**, a public hearing, preceded by all notices required pursuant to Minnesota Statutes Chapter 103B.515 and Minnesota Rules 6115.0970, Subpart 3, was held on the 29<sup>th</sup> day of September, 2003 in order to receive public comment as to whether the Karth Lake Improvement District should be established; and
- 3.0 **WHEREAS**, based upon all data submitted and on all comments received, the Arden Hills City Council has determined:
- A. That the proposed Lake Improvement District is necessary and that the public welfare will be promoted by the establishment of the Lake Improvement District;
  - B. That the property to be included within the Lake Improvement District will be benefitted by the establishment of the Lake Improvement District; and
  - C. That the formation of the Lake Improvement District will not cause or contribute to long range environmental pollution.
- 4.0 **NOW, THEREFORE, the Arden Hills City Council hereby orders:**
- A. Name. The name of the Karth Lake Improvement District shall be the "Karth Lake Improvement District".
  - B. Boundaries. The boundaries of the Karth Lake Improvement District shall be as described on **Exhibit 1** attached hereto.
  - C. Resource Management Programs. The water and related land resources management programs and services to be undertaken shall include the following:
    - 1. The construction and operation of a lake level control structure.

**Attachment A**

2. A water quality monitoring program.

D. Financing of Programs. The manner of financing such programs and services shall initially consist of the levy of ad valorem taxes solely on property within the Lake Improvement District, but may also include the imposition of service charges, the issuance of obligations as provided in Minnesota Statutes, Chapter 429.091, levy of special assessments pursuant to Minnesota Statutes 429, or a combination of any of the above.

E. Board of Directors. The Board of Directors of the Karth Lake Improvement District shall be an advisory body to the Arden Hills City Council. The Board shall make recommendations regarding the implementation of programs, projects and services but shall not have the authority to enter into contracts or levy taxes.

The Board shall consist of five members initially appointed by the Arden Hills City Council. The Board shall be appointed to staggered terms so that no more than two Board Members' terms will expire at one time. After the appointment of the initial Board, each Board Member shall serve a three year term subject to removal in the discretion of the City Council. Each Board Member shall reside within the City of Arden Hills. A majority of the Board Members shall own property within the Karth Lake Improvement District.

**CITY OF ARDEN HILLS**

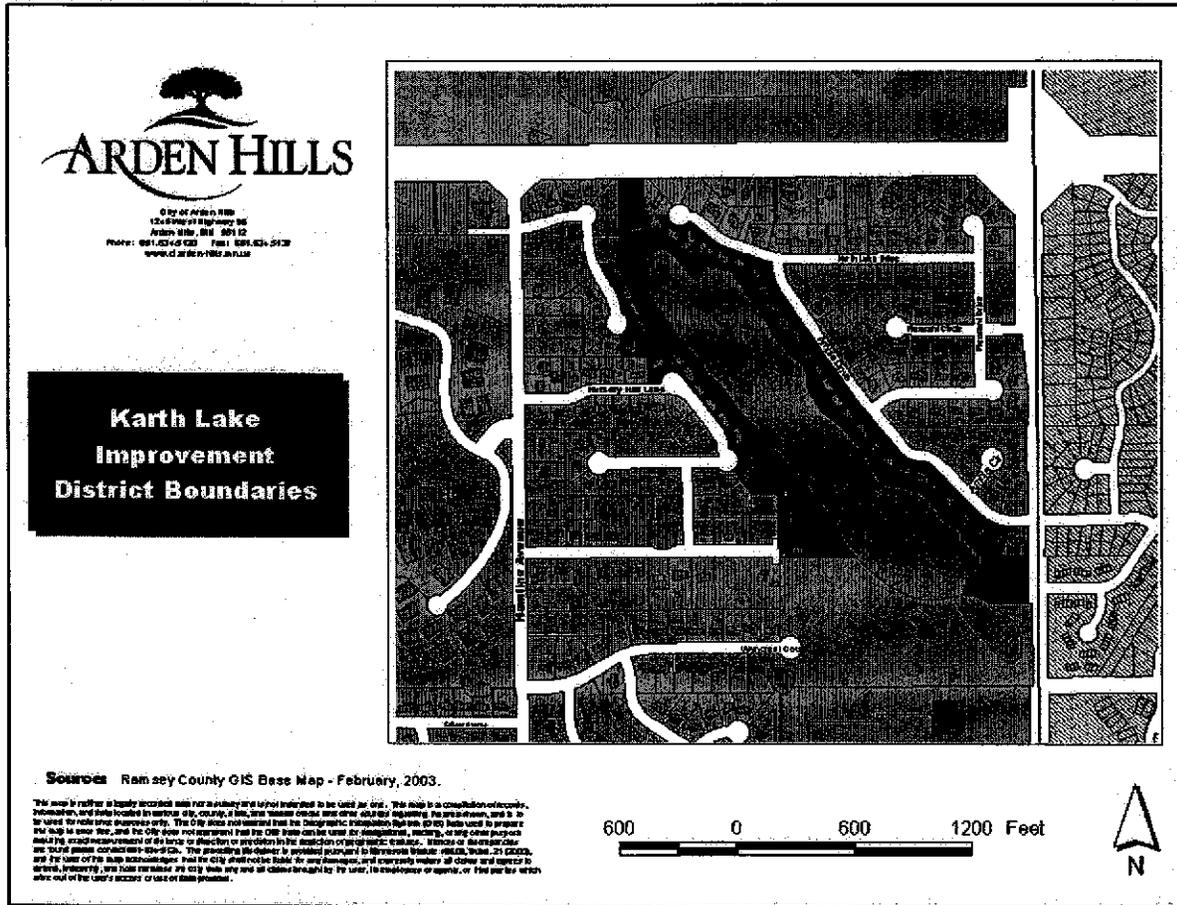
By: \_\_\_\_\_  
Beverly Aplikowski, Mayor

**Dated the 29<sup>th</sup> day of September, 2003.**

ATTEST:

\_\_\_\_\_  
Michelle Wolfe, City Administrator

# Exhibit 1: Karth Lake Improvement District Boundaries



## Attachment B

### KARTH LAKE IMPROVEMENT DISTRICT BYLAWS

- 1.0 **Establishment of Board of Directors.** The Karth Lake Improvement District was established pursuant to Order of the City Council dated the 29<sup>th</sup> day of September, 2003.
- 2.0 **Composition of Board of Directors.** The Karth Lake Improvement District Board of Directors shall consist of five members initially appointed by the Arden Hills City Council and thereafter elected by qualified voters and owners of property within the Karth Lake Improvement District. Board Members shall reside within the City of Arden Hills. A majority of the board members shall own property within the Karth Lake Improvement District.
- 3.0 **Terms of Office.** Board members shall be elected for a term of three years. The first appointed Board of Directors shall be composed of two members whose terms expire on the 31<sup>st</sup> day of December, 2004 ; two members whose terms expire on the 31<sup>st</sup> day of December, 2005 ; and one member whose term expires on the 31<sup>st</sup> day of December, 2006. Board members shall be elected at the annual meeting by a majority of the votes cast. Voting shall be by secret ballot. Absentee ballots shall be received at the offices of the Arden Hills City Administrator, 1245 west Highway 96, Arden Hills, MN, no later than 3:00 p.m. on the date of the annual meeting or such ballots shall be void.
- 4.0 **Vacancies.** In the case of a vacancy during the term of a Board member, a majority of the remaining Board members shall declare a vacancy and appoint a new member shall the vacancy and serve until the next annual meeting of the Karth Lake Improvement District. A vacancy shall exist if any office following events occur:
  - A. Death of a Board member;
  - B. Inability to perform the duties of a Board member;
  - C. Failure of a Board member to attend at least eight (80%) percent of the meetings; or;
  - D. Loss of City residency by a Board member or sale of qualifying property within the Karth Lake Improvement District.
- 5.0 **Organization.** The Board of Directors shall annually elect one member to serve as chairperson. The chairperson is responsible for the agenda of the meetings, presiding at meetings, minutes of meetings, and reports and recommendations to the City Council. The Arden Hills Operations and Maintenance Department shall maintain all records of the Board.
- 6.0 **Meetings and Reports.** The Board of Directors shall hold at least one annual meeting. The first annual meeting of the elected Board shall be held during the month of April and in each April thereafter unless changed by vote at an annual meeting. The Board shall adopt Rules of Procedure for business and shall keep a public record of all motions, resolutions, findings, minutes and reports which shall be in writing and a copy forwarded to the City Council.

**Attachment B**

- 7.0 Duties and Functions.** The Karth Lake Improvement District Board of Directors shall serve in an advisory capacity to the Arden Hills City Council and shall make recommendations to the City Council regarding the following:
- A. The construction and operation of water control structures as approved by the Commissioner of Natural Resources.
  - B. The construction of projects to change the course, current or cross-section of the waters of Karth Lake.
  - C. The acquisition of property, equipment or other facilities as necessary to improve the navigation of the waters of Karth Lake.
  - D. The implementation of research projects to determine the condition and development of the waters of Karth Lake and the waters which enter Karth Lake.
  - E. The development and implementation of a comprehensive plan to eliminate pollution of the waters of Karth Lake.
  - F. The development and implementation of a comprehensive program to improve and conserve the waters of Karth Lake.
  - G. The sources of funding for various projects proposed by the Board of Directors.
  - H. An annual budget for the operation of the Karth Lake Improvement District.
  - I. The maintenance of public beaches, docks, and other public facilities for access to the waters of Karth Lake.
  - J. The adoption of water surface use regulations for Karth Lake.
  - K. The amendment of Bylaws for the Karth Lake Improvement District.
- 8.0 Amendments.** Amendments to the Bylaws for the Karth Lake Improvement District shall be approved by a majority of the City Council.

CITY OF ARDEN HILLS

By: \_\_\_\_\_  
Beverly Aplikowski, Mayor

**Dated the 29<sup>th</sup> day of September, 2003.**

ATTEST:

\_\_\_\_\_  
Michelle Wolfe, City Administrator



September 9, 2003

**RE: Karth Lake Improvement District Public Hearing Notice / Project Bid Award**

Dear Karth Lake Area Resident

Please be advised that the Arden Hills City Council will hold a public hearing on **September 29, 2003** at approximately **7:00 p.m.** to consider the creation of a lake improvement district for Karth Lake. At the same meeting, the Council will also consider the bid award for the pumping project.

As a follow up to the July 31, 2003 City Council meeting, the City Council voted to proceed with the installation of a permanent pumping solution for Karth Lake. Further, the Council directed city staff to solicit bids for the project and to begin the process of creating a lake improvement district. As indicated at the meeting, the water will be pumped from Karth Lake through Guidant and ultimately follow the natural drainage pattern to Valentine Lake.

For clarification, at the July 31, 2003 Council meeting a household project cost estimate of approximately \$750 per property was provided. Subsequently, after researching lake improvement districts on a more detailed basis, city staff and the city attorney have determined that the cost cannot be allocated as a uniform assessment to all properties. Rather, it is necessary to levy taxes on properties within the lake improvement district. As such, depending on a homeowner's market value and the ultimate bid for the project, the cost may be slightly higher or lower. It is anticipated that parcel specific estimates will be available prior to the City Council meeting once bids for the project have been received.

If anyone should have any questions about the above, please feel free to contact me. Thank you for your time and consideration.

Sincerely,

Community Services

CC: Mayor and City Council  
Michelle Wolfe, City Administrator  
Tom Moore, Director of Operations Maintenance

# Enclosure #3: Karth Lake Pumping Project Tax Analysis

PIN	Owner #1	Owner #2	House #	Street	Street Type	Direction	Zip	2003 Market Value	Tax Capacity	Tax Rate	Estimated Total Annual Taxes	Estimated 3 Year Impact
223023140031	JILL L AMBLE		1225 AMBLE		RD		55112	178,700	1,787	10.0%	179	538
223023140032	LINDA K AMBLE		1219 AMBLE		RD		55112	284,500	2,845	10.0%	285	884
223023120036	GILBERT H SMITH		1176 AMBLE		DR		55112	286,900	2,869	10.0%	287	891
223023120039	BRUCE A JOHNSON		1220 KARTH LAKE		DR		55112	300,000	3,000	10.0%	300	900
223023140033	CHARLES O AMBLE		1211 AMBLE		RD		55112	306,500	3,065	10.0%	307	920
223023120035	DANIEL H CARLSON		1172 AMBLE		DR		55112	312,800	3,128	10.0%	313	938
223023120054	ELEANOR HARTMARK TRUSTEE		1280 96		DR	W	55112	313,900	3,139	10.0%	314	942
223023140034	JAMES A MIKLOS		4365 LEXINGTON		AVE	N	55126	316,000	3,160	10.0%	315	945
223023130038	JOHN C ROBICHAUD		1237 NURSERY HILL		LN		55112	317,700	3,177	10.0%	318	963
223023110006	JANET L NIENABER		1160 AMBLE		DR		55112	320,200	3,202	10.0%	320	961
223023110008	ARTHUR J BOURGEOIS		1168 AMBLE		DR		55112	321,500	3,215	10.0%	322	965
223023140022	SCOTT A HANSON		1124 AMBLE		DR		55112	324,100	3,241	10.0%	324	972
223023120038	WILLIAM R HILGEDICK		1144 AMBLE		DR		55112	330,000	3,300	10.0%	330	990
223023120018	FRANK W STODOLA		1212 KARTH LAKE		DR		55112	335,700	3,357	10.0%	336	1,007
223023120014	RICHARD F KLICK		1281 KARTH LAKE		CIR		55112	346,700	3,467	10.0%	347	1,040
223023120037	ARTHUR W LARSEN		1301 KARTH LAKE		CIR		55112	371,200	3,712	10.0%	371	1,114
223023120017	ROGER A SABOT		1180 KARTH LAKE		DR		55112	380,000	3,800	10.0%	380	1,140
223023110003	JEFFERY P WENDT		1148 AMBLE		DR		55112	386,500	3,865	10.0%	387	1,160
223023120015	JOYCE A ANDERSON		1295 KARTH LAKE		CIR		55112	393,300	3,933	10.0%	393	1,190
223023120031	RALPH H LARSON		1273 NURSERY HILL		LN		55112	397,500	3,975	10.0%	398	1,193
223023140085	ROGER A SABOT		4367 LEXINGTON		AVE	N	55126	397,800	3,978	10.0%	398	1,193
223023140005	RONALD D LINDMARK		1140 AMBLE		DR		55112	398,300	3,983	10.0%	398	1,195
223023140020	SHIH PAU YEN		1115 AMBLE		DR		55112	401,300	4,013	10.0%	402	1,231
223023140025	TRUSTEE OF THE VIOLET KERN		1136 AMBLE		DR		55112	410,300	4,103	10.0%	410	1,231
223023140004	THOMAS E HEIDEMAN		1142 AMBLE		DR		55112	412,200	4,122	10.0%	412	1,237
223023130037	WILLIAM J SWEENEY		1241 NURSERY HILL		LN		55112	418,600	4,186	10.0%	419	1,256
223023120032			1267 NURSERY HILL		LN		55112	419,100	4,191	10.0%	419	1,257
223023140080	PAUL D AMBLE		1229 AMBLE		RD		55112	425,800	4,258	10.0%	426	1,277
223023120034	WILLIAM F MCCABE		1265 NURSERY HILL		LN		55112	445,000	4,450	10.0%	445	1,335
223023140023	PEN HSIANG LI		1128 AMBLE		DR		55112	445,100	4,451	10.0%	445	1,335
223023110007	ION E LUNDIN		1164 AMBLE		DR		55112	450,500	4,505	10.0%	451	1,352
223023140019	CARL V REYNOLDS		1112 AMBLE		DR		55112	452,600	4,526	10.0%	453	1,356
223023140024	EDMUND L FULLER JR		1132 AMBLE		DR		55112	475,300	4,753	10.0%	475	1,426
223023120016	RONALD T HAGKULL		1289 KARTH LAKE		CIR		55112	478,400	4,784	10.0%	478	1,429
223023140021	STEVEN P MARINO		1120 AMBLE		DR		55112	483,900	4,839	10.0%	484	1,452
223023120033	RICHARD A ROESSLER		1281 NURSERY HILL		LN		55112	485,700	4,857	10.0%	486	1,457
223023120040	MIKE J ENZ		1228 KARTH LAKE		DR		55112	490,200	4,902	10.0%	490	1,471
223023140018	KELVIN W KOBERNICK		1108 AMBLE		DR		55112	495,000	4,950	10.0%	495	1,485
223023120030	STANLEY D HARPSTEAD		1277 NURSERY HILL		LN		55112	504,800	5,048	10.0%	505	1,514
223023110005	DAVID C YAUCH		1156 AMBLE		DR		55112	507,600	5,076	10.0%	508	1,523
223023120058	R GARY FULCHER		1249 NURSERY HILL		LN		55112	538,500	5,385	10.0%	537	1,610
223023110004	DAVID W STEPHENS		1152 AMBLE		DR		55112	537,300	5,373	10.0%	537	1,612
223023120043	KEN A SPANGLER		1260 KARTH LAKE		DR		55112	555,000	5,550	10.0%	555	1,665
223023120042	CLAUDIA D LANDGRAF		1244 KARTH LAKE		DR		55112	585,000	5,850	10.0%	585	1,755
223023120017	JOHN R BOTTGER		1285 KARTH LAKE		CIR		55112	595,600	5,956	10.0%	596	1,787
223023120041	GARY H GERDING		1236 KARTH LAKE		DR		55112	615,800	6,158	10.0%	618	1,847
								\$18,983,800	\$189,638		\$18,964	\$56,981



September 23, 2003

AGENDA ITEM 5.B

Ms. Michelle Wolfe  
City Administrator  
City of Arden Hills  
1245 West Highway 96  
Arden Hills, MN 55112

RE: Lift Station #7 Rehabilitation  
Karth Lake Pumping Station

Dear Ms. Wolfe,

Bids were received and opened for the above-referenced project on September 18, 2003. Bids were received from three (3) contractors. The tabulated bid outcome is as follows:

	<u>Contractor</u>	<u>A: Lift Station #7</u>	<u>B: Karth Lake</u>	<u>Total Amount</u>
1.	Jay Bros., Inc.	\$134,073.00	\$98,699.50	\$232,772.50
2.	Barbarossa & Sons Inc.	\$148,515.00	\$105,180.00	\$253,695.00
3.	Magney Construction Inc.	\$173,839.00	\$120,834.00	\$294,673.00
	Engineer's Estimate	\$118,000.00	\$84,000.00	\$202,000.00

All bids had proper bid guarantees in the amount of ten percent (10%) of the total bid as required by the Project Manual. A copy of the bid tabulation is attached for your information.

Jay Bros., Inc submitted the low bid with a total bid amount of \$232,772.50. The low bid is approximately \$35,000 (15%) more than the Engineer's Estimate. With regard to Lift Station #7, the bid items for the lift station wet well and the pump system produced the majority of the increase when compared to the Engineer's Estimate. With regard to Karth Lake, the bid items for electrical control system and the submersible pump produced the majority of the increase in costs. We feel that while these costs are over the Engineer's Estimate they do reflect a competitive bid in the current marketplace based on the unique conditions of these two sites. In both instances the Contractor indicated that their prices resulted from the difficulty in accessing the two sites and limiting their impact to the existing vegetation in Cummings Park and on the Presbyterian Homes property.

The Engineer has direct experience working with the low bidder, Jay Bros., Inc. including the Reconstruction of Lift Station #3 on Lake Johanna Boulevard and most recently the 2003 Sanitary Sewer Rehabilitation project which included the reconstruction of Lift Station #5 and #2. The Engineer is confident that Jay Bros., Inc. is capable of successfully completing the work included with this project.



Ms. Michelle Wolfe  
September 23, 2003  
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Council Options

- Award the Contract to Jay Bros., Inc. for \$232,772.50.
- Reject and rebid the project in the spring.
  - The Council may decide to rebid the project however it is uncertain whether this would result in a lower bid.
- Drop Lift Station #7 from the Contract while keeping Karth Lake Pumping Station.
  - We discussed with the Contractor the option of awarding the Contract for \$232,772.50 contingent on producing a change order reducing the Contract Amount to \$98,699.50 and he agreed.

Recommendations

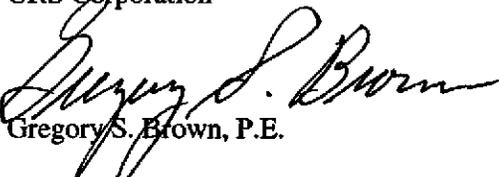
Based on review of the bids and subsequent discussion with the Contractor, we feel that the bids represent reasonable costs for the work and a rebid would not likely decrease costs. Awarding the Contract at this time and allowing the work to proceed in the off season would minimize the disruption to Cummings Park and Presbyterian Homes. The City Engineer, therefore, recommends the award of the Lift Station #7 Rehabilitation/ Karth Lake Pumping Station to Jay Bros., Inc. for the total amount of \$232,772.50. The project schedule outlined below is based upon award by the City Council on September 29, 2003.

Notice to Proceed	October 6, 2003
Begin Construction	October 13, 2003
Complete Construction	May 21, 2004

Please call me at (612) 373-6479 if you have any questions or need additional information.

Sincerely,

URS Corporation



Gregory S. Brown, P.E.

Arden Hills City Engineer

Enclosure

cc: Tom Moore/Arden Hills  
Nick Landwer/URS  
Mark Lynch/URS  
Frank Ticknor/URS

File 37951-028-0101

## Bid Tabulation

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Owner	City of Arden Hills
Description	Lift Station #7 Rehabilitation / Karth Lake Pumping Station
Owner's No.	
Job No.	37951-028-0101
Project Manager	Brown, Gregory

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# Bid Summary

Rank	Contractor	Grand Total	A: LIFT STATION #7	B: KARTH LAKE PUMP STATION
1	JAY BROS., INC.	\$232,772.50	\$134,073.00	\$98,699.50
2	BARBAROSSA & SONS, INC.	\$253,695.00	\$148,515.00	\$105,180.00
3	MAGNEY CONSTRUCTION, INC.	\$294,873.00	\$173,839.00	\$120,834.00

Sched	Item	M/NDOT	Description	Quantity	Units	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
A	1	2021.501	MOBILIZATION	1.00	LS	\$4,590.00	\$4,590.00	\$5,600.00	\$5,600.00	\$28,700.00	\$28,700.00
A	2	2103.601	LIFT STATION NO. 7 REMOVAL	1.00	LS	\$4,800.00	\$4,800.00	\$4,500.00	\$4,500.00	\$6,200.00	\$6,200.00
A	3	2104.501	REMOVE SEWER PIPE (6" C/P)	15.00	LF	\$10.00	\$150.00	\$300.00	\$300.00	\$35.00	\$525.00
A	4	2104.501	REMOVE SEWER PIPE (8" VCP)	30.00	LF	\$10.00	\$300.00	\$20.00	\$600.00	\$40.00	\$1,200.00
A	5	2104.509	REMOVE MANHOLE (SANITARY)	1.00	EA	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$3,700.00	\$3,700.00
A	6	2451.601	DEWATERING	1.00	LS	\$3,000.00	\$3,000.00	\$5,900.00	\$5,900.00	\$9,200.00	\$9,200.00
A	7	2503.503	8" PVC PIPE SEWER	15.00	LF	\$80.00	\$900.00	\$75.00	\$1,125.00	\$84.00	\$960.00
A	8	2503.503	FITTINGS	2000.00	LB	\$3.00	\$6,000.00	\$1.80	\$3,600.00	\$1.50	\$3,000.00
A	9	2503.503	4" DIP FORCEMAIN, C150	40.00	LF	\$25.00	\$1,000.00	\$95.00	\$3,800.00	\$52.00	\$2,080.00
A	10	2503.503	6" DIP FORCEMAIN, C150	15.00	LF	\$30.00	\$450.00	\$100.00	\$1,500.00	\$40.00	\$600.00
A	11	2503.503	4" FLANGE GATE VALVE	2.00	EA	\$345.00	\$690.00	\$550.00	\$1,100.00	\$428.00	\$852.00
A	12	2503.503	6" FLANGE GATE VALVE	2.00	EA	\$520.00	\$1,040.00	\$700.00	\$1,400.00	\$651.00	\$1,302.00
A	13	2503.503	CONNECT TO EXISTING SANITARY SEWER	2.00	EA	\$500.00	\$1,000.00	\$1,800.00	\$3,600.00	\$500.00	\$1,000.00
A	14	2503.503	4" SWING FLEX CHECK VALVE	2.00	EA	\$435.00	\$870.00	\$800.00	\$1,600.00	\$530.00	\$1,060.00
A	15	2503.503	3" STEEL VENT PIPE	1.00	EA	\$100.00	\$100.00	\$250.00	\$250.00	\$480.00	\$480.00
A	16	2503.603	F & I LIFT STATION NO. 7 ELECTRICAL SYSTEM	1.00	LS	\$20,900.00	\$20,900.00	\$34,000.00	\$34,000.00	\$22,200.00	\$22,200.00
A	17	2503.603	F & I LIFT STATION NO. 7 PUMP SYSTEM	1.00	LS	\$28,500.00	\$28,500.00	\$15,500.00	\$15,500.00	\$42,000.00	\$42,000.00
A	18	2503.603	CONNECT TO EXISTING SANITARY FORCEMAIN	1.00	EA	\$60.00	\$60.00	\$2,500.00	\$2,500.00	\$40.00	\$40.00
A	19	2503.603	SEWER BYPASS LIFT STATION #7	1.00	LS	\$6,012.00	\$6,012.00	\$5,800.00	\$5,800.00	\$8,200.00	\$8,200.00
A	20	2506.602	72" LIFT STATION W/ET WELL WITH ACCESS HATCH	1.00	EA	\$24,783.00	\$24,783.00	\$29,000.00	\$29,000.00	\$19,500.00	\$19,500.00
A	21	2506.602	60" VALVE MANHOLE	1.00	EA	\$5,508.00	\$5,508.00	\$5,400.00	\$5,400.00	\$5,000.00	\$5,000.00
A	22	2573.502	TEMPORARY CONSTRUCTION FENCE	800.00	LF	\$4.00	\$3,200.00	\$5.00	\$4,000.00	\$4.50	\$3,600.00
A	23	2573.502	SILT FENCE TYPE HEAVY DUTY	600.00	LF	\$3.00	\$1,800.00	\$1.90	\$1,140.00	\$2.30	\$1,380.00
A	24	2575.505	SOODING TYPE LAWN	3000.00	SY	\$4.00	\$12,000.00	\$3.10	\$9,300.00	\$2.90	\$8,700.00
A	25	2575.602	RESTORATION	1.00	LS	\$5,000.00	\$5,000.00	\$6,000.00	\$6,000.00	\$2,000.00	\$2,000.00
B	1	2021.501	MOBILIZATION	1.00	LS	\$3,925.00	\$3,925.00	\$5,600.00	\$5,600.00	\$13,000.00	\$13,000.00
B	2	2250.604	BITUMINOUS PAVEMENT (PATH PATCHING)	150.00	SY	\$24.75	\$3,712.50	\$20.00	\$3,000.00	\$22.00	\$3,300.00
B	3	2503.502	4" HDPE PIPE SEWER	20.00	LF	\$25.00	\$500.00	\$80.00	\$1,200.00	\$26.00	\$520.00
B	4	2503.502	4" HDPE BEND	1.00	EA	\$25.00	\$25.00	\$95.00	\$95.00	\$180.00	\$180.00
B	5	2503.502	6" x 4" REDUCER	1.00	EA	\$35.00	\$35.00	\$95.00	\$95.00	\$184.00	\$184.00
B	6	2503.502	F & I ELECTRICAL CONTROL SYSTEM	1.00	LS	\$23,100.00	\$23,100.00	\$23,000.00	\$23,000.00	\$24,150.00	\$24,150.00
B	7	2503.502	FURNISH SUBMERSIBLE PUMP	1.00	LS	\$14,500.00	\$14,500.00	\$6,650.00	\$6,650.00	\$22,500.00	\$22,500.00
B	8	2503.502	6" HDPE FORCEMAIN	1520.00	LF	\$17.80	\$26,782.00	\$28.00	\$42,560.00	\$23.00	\$34,960.00
B	9	2503.503	CONNECT TO EXISTING STORM SEWER STUB	1.00	EA	\$1,800.00	\$1,800.00	\$1,400.00	\$1,400.00	\$2,300.00	\$2,300.00
B	10	2503.602	DRAINAGE STRUCTURE SPECIAL, 27" (HANDHOLE)	1.00	EA	\$750.00	\$750.00	\$1,500.00	\$1,500.00	\$2,300.00	\$2,300.00
B	11	2503.602	RAFT ASSEMBLY (FOR SUBMERSIBLE PUMP)	1.00	EA	\$3,000.00	\$3,000.00	\$3,500.00	\$3,500.00	\$3,200.00	\$3,200.00
B	12	2572.502	SILT FENCE TYPE HEAVY DUTY	1000.00	LF	\$3.00	\$3,000.00	\$1.90	\$1,900.00	\$2.30	\$2,300.00
B	13	2575.505	SOODING TYPE LAWN	3000.00	SY	\$4.00	\$12,000.00	\$3.10	\$9,300.00	\$2.88	\$8,640.00
B	14	2575.523	WOOD FIBER BLANKETS TYPE REGULAR	200.00	SY	\$3.00	\$600.00	\$1.95	\$390.00	\$6.00	\$1,200.00
B	15	2575.602	RESTORATION	1.00	LS	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$2,100.00	\$2,100.00

JAY BROS., INC.	BARBAROSSA & SONS, INC.	MAGNEY CONSTRUCTION, INC.
\$28,500.00	\$15,500.00	\$42,000.00
\$60.00	\$2,500.00	\$40.00
\$6,012.00	\$5,800.00	\$8,200.00
\$24,783.00	\$29,000.00	\$19,500.00
\$5,508.00	\$5,400.00	\$5,000.00
\$4.00	\$5.00	\$4.50
\$3.00	\$1.90	\$2.30
\$4.00	\$3.10	\$2.90
\$5,000.00	\$6,000.00	\$2,000.00
\$3,925.00	\$5,600.00	\$13,000.00
\$24.75	\$20.00	\$22.00
\$25.00	\$80.00	\$26.00
\$35.00	\$95.00	\$180.00
\$23,100.00	\$23,000.00	\$24,150.00
\$14,500.00	\$6,650.00	\$22,500.00
\$17.80	\$28.00	\$23.00
\$1,800.00	\$1,400.00	\$2,300.00
\$750.00	\$1,500.00	\$2,300.00
\$3,000.00	\$3,500.00	\$3,200.00
\$3.00	\$1.90	\$2.30
\$4.00	\$3.10	\$2.88
\$3.00	\$1.95	\$6.00
\$5,000.00	\$5,000.00	\$2,100.00