

LEARANCES	Initial	Date	Date Received in Council Office:	Agenda date	Assigned to:
Originator: Public Works Dept., Engineering Division	BGM	5/31	<div style="font-size: 2em; font-weight: bold; letter-spacing: 0.5em;">RECEIVED</div> <div style="font-size: 1.5em; font-weight: bold; margin-top: 10px;">JUN 05 1996</div> <div style="font-size: 1.2em; font-weight: bold; margin-top: 10px;">WHATCOM COUNTY COUNCIL</div>	6/11/96	Finance/Council
Division Head: Nasser Y. Mansour	NM	5/31			
Dept. Head: Jeffrey M. Monsen	JM	5/31/96			
Prosecutor: Randall J. Watts					
Purchasing/Budget:					
Executive:	PK	6-3-96			

**SUBJECT:**

Construction of Johnson Road from Tye Drive to Mill Road. CRP 996008

**ATTACHMENTS:**

- |                                    |                               |
|------------------------------------|-------------------------------|
| 1. Agenda Bill                     | 5. Contract Information Sheet |
| 2. Resolution                      | 6. Project Cost Breakdown     |
| 3. Letter to County Executive      | 7. Bid Tabs                   |
| 4. Approval of Contract Award Form | 8. Low Bid Proposal           |

**SUMMARY STATEMENT:** *Please complete sections of box as appropriate & explain the item below.*

Related County contract #:	Should Clerk schedule a hearing? NO /x/ YES / / Requested date:
Amount budgeted for this item/project:	Is it (or will it be) within budget? YES /x/ NO / / (Please explain below)
Budget line item number(s): 15	

Summary: The 1996 Annual Construction Program has a Project No. 15, Construction of Johnson Road from Tye Drive to Mill Road. This project will be paid by Local and Point Roberts Gas Tax Funds.

**ORIGINATOR'S RECOMMENDED ACTION:**

Resolution establishing CRP 996008 the construction of Johnson Road from Tye Drive to Mill Road and approval of award of contract to the low bidder, Tiger Construction. LTD., in the amount of \$370,503.40.

**COMMITTEE ACTION TAKEN:**

1996 - 227 6/11/96: Approved 6-0 Resolution Number 96-028

SPONSORED BY: Consent

PROPOSED BY: Public Works Department-Engineering Div.

INTRODUCTION DATE: June 11, 1996

RESOLUTION NO. 96-028

ESTABLISHING COUNTY ROAD PROJECT NO. 996008  
AND THE AWARD OF CONTRACT FOR CONSTRUCTION OF  
JOHNSON ROAD from TYEE DRIVE to MILL ROAD

WHEREAS, this project is included in the officially adopted Annual Road Program as Item No. 15.

NOW, THEREFORE, BE IT RESOLVED by the Whatcom County Council that CRP 996008 is formally established for the Construction of Johnson Road from Tyee Drive to Mill Road. The Contract for this project is awarded to Tiger, LTD., in the amount of their bid of \$370,503.40.

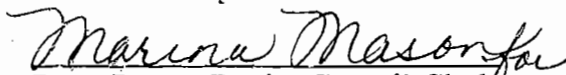
An appropriation from the officially adopted road fund budget and based on the County Engineer's estimate is hereby made in the amounts and for the purposes shown:

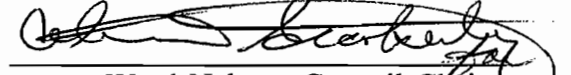
<u>PURPOSE</u>	<u>AMOUNT OF APPROPRIATION</u>
Preliminary Engineering	<u>\$ 25,000.00</u>
Right-of-way Acquisition	<u>\$ 1,000.00</u>
SUBTOTAL	<u>\$ 26,000.00</u>
Construction	<u>\$ 370,600.00</u>
County Day Labor - BST/Striping	<u>\$ 28,000.00</u>
Construction Engineering Testing & Contingencies	<u>\$ 20,400.00</u>
<u>TOTAL</u>	<u>\$ 445,000.00</u>

BE IT FURTHER RESOLVED that the construction is to be accomplished by Contract in accordance with RCW 36.77.010 et. seq.

APPROVED this 11 day of June, 1996.

ATTEST:

  
Dana Brown-Davis, Council Clerk

WHATCOM COUNTY COUNCIL  
WHATCOM COUNTY, WASHINGTON  
  
Ward Nelson, Council Chair

APPROVED AS TO FORM:  
(Previously approved as to form  
by Randall J. Watts of 3/25/94)

\_\_\_\_\_  
Civil Deputy Prosecuting Atty.

**WHATCOM COUNTY  
PUBLIC WORKS DEPARTMENT**

WHATCOM COUNTY COURTHOUSE  
311 Grand Avenue  
Bellingham, WA 98225-4038

**JEFFREY M. MONSEN, P.E.**  
Director



***DIVISION OF ENGINEERING***

5280 Northwest Drive, Suite C  
Bellingham, WA 98226  
(360) 676-6730/380-8110  
Scan 676-6730 FAX (360) 676-6558

**Edwin R. Henken, P.E. - Assistant Director**  
**Nasser Y. Mansour, P.E. - County Road Engineer**

May 30, 1996

The Honorable Pete Kremen  
Whatcom County Executive  
311 Grand Avenue  
Bellingham, WA 98225

**Subject: Construction of Johnson Road from Tye Drive to Mill Road  
CRP 996008**

Dear Mr. Kremen:

Bid proposals for the subject project were opened at 2:30 p.m., Wednesday, May 29, 1996. Based on our review of the six bids received, we recommend that the Contract for the subject project be awarded to the low bidder, Tiger Construction LTD., of Everson, Washington in the amount of \$370,503.40 including taxes.

This project is funded under Item No. 15 under the 1996 construction budget. The funds are adequate to complete the project. Local and PRGT (Point Roberts Gas Tax) funds are involved.

Attached for your review is a Whatcom County Council Agenda Bill, Resolution for Contract Award, Project Cost Breakdown, Whatcom County Contract Information Sheet, tabulation of all bids and a copy of the low bid proposal. Please signify on the Approval For Contract Award page your approval to award the Contract to Tiger Construction LTD.

Very truly yours,

Nasser Y. Mansour, P. E.  
County Road Engineer

In accordance with W.C.C. 3.08.30, I concur with this recommendation.

\_\_\_\_\_  
Chris Mohnkern,  
Purchasing Coordinator

5.31.96  
\_\_\_\_\_  
Date

cc: Jeff Monsen, Director of Public Works

CONSTRUCTION of JOHNSON ROAD  
from TYEE DRIVE to MILL ROAD  
CRP 996008

**APPROVAL OF CONTRACT AWARD**

Approval is hereby granted to award the Contract as follows:

Project:

Construction of Johnson Road from Tyee Drive to Mill Road CRP 996008

to: Tiger Construction, LTD.

In the amount of \$370,503.40 being the amount of their bid proposal, including all taxes.

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Whatcom County Executive  
Approving Authority

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Date

**1996 PROJECT COST BREAKDOWN**

**PROJECT: CONSTRUCTION OF JOHNSON ROAD FROM TYEE DRIVE TO MILL ROAD  
CRP 996008**

<b>ITEM</b>	<b>COUNTY FUNDS</b>	<b>PT. ROBERTS GAS TAX FUNDS</b>	<b>TOTAL FUNDS</b>
PRELIMINARY ENGINEERING	25,000.00	0	25,000.00
RIGHT OF WAY PURCHASE	1,000.00	0	1,000.00
CONSTRUCTION CONTRACT	250,600.00	120,000.00	370,600.00
COUNTY DAY LABOR - BST/STRIPING	28,000.00	0	28,000.00
CONSTRUCTION ENGINEERING & TESTING AND CONTINGENCY	20,400.00	0	20,400.00
<b>TOTAL FUNDING FOR 1996</b>	<b>325,000.00</b>	<b>120,000.00</b>	<b>445,000.00</b>

TIGER CONST.

①

BID PROPOSAL

FOR THE

CONSTRUCTION OF JOHNSON ROAD

TYEE DRIVE to MILL ROAD

CRP 996008

Date

5-29-96

TO: Whatcom County Executive and Council  
Whatcom County Courthouse  
Bellingham, WA. 98225

Gentlepersons:

This certifies that the Undersigned: has examined the location of the project site and the conditions of work; and has carefully read and thoroughly understands the contract documents entitled: "Construction of Johnson Road - Tyee Drive to Mill Road Road - CRP 996008, including the "Bid Procedures and Conditions", "Specifications and Conditions", "Contract Forms", and "Plans" governing the work embraced in this project and the method by which payment will be made for said work. The Undersigned hereby proposes to undertake and complete the work embraced in this project in accordance with said contract documents, and agrees to accept as payment for said work, the schedule of lump sum and unit prices as set forth in the "Bid" below.

The Undersigned acknowledges that payment will be based on the actual work performed and material used as measured or provided for in accordance with the said contract documents, and that no additional compensation will be allowed for any taxes not included in each lump sum or unit price, and that the basis for payment will be the actual work performed and measured or provided for in accordance with the said contract documents.

**CONSTRUCTION OF JOHNSON ROAD**  
**from TYEE DRIVE to MILL ROAD**  
 CRP 996008

ITEM NO.	APPROX. QUANTITY	ITEM WITH WRITTEN UNIT PRICE	UNIT PRICE	TOTAL
1.	LUMP SUM	MOBILIZATION <u>Twenty Seven Thousand and <sup>40</sup>/<sub>100</sub></u> DOLLARS (Written Lump Sum Price)	L.S.	<del>\$ 27,500.00</del> \$ 27,600.00 <i>K to</i>
2.	FORCE ACCOUNT	TEMPORARY WATER POLLUTION CONTROL  <u>One Thousand Five Hundred and 00/100</u> DOLLARS (Written Force Account Price)	F.A.	\$ 1,500.00
3.	LUMP SUM	CLEARING AND GRUBBING <u>Twenty Three Thousand and <sup>40</sup>/<sub>100</sub></u> DOLLARS (Written Lump Sum Price)	L.S.	\$ 23,000.00
4.	LUMP SUM	SIGNING AND TRAFFIC CONTROL <u>One Thousand Five Hundred Fifty and <sup>40</sup>/<sub>100</sub></u> DOLLARS (Written Lump Sum Price)	L.S.	\$ 1,550.00
5.	200 LINEAR FEET	REMOVE EXISTING CULVERT PIPE <u>Two and <sup>30</sup>/<sub>100</sub></u> DOLLARS (Written Unit Price)	2.30 per L.F.	\$ 460.00 ✓
6.	7,500 CUBIC YARDS	ROADWAY EXCAVATION INCLUDING HAUL <u>Five and <sup>50</sup>/<sub>100</sub></u> DOLLARS (Written Unit Price)	5.50 per C.Y.	\$ 41,250.00 ✓
7.	500 CUBIC YARDS	UNSUITABLE FOUNDATION EXCAVATION INCLUDING HAUL <u>Five and <sup>10</sup>/<sub>100</sub></u> DOLLARS (Written Unit Price)	5.10 per C.Y.	\$ 2,550.00 ✓
8.	1,000 CUBIC YARDS	EMBANKMENT COMPACTION <u>One and <sup>65</sup>/<sub>100</sub></u> DOLLARS (Written Unit Price)	1.65 per C.Y.	\$ 1,650.00 ✓
9.	6,800 SQUARE YARDS	CONSTRUCTION GEOTEXTILE <u>no dollars and <sup>56</sup>/<sub>100</sub></u> DOLLARS (Written Unit Price)	.56 per S.Y.	\$ 3,808.00 ✓

**CONSTRUCTION OF JOHNSON ROAD**  
**from TYEE DRIVE to MILL ROAD**  
 CRP 996008

ITEM NO.	APPROX QUANTITY	ITEM WITH WRITTEN UNIT PRICE	UNIT PRICE	TOTAL
10.	250 M. GAL	WATER <u>Twenty Two and <sup>10</sup>/<sub>100</sub></u> (Written Unit Price)	DOLLARS <u>22.00</u> per M. Gal.	\$ <u>5,500.00</u>
11.	13,500 TONS	GRAVEL BASE <u>Eleven and <sup>53</sup>/<sub>100</sub></u> (Written Unit Price)	DOLLARS <u>11.53</u> per TON	\$ <u>155,655.00</u>
12.	2,500 TONS	CRUSHED SURFACING BASE COURSE <u>Twelve and <sup>70</sup>/<sub>100</sub></u> (Written Unit Price)	DOLLARS <u>12.70</u> per TON	\$ <u>31,750.00</u>
13.	450 TONS	ASPHALT CONCRETE PAVEMENT CLASS "B" <u>Forty Seven and <sup>50</sup>/<sub>100</sub></u> (Written Unit Price)	DOLLARS <u>47.50</u> per TON	\$ <u>21,375.00</u>
14.	96 LINEAR FEET	ASTM C-76 CLASS III REINFORCED CONCRETE CULVERT PIPE 12-INCH DIA. INCLUDING GASKETS <u>Thirty and <sup>40</sup>/<sub>100</sub></u> (Written Unit Price)	DOLLARS <u>30.40</u> per L.F.	\$ <u>2,918.40</u>
15.	252 LINEAR FEET	ASTM C-76 CLASS III REINFORCED CONCRETE CULVERT PIPE 18-INCH DIA. INCLUDING GASKETS <u>Thirty Three and <sup>25</sup>/<sub>100</sub></u> (Written Unit Price)	DOLLARS <u>33.25</u> per L.F.	\$ <u>8,379.00</u>
16.	152 LINEAR FEET	ASTM C-76 CLASS III REINFORCED CONCRETE CULVERT PIPE 24-INCH DIA. INCLUDING GASKETS <u>Forty Four and <sup>10</sup>/<sub>100</sub></u> (Written Unit Price)	DOLLARS <u>44.00</u> per L.F.	\$ <u>6,688.00</u>
17.	48 LINEAR FEET	ASTM C-76 CLASS III REINFORCED CONCRETE CULVERT PIPE 30-INCH DIA. INCLUDING GASKETS <u>Sixty Five and <sup>40</sup>/<sub>100</sub></u> (Written Unit Price)	DOLLARS <u>65.00</u> per L.F.	\$ <u>3,120.00</u>
18.	FORCE ACCOUNT	ROADSIDE SEEDING AND LANDSCAPING <u>Five Thousand and 00/100</u> (Written Force Account Price)	F.A.	\$ <u>5,000.00</u>

**CONSTRUCTION OF JOHNSON ROAD**  
**from TYEE DRIVE to MILL ROAD**  
 CRP 996008

ITEM NO.	APPROX. QUANTITY	ITEM WITH WRITTEN UNIT PRICE	UNIT PRICE	TOTAL
19.	200 SQUARE YARDS	SEEDED LAWN INSTALLATION <u>Four and 25/100</u> (Written Unit Price)	DOLLARS <u>4.25</u> per S.Y.	\$ <u>850.00</u>
20.	FORCE ACCOUNT	REPAIR OR REPLACE EXISTING PUBLIC AND PRIVATE FACILITIES  <u>Ten Thousand and 00/100 DOLLARS</u> (Written Force Account Price)	F.A.	<u>\$10,000.00</u>
21.	500 TONS	QUARRY SPALLS <u>Nineteen and 40/100</u> (Written Unit Price)	DOLLARS <u>19.00</u> per TON	\$ <u>9,500.00</u>
22.	FORCE ACCOUNT	EXCAVATE DITCHLINE FOR PACE LANE  <u>Seven Thousand and 00/100 DOLLARS</u> (Written Force Account Price)	F.A.	<u>\$7,000.00</u>

TOTAL BID – ITEMS 1 THROUGH 22

TOTAL: Three Hundred Seventy  
Thousand Five Hundred Three DOLLARS  
 AND 40/100 CENTS  
 (Written Total Price)

\$ 370,503.40 ✓

123/KRIS/TYEE

27,350

## NON-COLLUSION DECLARATION

I, by signing the proposal, hereby declare, under penalty of perjury under the laws of the United States that the following statements are true and correct:

1. That the undersigned person(s), firm, association or corporation has (have) not, either directly or indirectly, entered into any agreement, participated in any collusion, or otherwise taken any action in restraint of free competitive bidding in connection with the project for which this proposal is submitted.
2. That by signing the signature page of this proposal, I am deemed to have signed and have agreed to the provisions of this declaration.

## NOTICE TO ALL BIDDERS

To report bid rigging activities call:

1-800-424-9071

The U.S. Department of Transportation (USDOT) operates the above toll-free "hotline" Monday through Friday, 8:00 a.m. to 5:00 p.m., eastern time. Anyone with knowledge of possible bid rigging, bidder collusion, or other fraudulent activities should use the "hotline" to report such activities.

The "hotline" is part of USDOT's continuing effort to identify and investigate highway construction contract fraud and abuse and is operated under the direction of the USDOT Inspector General. All information will be treated confidentially and caller anonymity will be respected.

BIDDER IDENTIFICATION

The name of the Bidder submitting this proposal, the address and phone number to which all communications concerned with this proposal shall be made and the number which has been assigned indicating the Bidder is licensed to do business in the State of Washington are as follows:

Firm Name: Tiger Construction, LTD

Address: 6280 Everson Goshen Rd  
Everson, WA 98247

Telephone 360-966-7252 Contractor's Number TIGERC 121 MA

The Firm submitting this proposal is a  Sole Proprietorship  
 Partnership  
 Corporation

The names and titles of the principal officers of the corporation submitting this proposal, or of the partnership, or of all persons interested in this proposal as principals are as follows:

<u>Kenneth Isenhardt</u>	<u>President</u>
<u>Marsha Isenhardt</u>	<u>Sec. Treasurer</u>
<u>Steve Isenhardt</u>	<u>Vice President</u>

NOTE: Signators of this proposal must be identified above. Failure to identify the Signators will be cause for considering the proposal irregular and for subsequent rejection of the bid.

BID PROPOSAL SIGNATURE AND ADDENDUM ACKNOWLEDGEMENT

The undersigned hereby agrees to pay labor not less than the prevailing rates of wages or less than the hourly minimum rate of wages as specified in the Specifications and Conditions, for this project.

A proposal guaranty in an amount of five percent (5%) of the total bid based upon the approximate estimate of quantities at the above prices and in the form as indicated below, is attached hereto:

- ( ) CASH
  - ( ) CASHIER'S CHECK
  - ( ) CERTIFIED CHECK
  - (X) PROPOSAL BOND
- In the amount of \$ 590  
Five Percent Dollars  
 (\$ 590) Payable to Whatcom Co. Central  
 Purchasing in the amount of 5% of the total bid.

Receipt is hereby acknowledged by addendum(s) No.(s) 1, 2, & \_\_\_\_\_

SIGNATURE OF AUTHORIZED OFFICIAL(S)

(PROPOSAL MUST BE SIGNED) Ken Benhart

(Seal)  
Firm Name: Tiger Construction

STATE OF WASHINGTON )  
                                  ) ss.  
COUNTY OF Whatcom )

On this 29<sup>th</sup> day of May, 1996, before me personally appeared Ken Isenhart to me personally known to be the person described in and who executed the above instrument and who acknowledged to me the act of signing thereof.

Mary C Maas  
NOTARY PUBLIC, in and for the State  
of Washington, residing at:  
Lynnden  
My Commission Expires: 3-15-99

-----  
This proposal form is not transferable and any alteration of the firm's name entered hereon without prior permission from the Whatcom County Road Engineer will be cause for considering the proposal irregular and for subsequent rejection of the bid.

SUBCONTRACTOR LIST

Prepared in compliance with Chapter 378 Laws of 1993

The following listed bid items (listed in numerical sequence) for this project have been proposed for subcontracting to subcontractors as indicated. Construction of Johnson Road - Tye Drive to Mill Road - CRP 996008.

I. WORK TO BE SUBCONTRACTED (Bidder must complete section IA and /or IB)

A. Contract items of work or partial items of work which exceed ten (10) percent of the total contract amount as bid are proposed for subcontracting (check one) Yes  No

If answer to section IA is Yes, complete section IB

B. The following contract items or partial items (listed in numerical sequence) which exceed ten (10) percent of the total contact amount as bid, are proposed for subcontracting to the indicated subcontractors.

Subcontractor Name \_\_\_\_\_  
Item Numbers \_\_\_\_\_

Subcontractor Name \_\_\_\_\_  
Item Numbers \_\_\_\_\_

Subcontractor Name \_\_\_\_\_  
Item Numbers \_\_\_\_\_

Subcontractor Name \_\_\_\_\_  
Item Numbers \_\_\_\_\_

Subcontractor Name \_\_\_\_\_  
Item Numbers \_\_\_\_\_

Subcontractor Name \_\_\_\_\_  
Item Numbers \_\_\_\_\_

Subcontractor Name \_\_\_\_\_  
Item Numbers \_\_\_\_\_

II. WORK TO BE PERFORMED BY BIDDER (Bidder must complete this section)

A. The following contract items or partial items (listed in numerical sequence) which exceed ten (10) percent of the total contract amount as bid, will be completed by the Bidder.

Bidder Name Tiger Construction, LTD  
Item Numbers 6, 11

ITEM NO.	DESCRIPTION	ENGINEER'S ESTIMATE		TIGER CONSTRUCT. LTD.		CALLEN CONSTRUCT. COMPANY		COLACURCIO BROTHERS, INC.		STRIDER CONSTRUCT. COMPANY, INC.		IMCO GENERAL CONSTRUCTION, INC.		WILDER CONSTRUCT. COMPANY		
		ESTIMATE QUANTITY	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT
18.	Roadside Seeding And Landscaping	1 F.A.	F.A.	\$5,000.00	F.A.	\$5,000.00	F.A.	\$5,000.00	F.A.	\$5,000.00	F.A.	\$5,000.00	F.A.	\$5,000.00	F.A.	\$5,000.00
19.	Seeded Lawn Installation	200 S.Y.	3.50	\$700.00	4.25	\$850.00	4.20	\$840.00	3.50	\$700.00	6.00	\$1,200.00	6.22	\$1,244.00	5.00	\$1,000.00
20.	Repair Or Replace Existing Public & Private Facilities	1 F.A.	F.A.	\$10,000.00	F.A.	\$10,000.00	F.A.	\$10,000.00	F.A.	\$10,000.00	F.A.	\$10,000.00	F.A.	\$10,000.00	F.A.	\$10,000.00
21.	Quarry Spalls	500 Tons	25	\$12,500.00	19.00	\$9,500.00	19.00	9500	23.00	\$11,500.00	15.00	\$7,500.00	18.50	\$9,250.00	24.25	\$12,125.00
22.	Excavate Ditchline For Pace Lane	1 F.A.	F.A.	\$7,000.00	F.A.	\$7,000.00	F.A.	7000	F.A.	\$7,000.00	F.A.	\$7,000.00	F.A.	\$7,000.00	F.A.	\$7,000.00

**TOTAL BID:** \$402,620.00 \* \$370,503.40 \$378,007.00 \$383,001.00 \$388,030.00 \$416,909.28 \$495,889.20

\*\* Low Bidder

\* Denotes Extension Error By Contractor, Corrected.

I hereby certify that the amounts tabulated herein, on pages 1 and 2 are correct and accurately represent the amounts contained in the Engineer's estimate and the respective bid proposals opened at 2:30 p.m., May 29, 1996, for the "Construction of Johnson Road from Tyee Drive to Mill Road".

Nasser Y. Mansour 5-31-96  
Nasser Y. Mansour, P.E. Date

STATE OF WASHINGTON)  
)ss.  
COUNTY OF WHATCOM)

On this day personally appeared before me Nasser Y. Mansour, P.E. to me known to be the individual described in and who executed the within and foregoing instrument.

this 31<sup>st</sup> day of May 1996.

[Signature]  
NOTARY PUBLIC

ITEM NO.	DESCRIPTION	ESTIMATE QUANTITY		ENGINEER'S ESTIMATE		TIGER CONSTRUCT. LTD.		CALLEN CONSTRUCT. COMPANY		COLACURCIO BROTHERS, INC.		STRIDER CONSTRUCT. COMPANY, INC.		IMCO GENERAL CONSTRUCTION, INC.		WILDER CONSTRUCT. COMPANY	
		UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT
1.	Mobilization	1 L.S.	L.S.	\$32,000.00	L.S.	\$27,000.00	L.S.	\$31,000.00	L.S.	\$38,000.00	L.S.	\$34,000.00	L.S.	\$33,453.20	L.S.	\$48,000.00	
2.	Temporary Water Pollution Control	1 F.A.	F.A.	\$1,500.00	F.A.	\$1,500.00	F.A.	\$1,500.00	F.A.	\$1,500.00	F.A.	\$1,500.00	F.A.	\$1,500.00	F.A.	\$1,500.00	
3.	Clearing And Grubbing	1 L.S.	L.S.	\$15,000.00	L.S.	\$23,000.00	L.S.	\$9,500.00	L.S.	\$51,000.00	L.S.	\$17,500.00	L.S.	\$68,200.00	L.S.	\$36,000.00	
4.	Signing & Traffic Control	1 L.S.	L.S.	\$10,000.00	L.S.	\$1,550.00	L.S.	\$6,200.00	L.S.	\$3,500.00	L.S.	\$2,000.00	L.S.	\$16,830.00	L.S.	\$19,600.00	
5.	Remove Existing Culvert Pipe	200 L.F.	5.00	\$1,000.00	2.30	\$460.00	5.75	\$1,150.00	6.75	\$1,350.00	15.00	\$3,000.00	2.20	\$440.00	20.50	\$4,100.00	
6.	Roadway Excavation Including Haul	7500 C.Y.	4.50	\$33,750.00	5.50	\$41,250.00	4.50	\$33,750.00	4.20	\$31,500.00	6.00	\$45,000.00	4.10	\$30,750.00	8.40	\$63,000.00	
7.	Unsuitable Foundation Excavation Includ. Haul	500 C.Y.	5.00	\$2,500.00	5.10	\$2,550.00	5.70	\$2,850.00	5.00	\$2,500.00	6.00	\$3,000.00	4.77	\$2,385.00	7.30	\$3,650.00	
8.	Embankment Compaction	1000 C.Y.	1.00	\$1,000.00	1.65	\$1,650.00	1.15	\$1,150.00	1.25	\$1,250.00	2.00	\$2,000.00	1.98	\$1,980.00	4.50	\$4,500.00	
9.	Construction Geotextile	6800 S.Y.	1.25	\$8,500.00	0.56	\$3,808.00	0.65	\$4,420.00	0.60	\$4,080.00	0.70	\$4,760.00	0.56	\$3,808.00	0.85	\$5,780.00	
10.	Water	250 M.G.	30.00	\$7,500.00	22.00	\$5,500.00	17.00	\$4,250.00	20.00	\$5,000.00	15.00	\$3,750.00	32.23	\$8,057.50	30.00	\$7,500.00	
11.	Gravel Base	13500 Tons	11.00	\$148,500.00	11.53	\$155,655.00	11.50	\$155,250.00	9.81	\$132,435.00	12.00	\$162,000.00	11.42	\$154,170.00	13.25	\$178,875.00	
12.	Crushed Surfacing Base Course	2500 Tons	20.00	\$50,000.00	12.70	\$31,750.00	17.65	\$44,125.00	14.60	\$36,500.00	12.00	\$30,000.00	12.72	\$31,800.00	13.90	\$34,750.00	
13.	Asphalt Concrete Pavement Class "B"	450 Tons	55.00	\$24,750.00	47.50	\$21,375.00	48.00	\$21,600.00	45.00	\$20,250.00	50.00	\$22,500.00	30.47	\$13,711.50	50.00	\$22,500.00	
14.	ASTM C-76 Class III Reinforced Concrete Culvert Pipe 12-In. Dia. Including Gaskets	96 L.F.	40.00	\$3,840.00	30.40	\$2,918.40	44.50	\$4,272.00	28.00	\$2,688.00	40.00	\$3,840.00	25.15	\$2,414.40	48.40	\$4,646.40	
15.	ASTM C-76 Class III Reinforced Concrete Culvert Pipe 18-In. Dia. Including Gaskets	252 L.F.	55.00	\$13,860.00	33.25	\$8,379.00	47.50	\$11,970.00	32.00	\$8,064.00	40.00	\$10,080.00	24.66	\$6,214.32	50.90	\$12,826.80	
16.	ASTM C-76 Class III Reinforced Concrete Culvert Pipe 24-In. Dia. Including Gaskets	152 L.F.	65.00	\$9,880.00	44.00	\$6,688.00	55.00	\$8,360.00	44.00	\$6,688.00	50.00	\$7,600.00	34.97	\$5,315.44	60.00	\$9,120.00	
17.	ASTM C-76 Class III Reinforced Concrete Culvert Pipe 30-In. Dia. Including Gaskets	48 L.F.	80.00	\$3,840.00	65.00	\$3,120.00	90.00	\$4,320.00	52.00	\$2,496.00	100.00	\$4,800.00	70.54	\$3,385.92	92.00	\$4,416.00	