

PORT AUTHORITY OF WINONA

Box 378

Winona, MN 55987-0378

(507) 457-8250

FAX (507) 457-8212

AGENDA RECESSED MEETING OF DECEMBER 9, 2004

DATE: December 20, 2004
TIME: 5:30 P.M.
PLACE: Council Chambers, City Hall

Joint Pre-Council, Port Authority meeting on Shakespeare Festival

1. OPEN RECESSED MEETING
2. REMARKS BY PRESIDENT
3. NEW BUSINESS

A. Shakespeare Festival

Port Authority will consider taking action on the Shakespeare Festival per the joint meeting.

B. Amendment to Engineering Service Contract for Louisa Street

MnDOT is requiring additional engineering services for the Louisa Street Extension Project. WHKS has submitted an amendment to the contract for \$43,600 to cover the four additional engineering services.

If the Commissioners concur with the staff recommendation to approve the additional services, a motion to authorize signing the amendment to the contract would be appropriate.

C. Sedimentation Basin Project

Port Authority Commissioners are requested to approve the resolution to accept the work and final contract price of \$363,193.62. A motion to approve the attached resolution approving the final contract would be appropriate.

D. Schain Industrial Park Fill Project

Port Authority Commissioners are requested to approve the resolution to accept the work and final contract price of \$211,413.79. A motion to approve the attached resolution would be appropriate.

E. Watermain and Sanitary Sewer-Riverbend

Port Authority Commissioners are requested to approve the resolution to accept the work and final contract price of \$90,136.00. A motion to approve the attached resolution would be appropriate.

4. ADJOURNMENT

PORT AUTHORITY AGENDA ITEM

AGENDA ITEM: Shakespeare Festival

DATE: 12/20/04

The Port Authority and City Council are holding a joint meeting to discuss the Shakespeare Festival and possible assistance for both bodies. Any action taken would be after the joint discussion.

PORT AUTHORITY AGENDA ITEM

AGENDA ITEM: Amendment to Engineering Service Contract for Louisa Street

DATE: December 20, 2004

During review with MnDOT for the Louisa Street extension project, additional engineering services are required for the project. The attached proposal covers the additional services to be provided by WHKS.

Staff recommends entering into the additional professional service contract to complete the engineering needed for the project.

If the Commissioners concur, a motion to authorize execution of the contract would be appropriate.

WHKS & CO.

ENGINEERS PLANNERS LAND SURVEYORS

FOUAD K. DAOUD, P.E. & S.E., PRESIDENT & CEO
PENNY L. SCHMITZ, EXEC. VICE PRES., COO & CFO
RICK G. ENGSTROM, C.E.T., VICE PRESIDENT
MICHAEL A. ZELINSKAS, P.E., VICE PRESIDENT
GERALD M. WEILAND, P.E., CHAIRMAN OF THE BOARD

October 13, 2004

Ms. Judith Bodway
Port Authority of Winona
207 Lafayette St.
P.O. Box 378
Winona, MN 55987-0378

2905 S. BROADWAY
ROCHESTER, MN 55904-5515
phone 507-288-3923
fax 507-288-2675
e-mail: rochester@whks.com
website: www.whks.com

RE: Amended proposal for design of the
Louisa Street Extension and Trunk Highway 61
Winona, MN

Dear Ms. Bodway:

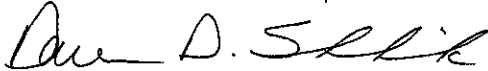
As requested, we are pleased to submit an amended proposal for Engineering Services to perform design of the aforementioned project.

The attached supplemental professional service agreement details our scope of services, schedule and design fees. This supplemental agreement is in addition to the original professional service agreement, dated April 23, 2004. If accepted, please sign and date an original supplemental professional service agreement and return it to our office.

Please contact me if you have any questions, or need additional information.

Sincerely,

WHKS & Co.



Daren D. Sikkink, P.E.

DDS/

Enclosures

S:/Proposals/Winona/2004/LouisaStreet/SupplementalAgreement/Proposal-JB.doc

OTHER OFFICES:

P.O. BOX 1467
470 CENTRAL AVENUE
1421 S. BELL AVE., SUITE 103
167 SINSINAWA AVENUE

MASON CITY, IA 50402-1467
DUBUQUE, IA 52001-7024
AMES, IA 50010-7710
EAST DUBUQUE, IL 61025-1218

PHONE 641-423-8271
PHONE 563-582-5481
PHONE 515-663-9997
PHONE 815-747-8833

SUPPLEMENTAL PROFESSIONAL SERVICES AGREEMENT

THIS AGREEMENT, by and between Port Authority of Winona hereinafter referred to as the "Client" and WHKS & Co., hereinafter referred to as "WHKS", is made as follows:

WHEREAS, the Client has a need for certain professional services relating to the project described as: Louisa Street Preliminary Design, Traffic Study, and Bridge Reconstruction Design, and,

WHEREAS, WHKS proposes to furnish the professional services required by the Client for said project,

NOW THEREFORE, the Client hereby agrees to retain and compensate WHKS to perform the professional services in accordance with the terms and conditions of this Agreement and the attached General Provisions.

Project Description and Scope of Services

See Exhibit B

Basis of Compensation

For the services described above, the Client shall renumerate WHKS as follows:

Municipal Services

Items 1-3 A Lump Sum Fee of \$7,600

Structural Services

Item 1 A Lump Sum Fee of \$6,000

Traffic Study Services

Item 1 A Lump Sum Fee of \$15,000

Highway Services

A Lump Sum Fee of \$15,000

Total Engineering Fees \$43,600

Executed this _____ day of _____, 2004.

Port Authority of Winona

By: _____

Title: _____

WHKS & Co.

By: *Rick G. Engstrom*
Rick G. Engstrom

Title: Vice President

EXHIBIT B

Re: Louisa Street Preliminary Design, Traffic Study, and Bridge Reconstruction Design.
Winona, Minnesota

Engineering Services Proposal

MUNICIPAL PROJECT DESCRIPTION:

The Port Authority /City of Winona wishes to complete preliminary design of the extension of Louisa Street south of Sugar Loaf View to Trunk Highway 43. The design is to be based on a previous Engineering Study by WHKS, which among other items, identified preliminary locations for these streets.

The work will include the establishment of preliminary alignments on all properties. WHKS will provide exhibits to define the preliminary alignment of the affected properties.

MUNICIPAL SCOPE OF SERVICES:

The work to be performed by WHKS under this Agreement shall encompass and include all detail work, services, materials, equipment and supplies necessary to prepare and deliver contract exhibits for the following:

1. Provide topographic surveying for the proposed preliminary street alignment based on the layout in the Riverbend Retail Park Access Plan by WHKS and any alternate routes.
2. Prepare preliminary street exhibits for the Port's use to discuss with MN/DOT.
3. Coordinate preliminary design and review with the City and MN/DOT.

This scope does not include the following tasks:

1. Construction services such as administration, staking, testing, and observations.
2. Zoning or land use issues.
3. Traffic signal design for the intersections of Louisa Street and Trunk Highway 43.

STRUCTURAL PROJECT DESCRIPTION:

This project involves widening and superstructure replacement to the North Bound steel bridge (132'-0" x 32'-0", Skew = 26° 7') located on State Trunk Highway 61 (TH61) over a drainage channel in Winona, Minnesota. The bridge is to be widened by 18 feet on the outside to provide a right turn lane and 12 feet on the median side to provide a left turn lane.

STRUCTURAL SCOPE OF SERVICES:

In accordance with the qualification requirements for State Highway bridge design WHKS has contracted with a sub consultant, **WSB and Associates**, to provide design and detailing services associated with the widening of the bridge and the replacement of the superstructure.

The Engineering/Technician hours are based on the following assumptions for the additional work:

1. Prestressed Beams will be used on the widened portions and also on the replacement portions of the bridge.
2. Existing piers and abutments will be checked for HS25 truck loading.
3. The top of the existing frame pier will be removed and raised to accommodate the raise in grade required because of the complete superstructure replacement. The widened portions of the structure will be supported by separate stand alone piers.
4. The stub abutments will be widened on both ends and repaired and the existing pedestals will be raised to accommodate the raise in grade required because of the complete superstructure replacement.

TRAFFIC STUDY PROJECT DESCRIPTION:

This project involves a detailed traffic analysis of the Trunk Highway 61, Trunk Highway 43, Sugar Loaf View, and the Proposed Louisa Street extension area in the City of Winona. The Traffic Study Scope was provided by MN/DOT, which requested the City and Port Authority perform this study. WHKS & Co. will use **Benshoof & Associates**, as a Sub Contractor to perform the necessary work.

HIGHWAY PROJECT DESCRIPTION:

The Port Authority /City of Winona wishes to complete the Trunk Highway 61 bridge and highway work associated with the Louisa Street extension. Also included are revisions to northbound TH61 to facilitate raising the grade to accommodate changes to the bridge reconstruction.

HIGHWAY SCOPE OF SERVICES:

The work to be performed by WHKS under this Agreement shall encompass and include all detail work, services, materials, equipment and supplies necessary to prepare and deliver additional plans and specifications for the following:

1. Improvements to State Trunk Highway 61.

The Engineering/Technician hours are based on the following assumptions for the additional work:

Louisa Street / State Trunk Highway 61

1. Design vehicle for turning paths will be the AASHTO WB62.
2. Analyze shoulder configurations to provide optimal sight distance.
3. Three approach lanes required on Louisa Street.

Improvements to State Trunk Highway 61

1. Revise the profile of northbound TH61.
2. Provide typical sections for the improvements.
3. Cross sections will be provided at 50-foot intervals along TH61.
4. WHKS & Co. to provide a Level 2 Geometric Layout to MnDOT for approval.
5. Highway plans and bridge plans will be incorporated into one set of construction plans.

DELIVERABLES:

The following will be supplied to the Port Authority / City of Winona in fulfillment of this Supplemental Engineering Services Agreement:

1. A Preliminary Street Alignment Exhibit showing possible alternatives.
2. Final highway and bridge reconstruction plans and specifications for the Trunk Highway 61 north bound bridge.
3. A Traffic study analyzing the area around the TH 43 and TH 61 intersection.

SCHEDULE:

Work will commence upon the Port Authority of Winona's authorization.

The preliminary alignment work has been performed and has been submitted to the Port/City and MN/DOT for review. The bridge reconstruction plans and specifications will be completed by December 23, 2004. The Traffic Study will be completed by December 17, 2004.

PORT AUTHORITY AGENDA ITEM

AGENDA ITEM: Sedimentation Basins

DATE: December 20, 2004

The Sedimentation Basin Project has been completed and approved by the City Engineer. This project completes the Lake Winona Dredging Project.

The final cost for the project was \$363,193.62 with a bid price of \$364,850.74.

If the Commissioners concur with the staff recommendation to accept the work, the following resolution should be approved:

RESOLUTION

WHEREAS, a contract was let for the Sedimentation Basin Project; and

WHEREAS, the contract has been completed according to plans and specifications and approved by the City Engineer; and

WHEREAS, the final cost of the project is \$363,193.62.

NOW, THEREFORE, BE IT RESOLVED by the Port Authority of Winona that they accept the final work and final cost of \$363,193.62.

CONTRACTOR'S COPY

SEDIMENTATION BASINS

PAYMENT 4 - FINAL
Holte Contracting

ESTIMATE OF WORK COMPLETED
Payment Date: December 3, 2004

Spec No.	Description	Bid Quantity	F	Actual Quantity	Unit	Unit Price	Percent Complete	Total Cost
2021.501	MOBILIZATION	1	F	1	LS	\$ 32,000.00	100%	\$ 32,000.00
2101.501	CLEARING	2.2	F	2.2	ACRE	\$ 5,000.00	100%	\$ 11,000.00
2101.506	GRUBBING	2.2	F	2.2	ACRE	\$ 5,000.00	100%	\$ 11,000.00
2105.521	GRANULAR BORROW	18	F	18	CY	\$ 30.00	100%	\$ 540.00
2105.501	COMMON EXCAVATION (P)	9,935	F	7,600	CY	\$ 4.71	76%	\$ 35,796.00
2105.607	EMBANKMENT (P)	2,527	F	2,977	CY	\$ 5.60	118%	\$ 16,671.20
2501.511	36-INCH RCP CLASS IV	153	F	153	LF	\$ 78.10	100%	\$ 11,949.30
2501.511	42-INCH RCP CLASS IV	142	F	142	LF	\$ 97.80	100%	\$ 13,887.60
2501.515	36-INCH RC APRON	2	F	2	EA	\$ 875.00	100%	\$ 1,750.00
2501.515	42-INCH RC APRON	1	F	1	EA	\$ 1,030.00	100%	\$ 1,030.00
2501.602	ALUMINUM HEADWALL WITH WINGWALLS	4	F	4	EA	\$ 7,500.00	100%	\$ 30,000.00
2502.521	6-INCH PVC PIPE	21	F	21	LF	\$ 20.00	100%	\$ 420.00
2506.501	54-INCH RCP OUTLET STRUCTURE	17.19	F	17.19	LF	\$ 609.00	100%	\$ 10,458.71
2506.501	66-INCH RCP OUTLET STRUCTURE	14.00	F	14.00	LF	\$ 620.00	100%	\$ 8,680.00
2511.501	GROUTED RIPRAP, CLASS 3	42	F	59	CY	\$ 98.00	140%	\$ 5,782.00
2511.501	GROUTED RIPRAP, CLASS 4	221	F	277	CY	\$ 66.00	125%	\$ 18,282.00
2511.515	GEOTEXTILE FILTER TYPE 4	381	F	547	SY	\$ 2.00	144%	\$ 1,094.00
2540.601	TIMBER RETAINING WALL	1,297	F	1,124	LF	\$ 93.00	87%	\$ 104,532.00
2573.601	TEMPORARY EROSION CONTROL	1	F	1	LS	\$ 14,000.00	100%	\$ 14,000.00
2573.603	BIOROLL	216	F	216	LF	\$ 3.75	100%	\$ 810.00
2575.501	SEEDING	2.2	F	2.8	ACRE	\$ 802.50	127%	\$ 2,247.00
2575.502	SEED MIXTURE 50B	110	F	130	LB	\$ 2.14	118%	\$ 278.20
2575.511	MULCH MATERIAL TYPE 1	1	F	0.5	TON	\$ 160.50	50%	\$ 80.25
2575.523	EROSION CONTROL (STRAW) BLANKET TYPE 2	4,079	F	9,975	SY	\$ 1.61	245%	\$ 16,059.75

SEDIMENTATION BASINS

ESTIMATE OF WORK COMPLETED
 Payment Date: December 3, 2004

PAYMENT 4 - FINAL
 Holte Contracting

Spec No.	Description	Bid Quantity	F	Actual Quantity	Unit	Unit Price	Percent Complete	Total Cost
2575.525	EROSION STABILIZATION MAT TYPE 4	227	F	252	SY	\$ 1.87	111%	\$ 471.24
2575.532	FERTILIZER 22-5-10	440	F	420	LB	\$ 0.30	95%	\$ 126.00

Total Work Completed \$ 363,193.62 100%
 Bid Price \$ 364,850.74

Subtotal \$ 348,955.25
 Bond \$7,000.00
 Change Order #1 \$3,196.03
 Change Order #2 \$1,488.23
 Change Order #3 \$2,554.11
 Total Work Completed \$ 363,193.62
 Less 5% \$
 Less Previous Payments \$ 271,653.86
 Net Payment This Estimate \$ 91,539.76

Prepared and Certified Correct:

Brian DeFrang
 Brian DeFrang, City Engineer
 License #40971
 Date 12-2-04

Eric B. Sorensen
 Eric B. Sorensen, Exec. Sec'y
 Port Authority of Winona
 Date 12/3/04

William S. Holte
 William S. Holte, President
 Holte Contracting
 Date 11/30/04

Number	Estimate	Payment
1	\$ 83,969.61	\$ 79,771.13
2	\$ 191,050.65	\$ 101,726.99
3	\$ 285,951.43	\$ 90,155.74
4 - FINAL	\$ 363,193.62	\$ 91,539.76

PORT AUTHORITY AGENDA ITEM

AGENDA ITEM: Schain Industrial Park Fill Project

DATE: December 20, 2004

The Schain Industrial Park Fill Project has been completed and approved by the City Engineer. The Project included the following two change orders:

1. Change Order 1
For new storm sewer connections under Wilkie Drive and Homer Road and to abandon the original location under Homer Road.
2. Change Order 2
Modification to the pipe under Homer Road.

Final construction cost was \$211,413.79 with a bid price of \$184,066.00

If the Commissioners concur with the staff recommendation to accept the work, a motion to approve the following resolution would be appropriate:

RESOLUTION

WHEREAS, a contract was let for the Schain Industrial Park Fill Project; and

WHEREAS, the original contract price for these improvements is \$211,413.79; and

WHEREAS, change orders to the contract price have been issued in the amounts of \$24,895.66 and \$2,452.13 bringing the contract price to \$211,413.79; and

WHEREAS, the contract has been completed according to the plans and specifications; and

WHEREAS, the final price for the improvements is \$211,413.79.

NOW, THEREFORE, BE IT RESOLVED by the Port Authority of Winona, Minnesota:

1. The Port Authority of Winona hereby accepts the work.
2. The Port Authority approves change orders in the amount of \$27,347.79.
3. The Port Authority of Winona hereby approves the final cost of \$211,413.79.

SCHAIN INDUSTRIAL PARK FILL

ESTIMATE OF WORK COMPLETED
 Payment Date: September 2, 2004

PAYMENT 3 - FINAL
 Brantt Valley Excavating

Spec. No.	Description	Bid Quantity	F	Actual Quantity	Unit	Unit Price	Percent Complete	Total Cost
2105.521	GRANULAR BORROW (CV)	46,700	F	46,700	CY	\$ 3.68	100%	\$ 171,856.00
2563.601	TRAFFIC CONTROL	1	F	1	LS	\$ 500.00	100%	\$ 500.00
2573.502	SILT FENCE, TYPE HEAVY DUTY	1,610	F	1,610	LF	\$ 3.00	100%	\$ 4,830.00
2575.501	SEEDING	9.8	F	9.8	ACRE	\$ 200.00	100%	\$ 1,960.00
2575.502	SEED MIXTURE 60B	980	F	980	LB	\$ 3.00	100%	\$ 2,940.00
2575.511	MULCH MATERIAL TYPE 1	19.6	F	19.6	TON	\$ 50.00	100%	\$ 980.00
	COMPACTION TESTING	1	F	1	LS	\$ 1,000.00	100%	\$ 1,000.00

Subtotal \$ 184,066.00

Change Order #1 \$ 24,895.66

Change Order #2 \$ 2,452.13

Total Work Completed \$ 211,413.79

Less 5% \$ -

Less Previous Payments \$ 146,010.88

Net Payment This Estimate \$ 65,402.91

Total Work Completed	\$ 211,413.79
Bid Price	\$ 184,066.00
	115%

Prepared and Certified Correct:

Brian DeFrang 9-2-04
 Brian DeFrang, City Engineer Date

Eric B. Sorensen 9-2-04
 Eric B. Sorensen, Exec. Sec'y Date

Robert Vanh... 9-2-04
 Port Authority of Winona Date

Accepted by: Brantt Valley Excavating

Number	Estimate	Payment
1	\$ 24,895.66	\$ 23,650.88
2	\$ 153,695.66	\$ 122,360.00
3 - FINAL	\$ 211,413.79	\$ 65,402.91

CHANGE ORDER #1

Contractor Name and Address:	Project Name & Number:
Brannt Valley Excavating - Robert Hemker RR 2, Box 257A Winona, MN 55987	Schain Industrial Park Fill

You are hereby requested to comply with the following changes from the contract plans and specifications:

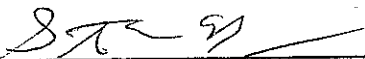
<i>Description of Changes</i>	<i>Decrease in Contract Price</i>	<i>Increase in Contract Price</i>
1. Bore & jack 24" casing for storm sewer under Wilkie (70 LF)		\$ 7,220.49
2. Bore & jack 24" casing for storm sewer under Homer Road (76 LF)		\$ 7,353.75
3. Abandon first casing bore under Homer Road due to buried concrete pavement.		\$ 10,321.42
Total Change Order #1	\$0.00	\$ 24,895.66
Net Change in Contract Price:		\$ 24,895.66

CHANGE IN CONTRACT TIME

Due to this change, the contract time:

- a. is () increased by ____ () working or () calendar days.
- b. is not changed (X).
- c. may be revised if the work affected the controlling operation ().


This document will become a supplement to the contract and all provisions of the contract will apply hereto.


Recommended: Steven McBurney, City Engineer

2-9-04
Date


Accepted: Brannt Valley Excavating

2-9-04
Date


Approved: Eric B. Sorensen, City Manager
Executive Sec'y, Port Authority of Winona

2/12/04
Date

CHANGE ORDER #2

Contractor Name and Address:	Project Name & Number:
Brannt Valley Excavating - Robert Hemker RR 2, Box 257A Winona, MN 55987	Schain Industrial Park Fill

You are hereby requested to comply with the following changes from the contract plans and specifications:

Description of Changes	Decrease in Contract Price	Increase in Contract Price
1. Pipe modification under Homer Road		\$ 2,452.13
Total Change Order #2	\$0.00	\$ 2,452.13
Net Change in Contract Price:		\$ 2,452.13

CHANGE IN CONTRACT TIME


Due to this change, the contract time:

- a. is () increased by ____ () working or () calendar days.
- b. is not changed (X).
- c. may be revised if the work affected the controlling operation ().


This document will become a supplement to the contract and all provisions of the contract will apply hereto.


Recommended: Brian DeFrang, City Engineer

9-2-04
Date


Accepted: Brannt Valley Excavating

9-2-04
Date


Approved: Eric B. Sorensen, City Manager
Executive Sec'y, Port Authority of Winona

9-2-04
Date

PORT AUTHORITY AGENDA ITEM

AGENDA ITEM: Watermain and Sanitary Sewer-Riverbend

DATE: December 20, 2004

The Watermain and Sanitary Sewer Project in Riverbend to serve Wenonah Canoe has been completed and approved by the City Engineer.

Final construction cost was \$90,136.00 with a bid price of \$78,694.00. There were no change orders on the project. The reason for the increased cost of the project was the increased amount of Type MV3 wearing and Non Wearing Course Mixture needed on the project. In order to connect to the utilities in Louisa Street, a much large cut in the street was needed and then had to be repaired resulting in the increased amounts. The City Engineer did approve of the needed increase.

If the Commissioners concur with the staff recommendation to accept the work, a motion to approve the following resolution would be appropriate:

RESOLUTION

WHEREAS, a contract was approved for the Watermain and Sanitary Sewer Project in Riverbend to serve Wenonah Canoe expansion project; and

WHEREAS, the original contract price for these improvements was \$78,694.00; and

WHEREAS, the increase in project costs of \$11,442.00 brings the contract price to \$90,136.00; and

WHEREAS, the contract has been completed according to the plans and specifications; and

WHEREAS, the final price for the improvements is \$90,136.00.

NOW, THEREFORE, BE IT RESOLVED by the Port Authority of Winona, Minnesota:

1. The Port Authority of Winona hereby accepts the work.
2. The Port Authority of Winona hereby approves the final cost of \$90,136.00.

Watermain and Sanitary Sewer To Serve Wenonah Canoe

ESTIMATE OF WORK COMPLETED

Payment Date: December 22, 2004

PAYMENT 2 - FINAL
Winona Excavating Co.

Spec No.	Description	Bid Quantity	F	Actual Quantity	Unit	Unit Price	Percent Complete	Total Cost
2104.501	Remove Conc. Curb & Gutter	120	F	120	L.F.	\$ 7.00	100%	\$ 840.00
2104.501	Remove RCP Storm Sewer	4	F	4	L.F.	\$ 10.00	100%	\$ 40.00
2104.505	Remove Bit. Pavement	370	F	370	S.Y.	\$ 2.50	100%	\$ 925.00
2104.513	Sawing Bituminous Pavement	180	F	180	L.F.	\$ 2.50	100%	\$ 450.00
2105.525	Topsoil Borrow (LV)	100	F	0	C.Y.	\$ 12.50	0%	\$ -
2211.501	Aggregate Base (CV), Class 5	123	F	91.0	C.Y.	\$ 25.00	74%	\$ 2,275.00
2350.501	Type MV3 Wearing Course Mixture	42	F	112	Ton	\$ 105.00	266%	\$ 11,728.50
2350.502	Type MV3 Non-Wearing Course Mixture	42	F	112	Ton	\$ 105.00	266%	\$ 11,728.50
2501.511	15" RCP Storm Sewer, CL III	54	F	54	L.F.	\$ 26.50	100%	\$ 1,431.00
2501.511	12" RCP Storm Sewer, CL III	48	F	48	L.F.	\$ 26.50	100%	\$ 1,272.00
2501.515	Catch Basin Structure Type A	2	F	2	Each	\$ 1,050.00	100%	\$ 2,100.00
2501.515	Manhole Structure Type 3 (48")	1	F	1	Each	\$ 1,150.00	100%	\$ 1,150.00
2503.500	Connect to Existing Manhole	2	F	2	Each	\$ 1,000.00	100%	\$ 2,000.00
2503.511	8" Pressure PVC Pipe Sanitary Sewer	403	F	403	L.F.	\$ 28.50	100%	\$ 11,485.50
2503.511	Trench Dewatering	403	F	403	L.F.	\$ 36.00	100%	\$ 14,508.00
2503.570	8" x 6" PVC Pipe Tees	3	F	3	Each	\$ 110.00	100%	\$ 330.00
2503.570	8" PVC Plug	1	F	1	Each	\$ 25.00	100%	\$ 25.00
2504.602	6" Gate Valve & Box	2	F	2	Each	\$ 650.00	100%	\$ 1,300.00
2504.602	8" Gate Valve & Box	4	F	4	Each	\$ 750.00	100%	\$ 3,000.00
2504.602	6" Hydrant Package	1	F	1	Each	\$ 2,500.00	100%	\$ 2,500.00
2504.602	12" x 8" Cut-in-tee	1	F	1	Each	\$ 350.00	100%	\$ 350.00
2504.602	8" DIP Plug	2	F	2	Each	\$ 50.00	100%	\$ 100.00
2504.602	8" x 6" Tee	4	F	4	Each	\$ 210.00	100%	\$ 840.00
2504.602	8" x 8" Tee	2	F	2	Each	\$ 220.00	100%	\$ 440.00
2504.603	6" Sanitary Sewer & 6" DIP Water Service	2	F	2	Each	\$ 1,200.00	100%	\$ 2,400.00
2504.603	6" Sanitary Sewer Service	1	F	1	Each	\$ 425.00	100%	\$ 425.00

Watermain and Sanitary Sewer To Serve Wenonah Canoe

ESTIMATE OF WORK COMPLETED

Payment Date: December 22, 2004


PAYMENT 2 - FINAL
Winona Excavating Co.

Spec No.	Description	Bid Quantity	F	Actual Quantity	Unit	Unit Price	Percent Complete	Total Cost
2504.603	8" DIP Water Service	1	F	1	Each	\$ 880.00	100%	\$ 880.00
2504.603	8" Watermain CI 52	427	F	427	L.F.	\$ 22.50	100%	\$ 9,607.50
2506.602	Structure Type 1 (Sanitary Sewer) 10' to 15' High	1	F	1	Each	\$ 1,450.00	100%	\$ 1,450.00
2531.501	Construct Concrete Curb & Gutter B624	130	F	137	L.F.	\$ 15.00	105%	\$ 2,055.00
2563.601	Construction Traffic Control	1	F	1	L.S.	\$ 2,500.00	100%	\$ 2,500.00
2573.601	Temporary Erosion Control	1	F	0	L.S.	\$ -	0%	\$ -
2575.505	Turf Establishment, Seeding	1	F	0	L.S.	\$ 1,250.00	0%	\$ -

Total Work Completed \$ 90,136.00 115%
Bid Price \$ 78,694.00

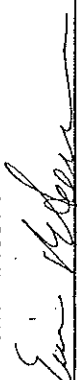
Total Work Completed \$ 90,136.00
Less 5% \$ -
Less Previous Payments \$ 60,799.05
Net Payment This Estimate \$ 29,336.95

Prepared and Certified Correct:


Brian DeFrang, City Engineer
License #40971

Date

12-17-04


Eric B. Sorensen, Exec. Sec'y
Port Authority of Winona

Date

12/17/04


Accepted by: Winona Excavating Co.

Date

12-15-04

Number	Estimate	Payment
1	\$ 63,999.00	\$ 60,799.05
2 - FINAL	\$ 90,136.00	\$ 29,336.95