



CITY of NOVI CITY COUNCIL

Agenda Item H
June 5, 2017

SUBJECT: Approval to award an amendment to the engineering services agreement with AECOM (URS Corporation - Great Lakes) for design engineering services associated with the Meadowbrook Road settlement project in the amount of \$17,476.00.

SUBMITTING DEPARTMENT: Department of Public Services, Engineering Division GDM

CITY MANAGER APPROVAL: 

EXPENDITURE REQUIRED	\$ 17,476.00
AMOUNT BUDGETED	\$ 26,999.00
LINE ITEM NUMBER	202-202.00-865.173

BACKGROUND INFORMATION:

There is a portion of Meadowbrook Road between Twelve Mile and Thirteen Mile Roads (just south of Burroughs Ave., along the MSU Tollgate Farm property) that has noticeable pavement deflection due to a structural issue with the underlying soils. This project will implement the recommendations of the geotechnical report, which includes the removal of the pavement and reconstructing the entire section of the roadway that has deflected.

AECOM (URS Corporation - Great Lakes) has been retained as the engineering consultants for the project and have provided the City with a scope of services and estimate. The attached proposal for engineering services as executed by AECOM (URS Corporation - Great Lakes) in the amount of \$17,476.00 outlines the scope of services in more detail. The design fee rate per the Exhibit B Fee Curve Schedule as part of the City's general Engineering Services Contract with AECOM (URS Corporation - Great Lakes) is 9.75% of the estimated construction cost.

RECOMMENDED ACTION: Approval to award an amendment to the engineering services agreement with AECOM (URS Corporation - Great Lakes) for design engineering services associated with the Meadowbrook Road settlement project in the amount of \$17,476.00.

Meadowbrook Road Reconstruction

Location Map



Project Area


Map Author: J. Mathias
Date: 5/24/17

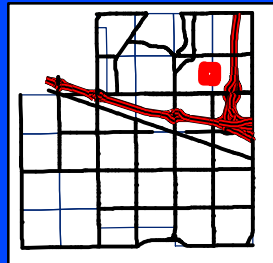
Amended By:
Date:
Department:

MAP INTERPRETATION NOTICE

Map information depicted is not intended to replace or substitute for any official or primary source. This map was intended to meet National Map Accuracy Standards and use the most recent, accurate sources available to the people of the City of Novi. Boundary measurements and area calculations are approximate and should not be construed as survey measurements performed by a licensed Michigan Surveyor as defined in Michigan Public Act 132 of 1970 as amended. Please contact the City GIS Manager to confirm source and accuracy information related to this map.

Legend

 Roadway Reconstruction



City of Novi

Engineering Division
Department of Public Services
26300 Lee BeGole Drive
Novi, MI 48375
cityofnovi.org

0 40 80 160 240
Feet

1 inch = 208 feet





May 15, 2017

Mr. Aaron Staup
City of Novi
Field Services Complex
26300 Lee Begole Drive
Novi, MI 48375

**Reference: Proposal for Engineering Services
Meadowbrook Road Reconstruction**

Dear Mr. Staup,

AECOM is pleased to submit this proposal for the above referenced project on Meadowbrook Road, just south of Burroughs Avenue. The pathway and roadway are experiencing settlement at this location due to the soft peat soils underlying the roadway. We understand that the project includes the reconstruction of approximately 200 feet of Meadowbrook Road near the existing culvert crossing. The City of Novi commissioned Testing Engineers & Consultants to perform a geotechnical investigation and design of the new road section to replace the existing section. We understand that the project will *not* include the replacement of the culvert crossing Meadowbrook Road.

This investigation by TEC, Inc. concluded that the roadway should be reconstructed in accordance with section 5.3 of the report, utilizing the following criteria:

- The existing upper granular soils are not considered suitable for reuse in the reconstructed pavement.
- The recommended pavement section is as follows:
 - 2 inch bituminous concrete top course (MDOT 5E30, or 5E10)
 - 3 inch bituminous concrete leveling course (MDOT 3E10)
 - 10 inches untreated aggregate base (MDOT 21AA)
 - Tensar™ TX5 Geogrid Reinforcement Layer
 - 6 inch 95% existing Compacted Granular Subbase
 - Consideration could be given to including a GlasPave interlayer between the top course and leveling course to better accommodate future mill and overlay. The city has used this type of cross section as a perpetual pavement. TEC recommends that the entire section of the rehabilitated road be constructed as the reinforced cross section.

An estimate of cost and drawing showing the project area and is attached. A fabric interlayer is not yet included in the cost estimate.

The following tasks will be completed for the project:

Initial Meeting and Scope Verification

The intent of this task is to meet with the City and verify the limits and scope of work for the project. The need for drainage improvements and work in addition to pavement reconstruction/rehabilitation will also be identified and discussed at the meeting. Upon completion of this task, we will move forward with the surveying and preliminary design.



Mr. Aaron Staup
May 15, 2017
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Survey and Base Plans

The intent of this task is to provide topographic survey and base mapping as needed for the proposed design work. We anticipate that a full topographic survey will be required for the anticipated reconstruction work included in the project. Base drawings will be created using the survey data, supplemented by aerial photos and a detailed field review of the site.

AECOM will prepare base plans (30%-40% complete) to identify the major design features. These plans will also be used to further the utility investigation and resolution of potential conflicts. Base plans will include the results of the survey information, utility information from response to our solicitations, and a preliminary estimate.

AECOM will obtain existing utility data with a design ticket through the MISS DIG system. In addition, AECOM will distribute the base plan design set to the utility companies that have indicated that they have facilities in the project area. We will incorporate the additional information that utility companies provide to AECOM into the plan set. Due to the fast pace of this project, this may require an addenda during the bid phase.

Preliminary Plans

Incorporating the information obtained from the above tasks, we will prepare the preliminary plan set (90%) in accordance with City requirements. This submittal will include items such as the typical cross sections, materials/quantities and details. A Project Manual and preliminary updated cost estimate will also be prepared and submitted.

Final Plans and Proposal

Incorporating comments from the City, AECOM will develop the final plans submittal, including the plan set, Project Manual, and cost estimate.

Advertising and Award

We will respond to any final comments received from the City and submit the Advertisement for Bids to the City for publication. Contract Documents will be made available to bidders by AECOM. AECOM will respond to bidder inquiries during the advertising period and prepare addenda as required. Following the bid opening AECOM will submit the Bid Tabulation and a letter with recommendations regarding contract award

Construction

AECOM will provide full time inspection, contract administration, and staking as required for the project.

Schedule

We anticipate that the following schedule can be maintained:

Request Soil Borings and Cores	Have already been provided
Notice To Proceed with Design	June 5, 2017
Final Plans Submittal	June 16, 2017
Contract Award	July 31, 2017
Begin Construction	Early August, 2017
End Construction	Late September, 2017



Mr. Aaron Staup
May 15, 2017
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Estimated Cost of Construction and Design Fees

The attached estimate shows the construction cost for the project is \$179,249.40.

The design fee (using the Engineering Fee Chart for Road Construction work) is 9.75% of construction cost.

$9.75\% \times \$179,249.40 = \$17,476.00.$

We understand that fees for construction phase services will be determined after a construction contract is awarded.

Please contact me if you have any questions or wish to discuss this submittal.

Sincerely,

AECOM Great Lakes, Inc.

A handwritten signature in blue ink that reads "Sean Kelsch".

Sean Kelsch, PE
Vice-President

City of Novi
Meadowbrook Road Reconstruction for Settlement Area
RECONSTRUCTION WITH GEOGRID/GEOTEXTILE (PER TEC Recommendation)
Preliminary Estimate of Cost
5/15/2017

Item No.	Item Description	Unit	Quantities	Unit Price (\$)	Total Cost (\$)
			Total	Unit Price (\$)	Total Cost (\$)
1	Mobilization (10%)	LS	1	16,295.40	\$ 16,295.40
2	Pre-Construction Audio-Visual	LS	1	1,000.00	\$ 1,000.00
3	Remove HMA Surface	Syd	711	\$ 5.00	\$ 3,555.00
4	Curb and Gutter, Rem	Ft	400	\$ 10.00	\$ 4,000.00
5	Roadway Grading	Sta	2.0	\$ 3,000.00	\$ 6,000.00
6	Subgrade Undercutting, 1X3	Cyd	100	\$ 50.00	\$ 5,000.00
7	Silt Fence	Ft	400	\$ 2.00	\$ 800.00
8	Curb and Gutter Inlet Filter	Ea	4	\$ 150.00	\$ 600.00
9	Tensar TX5 Geogrid	Syd	888	\$ 8.00	\$ 7,104.00
10	Stabilization Geotextile	Syd	888	\$ 8.00	\$ 7,104.00
11	6 A Stone , 12 inch, for Stabilization	Syd	888	\$ 18.00	\$ 15,984.00
12	Aggregate Base, 21AA Limestone, 6 inch	Syd	711	\$ 13.00	\$ 9,243.00
13	Sewer, CI E, 12 inch	Ft	40	\$ 30.00	\$ 1,200.00
14	Trench Undercut and Backfill	Cyd	25	\$ 50.00	\$ 1,250.00
15	Dr Structure, 48 inch dia	Ea	2	\$ 1,800.00	\$ 3,600.00
16	Dr Structure Cover, Type K	Ea	3	\$ 750.00	\$ 2,250.00
17	Dr Structure Cover, Adj, Case 1	Ea	2	\$ 450.00	\$ 900.00
18	DPW Structure Cover, Adj, Case 1	Ea	2	\$ 500.00	\$ 1,000.00
19	Point Up Drainage Structure	Ea	2	\$ 300.00	\$ 600.00
20	Reconstruct Drainage Structure	Ft	2	\$ 200.00	\$ 400.00
21	Underdrain, Subgrade, Open-Graded, 6 inch	Ft	400	\$ 12.00	\$ 4,800.00
22	HMA, 5E10	Ton	125	\$ 150.00	\$ 18,750.00
23	HMA, 3E10	Ton	130	\$ 150.00	\$ 19,500.00
24	Curb and Gutter, Conc, Det F2	Ft	400	\$ 20.00	\$ 8,000.00
25	Remove and Replace Decorative Fence	Ft	400	\$ 20.00	\$ 8,000.00
26	Permanent Signing	LS	1	\$ 500.00	\$ 500.00
27	Permanent Pavement Markings	LS	1	\$ 2,000.00	\$ 2,000.00
28	Maintaining Traffic	LS	1	\$ 10,000.00	\$ 10,000.00
29	Surface Restoration	LS	1	\$ 5,000.00	\$ 5,000.00
	Miscellaneous Items (10%)				\$ 14,814.00
	Total Construction Cost				\$ 179,249.40
	Design Engineering	LS	9.75%		\$17,476.82
	Geotechnical Investigation	LS	1	\$ 9,522.00	\$9,522.00
	Inspection (Crew Days)	Day	10	\$640.00	\$6,400.00
	Contract Administration	LS	7.50%		\$13,443.71
	Materials Testing	LS	1	\$ 5,000.00	\$5,000.00
	Total Estimated Cost				\$231,091.92

Estimate Assumptions:

- 200 foot long reconstruction section assumed
- Pathway Cross Section assumed to be the same as roadway with 6 inch Agg Base and 6 inches HMA
- No Sanitary Sewer or Water Main work included
- No culvert work is included



Project Area
Approx 200 feet of
Meadowbrook Rd

NOTE:
MB-X Borings drilled for pedestrian path in 2010
B-X Borings drilled for roadway in 2017

TEST BORING LOCATION PLAN

SUPPLEMENTAL PROFESSIONAL ENGINEERING SERVICES AGREEMENT

MEADOWBROOK ROAD SETTLEMENT PROJECT

This Agreement shall be considered as made and entered into as of the date of the last signature hereon, and is between the City of Novi, 45175 W. Ten Mile Road, Novi, MI 48375-3024, hereafter, "City," and URS Corporation – Great Lakes., whose address is 27777 Franklin Road, Suite 2000, Southfield, MI 48034, hereafter, "Consultant."

RECITALS:

This Agreement shall be supplemental to, and hereby incorporates the terms and conditions of the AGREEMENT FOR PROFESSIONAL ENGINEERING SERVICES FOR PUBLIC PROJECTS, and attached exhibits, entered into between the City and the Consultant on December 17, 2012.

The project includes the design and the preparation of plans and specifications for the Meadowbrook Road Settlement area located north of Twelve Mile Road.

NOW, THEREFORE, in consideration of the foregoing, the City and Consultant agree as follows:

Section 1. Professional Engineering Services.

For and in consideration of payment by the City as provided under the "Payment for Engineering Services" section of this Agreement, Consultant shall perform the work described in the manner provided or required by the following Scope of Services, which is attached to and made a part of this Agreement as Exhibit A, all of said services to be done in a competent, efficient, timely, good manner and in compliance with applicable standards of professional care and all terms and conditions of this Agreement.

Exhibit A Scope of Services

Section 2. Payment for Professional Engineering Services.

1. Basic Fee.
 - a. Design Phase Services: The Consultant shall complete the design phase services as described herein for a lump sum fee of \$17,476.00, which is 9.75% of the estimated construction cost (\$179,249.40) as indicated on the design and construction engineering fee curve provided in Exhibit B of the Agreement for Professional Engineering Services for Public Projects.
 - b. Construction Phase Services will be awarded at the time of construction award, should it occur.

2. Payment Schedule for Professional Engineering Services Fee.

Consultant shall submit monthly statements for professional engineering services rendered. The statements shall be based on Consultant's estimate of the proportion of the total services actually completed for each task as set forth in Exhibit A at the time of billing. The City shall confirm the correctness of such estimates, and may use the City's own engineer for such purposes. The monthly statements should be accompanied by such properly completed reporting forms and such other evidence of progress as may be required by the City. Upon such confirmation, the City shall pay the amount owed within 30 days.

Final billing under this agreement shall be submitted in a timely manner but not later than three (3) months after completion of the services. Billings for work submitted later than three (3) months after completion of services will not be paid. Final payment will be made upon completion of audit by the City.

3. Payment Schedule for Expenses.

All expenses required to complete the scope of services described herein, including but not limited to costs related to mileage, vehicles, reproduction, computer use, etc., shall be included in the basic fee and shall not be paid separately. However, as compensation for expenses that are not included in the standard scope of services, when incurred in direct connection with the project, and approved by the City, the City shall pay the Consultant its actual cost times a factor of 1.15.

Section 4. Ownership of Plans and Documents; Records.

1. Upon completion or termination of this agreement, all documents prepared by the Consultant, including tracings, drawings, estimates, specifications, field notes, investigations, studies, etc., as instruments of service shall become the property of the City. Any reuse of such documents prepared by the Consultant by the City on any other project without the written authorization of the Consultant shall be at the City's sole risk.

2. The City shall make copies, for the use of the Consultant, of all of its maps, records, laboratory tests, or other data pertinent to the work to be performed by the Consultant under this Agreement, and also make available any other maps, records, or other materials available to the City from any other public agency or body.

3. The Consultant shall furnish to the City, copies of all maps, records, field notes, and soil tests that were developed in the course of work for the City and for which compensation has been received by the Consultant.

Section 5. Termination.

1. This Agreement may be terminated by either party upon 7- days' prior written notice to the other party in the event of substantial failure by the other party to fulfill its obligations under this agreement through no fault of the terminating party.

2. This Agreement may be terminated by the City for its convenience upon 90 days' prior written notice to the Consultant.

3. In the event of termination, as provided in this Article, the Consultant shall be paid as compensation in full for services performed to the date of that termination, an amount calculated in accordance with Section 2 of this Agreement. Such amount shall be paid by the City upon the Consultant's delivering or otherwise making available to the City, all data, drawings, specifications, reports, estimates, summaries, and that other information and materials as may have been accumulated by the Consultant in performing the services included in this Agreement, whether completed or in progress.

Section 6. Disclosure.

The Consultant affirms that it has not made or agreed to make any valuable gift whether in the form of service, loan, thing, or promise to any person or any of the person's immediate family, having the duty to recommend, the right to vote upon, or any other direct influence on the selection of consultants to provide professional engineering services to the City within the two years preceding the execution of this Agreement. A campaign contribution, as defined by Michigan law shall not be considered as a valuable gift for the purposes of this Agreement.

Section 7. Insurance Requirements.

1. The Consultant shall maintain at its expense during the term of this Agreement, the following insurance:

- A. Worker's Compensation insurance relative to all Personnel engaged in performing services pursuant to this Agreement, with coverage not less than that required by applicable law.
- B. Comprehensive General Liability insurance with maximum bodily injury limits of \$1,000,000 (One Million Dollars) each occurrence and/or aggregate and minimum Property Damage limits of \$1,000,000 (One Million Dollars) each occurrence and/or aggregate.
- C. Automotive Liability insurance covering all owned, hired, and non-owned vehicles with Personal Protection insurance to comply with the provisions of the Michigan No Fault Insurance Law including Residual Liability insurance with minimum bodily injury limits of \$1,000,000 (One Million Dollars) each occurrence and/or aggregate minimum property damage limits of \$1,000,000 (One Million Dollars) each occurrence and/or aggregate.
- D. The Consultant shall provide proof of Professional Liability coverage in the amount of not less than \$1,000,000 (One Million Dollars) per claim and/or aggregate, and Environmental Impairment coverage.

2. The Consultant shall be responsible for payment of all deductibles contained in any insurance required hereunder.

3. If during the term of this Agreement changed conditions or other pertinent factors should in the reasonable judgment of the City render inadequate insurance limits, the Consultant will furnish on demand such additional coverage as may reasonably be required under the

circumstances. All such insurance shall be effected at the Consultant's expense, under valid and enforceable policies, issued by the insurers of recognized responsibility which are well-rated by national rating organizations and are acceptable to the City.

4. All policies shall name the Consultant as the insured and shall be accompanied by an endorsement from the insurer that such policies shall not be canceled or reduced without at least thirty (30) days prior notice to the City.

With the exception of professional liability, all insurance policies shall name the City of Novi, its officers, agents, and employees as additional insured. Certificates of Insurance and endorsements evidencing such coverage shall be submitted to Sue Morianti, Purchasing Manager, City of Novi, 45175 West Ten Mile Road, Novi, MI 48375-3024 prior to commencement of performance under this Agreement and thirty (30) days written notice of cancellation by the insurer of any required coverage.

5. If any work is sublet in connection with this Agreement, the Consultant shall require each subconsultant to effect and maintain at least the same types and limits of insurance as fixed for the Consultant.

6. The provisions requiring the Consultant to carry said insurance shall not be construed in any manner as waiving or restricting the liability of the Consultant under this Agreement.

7. Coverage under the general and auto liability policies shall be considered to be the primary coverage rather than any policies and insurance or self-insurance retention owned or maintained by the City of Novi. This coverage shall be primary to the Additional Insureds, and not contributing with any other insurance or similar protection available to the Additional Insureds, whether other available coverage is primary, contributing or excess.

Section 8. Indemnity and Hold Harmless.

The Consultant agrees to hold harmless and indemnify the City, its officers, agents, employees from and against all claims, demands, suits liability, losses, damages or costs (including reasonable attorney fees and costs) to the extent arising out, of or resulting from the Consultant's tortious or negligent acts, errors, or omissions in performing this Agreement.

The Consultant agrees that it is its responsibility and not the responsibility of the City to safeguard the property and materials used by the Consultant in performing this Agreement. Further, this Consultant agrees to hold the City harmless for any loss of such property and materials used pursuant to the Consultant's performance under this Agreement.

Section 9. Nondiscrimination.

The Consultant shall not discriminate against any employee, or applicant for employment because of race, color, sex, age or handicap, religion, ancestry, marital status, national origin, place of birth, or sexual preference. The Consultant further covenants that it will comply with the Civil Rights Act of 1973, as amended; and the Michigan Civil Rights Act of 1976 (78. Stat.

252 and 1976 PA 4563) and will require a similar covenant on the part of any consultant or subconsultant employed in the performance of this Agreement.

Section 10. Applicable Law.

This Agreement is to be governed by the laws of the State of Michigan and the City of Novi Charter and Ordinances.

Section 11. Approval; No Release.

Approval of the City shall not constitute nor be deemed release of the responsibility and liability of Consultant, its employees, associates, agents and subconsultants for the accuracy and competency of their designs, working drawings, and specifications, or other documents and services; nor shall that approval be deemed to be an assumption of that responsibility by the City for any defect in the designs, working drawings and specifications or other documents prepared by Consultant, its employees, subconsultants, and agents.

After acceptance of final plans and special provisions by the City, Consultant agrees, prior to and during the construction of this project, to perform those engineering services as may be required by City to correct errors or omissions on the original plans prepared by Consultant and to change the original design as required.

Section 12. Compliance With Laws.

This Contract and all of Consultants professional services and practices shall be subject to all applicable state, federal and local laws, rules or regulations, including without limitation, those which apply because the City is a public governmental agency or body. Consultant represents that it is in compliance with all such laws and eligible and qualified to enter into this Agreement.

Section 13. Notices.

Written notices under this Agreement shall be given to the parties at their addresses on page one by personal or registered mail delivery to the attention of the following persons:

City: George D. Melistas, Engineering Senior Manager and Cortney Hanson, Clerk, with a copy to Thomas R. Schultz, City Attorney

Consultant: Sean Kelsch, P.E., Vice President

Section 14. Waivers.

No waiver of any term or condition of this Agreement shall be binding and effective unless in writing and signed by all parties, with any such waiver being limited to that circumstance only and not applicable to subsequent actions or events.

Section 15. Inspections, Notices, and Remedies Regarding Work.

During the performance of the professional services by Consultant, City shall have the right to inspect the services and its progress to assure that it complies with this Agreement. If such inspections reveal a defect in the work performed or other default in this Agreement, City shall provide Consultant with written notice to correct the defect or default within a specified number of days of the notice. Upon receiving such a notice, Consultant shall correct the specified defects or defaults within the time specified. Upon a failure to do so, the City may terminate this Agreement by written notice and finish the work through whatever method it deems appropriate, with the reasonable and incremental cost in doing so being a valid claim and charge against Consultant; or, the City may preserve the claims of defects or defaults without termination by written notice to Consultant.

All questions which may arise as to the quality and acceptability of work, the manner of performance and rate of progress of the work, and the interpretation of plans and specifications shall be decided by the City. All questions as to the satisfactory and acceptable fulfillment of the terms of this agreement shall be decided by the City.

Section 16. Delays.

No charges or claims for damages shall be made by the Consultant for delays or hindrances from any cause whatsoever during the progress of any portions of the services specified in this agreement, except as hereinafter provided.

In case of a substantial delay on the part of the City in providing to the Consultant either the necessary information or approval to proceed with the work, resulting, through no fault of the Consultant, in delays of such extent as to require the Consultant to perform its work under changed conditions not contemplated by the parties, the City will consider supplemental compensation limited to increased costs incurred as a direct result of such delays. Any claim for supplemental compensation must be in writing and accompanied by substantiating data.

When delays are caused by circumstances or conditions beyond the control of the Consultant as determined by the City, the Consultant shall be granted an extension of time for such reasonable period as may be mutually agreed upon between the parties, it being understood, however, that the permitting of the Consultant to proceed to complete the services, or any part of them, after the date to which the time of completion may have been extended, shall in no way operate as a waiver on the part of the City of any of its rights herein set forth.

Section 17. Assignment.

No portion of the project work, heretofore defined, shall be sublet, assigned, or otherwise disposed of except as herein provided or with the prior written consent of the City. Consent to sublet, assign, or otherwise dispose of any portion of the services shall not be construed to relieve the Consultant of any responsibility for the fulfillment of this agreement.

Section 18. Dispute Resolution.

The parties agree to try to resolve any disputes as to professional engineering services or otherwise in good faith. In the event that the parties cannot resolve any reasonable dispute, the

parties agree to seek alternative dispute resolution methods agreeable to both parties and which are legally permissive at the time of the dispute. The parties agree to use their best efforts to resolve any good faith dispute within 90 (ninety) days notice to the other party. In the event the parties cannot resolve that dispute as set forth above, they may seek such remedies as may be permitted by law.

WITNESSES

URS Corporation – Great Lakes

Emily R. Pike
Diana Cofelli

Sean Kelsch
By: Sean Kelsch
Its: Vice President

The foregoing Contract was acknowledged before me this 24th day of May,
2017, by Sean Kelsch on behalf of
URS Corporation (Great Lakes/ now known as AECOM Great Lakes, Inc.)

JENNIFER S. HALE
Notary Public, State of Michigan
County of Kent
My Commission Expires Jun. 30, 2021
Acting in the County of Kent

Jennifer S. Hale
Notary Public
Kent County, Michigan
My Commission Expires: 6/30/2021

WITNESSES

CITY OF NOVI

By:
Its:

The foregoing _____ was acknowledged before me this ____ day of _____,
20____, by _____ on behalf of the City of Novi.

Notary Public
Oakland County, Michigan
My Commission Expires: _____

EXHIBIT A - SCOPE OF SERVICES

Consultant shall provide the City professional engineering services in all phases of the Project to which this Agreement applies as hereinafter provided. These services will include serving as the City's professional engineering representative for the Project, providing professional engineering consultation and advice and furnishing customary civil, structural, mechanical and electrical engineering services and customary engineering services incidental thereto, as described below.

A. **Basic Services.**

[see attached]

B. **Performance.**

1. The Consultant agrees that, immediately upon the execution of this Agreement, it will enter upon the duties prescribed in this agreement, proceed with the work continuously, and make the various submittals on or before the dates specified in the attached schedule. The City is not liable and will not pay the Consultant for any services rendered before written authorization is received by the Consultant.
2. The Consultant shall submit, and the City shall review and approve a timeline for submission of plans and/or the completion of any other work required pursuant to this Scope of Services. The Consultant shall use its best efforts to comply with the schedule approved by the City.
3. If any delay is caused to the Consultant by order of the City to change the design or plans; or by failure of the city to designate right-of-way, or to supply or cause to be supplied any data not otherwise available to the Consultant that is required in performing the work described; or by other delays due to causes entirely beyond the control of the Consultant; then, in that event, the time schedules will be adjusted equitably in writing, as mutually agreed between the City and the Consultant at the moment a cause for delay occurs.
4. Since the work of the Consultant must be coordinated with the activities of the City (including firms employed by and governmental agencies and subdivisions working with the City), the Consultant shall advise the City in advance, of all meetings and conferences between the Consultant and any party, governmental agency, political subdivision, or third party which is necessary to the performance of the work of the Consultant.