



Engineering & Public Works Department

SUBJECT: Glenview Road Bridge North Sidewalk Replacement Project

MEETING DATE: August 27, 2019

FROM: [Brigitte Berger-Raish](#), P.E. Director of Engineering and Public Works
[Dan Manis](#), P.E., Village Engineer
[Georgia Mihalopoulos](#), P.E., Engineering Technician

BUDGET IMPACT: See Budget Impact Section

Recommended Motion

Move to approve Resolution 2019-R-10 authorizing an Intergovernmental Agreement between the Village of Wilmette and the Illinois Department of Transportation for the Glenview Road Bridge North Sidewalk Replacement Project.

Move to approve a contract in the amount not-to-exceed \$512,508 with Lorig Construction Company, Des Plaines, IL, for the Glenview Road Bridge North Sidewalk Replacement Project.

Background

The north sidewalk of the Glenview Road Bridge over the Edens Expressway has severely deteriorated and become difficult for pedestrians and cyclists to use. This project involves replacement of the deteriorated sidewalk on the north side of the bridge. Due to the complexity of working on a highway bridge overpass, the Village hired BLA, Inc. in February 2019 for structural engineering design and construction services.

The Glenview Road Bridge is under the jurisdiction of the Illinois Department of Transportation (IDOT) with the Village responsible for maintenance of the bridge deck and sidewalks. Since the sidewalk and parapet wall are structurally integral, staff requested financial participation from IDOT in late 2018 to cover the costs associated with replacement of the parapet wall. IDOT has agreed to fund up to \$175,000 for the reconstruction of the parapet wall. IDOT has reviewed the construction plans and specifications and will issue a permit for this project. Financial participation is contingent on execution of the attached intergovernmental agreement.

Since the sidewalk and portions of the bridge deck require full replacement, the sidewalk will be increased in size from 5 feet to 8 feet in width during this project to provide a more comfortable corridor for pedestrians and cyclists traveling over this bridge.

Discussion

The Glenview Road Bridge North Sidewalk Replacement Project was advertised for bid on the Village and DemandStar websites and distributed to IDOT pre-qualified contractors via email on July 27, 2019. The project had six qualified bidders. Bids were opened on August, 15, 2019, and are summarized below.

Company	Base Bid	Base Bid plus Alternate
Lorig Construction Company	\$ 486,899.00	\$ 512,508.00
Herlihy Mid-Continent	\$ 645,155.62	\$ 667,763.42
Areatha Construction Company	\$ 670,029.70	\$ 685,716.90
Dunnet Bay Construction	\$ 603,857.11	\$ 619,423.17
Rausch Infrastructure	\$ 870,408.00	\$ 894,815.00
Path Construction	\$1,096,800.00	\$1,119,949.50
Engineer's Estimate	\$582,545.20	\$ 606,700.20

Staff recommends awarding the Base Bid combined with the Alternate, which includes additional sidewalk and curb replacement leading up to the bridge to provide a smooth transition from the existing 5-foot wide to new 8-foot wide sidewalk. Staff recommends this alternate in order to facilitate better snow removal operations as well as aesthetics.

Lorig Construction Company provided the lowest qualified bid of \$512,508. They have not worked in Wilmette in recent years. Village staff confirmed previous extensive highway bridge construction experience with IDOT, the Illinois State Toll Highway Authority, and the Cook County Department of Transportation. For these reasons, the Engineering & Public Works Department recommends awarding the Glenview Road Bridge North Sidewalk Replacement Project to Lorig Construction Company.

This project is scheduled to begin in September and be completed in November 2019.

Budget Impact

The total project with engineering is \$555,051. The Village's share is as follows:

Construction	\$512,508
Engineering	\$42,543
Total	\$555,051
IDOT Share	(\$151,207)
Village Share	\$403,844

The project will be funded from remaining bond proceeds. If there are insufficient bond proceeds to cover the full project cost, the remaining will be paid from the General Fund Reserve.

Documents Attached

1. Resolution 2019-R-10
2. Intergovernmental Agreement between the Village of Wilmette and IDOT
3. CIP Detail Sheet
4. Bid Tabulation

RESOLUTION NO. 2019-R-10

**A RESOLUTION APPROVING AN INTERGOVERNMENTAL AGREEMENT
BETWEEN THE VILLAGE OF WILMETTE AND THE STATE OF ILLINOIS FOR
FUNDING REIMBURSEMENT FOR THE GLENVIEW ROAD BRIDGE
IMPROVEMENTS.**

WHEREAS, the Village President and Board of Trustees of the Village of Wilmette, Cook County, Illinois (“Wilmette”), find that Wilmette is a home rule municipal corporation as provided in Article VII, Section 6 of the 1970 Constitution of the State of Illinois and, pursuant to said constitutional authority, may exercise any power and perform any function pertaining to its government and affairs for the protection of the public health, safety, morals and welfare; and

WHEREAS, the Village Board finds that it is necessary, convenient and in the best interests of the residents of the Village of Wilmette to enter into an Intergovernmental Agreement by and between the Village of Wilmette and the State of Illinois for refunding reimbursement for the Glenview Road Bridge; a copy of which is attached hereto as Exhibit A;

NOW, THEREFORE, BE IT RESOLVED by the President and Board of Trustees of the Village of Wilmette as follows:

SECTION ONE: The above recitals are incorporated into this section one as if fully set forth.

SECTION TWO: The Intergovernmental Agreement attached as Exhibit A is hereby approved.

SECTION THREE: The Village Manager is authorized to execute the agreement. Prior to executing the agreement, the Village Manager is authorized to make changes to the form of the agreement in his discretion.

SECTION FOUR: The Village Manager is authorized to take any action necessary to carry out the purpose of this Resolution and this Resolution shall be in full force and effect from

and after its passage.

SECTION FIVE: This Resolution shall be in full force and effect from and after its passage.

ADOPTED on **August 27, 2019**, pursuant to the following roll call vote:

AYES: None.

NAYS: None._____

ABSTAIN: None._____

ABSENT: None._____

Village Clerk

Approved on **August 27, 2019**.

Village President

Attest:

Village Clerk

EXHIBIT A
INTERGOVERNMENTAL AGREEMENT

Glenview Road Bridge
Over Interstate 94
C-91-426-19
County Cook
Job No. C-91-426-19
Agreement No.: JN-119-500

AGREEMENT

This Agreement entered into this _____ day of _____ 20__ A.D. by and between the STATE OF ILLINOIS, acting by and through its DEPARTMENT OF TRANSPORTATION, hereinafter referred to as the "STATE", and the VILLAGE OF WILMETTE of the State of Illinois, hereinafter referred to as the "VILLAGE".

WITNESSETH:

WHEREAS, the VILLAGE, in order to facilitate the free flow of traffic and insure safety to the motoring public, is desirous of improving Glenview Road Bridge over Interstate 94, State job Number C-91-426-19 hereinafter referred to as the "IMPROVEMENTS"; and

WHEREAS, the VILLAGE requests that the STATE financially participate in the IMPROVEMENT and;

WHEREAS, the STATE has agreed to the VILLAGE's request, provided that the VILLAGE first obtain a permit from the STATE for such work; and

WHEREAS, the VILLAGE is desirous of the IMPROVEMENT in that same will be of immediate benefit to the VILLAGE residents and permanent in nature;

NOW, THEREFORE, in consideration of the mutual covenants contained herein, the PARTIES hereto agree as follows:

1. The VILLAGE agrees to make the surveys, obtain all necessary rights of way, prepare plans and specifications, receive bids and awarded the contract, furnish engineering inspection during construction and cause the IMPROVEMENT to be built in accordance with the approved plans, specification and contract.

2. The VILLAGE agrees to pay for all right of way, construction and engineering costs, subject to reimbursement by the STATE as hereinafter stipulated.

3. The STATE agrees to reimburse the VILLAGE for the construction costs of the IMPROVEMENT, per the terms defined in "Exhibit A" and the documentation provided by the VILLAGE, the amount of \$175,000.00

4. Upon execution of this Agreement and receipt of an invoice from the VILLAGE, the STATE will pay the VILLAGE 100% of its share of the IMPROVEMENT costs.

5. The VILLAGE shall maintain, for a minimum of 3 years after execution of this agreement, adequate books, records, and supporting documents to verify the amounts, recipients and uses of all disbursements of funds passing in conjunction with this Agreement. All books, records and supporting documents related to the IMPROVEMENT shall be available for review and audit by the Audit General and the Department. The VILLAGE agrees to cooperate fully with any audit conducted by the Auditor General and the Department and to provide full access to all relevant materials. Failure to maintain the books, records and supporting documents required by this section shall establish a presumption in favor of the STATE for the recovery of any funds paid by the STATE under the contract of which adequate books, records, and supporting documentation are not available to support their purported disbursement.

6. All projects for the construction of fixed works which are financed in whole or in part with funds provided by this Agreement shall be subject to the Prevailing Wage Act (820 ILCS 130/0.01 et seq.) unless the provisions of that Act exempt its application.

7. The VILLAGE agrees that it has complied with all applicable Executive Orders and Federal Highway Acts pursuant to the Equal Employment Opportunity and non-discrimination regulations required by the Illinois Department of Transportation.

8. The VILLAGE, subrecipient or subcontractor shall not discriminate on the basis of race, color, national origin, or sex in the performance of this contract. The VILLAGE has carried out applicable requirements of 49 CFR, Part 26, in the award and administration of STATE assisted contracts. Failure by the VILLAGE to carry out these requirements is a material breach of this Agreement, which may result in the termination of this Agreement or such other remedy as the STATE deems appropriate.

9. The VILLAGE agrees that in the event any work was performed by other than VILLAGE forces, the provisions of "an act regulating wages of laborers, mechanics and other workers employed in public works by the State, County, or any public body or any political subdivision or by any one under contract for public works" (Illinois Compiled Statutes, 820 ILCS 130/1) shall apply.

10. Upon final field inspection of the IMPROVEMENT, the VILLAGE agrees to continue to maintain all roadways currently under VILLAGE maintenance and jurisdiction. In addition, the VILLAGE will continue to be responsible for the routine and ordinary maintenance of the complete deck and wearing surface above structural beams and girders, all railings and all drainage facilities above structure beams and girders on the bridge structure carrying Glenview Road over I-94.

11. It is the intent of the State that all or a portion of the costs to this project will be paid or reimbursed from the proceeds of tax-exempt bonds subsequently issued by the State. The provision in no way constitutes an obligation of the Department to use any particular funding or to confer a contractual or other right to demand that any particular funding be used.

REMAINDER OF THE PAGE INTENTIONALLY LEFT BLANK

Obligations of the STATE and VILLAGE will cease immediately without penalty or further payment being required if, in any fiscal year, the Illinois General Assembly or Federal funding source fails to appropriate or otherwise make available funds for this contract.

VILLAGE OF WILMETTE

Attest:

(Signature)

(Print or Type)

Title: _____

Date: _____

By: _____
(Signature)

By: _____
(Print or Type)

Title: _____

Date: _____

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

By: _____
Jack A. Elston, P.E.
Bureau Chief, Design & Environment

Date: _____

By: _____
Omer Osman
Acting Secretary

By: _____
Paul A. Loete, P.E. Date
Director, Office of Highways Project
Implementation, Chief Engineer

Job No. C-91-426-19
Agreement No.: JN-119-500

TIN CERTIFICATION

The VILLAGE certifies that:

1. The number shown on this form is the VILLAGE's correct taxpayer identification number (or the VILLAGE is waiting for a number to be issued to them), and
2. The VILLAGE is not subject to backup withholding because: (a) the VILLAGE is exempt from backup withholding, or (b) the VILLAGE has not been notified by the Internal Revenue Service (IRS) that the VILLAGE is subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that the VILLAGE no longer subject to back-up withholding, and
3. The VILLAGE's person with signatory authority for this AGREEMENT is a U. S. person (including a U.S. resident alien)

Taxpayer Identification Number: _____

Legal Status

- | | | | |
|-----|---|--------------|--|
| ___ | Individual | <u> X </u> | Government |
| ___ | Sole Proprietor | ___ | Nonresident Alien |
| ___ | Partnership/Legal Corporation | ___ | Estate or Trust |
| ___ | Tax-exempt Corporation providing or billing medical and/or health care services | ___ | Pharmacy (Non Corp.) |
| ___ | Corporation NOT providing or billing medical and/or health care services | ___ | Pharmacy/Funeral home /Cemetery |
| ___ | Other _____ | ___ | Limited Liability Company (select applicable tax classification) |
| | | | <input type="checkbox"/> D= Disregarded entity |
| | | | <input type="checkbox"/> C= Corporation |
| | | | <input type="checkbox"/> P= Partnership |



Illinois Department of Transportation

Office of Highways Project Implementation / Region 1 / District 1
201 West Center Court / Schaumburg, Illinois 60196-1096

January 17, 2019

RECEIVED JAN 18 2019

Mr. Timothy J. Frenzer
Village Manager
Village of Wilmette
1200 Wilmette Avenue
Wilmette, IL 60091

Dear Mr. Frenzer:

The Illinois Department of Transportation (Department) has received your letter dated December 3, 2018 requesting state financial participation in the locally initiated improvements to replace the existing sidewalk on the structure carrying Glenview Road over Interstate Route 94 (Edens Expressway). The Department has reviewed your request and offer the following information.

The Village of Wilmette's (Village) proposal is to replace the existing deteriorated sidewalk along the north side of the Glenview Road bridge over the Edens Expressway to improve pedestrian safety and access to nearby schools. A recent review of the structural plans for the existing structure reveals that the existing parapet wall along the north side of the Glenview Road bridge is integral to the existing sidewalk. Consequently, the replacement of the existing sidewalk by the Village will necessitate the replacement of the existing parapet wall as well. The Village has requested that the Department participate financially in the locally initiated, locally funded sidewalk replacement project in the amount of \$175,000 for the cost of the parapet wall replacement.

In recognition of the efforts by the Village to act as the lead agency for the improvements along with the financial responsibility for the design, construction, and construction engineering, the Department agrees to reimburse the Village in the amount of \$175,000 as requested for the cost of the parapet wall replacement. Any increase in the Department's financial participation above this amount will require formal written approval from the Department prior to expenditure of any additional funds. The Department's financial participation will be included in the current FY 2019 Proposed Highway Improvement Program.

This Letter of Intent will serve as the basis for the preparation of the formal intergovernmental agreement for the Department's financial participation in this locally initiated improvement. The Village of Wilmette agrees to continue to act as the lead agency and process this improvement through the Department's Bureau of Traffic – Permit Section. In addition, upon completion of the improvement the Village of Wilmette will continue to be responsible for the "routine and ordinary maintenance of the complete deck and wearing surface above the beams and girders, all railing and all drainage facilities above the structural beams and girders on the bridge carrying Glenview Road over I-94" as outlined in the January 15, 1991 jurisdictional transfer agreement for

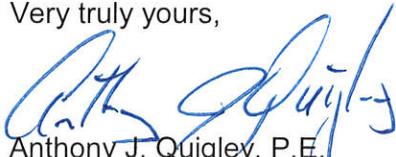
Mr. Timothy J. Frenzer
January 17, 2019
page two

Glenview Road. It is the Department's interpretation that the soon to be replaced sidewalk and parapet wall, along with any railing and fencing, is included in the Village's continued routine maintenance responsibilities.

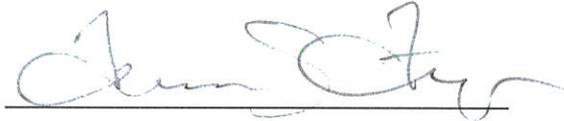
If you are in general concurrence with this Letter of Intent, please sign the appropriate line below and return the signed original document to the Department at your earliest convenience.

If you have any questions or need additional information, please contact me or Tavis Farmer, Area Programmer, at (847) 705-40075.

Very truly yours,


Anthony J. Quigley, P.E.
Region One Engineer

Concur



Do Not Concur

Title

Village Manager

Date

1/21/19



1200 Wilmette Avenue
Wilmette, Illinois 60091-0040

Engineering and Public Works
Department

(847) 853-7660
Fax (847) 853-7701

December 3, 2018

Anthony J. Quigley, P.E.
Region One Engineer
Illinois Department of Transportation
201 West Center Court
Schaumburg, IL 60196

Subject: Request for Financial Participation
Glenview Road Bridge North Sidewalk Replacement Project
Glenview Rd (FAU 1297) Bridge over Edens Expressway (Interstate 94)

Dear Mr. Quigley:

The sidewalk along the north side of the Glenview Road bridge over I-94 in Wilmette is in a state of severe disrepair (photos attached). Users of the roadway have expressed concern with the condition of the sidewalk. The Village of Wilmette is committed to replacing this sidewalk to improve pedestrian safety and access to nearby schools, recreations centers and parks.

Village engineering staff has been in correspondence with Mr. Issam Rayyan of the IDOT Bureau of Programming who advised that, according to the IDOT Bridge Office, the parapet wall ties into the sidewalk with reinforcements. Additionally, it was expressed that it would not be possible to replace the sidewalk without replacement of the parapet wall.

The Village of Wilmette is seeking financial participation from your Department with the construction costs associated with replacement of the parapet wall only. The Village will act as the lead agency and will pay for all design and construction engineering services related to this project. The construction work is proposed to be locally let in and permitted through the IDOT Bureau of Traffic in 2019. Once work is complete, the Village would seek reimbursement of the actual construction cost associated with the parapet wall replacement as needed to complete the sidewalk replacement.

The Village has retained the services of an engineering consultant to prepare a preliminary estimate of cost for this project. The following table is a summary of the estimated costs for this project.

Cost Estimate
North Sidewalk Replacement Project
Glenview Road Bridge over I-94

Description	Cost
Sidewalk Replacement	\$220,000
Parapet Wall Replacement	\$175,000
Design Engineering	\$25,000
Construction Engineering	\$10,000
Total Cost:	\$430,000

The Village of Wilmette kindly requests IDOT participation in the amount of \$175,000 for this project to improve pedestrian safety and mobility across this bridge. Please take some time to consider our request to collaborate on this important project. Do not hesitate to contact me or Dan Manis, Village Engineer at (847) 853-7602 or manisd@wilmette.com if you have any questions or should require any additional information.

Thank you for your consideration in this matter.

Sincerely,



Timothy J. Frenzer
Village Manager

Encl: Existing Sidewalk Photos

CC: Brigitte Berger-Raish, P.E., Director of Engineering and Public Works
Dan Manis, P.E., Village Engineer
Issam Rayyan, P.E., Acting Bureau Chief of Programming, IDOT





Replacement of North Bridge Sidewalk 2019 \$318,400 Bond
 Streets, Sidewalks and Alleys

- Critical
- X Recommended
- Contingent on Funding

Original Purchase Date & Cost

N/A

Funding History

N/A

Project Description

Replacement of cracked and damaged public sidewalk adjacent to Glenview Road Bridge over the Edens Expressway.



The sidewalk will continue to deteriorate and become unsafe for pedestrians and bikes. Because of the complexity of working on a bridge overpass, this project will require design and construction observation by a structural engineering firm.

Project Update

This project has been deferred since 2012. The cost has been revised to reflect a 3% increase since 2012 (\$261,360).

Project Alternative

The alternative is to continue to patch the sidewalks with asphalt. This will result in increased maintenance as the asphalt will not last more than a season. It will become hazardous in the long term and is considered aesthetically displeasing by some residents.

Operating Budget Impact

Is this purchase *routine* ___ or *X* *non-routine*?

NON-ROUTINE	
Maintenance Costs	None
Personnel Costs	None
Training Costs	None



**GLENVIEW ROAD BRIDGE OVER I-94 NORTH SIDEWALK REPLACEMENT
 BID TABULATION**

DATE & TIME: August 15, 2019 2:00 PM
 ATTENDED BY: Cliff Ruemmler, Dan Manis, Georgia Mihalopoulos

BASE BID				ENGINEER'S ESTIMATE OF COST		Lorig Construction Company		Herlihy Mid-Continent		Areatha Construction Co., Inc		Dunnet Bay Construction		Rausch Infrastructure, LLC		Path Construction Company, Inc.	
ITEM NO.	ITEMS	UNIT	QUANTITY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
20101000	TEMPORARY FENCE	FOOT	300	\$5.00	\$ 1,500.00	\$ 6.00	\$ 1,800.00	\$ 10.00	\$ 3,000.00	\$ 5.00	\$ 1,500.00	\$ 5.00	\$ 1,500.00	\$ 12.00	\$ 3,600.00	\$ 11.00	\$ 3,300.00
20101200	TREE ROOT PRUNING	EACH	10	\$87.00	\$ 870.00	\$ 200.00	\$ 2,000.00	\$ 200.00	\$ 2,000.00	\$ 150.00	\$ 1,500.00	\$ 200.00	\$ 2,000.00	\$ 145.00	\$ 1,450.00	\$ 200.00	\$ 2,000.00
31101000	SUBBASE GRANULAR MATERIAL, TYPE B	TON	3	\$40.00	\$ 120.00	\$ 90.00	\$ 270.00	\$ 153.00	\$ 459.00	\$ 237.00	\$ 711.00	\$ 130.00	\$ 390.00	\$ 500.00	\$ 1,500.00	\$ 200.00	\$ 600.00
42001300	PROTECTIVE COAT	SQ YD	21	\$2.00	\$ 42.00	\$ 3.00	\$ 63.00	\$ 8.00	\$ 168.00	\$ 3.60	\$ 75.60	\$ 25.00	\$ 525.00	\$ 3.00	\$ 63.00	\$ 7.00	\$ 147.00
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	196	\$20.00	\$ 3,920.00	\$ 13.00	\$ 2,548.00	\$ 8.00	\$ 1,568.00	\$ 20.40	\$ 3,998.40	\$ 18.00	\$ 3,528.00	\$ 10.00	\$ 1,960.00	\$ 20.00	\$ 3,920.00
44000100	PAVEMENT REMOVAL	SQ YD	17	\$28.00	\$ 476.00	\$ 42.00	\$ 714.00	\$ 68.70	\$ 1,167.90	\$ 51.55	\$ 876.35	\$ 100.00	\$ 1,700.00	\$ 90.00	\$ 1,530.00	\$ 150.00	\$ 2,550.00
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	30	\$10.00	\$ 300.00	\$ 23.00	\$ 690.00	\$ 16.90	\$ 507.00	\$ 58.70	\$ 1,761.00	\$ 45.00	\$ 1,350.00	\$ 14.00	\$ 420.00	\$ 23.00	\$ 690.00
44000600	SIDEWALK REMOVAL	SQ FT	481	\$6.00	\$ 2,886.00	\$ 4.00	\$ 1,924.00	\$ 3.00	\$ 1,443.00	\$ 6.90	\$ 3,318.90	\$ 5.00	\$ 2,405.00	\$ 5.00	\$ 2,405.00	\$ 8.00	\$ 3,848.00
44201789	CLASS D PATCHES, TYPE II, 12 INCH	SQ YD	12	\$115.00	\$ 1,380.00	\$ 150.00	\$ 1,800.00	\$ 856.60	\$ 10,279.20	\$ 585.00	\$ 7,020.00	\$ 653.33	\$ 7,839.96	\$ 215.00	\$ 2,580.00	\$ 1,200.00	\$ 14,400.00
50102400	CONCRETE REMOVAL	CU YD	113.8	\$525.00	\$ 59,745.00	\$ 1,000.00	\$ 113,800.00	\$ 865.00	\$ 98,437.00	\$ 1,330.00	\$ 151,354.00	\$ 735.00	\$ 83,643.00	\$ 1,500.00	\$ 170,700.00	\$ 2,000.00	\$ 227,600.00
50157300	PROTECTIVE SHIELD	SQ YD	171	\$70.00	\$ 11,970.00	\$ 1.00	\$ 171.00	\$ 75.00	\$ 12,825.00	\$ 225.00	\$ 38,475.00	\$ 270.00	\$ 46,170.00	\$ 325.00	\$ 55,575.00	\$ 175.00	\$ 29,925.00
50300225	CONCRETE STRUCTURES	CU YD	3.0	\$1,000.00	\$ 3,000.00	\$ 1,800.00	\$ 5,400.00	\$ 1,500.00	\$ 4,500.00	\$ 4,315.00	\$ 12,945.00	\$ 1,500.00	\$ 4,500.00	\$ 1,400.00	\$ 4,200.00	\$ 2,100.00	\$ 6,300.00
50300255	CONCRETE SUPERSTRUCTURE	CU YD	157	\$1,000.00	\$ 157,000.00	\$ 815.00	\$ 127,955.00	\$ 1,677.00	\$ 263,289.00	\$ 891.00	\$ 139,887.00	\$ 765.00	\$ 120,105.00	\$ 1,200.00	\$ 188,400.00	\$ 2,500.00	\$ 392,500.00
50300300	PROTECTIVE COAT	SQ YD	459	\$4.00	\$ 1,836.00	\$ 1.00	\$ 459.00	\$ 3.00	\$ 1,377.00	\$ 2.75	\$ 1,262.25	\$ 3.00	\$ 1,377.00	\$ 3.00	\$ 1,377.00	\$ 10.00	\$ 4,590.00
50301350	CONCRETE SUPERSTRUCTURE (APPROACH SLAB)	CU YD	43.3	\$700.00	\$ 30,310.00	\$ 700.00	\$ 30,310.00	\$ 350.00	\$ 15,155.00	\$ 761.00	\$ 32,951.30	\$ 950.00	\$ 41,135.00	\$ 770.00	\$ 33,341.00	\$ 550.00	\$ 23,815.00
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	41,070	\$1.60	\$ 65,712.00	\$ 1.30	\$ 53,391.00	\$ 1.32	\$ 54,212.40	\$ 1.40	\$ 57,498.00	\$ 1.50	\$ 61,605.00	\$ 2.00	\$ 82,140.00	\$ 2.00	\$ 82,140.00
50901730	BRIDGE FENCE RAILING	FOOT	232	\$200.00	\$ 46,400.00	\$ 185.00	\$ 42,920.00	\$ 179.16	\$ 41,565.12	\$ 187.00	\$ 43,384.00	\$ 183.00	\$ 42,456.00	\$ 206.00	\$ 47,792.00	\$ 240.00	\$ 55,680.00
52000320	NEOPRENE EXPANSION JOINT 2"	FOOT	28	\$500.00	\$ 14,000.00	\$ 425.00	\$ 11,900.00	\$ 376.00	\$ 10,528.00	\$ 575.00	\$ 16,100.00	\$ 800.00	\$ 22,400.00	\$ 320.00	\$ 8,960.00	\$ 625.00	\$ 17,500.00
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	32	\$45.00	\$ 1,440.00	\$ 65.00	\$ 2,080.00	\$ 60.00	\$ 1,920.00	\$ 166.00	\$ 5,312.00	\$ 140.00	\$ 4,480.00	\$ 48.00	\$ 1,536.00	\$ 125.00	\$ 4,000.00
63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	1	\$3,500.00	\$ 3,500.00	\$ 3,500.00	\$ 3,500.00	\$ 3,418.00	\$ 3,418.00	\$ 3,000.00	\$ 3,000.00	\$ 3,418.00	\$ 3,418.00	\$ 4,050.00	\$ 4,050.00	\$ 3,400.00	\$ 3,400.00
63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	1	\$3,600.00	\$ 3,600.00	\$ 3,300.00	\$ 3,300.00	\$ 3,170.00	\$ 3,170.00	\$ 2,800.00	\$ 2,800.00	\$ 3,170.00	\$ 3,170.00	\$ 3,750.00	\$ 3,750.00	\$ 3,700.00	\$ 3,700.00
63200310	GUARDRAIL REMOVAL	FOOT	75	\$5.00	\$ 375.00	\$ 7.00	\$ 525.00	\$ 6.85	\$ 513.75	\$ 10.00	\$ 750.00	\$ 6.85	\$ 513.75	\$ 8.00	\$ 600.00	\$ 15.00	\$ 1,125.00
66400105	CHAIN LINK FENCE, 4'	FOOT	22	\$75.00	\$ 1,650.00	\$ 50.00	\$ 1,100.00	\$ 48.00	\$ 1,056.00	\$ 60.00	\$ 1,320.00	\$ 48.00	\$ 1,056.00	\$ 57.00	\$ 1,254.00	\$ 150.00	\$ 3,300.00
67100100	MOBILIZATION	LSUM	1	\$25,000.00	\$ 25,000.00	\$ 24,000.00	\$ 24,000.00	\$ 35,500.00	\$ 35,500.00	\$ 41,460.00	\$ 41,460.00	\$ 36,250.00	\$ 36,250.00	\$ 52,000.00	\$ 52,000.00	\$ 60,000.00	\$ 60,000.00
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	320	\$30.00	\$ 9,600.00	\$ 9.00	\$ 2,880.00	\$ 9.00	\$ 2,880.00	\$ 10.00	\$ 3,200.00	\$ 9.00	\$ 2,880.00	\$ 11.00	\$ 3,520.00	\$ 9.00	\$ 2,880.00
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	2,940	\$0.50	\$ 1,470.00	\$ 0.20	\$ 588.00	\$ 0.20	\$ 588.00	\$ 0.85	\$ 2,499.00	\$ 0.20	\$ 588.00	\$ 0.25	\$ 735.00	\$ 0.25	\$ 735.00
70400100	TEMPORARY CONCRETE BARRIER	FOOT	500	\$40.00	\$ 20,000.00	\$ 27.00	\$ 13,500.00	\$ 18.00	\$ 9,000.00	\$ 53.55	\$ 26,775.00	\$ 50.00	\$ 25,000.00	\$ 81.00	\$ 40,500.00	\$ 36.00	\$ 18,000.00
72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	1	\$100.00	\$ 100.00	\$ 50.00	\$ 50.00	\$ 50.00	\$ 50.00	\$ 50.00	\$ 50.00	\$ 50.00	\$ 50.00	\$ 60.00	\$ 60.00	\$ 47.00	\$ 47.00
78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	2,162	\$1.10	\$ 2,378.20	\$ 1.50	\$ 3,243.00	\$ 1.50	\$ 3,243.00	\$ 2.95	\$ 6,377.90	\$ 2.20	\$ 4,756.40	\$ 3.50	\$ 7,567.00	\$ 2.25	\$ 4,864.50
78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	200	\$2.50	\$ 500.00	\$ 4.50	\$ 900.00	\$ 4.50	\$ 900.00	\$ 9.20	\$ 1,840.00	\$ 7.25	\$ 1,450.00	\$ 11.00	\$ 2,200.00	\$ 7.25	\$ 1,450.00
78008210	POLYUREA PAVEMENT MARKING TYPE I - LINE 4"	FOOT	1,160	\$5.00	\$ 5,800.00	\$ 3.30	\$ 3,828.00	\$ 3.25	\$ 3,770.00	\$ 6.40	\$ 7,424.00	\$ 4.10	\$ 4,756.00	\$ 8.00	\$ 9,280.00	\$ 4.10	\$ 4,756.00
78008250	POLYUREA PAVEMENT MARKING TYPE I - LINE 12"	FOOT	95	\$8.00	\$ 760.00	\$ 10.00	\$ 950.00	\$ 9.75	\$ 926.25	\$ 19.60	\$ 1,862.00	\$ 16.00	\$ 1,520.00	\$ 24.00	\$ 2,280.00	\$ 16.00	\$ 1,520.00
78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	20	\$12.00	\$ 240.00	\$ 12.00	\$ 240.00	\$ 12.00	\$ 240.00	\$ 10.00	\$ 200.00	\$ 12.00	\$ 240.00	\$ 14.00	\$ 280.00	\$ 10.00	\$ 200.00
X0327980	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	3,920	\$2.00	\$ 7,840.00	\$ 1.10	\$ 4,312.00	\$ 1.10	\$ 4,312.00	\$ 1.20	\$ 4,704.00	\$ 1.10	\$ 4,312.00	\$ 1.50	\$ 5,880.00	\$ 1.25	\$ 4,900.00
X6640300	CHAIN LINK FENCE REMOVAL	FOOT	22	\$25.00	\$ 550.00	\$ 8.00	\$ 176.00	\$ 8.00	\$ 176.00	\$ 10.00	\$ 220.00	\$ 8.00	\$ 176.00	\$ 9.50	\$ 209.00	\$ 71.00	\$ 1,562.00
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	LSUM	1	\$40,000.00	\$ 40,000.00	\$ 10,000.00	\$ 10,000.00	\$ 13,500.00	\$ 13,500.00	\$ 11,200.00	\$ 11,200.00	\$ 32,000.00	\$ 32,000.00	\$ 16,000.00	\$ 16,000.00	\$ 24,993.50	\$ 24,993.50
X07011015	TRAFFIC CONTROL AND PROTECTION, (EXPRESSWAYS)	LSUM	1	\$50,000.00	\$ 50,000.00	\$ 10,000.00	\$ 10,000.00	\$ 30,900.00	\$ 30,900.00	\$ 30,000.00	\$ 30,000.00	\$ 29,000.00	\$ 29,000.00	\$ 95,000.00	\$ 95,000.00	\$ 75,000.00	\$ 75,000.00
Z0013798	CONSTRUCTION LAYOUT	LSUM	1	\$5,000.00	\$ 5,000.00	\$ 3,000.00	\$ 3,000.00	\$ 6,000.00	\$ 6,000.00	\$ 3,500.00	\$ 3,500.00	\$ 3,000.00	\$ 3,000.00	\$ 15,000.00	\$ 15,000.00	\$ 8,250.00	\$ 8,250.00
Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	51	\$25.00	\$ 1,275.00	\$ 12.00	\$ 612.00	\$ 12.00	\$ 612.00	\$ 18.00	\$ 918.00	\$ 12.00	\$ 612.00	\$ 14.00	\$ 714.00	\$ 12.00	\$ 612.00
Base Bid Totals:				\$ 582,545.20		\$ 486,899.00		\$ 645,155.62		\$ 670,029.70		\$ 603,857.11		\$ 870,408.00		\$ 1,096,800.00	
Difference between E.O.C.:				0.00%		-16.42%		10.75%		15.02%		3.66%		49.41%		88.28%	
Base Bid Totals (As Read):						\$ 486,899.00		\$ 645,155.62		\$ 670,029.70		\$ 603,857.11		\$ 870,408.00		\$ 1,096,800.00	

ALTERNATE ONE BID				ENGINEER'S ESTIMATE OF COST		Lorig Construction Company		Herlihy Mid-Continent		Areatha Construction Co., Inc		Dunnet Bay Construction		Rausch Infrastructure, LLC		Path Construction Company, Inc.	
ITEM NO.	ITEMS	UNIT	QUANTITY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
20101000	TEMPORARY FENCE	FOOT	300	\$5.00	\$ 1,500.00	\$ 6.00	\$ 1,800.00	\$ 10.00	\$ 3,000.00	\$ 5.00	\$ 1,500.00	\$ 5.00	\$ 1,500.00	\$ 12.00	\$ 3,600.00	\$ 11.00	\$ 3,300.00
20101200	TREE ROOT PRUNING	EACH	10	\$87.00	\$ 870.00	\$ 200.00	\$ 2,000.00	\$ 200.00	\$ 2,000.00	\$ 150.00	\$ 1,500.00	\$ 200.00	\$ 2,000.00	\$ 145.00	\$ 1,450.00	\$ 200.00	\$ 2,000.00
31101000	SUBBASE GRANULAR MATERIAL, TYPE B	TON	10	\$40.00	\$ 400.00	\$ 90.00	\$ 900.00	\$ 153.00	\$ 1,530.00	\$ 151.80	\$ 1,518.00	\$ 130.00	\$ 1,300.00	\$ 500.00	\$ 5,000.00	\$ 150.00	\$ 1,500.00

ALTERNATE ONE BID				ENGINEER'S ESTIMATE OF COST		Lorig Construction Company		Herlihy Mid-Continent		Areatha Construction Co., Inc		Dunnet Bay Construction		Rausch Infrastructure, LLC		Path Construction Company, Inc.	
42001300	PROTECTIVE COAT	SQ YD	344	\$2.00	\$ 688.00	\$ 3.00	\$ 1,032.00	\$ 8.00	\$ 2,752.00	\$ 3.15	\$ 1,083.60	\$ 6.50	\$ 2,236.00	\$ 3.00	\$ 1,032.00	\$ 2.50	\$ 860.00
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	830	\$20.00	\$ 16,600.00	\$ 13.00	\$ 10,790.00	\$ 7.60	\$ 6,308.00	\$ 10.10	\$ 8,383.00	\$ 7.00	\$ 5,810.00	\$ 10.00	\$ 8,300.00	\$ 12.00	\$ 9,960.00
44000100	PAVEMENT REMOVAL	SQ YD	31	\$28.00	\$ 868.00	\$ 42.00	\$ 1,302.00	\$ 68.70	\$ 2,129.70	\$ 50.80	\$ 1,574.80	\$ 80.00	\$ 2,480.00	\$ 90.00	\$ 2,790.00	\$ 200.00	\$ 6,200.00
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	194	\$10.00	\$ 1,940.00	\$ 23.00	\$ 4,462.00	\$ 16.90	\$ 3,278.60	\$ 21.65	\$ 4,200.10	\$ 20.00	\$ 3,880.00	\$ 14.00	\$ 2,716.00	\$ 20.00	\$ 3,880.00
44000600	SIDEWALK REMOVAL	SQ FT	858	\$6.00	\$ 5,148.00	\$ 4.00	\$ 3,432.00	\$ 3.00	\$ 2,574.00	\$ 4.20	\$ 3,603.60	\$ 2.50	\$ 2,145.00	\$ 5.00	\$ 4,290.00	\$ 10.00	\$ 8,580.00
44201789	CLASS D PATCHES, TYPE II, 12 INCH	SQ YD	27	\$115.00	\$ 3,105.00	\$ 150.00	\$ 4,050.00	\$ 408.80	\$ 11,037.60	\$ 292.60	\$ 7,900.20	\$ 334.26	\$ 9,025.02	\$ 215.00	\$ 5,805.00	\$ 700.00	\$ 18,900.00
50102400	CONCRETE REMOVAL	CU YD	113.8	\$525.00	\$ 59,745.00	\$ 1,000.00	\$ 113,800.00	\$ 865.00	\$ 98,437.00	\$ 1,330.00	\$ 151,354.00	\$ 735.00	\$ 83,643.00	\$ 1,500.00	\$ 170,700.00	\$ 2,000.00	\$ 227,600.00
50157300	PROTECTIVE SHIELD	SQ YD	171	\$70.00	\$ 11,970.00	\$ 1.00	\$ 171.00	\$ 75.00	\$ 12,825.00	\$ 225.00	\$ 38,475.00	\$ 270.00	\$ 46,170.00	\$ 325.00	\$ 55,575.00	\$ 175.00	\$ 29,925.00
50300225	CONCRETE STRUCTURES	CU YD	3.3	\$1,000.00	\$ 3,300.00	\$ 1,800.00	\$ 5,940.00	\$ 1,500.00	\$ 4,950.00	\$ 3,923.00	\$ 12,945.90	\$ 1,500.00	\$ 4,950.00	\$ 1,400.00	\$ 4,620.00	\$ 2,000.00	\$ 6,600.00
50300255	CONCRETE SUPERSTRUCTURE	CU YD	157	\$1,000.00	\$ 157,000.00	\$ 815.00	\$ 127,955.00	\$ 1,677.00	\$ 263,289.00	\$ 891.00	\$ 139,887.00	\$ 765.00	\$ 120,105.00	\$ 1,200.00	\$ 188,400.00	\$ 2,500.00	\$ 392,500.00
50300300	PROTECTIVE COAT	SQ YD	459	\$4.00	\$ 1,836.00	\$ 1.00	\$ 459.00	\$ 3.00	\$ 1,377.00	\$ 2.70	\$ 1,239.30	\$ 3.00	\$ 1,377.00	\$ 3.00	\$ 1,377.00	\$ 10.00	\$ 4,590.00
50301350	CONCRETE SUPERSTRUCTURE (APPROACH SLAB)	CU YD	43.3	\$700.00	\$ 30,310.00	\$ 700.00	\$ 30,310.00	\$ 350.00	\$ 15,155.00	\$ 761.00	\$ 32,951.30	\$ 950.00	\$ 41,135.00	\$ 770.00	\$ 33,341.00	\$ 550.00	\$ 23,815.00
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	41,070	\$1.60	\$ 65,712.00	\$ 1.30	\$ 53,391.00	\$ 1.32	\$ 54,212.40	\$ 1.40	\$ 57,498.00	\$ 1.50	\$ 61,605.00	\$ 2.00	\$ 82,140.00	\$ 2.00	\$ 82,140.00
50901730	BRIDGE FENCE RAILING	FOOT	232	\$200.00	\$ 46,400.00	\$ 185.00	\$ 42,920.00	\$ 179.16	\$ 41,565.12	\$ 187.00	\$ 43,384.00	\$ 183.00	\$ 42,456.00	\$ 206.00	\$ 47,792.00	\$ 240.00	\$ 55,680.00
52000320	NEOPRENE EXPANSION JOINT 2"	FOOT	28	\$500.00	\$ 14,000.00	\$ 425.00	\$ 11,900.00	\$ 376.00	\$ 10,528.00	\$ 575.00	\$ 16,100.00	\$ 800.00	\$ 22,400.00	\$ 320.00	\$ 8,960.00	\$ 600.00	\$ 16,800.00
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	126	\$45.00	\$ 5,670.00	\$ 65.00	\$ 8,190.00	\$ 60.00	\$ 7,560.00	\$ 79.20	\$ 9,979.20	\$ 83.00	\$ 10,458.00	\$ 48.00	\$ 6,048.00	\$ 75.00	\$ 9,450.00
63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	1	\$3,500.00	\$ 3,500.00	\$ 3,500.00	\$ 3,500.00	\$ 3,418.00	\$ 3,418.00	\$ 3,000.00	\$ 3,000.00	\$ 3,418.00	\$ 3,418.00	\$ 4,050.00	\$ 4,050.00	\$ 3,400.00	\$ 3,400.00
63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	1	\$3,600.00	\$ 3,600.00	\$ 3,300.00	\$ 3,300.00	\$ 3,170.00	\$ 3,170.00	\$ 2,800.00	\$ 2,800.00	\$ 3,170.00	\$ 3,170.00	\$ 3,750.00	\$ 3,750.00	\$ 3,700.00	\$ 3,700.00
63200310	GUARDRAIL REMOVAL	FOOT	75	\$5.00	\$ 375.00	\$ 7.00	\$ 525.00	\$ 6.85	\$ 513.75	\$ 10.00	\$ 750.00	\$ 6.85	\$ 513.75	\$ 8.00	\$ 600.00	\$ 15.00	\$ 1,125.00
66400105	CHAIN LINK FENCE, 4'	FOOT	22	\$75.00	\$ 1,650.00	\$ 50.00	\$ 1,100.00	\$ 48.00	\$ 1,056.00	\$ 60.00	\$ 1,320.00	\$ 48.00	\$ 1,056.00	\$ 57.00	\$ 1,254.00	\$ 150.00	\$ 3,300.00
67100100	MOBILIZATION	LSUM	1	\$25,000.00	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00	\$ 35,500.00	\$ 35,500.00	\$ 42,000.00	\$ 42,000.00	\$ 36,250.00	\$ 36,250.00	\$ 52,000.00	\$ 52,000.00	\$ 60,000.00	\$ 60,000.00
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	320	\$30.00	\$ 9,600.00	\$ 9.00	\$ 2,880.00	\$ 9.00	\$ 2,880.00	\$ 10.00	\$ 3,200.00	\$ 9.00	\$ 2,880.00	\$ 11.00	\$ 3,520.00	\$ 9.00	\$ 2,880.00
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	2,940	\$0.50	\$ 1,470.00	\$ 0.20	\$ 588.00	\$ 0.20	\$ 588.00	\$ 0.85	\$ 2,499.00	\$ 0.20	\$ 588.00	\$ 0.25	\$ 735.00	\$ 0.25	\$ 735.00
70400100	TEMPORARY CONCRETE BARRIER	FOOT	500	\$40.00	\$ 20,000.00	\$ 27.00	\$ 13,500.00	\$ 18.00	\$ 9,000.00	\$ 53.55	\$ 26,775.00	\$ 50.00	\$ 25,000.00	\$ 81.00	\$ 40,500.00	\$ 36.00	\$ 18,000.00
72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	1	\$100.00	\$ 100.00	\$ 50.00	\$ 50.00	\$ 50.00	\$ 50.00	\$ 50.00	\$ 50.00	\$ 50.00	\$ 50.00	\$ 60.00	\$ 60.00	\$ 47.00	\$ 47.00
78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	2,162	\$1.10	\$ 2,378.20	\$ 1.50	\$ 3,243.00	\$ 1.50	\$ 3,243.00	\$ 2.95	\$ 6,377.90	\$ 2.20	\$ 4,756.40	\$ 3.50	\$ 7,567.00	\$ 2.25	\$ 4,864.50
78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	200	\$2.50	\$ 500.00	\$ 4.50	\$ 900.00	\$ 4.50	\$ 900.00	\$ 9.20	\$ 1,840.00	\$ 7.25	\$ 1,450.00	\$ 11.00	\$ 2,200.00	\$ 7.25	\$ 1,450.00
78008210	POLYUREA PAVEMENT MARKING TYPE I - LINE 4"	FOOT	1,160	\$5.00	\$ 5,800.00	\$ 3.30	\$ 3,828.00	\$ 3.25	\$ 3,770.00	\$ 6.40	\$ 7,424.00	\$ 4.10	\$ 4,756.00	\$ 8.00	\$ 9,280.00	\$ 4.10	\$ 4,756.00
78008250	POLYUREA PAVEMENT MARKING TYPE I - LINE 12"	FOOT	95	\$8.00	\$ 760.00	\$ 10.00	\$ 950.00	\$ 9.75	\$ 926.25	\$ 19.60	\$ 1,862.00	\$ 16.00	\$ 1,520.00	\$ 24.00	\$ 2,280.00	\$ 16.00	\$ 1,520.00
78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	20	\$12.00	\$ 240.00	\$ 12.00	\$ 240.00	\$ 12.00	\$ 240.00	\$ 10.00	\$ 200.00	\$ 12.00	\$ 240.00	\$ 14.00	\$ 280.00	\$ 10.00	\$ 200.00
X0327980	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	3,920	\$2.00	\$ 7,840.00	\$ 1.10	\$ 4,312.00	\$ 1.10	\$ 4,312.00	\$ 1.20	\$ 4,704.00	\$ 1.10	\$ 4,312.00	\$ 1.50	\$ 5,880.00	\$ 1.10	\$ 4,312.00
X6640300	CHAIN LINK FENCE REMOVAL	FOOT	22	\$25.00	\$ 550.00	\$ 8.00	\$ 176.00	\$ 8.00	\$ 176.00	\$ 10.00	\$ 220.00	\$ 8.00	\$ 176.00	\$ 9.50	\$ 209.00	\$ 71.00	\$ 1,562.00
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	LSUM	1	\$40,000.00	\$ 40,000.00	\$ 10,000.00	\$ 10,000.00	\$ 13,500.00	\$ 13,500.00	\$ 11,200.00	\$ 11,200.00	\$ 32,000.00	\$ 32,000.00	\$ 16,000.00	\$ 16,000.00	\$ 19,956.00	\$ 19,956.00
X07011015	TRAFFIC CONTROL AND PROTECTION, (EXPRESSWAYS)	LSUM	1	\$1.00	\$ 50,000.00	\$ 10,000.00	\$ 10,000.00	\$ 30,900.00	\$ 30,900.00	\$ 30,000.00	\$ 30,000.00	\$ 29,000.00	\$ 29,000.00	\$ 95,000.00	\$ 95,000.00	\$ 75,000.00	\$ 75,000.00
Z0013798	CONSTRUCTION LAYOUT	LSUM	1	\$5,000.00	\$ 5,000.00	\$ 3,000.00	\$ 3,000.00	\$ 8,500.00	\$ 8,500.00	\$ 3,500.00	\$ 3,500.00	\$ 3,000.00	\$ 3,000.00	\$ 15,000.00	\$ 15,000.00	\$ 8,250.00	\$ 8,250.00
Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	51	\$25.00	\$ 1,275.00	\$ 12.00	\$ 612.00	\$ 12.00	\$ 612.00	\$ 18.00	\$ 918.00	\$ 12.00	\$ 612.00	\$ 14.00	\$ 714.00	\$ 12.00	\$ 612.00
Alternate One Bid Totals (As Calculated):				\$ 606,700.20		\$ 512,508.00		\$ 667,763.42		\$ 685,716.90		\$ 619,423.17		\$ 894,815.00		\$ 1,119,949.50	