



CITY of NOVI CITY COUNCIL

Agenda Item E
February 25, 2013

SUBJECT: Approval to award an engineering services contract for design engineering services related to additional parking on the north side of the Novi Civic Center and Civic Center sidewalk ramp improvements to Spalding DeDecker Associates, Inc., in the amount of \$10,048.

SUBMITTING DEPARTMENT: Department of Public Services, Engineering Division *Rm* *BTC*

CITY MANAGER APPROVAL: *[Signature]*

EXPENDITURE REQUIRED	\$ 10,048
AMOUNT BUDGETED	\$104,100
LINE ITEM NUMBER	101-265.00-971.100

BACKGROUND INFORMATION:

This project involves the addition of a new parking area on the north side of the Civic Center along the dead-end access drive west of the circle drive. Up to 18 stalls could be added, depending on the potential to save one or more of the trees adjacent to the proposed parking area. This new parking area would provide additional parking in close proximity to the Civic Center's north building entrance.

This project would also include the evaluation of the sidewalks and sidewalk ramps throughout the Civic Center campus, and the design of the improvements necessary to bring everything into compliance with the Americans with Disability Act requirements. Depending on the cost of the improvements necessary, the sidewalk work may be completed in one or two phases.

It is anticipated that the project would be constructed in summer 2013.

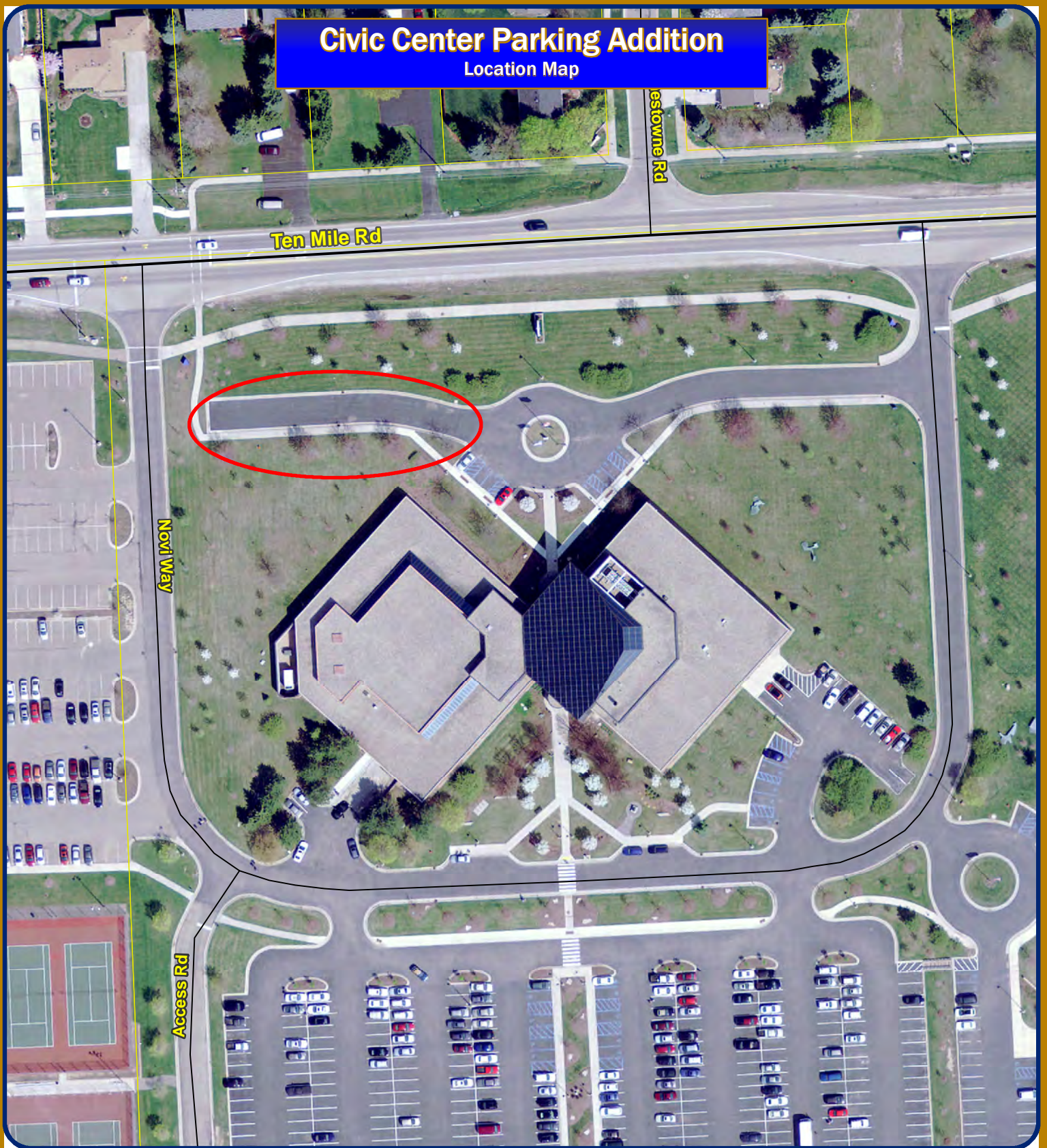
RECOMMENDED ACTION: Approval to award an engineering services contract for design engineering services related to additional parking on the north side of the Novi Civic Center and Civic Center sidewalk ramp improvements to Spalding DeDecker Associates, Inc., in the amount of \$10,048.

	1	2	Y	N
Mayor Gatt				
Mayor Pro Tem Staudt				
Council Member Casey				
Council Member Fischer				

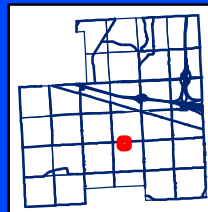
	1	2	Y	N
Council Member Margolis				
Council Member Mutch				
Council Member Wrobel				

Civic Center Parking Addition

Location Map



Map Author: Croy
 Date: 2/14/13
 Project: Civic Center Parking
 Version #: v1.0



1 inch = 100 feet

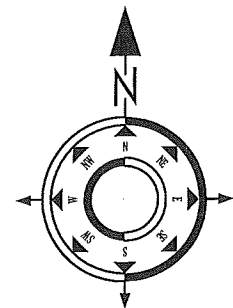
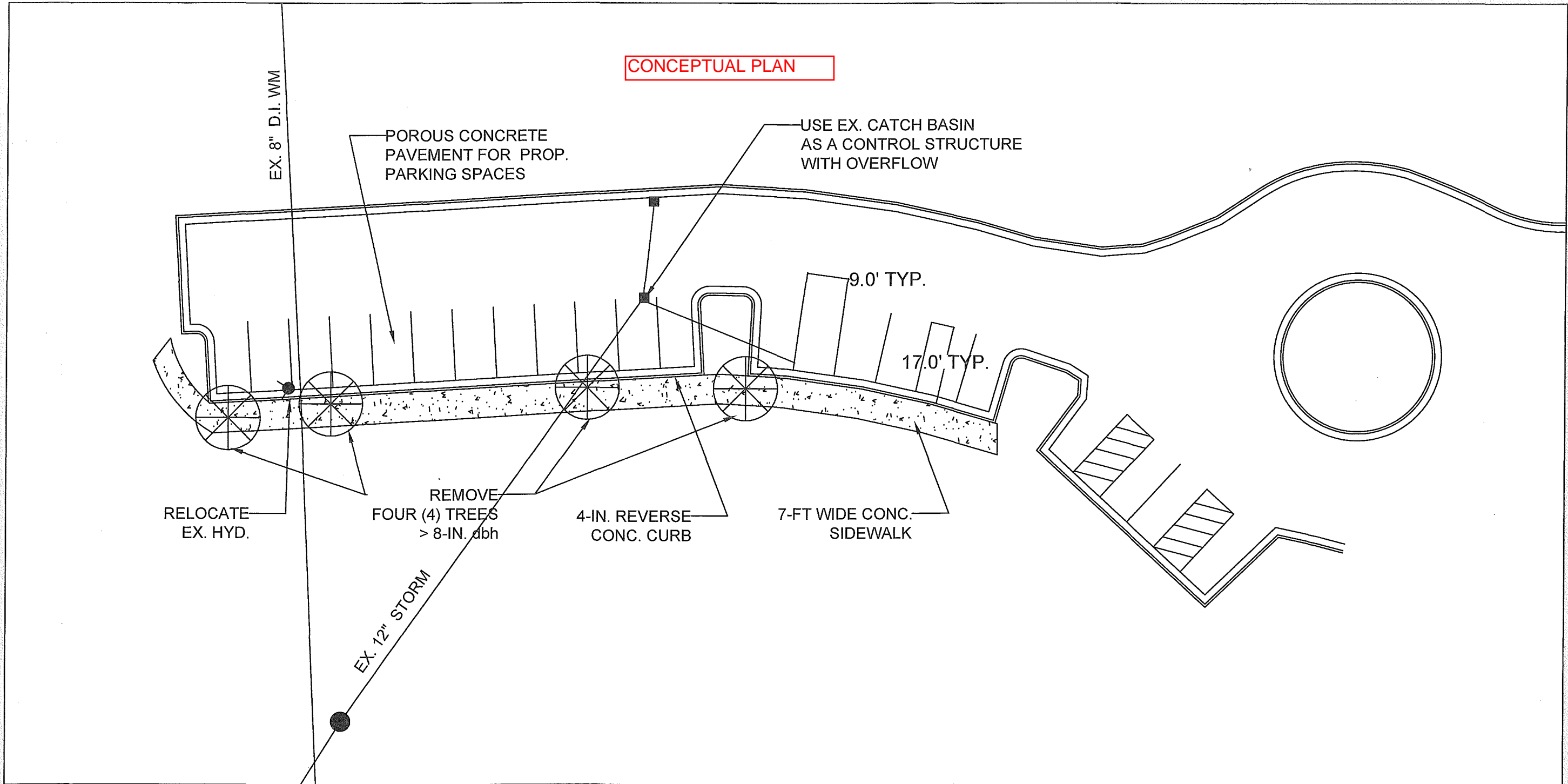
MAP INTERPRETATION NOTICE

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.



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

CONCEPTUAL PLAN



CITY OF NOVI
Civic Center Parking

REVISIONS

NO.	BY	DATE	DESCRIPTION

Contact: Lindon Ivezaj
 Phone: 248-735-5694
 Email: livezaj@cityofnovi.org

SUPPLEMENTAL PROFESSIONAL ENGINEERING SERVICES AGREEMENT

CIVIC CENTER PARKING AND SIDEWALK RAMP IMPROVEMENTS

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 Spalding DeDecker Associates, Inc., whose address is 905 South Boulevard East, Rochester Hills, MI 48307, 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 additional parking along the north side of the Civic Center, and the evaluation and design of the sidewalk ramps around the Civic Center to bring them into compliance with ADA standards.

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 and workmanlike manner and in compliance with 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 – Civic Center Parking: The Consultant shall complete the design phase services as described herein for a lump sum fee of \$3,583.00, which is 12.00% of the estimated construction cost (\$29,859) 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. Design Phase Services – Civic Center Sidewalk Ramps: The Consultant shall complete the design phase services as described herein for a lump sum fee of \$6,465, which is 14.00% of the estimated construction cost (\$46,180) as indicated on the design and construction engineering fee curve provided in Exhibit B of the Agreement for Professional Engineering Services for Public Projects.
- c. 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.

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 occurrence 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 a commitment 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 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 at least fifteen (15) days prior to the expiration dates of expiring policies.

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.

Section 8. Indemnity and Hold Harmless.

A. The Consultant agrees to indemnify and hold harmless the City, its elected and appointed officials and employees, from and against any and all claims, demands, suits, losses and settlements, including actual attorney fees incurred and all costs connected therewith, for any damages which may be asserted, claimed or recovered against the City by reason of personal injury, death and/or property damages which arises out of or is in any way connected or associated with the actions or inactions of the Consultant in performing or failing to perform the work.

The Consultant agrees that it is its responsibility and not the responsibility of the City to safeguard the property and materials used 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: Rob Hayes, P.E., Director of Public Services and Maryanne
Cornelius, Clerk, with a copy to Thomas R. Schultz, City Attorney

Consultant: David Eno, P.E., Project Manager

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 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

Spalding DeDecker Associates, Inc.

By:
Its:

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

Notary Public
_____ County, Michigan
My Commission Expires: _____

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.

1. 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.



City of Novi Civic Center Parking and Pedestrian Ramp Improvements Project Scope

Spalding DeDecker Associates, Inc. (SDA) is pleased to have been selected to provide design services for improvements at the Novi Civic Center. The following sections summarize the project and scope of services SDA will provide.

Overview and Understanding of Requested Services

The project consists of two major components – additional parking area in the small lot on the north side of the Civic Center building, and improving sidewalk ramps throughout the Civic Center driving and parking areas.

For the north parking area, approximately 17 new spaces are to be added to the west of the existing parking area, in line with the existing parking. This will require the removal of some existing lawn area and some trees, with the exact extent of removals and number of spaces to be determined during design. We do not believe that geotechnical investigation is necessary for this small paving project. The proposed design will account for standard soils with contingency for poor areas.

For sidewalk ramp upgrades, the City has identified several existing sidewalk ramps and segments of sidewalk which do not meet Americans with Disabilities Act (ADA) requirements for either cross slope or running grade. These ramps and sidewalk portions are to be removed and replaced to current ADA standards.

We are proposing to perform full topography survey for the north parking area and sidewalk and ramps north of the Civic Center, and detailed grades will be designed for these areas. The problem ramps and walk areas north of the building are considerably out of compliance and require a formal design.

For ramps and walk areas south of the building, limited survey will be performed and these areas will be shown for upgrades based on details to be provided in the plans (not designed detail grades). The ramps and walk areas south of the Civic Center are much closer to compliance already and should not pose a significant challenge for Contractor's to layout with SDA to provide verification of grades during construction.

Summary of Project Goals

- Expand the north parking lot
- Upgrade out of compliance ramps and sidewalk to current ADA standards.

Proposed Scope of Services

SDA will provide design and construction phase services to achieve the goals described and summarized above. This section will describe and summarize the services.

Design Phase Services

- Topographic Survey – SDA will perform complete topographic survey for the north parking and sidewalk areas, which will include the ramps on the pathway along Ten Mile crossing

of the east leg of Novi Way. The survey data will correspond to the State Plane Coordinate System Michigan, South Zone-6401, using NAD83, NAVD88 datum.

- Preliminary Report – following the topographic survey and initial layout of the parking and ramp areas, SDA will provide base plans showing the intended improvements.
- Plan Review – Design work will proceed following base plan review and preliminary plans will be submitted to the City at approximately 75% completion, for review and comments to be received at a review meeting or phone call.
- Final Plan Preparation – Plans and specifications / contract documents will be finalized and prepared for advertising. Soil Erosion and Sedimentation Control (SESC) plans will be submitted for the City permit.
- Bidding Phase – The City will place an advertisement, and plans will be made available by SDA for potential bidders. SDA will respond to contractor inquiries and issue required addendum.
- Bid Opening and Award – SDA will review submitted bids, prepare bid tabulations, review references, and recommend award.

Construction Phase Services

After the construction contract has been awarded by Council, SDA will begin construction phase services which will include:

- Compile contract books for execution – includes reviewing bonds, insurance information, and warranty documents.
- Pre-construction meeting – setting up and running the pre-con meeting.
- Construction Observation – SDA will provide full-time construction observation for the project.
- Materials Testing – prior to project award, SDA will solicit quotes from three materials testing firms. The firm offering the best value to the City will be recommended for award and contracted directly with the City. SDA will direct the materials testing firm on behalf of the City.
- Construction Administration – SDA will provide office administration of the project, reviewing shop drawings, material testing reports, mix designs, etc. as well as reviewing payment requests.
- Project Closeout – Following the major contractor operations, SDA will prepare a preliminary punch-list, lead a final walk-through with the City and final punch-list, and recommend final payment and contract close-out when all work is completed.
- As-constructed drawings – SDA will prepare as-constructed drawings and submit the files electronically to the City in PDF as well as Auto-Cad format.

Construction Cost Estimate and Proposed Fees

Based on our pre-qualification status with the City, engineering design fees are based on a percentage of the pre-design construction cost estimate. The fee percentage used depends on the type of services to be provided. For this project, it was agreed that the north parking area would follow the “road construction” table, and the ADA upgrades would follow the “non-motorized” table.

Please refer to the attached cost estimate for a detailed breakdown of the expected construction costs.

Based on our pre-design construction estimate of \$29,859 for the north parking improvements, and the design phase rate of 12.00%, the proposed design fee is \$3,583.

Based on our pre-design construction estimate of \$46,180 for the ADA ramp and sidewalk improvements, and the design phase rate of 14.00%, the proposed design fee is \$6,465.

The total combined design fee is \$10,048.

The expected construction phase fees are based on the construction estimate, and are shown in the estimate for budgeting and planning purposes only as they won't be set until bids are received.

Please don't hesitate to contact me if you have any questions or comments regarding this submittal.

Kindest Regards,

SPALDING DEDECKER ASSOCIATES, INC.



David P. Eno, P.E.
Transportation Project Manager



SPALDING DEDECKER ASSOCIATES, INC.

905 South Boulevard East • Rochester Hills • Michigan 48307 • Tel 248 844 8400 • Fax 248 844 8404

Engineer's Estimate of Probable Construction Cost

Project: Civic Center Parking Expansion and ADA ramps Date: 2/14/2013
 Location: Novi Civic Center Project No. NV13-xxx
 Work: North lot parking expansion; ADA ramp upgrades By: DPE
 Reviewed: _____

North Lot Parking Expansion

Item No.	Item Description	Est. Quantity	Unit	Unit Price (\$)	Total Cost (\$)
1	Mobilization (5% max.)	1	LS	1,500.00	1,500.00
2	Pre-Construction Video Review	1	LS	500.00	500.00
3	Soil Erosion & Sedimentation Control	1	LS	500.00	500.00
4	Excavation, Earth	100	CYD	12.00	1,200.00
5	Pavement, Rem	74	SYD	10.00	740.00
6	Curb and Gutter, Rem	188	FT	6.00	1,128.00
7	Sidewalk, Rem	140	SYD	5.00	700.00
8	Tree, Rem	4	EA	250.00	1,000.00
9	Relocate Hydrant	1	EA	1,500.00	1,500.00
10	Aggregate Base, 6 inch	342	SYD	8.00	2,736.00
11	HMA, 4 inch	75	TON	75.00	5,625.00
12	Curb and Gutter, Conc	242	FT	15.00	3,630.00
13	Sidewalk, Conc, 4 inch	1300	SFT	5.00	6,500.00
14	Permanent Pavement Markings	1	LS	600.00	600.00
15	Restoration	400	SYD	5.00	2,000.00
16	Construction Observation (# of days is bid item)	4	DAY	640.00	2,560.00
North Parking Lot Expansion - Total Bid Estimate:					32,419.00
Professional Services During Construction					
Construction Administration (SDA): (8.5% of construction)					2,540.00
Materials Testing (estimated, TBD): (2.5% of construction)					750.00
Estimated Professional Services:					3,290.00
TOTAL CONSTRUCTION COST ESTIMATE:					\$ 35,709.00

ADA Ramp Improvements

Item No.	Item Description	Quantity	Unit	(\$)	Total Cost (\$)
1	Mobilization (5% max.)	1	LS	2,400.00	2,400.00
2	Pre-Construction Video Review	1	LS	1,000.00	1,000.00
3	Curb and Gutter, Rem	330	FT	6.00	1,980.00
4	Sidewalk, Rem	565	SYD	5.00	2,825.00
5	Curb and Gutter, Conc	330	FT	15.00	4,950.00
6	Sidewalk, Conc, 4 inch	1210	SFT	5.00	6,050.00
7	Sidewalk Ramp	3850	SFT	6.50	25,025.00
8	Detectable Warning Surface	20	FT	35.00	700.00
9	Restoration	250	SYD	5.00	1,250.00
10	Construction Observation (# of days is bid item)	4	DAY	640.00	2,560.00
Major Roads - Total Bid Estimate:					48,740.00
Professional Services During Construction					
Construction Administration (SDA): (8.5% of construction)					3,930.00
Materials Testing (estimated, TBD): (2.5% of construction)					1,160.00
Estimated Professional Services:					5,090.00
TOTAL CONSTRUCTION COST ESTIMATE:					\$ 53,830.00

NORTH PARKING AND ADA RAMPS - TOTAL CONSTRUCTION ESTIMATE: \$ 89,539.00