

**Supplemental Agreement No. 1
for
Engineering/Architectural Services**

2012 Neighborhood Streets Reconstruction Program, Part 2 (SR-1426)

City of Overland Park, Kansas

This Supplemental Agreement No. 1 made this ____ day of _____, 20____, by and between the City of Overland Park, Kansas, hereinafter called the "City", and Brungardt Honomichl & Company, P.A., hereinafter called the "Consulting Engineer/Architect".

WHEREAS, the City and the Consulting Engineer/Architect have previously entered into an Agreement, dated July 11, 2011 (the "Original Agreement") for design of 2012 Neighborhood Streets Reconstruction Program, Part 2 (SR-1426) (the "Project"); and

WHEREAS, Section II of the Original Agreement provides that the Consulting Engineer/Architect may provide to the City certain additional services outside the scope of the Original Agreement as requested and authorized in writing by the City; and

WHEREAS, the City desires to receive and the Consulting Engineer/Architect desires to provide certain additional services related to the Project, to wit: **the design, plans, and specifications to be used for the reconstruction of Glenwood St. (78th Terr. To 78th St.), Walmer St. (79th St. to 78th St.), and 78th Terr. (Cul-de-Sac to Walmer St.)**, as further outlined in Exhibit A, attached hereto and incorporated by reference herein (the "Additional Services"); and

WHEREAS, this Supplemental Agreement No. 1 between the parties outlines the understanding of the parties regarding the provision of the Additional Services by the Consulting Engineer/Architect to the City; and

WHEREAS, the City is authorized and empowered to contract with the Consulting Engineer/Architect for the necessary Additional Services for the Project, and necessary funds for the payment of said Additional Services are available.

NOW THEREFORE, the parties hereby agree as follows:

PART A - BASIC CONSULTING ENGINEERING/ARCHITECT SERVICES

The Consulting Engineer/Architect will complete the Additional Services to the City's full satisfaction and in accordance with Exhibit A of this Supplemental Agreement No. 1.

PART B - SCHEDULE

The Consulting Engineer/Architect will complete the Additional Services in the time frame set forth below:

All work shown in Exhibit A of this Supplemental Agreement No. 1 shall be completed by October 18, 2013.

PART C - PAYMENT TO THE CONSULTING ENGINEER/ARCHITECT FOR SERVICES RENDERED

The Additional Services will be provided at an amount not to exceed Seventy Nine Thousand Four Hundred and Fifteen Dollars (\$79,415.00) including reimbursables in accordance with Exhibit B, attached hereto and incorporated by reference herein.

This Supplemental Agreement No. 1 raises the maximum fee to Two Hundred Eighty Eight Thousand Two Hundred Thirty Eight & no/100 Dollars (\$288,238.00) for the Project. This is the total of the fee from the Original Agreement of Two Hundred Eight Thousand Eight Hundred Twenty Three & no/100 Dollars (\$208,823.00) plus Seventy Nine Thousand Four Hundred and Fifteen Dollars (\$79,415.00) for this Supplemental Agreement No. 1.

IN ALL OTHER RESPECTS, the terms and conditions of the Original Agreement shall remain in full force and effect, except as specifically modified by this Supplemental Agreement No. 1, including all policies of insurance which shall cover the work authorized by this Supplemental Agreement No. 1.

IN WITNESS WHEREOF, the parties hereto have caused this Supplemental Agreement No. 1 to be executed as of the day and year first above written.

BRUNGARDT HONOMICHL & COMPANY, P.A. CITY OF OVERLAND PARK, KANSAS

Steven K. Brachenberg, P.E.
Principal

Carl Gerlach, Mayor

APPROVED AS TO FORM:

ATTEST:

Tammy M. Owens
Deputy City Attorney

Marian Cook
City Clerk

Exhibit A Basic Services and Other Matters

Scope of project: The following outlined scope of services is for the additional design service associated with the 2013 CDBG Improvements that are to be included as part of the 2014 Overland Park Neighborhood Streets Reconstruction Program. This additional effort includes design, plans, and specifications to be used for the reconstruction of **Glenwood St. (78th Terr. to 78th St.), Walmer St. (79th St. to 78th St.), and 78th Terr. (Cul-de-Sac to Walmer St.). Streets will be reconstructed to a 26' wide (typical) section with curb and gutter, street lights, driveway approaches, and sidewalks on one side.**

The Consulting Engineer shall furnish and perform the various professional duties and services required for the construction of the Project in accordance with all tasks listed in the current City of Overland Park Project Procedures Manual.

General Design Requirements:

The consultant shall design the Project in conformity with the **applicable portions of the City of Overland Park's "Project Procedure Manual" and the Johnson County Stormwater Management Program**, the current version of the Manual on Uniform Traffic Control Devices (MUTCD) as adopted by the Secretary, and the current version of the KDOT Standard Specifications for State Road and Bridge Construction with Special Provisions.

The Design plans shall be signed and sealed by the licensed professional engineer responsible for the preparation of the design plans. Geological investigations or studies shall be signed and sealed by the licensed Geologist responsible for the preparation of the geological investigations or studies. Rights of way descriptions shall be signed and sealed by the licensed land surveyor responsible for the preparation of the rights of way descriptions.

General Survey Requirements:

Vertical Control:

Elevations for plans must be obtained from a benchmark on the Johnson County Vertical Control Network. Show the datum benchmark and elevation of the datum benchmark on the plans.

Horizontal Control:

Section Corner and quarter section corner locations must be referenced to the Johnson County Horizontal Control Network. As part of the design survey all Section Corners and Quarter Section Corners within the project area and others used for project control must be located, reference and state plane coordinates determined with GPS equipment. The coordinates and referenced ties shall be shown on the plans and the standard corner reference report submitted to the Kansas State Historical Society, the County Engineer, and cities project engineer within 30 days of the survey as required by state law. If a Johnson County Horizontal Control marker may be damaged by construction the County public works department should be notified prior to the bid letting.

Plan Notes - Johnson County Control Bench Marks:

Any Johnson County Benchmarks, Johnson County Horizontal Control monuments and any Section Corner and Quarter Section Corners within the area surveyed for the project must be conspicuously indicated on the plans. All bench marks and section and quarter section corners and property pins within the construction limits shall include a note for the re-establishment of the monuments.

TASK 1. PRELIMINARY DESIGN

1.01. Data Collection.

- A. Attend pre-design meeting.
- B. Develop design criteria for the project; prepare design memorandum.
- C. Schedule and coordinate project activities with the City (where applicable).
- D. Schedule, attend and facilitate a pre-design utility coordination meeting.
 Inform the utility companies about the projects intent and schedule and solicit input about their facilities. Meeting minutes will be prepared.
- E. Field data collection for the project limits as defined previously:
 - 1. Establish land corners.
 - 2. Field surveys.
 - 3. Contact utilities and field locate all utilities.
 - 4. Low opening elevation of existing structures adjacent to storm sewer system and at low points.
 - 5. Off-site storm sewer structures and swale between 78th Terrace and 78th Street.
 - 6. Field locate visible irrigation systems.
- F. Ownership and abutting property information:
 - 1. Secure plats.
 - 2. Obtain ownership information from the City. The Consulting Engineer shall contract with a City approved title company for ownership information investigations. The costs associated with ownership information investigations shall be paid by the Consulting Engineer to the title company. This cost shall be included in the contingency fee as outlined in Section II of the Engineering / Architectural Services Agreement.
 - 3. Collect record drawings and plans for existing improvements.
- G. The Consulting Engineer shall contract with a City approved geotechnical firm for sub-surface investigations, pavement cores and pavement design. The costs associated with the work shall be paid for directly by the City.
- H. Review all available plans, previous studies, and pertinent information regarding the Project.
- I. Analyze the storm drainage needs along the project.
 - 1. Determine watershed areas for all streams and basins draining onto the proposed roadway.
 - 2. Determine ultimate development land uses for all watershed and sub-basin areas draining onto project.
- J. Review and summarize resident flooding survey which will be prepared and distributed by the City. Prepare memorandum to summarize findings.

- 1.02.** Prepare preliminary plans and base map at a scale of 1"=20' showing contours at 2-foot intervals, property owner information and property and easement lines.
 - A. Cover sheet.
 - B. Typical sections.
 - C. Pavement design shall be the responsibility of the City.
 - D. Drainage design.
 1. Based on storm sewer system condition assessment performed by City, identify storm sewer structures and pipes needing replacement.
 2. A scope of services for drainage design for a partial or total replacement of the existing storm sewer system shall be determined and shall be compensated as Extra Work as stipulated in Section II of this agreement.
 - E. Plan and Profile sheets.
 1. Plan scale = 1"=20'
 2. Profile scale H = 1"=20'; V = 1"=5'
 - F. Intersection layouts.
 - G. ADA Ramp Layouts.
 - H. Driveway profiles, included in cross-sections.
 - I. Preliminary traffic control for construction plan sheets.
 - J. Preliminary street lighting.
 1. Pole locations.
 2. Define design parameters.
 - K. Preliminary pavement marking and signing.
 - L. Cross sections every 25 feet (approximately).
- 1.03.** Perform quality assurance review.
- 1.04.** Submit preliminary plans to utility companies for their use in preparing for relocations.
- 1.05.** Develop preliminary opinion of probable project costs itemized by unit of work, including right-of-way and contingency.
- 1.06.** Submit preliminary plans and opinion of probable cost to City for review.
- 1.07.** Meet with City as necessary in connection with such preliminary work. Three (3) meetings are budgeted.
- 1.08.** Field Check to be performed with representatives of the Consulting Engineer and the Cities at the project site with appropriate detailed plans.
- 1.09.** Right-of-way and easements.
 - A. Describe right-of-way and easements necessary to complete project.
 1. Furnish legal descriptions sealed by an RLS licensed in the state of Kansas. Legal descriptions are also to be provided in a digital format compatible with Microsoft Word 7.0.
 2. Maps and sketches as follows:

- a. Plan and profile pages showing all proposed takings.
- b. Individual drawings of takings for each ownership including:
 - (1) Title block.
 - (2) Ownership boundaries.
 - (3) Existing rights-of-ways and easements.
 - (4) Proposed takings identified with text and graphically.
 - (5) Legend for taking type.
 - (6) Graphical scale and north arrow.
 - (7) Ownership information.
 - (8) Legal description of all takings.

B. The Consulting Engineer shall stake in the field the location of rights-of-way and/or permanent easements prior to acquisition and construction as requested by the City, and shall meet with appraisers to identify easement and right-of-way locations. Easement staking, including temporary easements, permanent rights-of-way, and staking of structures or other items for utilities and eminent domain services are NOT considered part of the Basic Scope of Services and shall be compensated as Extra Work as stipulated in Section II of this agreement.

1.10. Stake in the field, the centerline of all streets at 100-foot intervals as a horizontal reference for utilities and other entities that may need this information.

1.11. Public Information: Prepare for and attend three neighborhood meetings to explain the project to residents of the project area, and to receive public comments at a time and place arranged for by the City.

A. Pre-design Meeting: This meeting will introduce the Consultant to the residents, explain the goals and objectives of the projects, solicit information about the project area, review the planned schedule for design, construction and subsequent opportunities that the residents will have to give their input on the projects.

B. Right-of-Way Meeting: This meeting will be held after field check and when right-of-way and easement requirements are known. At this meeting the project will be explained and the construction schedule reviewed. Written legal documents will be available for the residents to sign to convey needed rights-of-way and construction easements.

C. Pre-Construction Meeting: This meeting will be held after bidding and award of contract as stipulated under the Bidding Phase. For each meeting the Consulting Engineer will prepare all necessary exhibits, documents and plans and have persons available to explain the proposed work and to answer questions. The City will arrange for the time and place of the meetings and will distribute all notifications.

D. The Consulting Engineer will be available to meet with City staff and concerned property owners as directed by the City to discuss the project at any time throughout the project.

1.12. Prepare the necessary plans and applications for permit submission to and approval of NPDES through KDHE.

TASK 2. FINAL DESIGN

2.01. Prepare detailed plans and specifications.

- A. Cover sheet.
- B. Typical sections.
- C. Pavement design shall be the responsibility of the City.
- D. Drainage design.
 - 1. Based on storm sewer system condition assessment performed by City, identify storm sewer structures and pipes needing replacement.
 - 2. A scope of services for drainage design for a partial or total replacement of the existing storm sewer system shall be determined and shall be compensated as Extra Work as stipulated in Section II of this agreement.
- E. Plan and Profile sheets
 - 1. Plan scale = 1"=20'
 - 2. Profile scale H = 1"=20'; V = 1'=5'
- F. Intersection details.
- G. ADA Ramp details.
- H. Driveway profiles included in cross-sections.
- I. Street lighting.
 - 1. Pole locations.
 - 2. Design parameters.
 - 3. Circuit information with includes control center locations.
- J. Pavement marking and signing.
- K. Cross sections every 25 feet (approximately).
- L. Retaining wall elevation views as required.
- M. Traffic control plan.
- N. Erosion control plan shall include a layout that specifies various erosion control devices to be used for each street. A phasing or sequencing plan and design calculations of these erosion control devices is NOT considered part of the Basic Scope of Services and shall be compensated as Extra Work as stipulated in Section II of this agreement.
- O. Standard and special details.

2.02. Prepare project manual including technical specifications and special provisions.

2.03. Perform quality assurance review.

2.04. Perform final plan quantity takeoffs.

2.05. Stormwater Pollution Prevention Plan (SWPPP), including erosion and sediment control plans. Plans shall conform to OP design checklists and requirements. SWPPP shall follow Overland Park template and conform to KDHE requirements. Provide 2 copies of SWPPP notebook to the City at time of bidding.

2.06. Utility coordination.

- A. Schedule and attend three (3) utility coordination meetings. These meetings will include a preliminary plan review meeting, a final plan review meeting and a status meeting.
- 2.07.** Prepare a detailed opinion of probable cost.
- A. Include an appropriate contingency.
 - B. Estimate time required to complete construction.
 - C. Provide input to the City regarding forms for:
 - 1. Proposals.
 - 2. Construction contracts.
 - 3. Bonds.
- 2.08.** At the completion of the project, furnish to the City the CAD drawings of the project in the Consulting Engineer's digital format and TIFF images in compressed CCITT, group 4 at 200 dpi format for the City's future use. The record contract documents for the project will be the original sealed drawings.
- 2.09.** Furnish up to 20 copies of detailed plans and specifications.
- A. Plan sets will be prepared in:
 - 1. Full size (22" x 34").
 - 2. Half size (11"x 17").
 - B. These plans are to be furnished at no additional cost, and are separate from those sold to prospective bidders.
- 2.10.** Meet with City as necessary during preparation of detailed plans. Two (2) meetings are budgeted.

TASK 3. BIDDING

- 3.01.** Consult with and advise the City as to the acceptability of substitute materials and equipment when substitution prior to the award of the contract is allowed in the bidding documents.
- 3.02.** Prepare written addenda to the bidding documents as required and or requested.
- 3.03.** Attend bid letting.
- 3.04.** Prepare a bid tabulation in printed and MS Excel format.
- 3.05.** Assist the City in analyzing bids and making recommendation for award of the construction contract.
- 3.06.** Prepare up to six (6) copies of contract documents for execution. Provide additional bid documents to the Contractor.
- 3.07.** Arrange for, attend, and prepare meeting minutes for a pre-construction conference with City representatives, the successful bidder, and utility companies.

TASK 4. CONSTRUCTION SERVICES

- 4.01.** Be available for discussion and consultation during the construction phase, but construction observation will be the responsibility of the City of Overland Park.
- 4.02.** Review shop drawings and be available for consultation with the City during

construction.

4.03. Prepare plan revisions as necessitated by conditions encountered in the field during construction, with the exception of traffic control plans.

4.04. Prepare final record drawings which reflect:

A. All change orders.

B. Minor design changes.

C. Changes made in the field by City representatives and are marked on the construction plan set.

4.05. Submit updated CAD drawings and TIFF images of the revised sheets.

Completion time: The Consulting Engineer hereby agrees to complete preliminary plans suitable for a public information meeting including easement and right-of-way descriptions and drawings (Task I) by July 19, 2013 and to complete all work necessary to and including preparation of final plans (Task II) by October 18, 2013.

		Tasks: A = All Disciplines; E = Engineering; S = Surveying; P = Public Involvement; D = Drainage	Job Titles								Tot Labor Costs	Other Direct Costs	Total MHs	
			Principal 170	Project Manager 142	Project Engineer 120	Design Engineer 88	Design Tech. 88	Admin. Support 42	Land Surveyor 135	Survey Tech. 86				Survey Crew 135
PRELIMINARY ENGINEERING STUDY PHASE														
1	A	Attend pre-design kick-off meeting, prepare minutes.	2	3	5						1,366	50	10	
2	A	Collect Existing Data, As-Built Plans, Studies, Etc.		2							284		2	
3	A	Collect property ownership info from City		1			1				230		2	
4	P	Prepare & distribute landowner door hangers		1			2	2			402	50	5	
5	S	Survey research and coordination						2		4	796		8	
6	S	Horizontal & vertical control								1	1,559		13	
7	S	Field topographic survey								3	4,725	150	35	
8	S	Process data								4	884		8	
9	S	Survey utility locates					4			1	1,371		13	
10	S	Survey existing locatable property corners and include in mapping (assumes up to 55 add'l tracts).								2	2,062		16	
11	S	Prepare & plot basemaps w/ utilities								1	1,855		21	
12	S	Develop existing surface from surveys								2	958		10	
13	D	Develop Hydrology for the Project Area			4	4					832		8	
14	D	Perform Overtopping Analysis of RCB crossing at Riggs & Glenwood									0		0	
15	D	Prepare Memorandum to summarize findings									0		0	
16	P	Summarize Resident "Flooding" Surveys (Assumes City will create & deliver survey)									0		0	
17	P	Individual meetings with critical stakeholders (Assumes up to 2 meetings @ 1 hr. each)									0		0	
SUBTOTAL PRELIMINARY ENGINEERING STUDY			2	7	9	4	7	4	18	44	56	\$17,324	\$250	151

Summary of PRELIMINARY STUDY By Type of Task													
E = Engineering	2	6	5	0	1	0	0	0	0	0	1,880	50	14
P = Public Involvement	0	1	0	0	2	2	0	0	0	0	402	50	5
S = Surveying	0	0	0	0	4	2	18	44	56	0	14,210	150	124
D = Drainage	0	0	4	4	0	0	0	0	0	0	832	0	8
U = Utility Relocation	0	0	0	0	0	0	0	0	0	0	0	0	0
	2	7	9	4	7	4	18	44	56		\$17,324	\$250	151

PRELIMINARY DESIGN PHASE															
18	S	Pick-up surveys during preliminary design								1	4	8	1,559	50	13
19	S	Survey soil boring and utility pothole locations								1	2	4	847	50	7
20	S	Prepare and Submit land corner reference reports						2		2	2		526		6
21	U	Contact utility companies to verify records & locations		2					4				636		6
22	E	Prepare base sheets at 1"-20', field chk sheets		1	4				12				1,678		17
23	E	Prepare cover sheet, typical sections and general notes		1	2				4				734		7
24	E	Plot property owner info base maps		1	1				4				614		6
25	E	Prelim. Street alignment & grades, prepare P&P sheets	1	4	12	4			16				3,938		37
26	E	Prelim. cross sections, determine grading limits & conflicts		2	12				16				3,132		30
27	E	Prelim. driveway profiles (up to 55 add'l driveways)		4	6	8			8				2,696		26
28	E	Determine right-of-way and easement needs		1	4				4				974		9
29	E	Prelim. Erosion & Sediment Control plans		2	4				4				1,116		10
30	E	Prelim. street light plans		2			2		4				812		8
31	E	Coordination with geotech firm											0		0
32	U	Determine utility conflicts		2	4				4				1,116		10
33	U	Plan & conduct prelim. design utility meeting		1					2				318		3
34	P	Plan & conduct prelim. design neighborhood meeting (mtg #1)											0		0
35	E	Prelim. quantities & prepare opinion of probable cost		2	4	2		2					1,116		10

Tasks: A = All Disciplines; E = Engineering; S = Surveying; P = Public Involvement; D = Drainage	Job Titles									Tot Labor Costs	Other Direct Costs	Total MHs
	Principal	Project Manager	Project Engineer	Design Engineer	Design Tech.	Admin. Support	Land Surveyor	Survey Tech.	Survey Crew			
	170	142	120	88	88	42	135	86	135			

Summary of FINAL DESIGN By Type of Task

E = Engineering	2	36	63	36	76	0	0	1	0	22,954	175	214
P = Public Involvement	0	2	0	0	0	0	0	0	0	284	0	2
S = Surveying	0	2	4	8	0	0	20	9	6	5,752	170	49
D = Drainage	0	0	0	0	0	0	0	0	0	0	0	0
U = Utility Relocation	0	2	4	2	6	0	0	0	0	1,468	0	14
	2	42	71	46	82	0	20	10	6	\$30,458	\$345	279

BIDDING PHASE

70	E	Assist City with construction bidding process									0	150	0
71	U	Coordinate utility adjustments		2				4			636		6
72	E	Assist City with bid opening, bid review and bid award									0		0
73	E	Prepare a bid tabulation in printed and MS Excel format		2	2						524		4
74	E	Attend pre-construction conference									0		0
75	P	Plan and conduct pre-construction neighborhood meeting (mtg #3)									0		0
SUBTOTAL BIDDING			0	4	2	0	4	0	0	0	\$1,160	\$150	10

CONSTRUCTION PHASE

76	E	Review shop drawings		2	2						524		4
77	E	Attend Progress Mtgs (Assumes 1 mtg / mo. for 6 mo.)									0		0
78	E	Assist City with punch-list inspection		2							284		2
79	E	Prepare record drawings upon construction completion		2	4	8					1,468		14
80	E	Provide GIS 'as-built' deliverable		1	2	2					558		5
SUBTOTAL CONSTRUCTION			0	7	8	10	0	0	0	0	\$2,834	\$0	25

TOTAL			7	99	158	76	185	6	42	62	74	\$78,420	\$995	709
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CONTIGENCY

GRAND TOTAL														\$79,415
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SUMMARY BY TYPE OF TASK

E = Engineering														
Preliminary Study Phase	2	6	5	0	1	0	0	0	0	1,880	50	14		
Preliminary Design Phase	3	31	62	16	80	0	0	0	0	20,800	150	192		
Final Design Phase	2	36	63	36	76	0	0	1	0	22,954	175	214		
Bidding & Construction Phase	0	9	10	10	0	0	0	0	0	3,358	150	29		
SUBTOTAL Engineering	7	82	140	62	157	0	0	1	0	48,992	525	449		
P = Public Involvement	0	5	2	0	2	2	0	0	0	1,210	50	11		
S = Surveying	0	2	4	8	4	4	42	61	74	22,894	420	199		
D = Drainage	0	0	4	4	0	0	0	0	0	832	0	8		
U = Utility Relocation	0	10	8	2	22	0	0	0	0	4,492	0	42		
	7	99	154	72	185	6	42	62	74	78,420	995	701		

EXHIBIT 'B'
2014 Neighborhood Street Reconstruction Program
Assumptions and Project Schedule

Assumptions:

1. Design and construction documents to use English units.
2. Plans and contract documents for one construction project with single letting.
3. City of Overland Park will administer this project and it will follow the City's Project Procedures Manual.
4. Streets will use standard City residential rehab section.
5. Does not include any traffic calming analysis or measures.
6. Does not include any pavement design or pavement analysis or any life cycle cost analysis. Assumes standard City pavement sections will be used.
7. Does not include development or analysis of mix designs for pavement components.
8. City will provide ownership information by January 15, 2013.
9. Centerline staking will only be necessary immediately before utility relocations are to begin.
10. Assumes the project will be covered by a single NPDES Permit and one Stormwater Pollution Prevention Plan (SWPP).
11. Does not include any 404 Permit.
12. Does not include an environmental impact statement, historical or environmental analysis, or any identification of or mitigation for wetlands or other aquatic habitat.
13. Does not include any utility design, including any sanitary sewer (except lid adjustments) or water.
14. Does not include any streetscaping design or details.
15. Does not include construction monitoring
16. The City will provide any known or documented easements.
17. Does not include any time or expenses for the actual subsurface utility exploration "potholing".
18. Does not include any structural design of "special" storm sewer inlets or junction boxes.
19. Assumes no right-of-way; only drainage, sidewalk, utility, or temporary construction easements will require legal descriptions. Effort assumes strip easements on platted properties only.
20. Does not include resetting any property corners.
21. Does not include any septic or force main sewer system design.
22. Does not include any public involvement surveys or newsletters.
23. City will provide any necessary right-of-entry for surveys, geotechnical investigation, etc.
24. Does not include any ADA compliance review during Construction Services.
25. Does not include any structural design or special details for retaining walls.
26. Does not include any drainage design for a partial or total replacement of the existing storm sewer system .

Project Schedule:

2014 Neighborhood Streets Reconstruction Program	
Notice to Proceed	July 12, 2011
Council Approval of Addendum	December 3, 2012
Preliminary Engineering Study Phase	December 21, 2012
Preliminary Design Phase	March 22, 2013
Final Design Phase	October 18, 2013
Bidding Phase	January 2014
Construction Phase	March 2014