

March 3, 2016

SRF No. 9114

Ms. Cindy Voigt
City Engineer
CITY OF DULUTH
211 City Hall
411 W. 1st Street
Duluth, MN 55802

SUBJECT: KENWOOD ARROWHEAD SIGNAL AND ROADWAY IMPROVEMENTS
PROPOSED AMENDMENT #1
ADDITIONAL ROADWAY DESIGN AND RELATED TASKS

Dear Ms. Voigt:

Based on your request, this letter outlines a proposed amendment to the Professional Engineering Services Agreement for *Arrowhead, Kenwood & W Cleveland Street and Signal Improvements*, dated February 19, 2016. This amendment covers the addition of preliminary and final roadway design work and associated tasks.

SCOPE OF SERVICES

The following additions to the original scope of services are proposed:

1. General correspondence, internal SRF staff coordination, and external coordination with the City of Duluth, St. Louis County, local business owners and LHB (final roadway design subconsultant to SRF).
2. Preliminary and Final roadway design plans, specifications and engineer's estimate for a shared access for US Bank/Wells Fargo in the northeast corner of the Kenwood / Arrowhead intersection. The scope of this work is as generally shown in Attachment B. The new shared access will be a driveway off Warren Avenue. The design will include closure of two driveways on Arrowhead Road. The west entrance to Wells Fargo will be relocated as far north as is practical. The design will incorporate modifications to existing storm ponds that serve the US Bank site. Design of the pond modifications will comply with the City of Duluth Uniform Development Code storm water requirements associated with a redevelopment project.
3. Preliminary and Final roadway design plans, specifications and engineer's estimate for a full reconstruct of approximately 125 feet of the east leg of Cleveland Street at Kenwood Avenue. The scope of this work is as generally shown in Attachment C. The proposed roadway section will have curb and gutter on both sides of the street and a 4-foot sidewalk

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on the north side of the street only. The final curb-to-curb width will be 24 feet. Design of storm drainage improvements are included for the street section as well as for the SE corner of the Auto Ace site and for the NW corner of the Subway site. A sidewalk along Kenwood Avenue within an easement in front of the Auto Ace site is included. Plans will call for areas outside the right-of-way on either side of the road that are disturbed by the work to be restored to match existing surfacing. A concept design for the improvements is attached.

4. Preparation of an access easement exhibit and legal description for the shared US Bank/Wells Fargo driveway.
5. Preparation of an easement exhibit and legal description for the sidewalk on the Auto Ace Kenwood Avenue frontage.
6. Preparation of easement exhibits and legal descriptions for five temporary construction easements as follows:
 - a. Wells Fargo site
 - b. US Bank site
 - c. Auto Ace/Kenwood Muffler site
 - d. Kenwood Shopping Center site
 - e. Subway site
7. Boundary survey to establish the location of the right of way boundaries of Cleveland Street east of Kenwood Avenue.

ASSUMPTIONS

1. Any required additional topographic survey data will be provided by the City. We are able to provide these services if needed, upon request.
2. Landscape design is assumed to be limited to needed restoration of disturbed areas at the edge of the roadways/driveways with topsoil and sod, plus replacement of trees on a one-for-one basis. We are able to provide detailed landscape design services if requested.
3. Construction inspection services are not included. We are able to provide these services upon request.
4. All required geotechnical information will be provided by the City.

SCHEDULE

We will complete this work according to the schedule set forth in existing contract.

BASIS OF PAYMENT/BUDGET

We propose to complete the additional work for an estimated fee of **\$37,066.00**, billed in accordance with our current contract provisions. This fee would increase the current contract budget as follows:


Base contract (February 19, 2016).....	\$118,217.00
Current Budget	\$118,217.00
Proposed Amendment #1: Additional Roadway Design and Related Tasks	\$37,066.00
Proposed Budget	\$155,283.00


ACCEPTANCE/NOTICE TO PROCEED

A signed copy of this proposal, mailed or emailed to our office, will serve as acceptance of this proposal and our notice to proceed with work under the amended scope. The email address is nerpelding@srfconsulting.com.

Sincerely,

SRF CONSULTING GROUP, INC.


Nicholas J. Erpelding, P.E., PTOE
Senior Associate


Brian Johnson, P.E.
Project Advisor / Principal

NJE/BJ/nje

Attachments:

Attachment A – Cost Proposal

Attachment B – Concept Design for US Bank/Wells Fargo Shared Access Improvements

Attachment C – Concept Design for Cleveland Street East Leg Improvements

APPROVED:

(signature)

Name _____

Title _____

Date _____



ENGINEERS
PLANNERS
DESIGNERS



Project Name **Arrowhead/Kenwood Signal and Roadway Improvements
Amendment #1**

Client **City of Duluth**

SRF Project Number **9114**

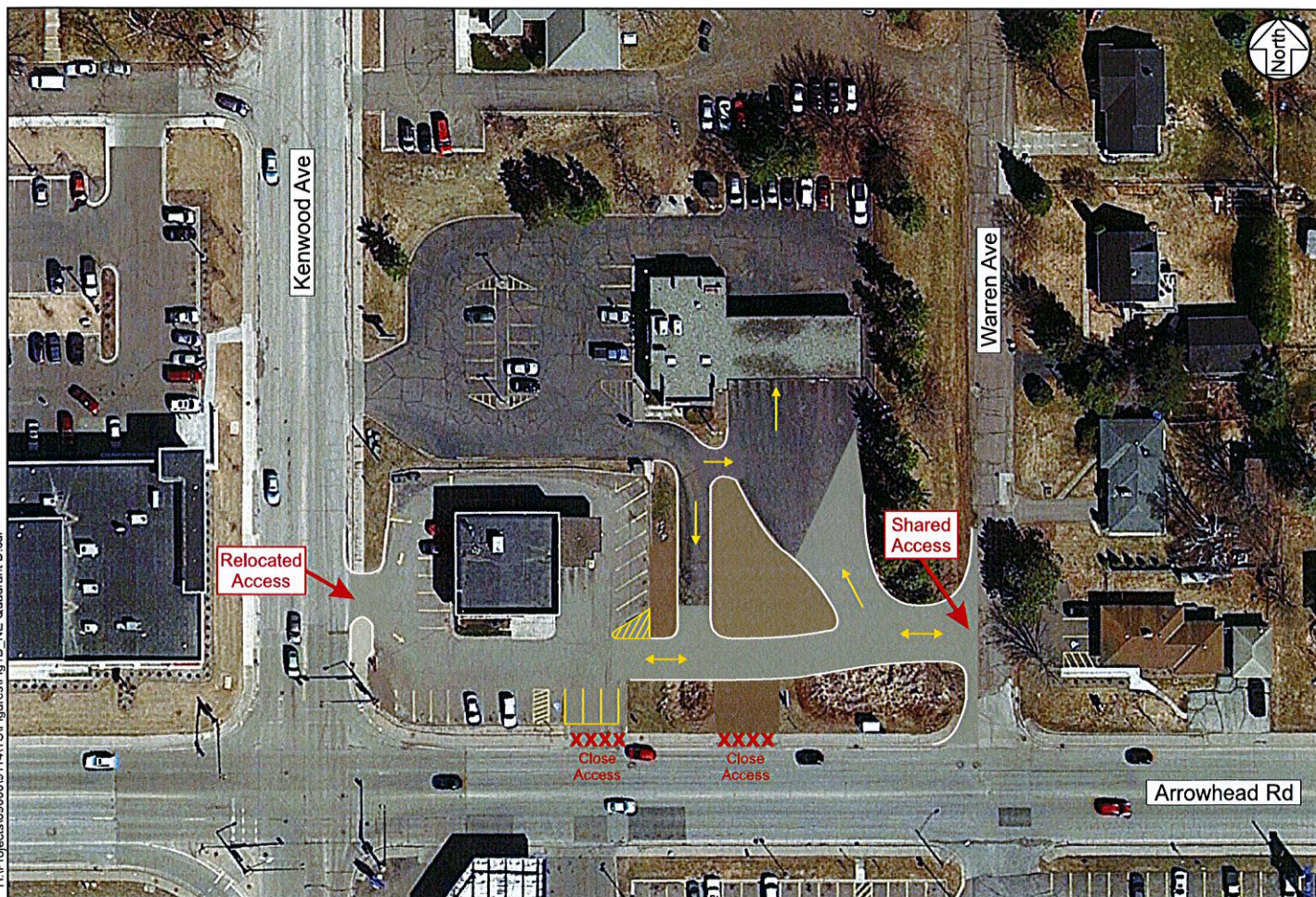
City Project No. **1468**

Date **3/3/2016**

**Attachment A
COST PROPOSAL**

Work Plan Task	Description	Project Advisor	Project Manager	Civil QA/QC	Civil Manager	Civil Engineer	Project Surveyor	Civil Designer	Civil Technician	Survey Technician	Admin Asst.	Total Labor Hours / Costs
		Brian Johnson	Nick Erpelding	Brad Scott	Dan Shaw	Nathan Bruno	Paul Vogel	Adam Beissel	Steve Hohenstein	Mike Zabukover	LHB Staff	(hours / \$)
		\$ 184	\$ 138	\$ 145	\$ 145	\$ 135	\$ 130	\$ 77	\$ 71	\$ 86	\$ 60	
1	Project Management	8	48	-	-	-	-	-	-	-	-	\$ 8,096
2	Easement Prep	-	-	-	-	-	24	-	-	36	-	\$ 6,216
3	Bank Shared Access Prelim/Final Design	-	-	2	9	32	-	36	54	4	1	\$ 12,925
4	Cleveland Street - East Leg Prelim/Final Design	-	-	2	5	16	-	36	47	-	-	\$ 9,284
SUBTOTAL		8	48	4	14	48	24	72	101	40	1	\$ 36,521
DIRECT COSTS												
Description		Cost										
Travel (mileage at \$0.565/mile)		\$ 70										
Mail / Delivery		\$ 25										
Supplies/ Printing at Cost		\$ -										
Survey Equipment		\$ 450										
Meals (@ \$10/meal)		\$ -										
Hotel (@ \$100/night)		\$ -										
Total Direct Costs		\$ 545										
										SUMMARY		
										Labor Cost	\$	36,521
										Direct Costs	\$	545
										Grand Total Est Costs	\$	37,066

H:\Projects\09000\09114\TSP\Figures\Fig 1D_NE Quadrant D.cdr



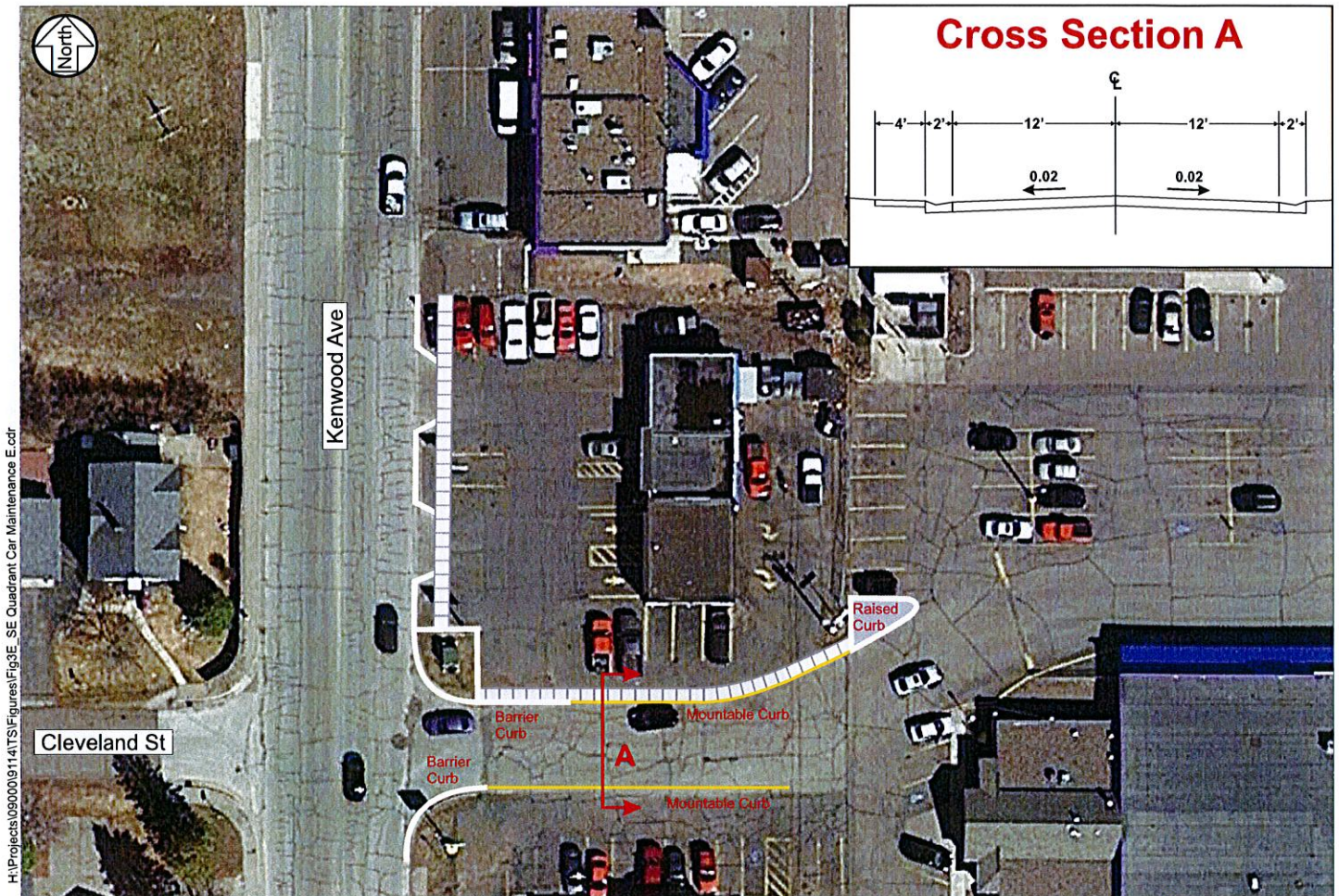
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February 2016

Potential Access Modifications - NE Quadrant - Alternative D

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Figure 1D

Attachment B



Potential Access Modifications - SE Quadrant Car Maintenance Site - Alternative E

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Figure 3E

0169114
February 2016

Attachment C