

Client: Friends of the Mississippi River
 Project: North Minneapolis Connections to Mississippi River --DRAFT--



TASK NO.	TASK DESCRIPTION	PRINCIPAL	SR. ASSOC.	ASSOCIATE	SR. PROF	PROF.	TECHNICAL	CLERICAL	TOTALS	EST. FEE
1.0	PROJECT MANAGEMENT									
1.1	Manage internal SRF project teams to ensure project is on schedule and within budget. Review monthly invoices.	1	4	0	0	0	0	0	5	\$667
1.2	One (1) progress meeting with Friends of the Mississippi River (FMR) staff to review plans and project.	0	2	0	0	0	0	0	2	\$246
	<u>SRF Deliverables:</u> Deliverables: Monthly invoices and status updates with earned value documentation; meeting minutes; records of phone conversations.									
	SUBTOTAL - TASK 1	1	6	0	0	0	0	0	7	\$913
2.0	PLYMOUTH AVENUE NORTH									
	<u>General Assumptions (for all seven focus areas):</u> - There will be no survey. All design will be based on 2-foot LIDAR data and other publicly accessible base data. - Client will provide existing right-of-way and other available design data. - Project extents for each crossing include bridge crossing and extending once block on either side of the bridge. - Cross-sections and construction profiles will not be included in the preliminary plans.									
2.1	Obtain digital City and County GIS right-of-way lines and include as necessary in the project basemap.	0	0	1	0	1	0	0	2	\$208
2.2	Develop existing Digital Terrain Model based on LIDAR data for use in design.	0	0	1	2	0	2	0	5	\$545
2.3	Perform Gopher State One Call Utility Design Locate and incorporate existing utility information into the project basemap.	0	0	0	2	0	0	0	2	\$200
2.4	Prepare planimetric basemaps showing known existing utilities, existing topography features, and right of way.	0	0	0	0	0	4	0	4	\$452
2.5	Develop preliminary bridge and roadway typical sections, alignments, and geometry for roadway corridor.	0	0	0	2	4	2	0	8	\$782
2.6	In AutoCAD, prepare preliminary plans (30% plans) which will include a geometric design with a general alignment and general location of geographic and environmental constraints, such as topography, wetlands and slopes, which will need to be addressed during construction. The alignment will be based on adjacent roadway centerline profile. - Title Sheet - General Layout - Typical Sections - Construction plan	0	1	0	2	6	2	0	11	\$1,083
2.7	Using Illustrator and Photoshop, add rendering and call out notes to preliminary plans.	0	0	2	2	0	0	0	4	\$438
2.8	Prepare preliminary engineer's estimate of construction costs based on the 30% design development plans.	0	1	0	1	0	0	0	2	\$223
	<u>SRF Deliverables (for all seven focus areas):</u> - 11x17 sheets for 30% plans in .pdf format									

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	- Preliminary engineer's estimate in Excel format provided as a .pdf									
	SUBTOTAL - TASK 2	0	2	4	11	11	10	0	38	\$3,931
3.0	WEST BROADWAY AVENUE									
3.1	Obtain digital City and County GIS right-of-way lines and include as necessary in the project basemap.	0	0	1	0	1	0	0	2	\$208
3.2	Develop existing Digital Terrain Model based on LIDAR data for use in design.	0	0	1	2	0	2	0	5	\$545
3.3	Perform Gopher State One Call Utility Design Locate and incorporate existing utility information into the project basemap.	0	0	0	2	0	0	0	2	\$200
3.4	Prepare planimetric basemaps showing known existing utilities, existing topography features, and right of way.	0	0	0	0	0	4	0	4	\$452
3.5	Develop preliminary bridge and roadway typical sections, alignments, and geometry for roadway corridor.	0	0	0	2	4	2	0	8	\$782
3.6	In AutoCAD, prepare preliminary plans (30% plans) which will include a geometric design with a general alignment and general location of geographic and environmental constraints, such as topography, wetlands and slopes, which will need to be addressed during construction. The alignment will be based on adjacent roadway centerline profile. - Title Sheet - General Layout - Typical Sections - Construction plan	0	1	0	2	6	2	0	11	\$1,083
3.7	Using Illustrator and Photoshop, add rendering and call out notes to preliminary plans.	0	0	2	2	0	0	0	4	\$438
3.8	Prepare preliminary engineer's estimate of construction costs based on the 30% design development plans.	0	1	0	1	0	0	0	2	\$223
	SUBTOTAL - TASK 3	0	2	4	11	11	10	0	38	\$3,931
4.0	26TH AVENUE NORTH									
4.1	Obtain digital City and County GIS right-of-way lines and include as necessary in the project basemap.	0	0	1	0	1	0	0	2	\$208
4.2	Develop existing Digital Terrain Model based on LIDAR data for use in design.	0	0	1	2	0	2	0	5	\$545
4.3	Perform Gopher State One Call Utility Design Locate and incorporate existing utility information into the project basemap.	0	0	0	2	0	0	0	2	\$200
4.4	Prepare planimetric basemaps showing known existing utilities, existing topography features, and right of way.	0	0	0	0	0	4	0	4	\$452
4.5	Develop preliminary bridge and roadway typical sections, alignments, and geometry for roadway corridor.	0	0	0	2	4	2	0	8	\$782
4.6	In AutoCAD, prepare preliminary plans (30% plans) which will include a geometric design with a general alignment and general location of geographic and environmental constraints, such as topography, wetlands and slopes, which will need to be addressed during construction. The alignment will be based on adjacent roadway centerline profile. - Title Sheet - General Layout	0	1	0	2	6	2	0	11	\$1,083

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	- Typical Sections									
	- Construction plan									
4.7	Using Illustrator and Photoshop, add rendering and call out notes to preliminary plans.	0	0	2	2	0	0	0	4	\$438
4.8	Prepare preliminary engineer's estimate of construction costs based on the 30% design development plans.	0	1	0	1	0	0	0	2	\$223
	SUBTOTAL - TASK 4	0	2	4	11	11	10	0	38	\$3,931
5.0	LOWRY AVENUE NORTH									
5.1	Obtain digital City and County GIS right-of-way lines and include as necessary in the project basemap.	0	0	1	0	1	0	0	2	\$208
5.2	Develop existing Digital Terrain Model based on LIDAR data for use in design.	0	0	1	2	0	2	0	5	\$545
5.3	Perform Gopher State One Call Utility Design Locate and incorporate existing utility information into the project basemap.	0	0	0	2	0	0	0	2	\$200
5.4	Prepare planimetric basemaps showing known existing utilities, existing topography features, and right of way.	0	0	0	0	0	4	0	4	\$452
5.5	Develop preliminary bridge and roadway typical sections, alignments, and geometry for roadway corridor.	0	0	0	2	4	2	0	8	\$782
5.6	In AutoCAD, prepare preliminary plans (30% plans) which will include a geometric design with a general alignment and general location of geographic and environmental constraints, such as topography, wetlands and slopes, which will need to be addressed during construction. The alignment will be based on adjacent roadway centerline profile.	0	1	0	2	6	2	0	11	\$1,083
	- Title Sheet									
	- General Layout									
	- Typical Sections									
	- Construction plan									
5.7	Using Illustrator and Photoshop, add rendering and call out notes to preliminary plans.	0	0	2	2	0	0	0	4	\$438
5.8	Prepare preliminary engineer's estimate of construction costs based on the 30% design development plans.	0	1	0	1	0	0	0	2	\$223
	SUBTOTAL - TASK 5	0	2	4	11	11	10	0	38	\$3,931
6.0	NORTH DOWLING AVENUE									
6.1	Obtain digital City and County GIS right-of-way lines and include as necessary in the project basemap.	0	0	1	0	1	0	0	2	\$208
6.2	Develop existing Digital Terrain Model based on LIDAR data for use in design.	0	0	1	2	0	2	0	5	\$545
6.3	Perform Gopher State One Call Utility Design Locate and incorporate existing utility information into the project basemap.	0	0	0	2	0	0	0	2	\$200
6.4	Prepare planimetric basemaps showing known existing utilities, existing topography features, and right of way.	0	0	0	0	0	4	0	4	\$452
6.5	Develop preliminary bridge and roadway typical sections, alignments, and geometry for roadway corridor.	0	0	0	2	4	2	0	8	\$782

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6.6	In AutoCAD, prepare preliminary plans (30% plans) which will include a geometric design with a general alignment and general location of geographic and environmental constraints, such as topography, wetlands and slopes, which will need to be addressed during construction. The alignment will be based on adjacent roadway centerline profile. - Title Sheet - General Layout - Typical Sections - Construction plan	0	1	0	2	6	2	0	11	\$1,083
6.7	Using Illustrator and Photoshop, add rendering and call out notes to preliminary plans.	0	0	2	2	0	0	0	4	\$438
6.8	Prepare preliminary engineer's estimate of construction costs based on the 30% design development plans.	0	1	0	1	0	0	0	2	\$223
SUBTOTAL - TASK 6		0	2	4	11	11	10	0	38	\$3,931
7.0	NORTH 41ST AVENUE/WASHINGTON AVENUE									
7.1	Obtain digital City and County GIS right-of-way lines and include as necessary in the project basemap.	0	0	1	0	1	0	0	2	\$208
7.2	Develop existing Digital Terrain Model based on LIDAR data for use in design.	0	0	1	2	0	2	0	5	\$545
7.3	Perform Gopher State One Call Utility Design Locate and incorporate existing utility information into the project basemap.	0	0	0	2	0	0	0	2	\$200
7.4	Prepare planimetric basemaps showing known existing utilities, existing topography features, and right of way.	0	0	0	0	0	4	0	4	\$452
7.5	Develop preliminary bridge and roadway typical sections, alignments, and geometry for roadway corridor.	0	0	0	2	4	2	0	8	\$782
7.6	In AutoCAD, prepare preliminary plans (30% plans) which will include a geometric design with a general alignment and general location of geographic and environmental constraints, such as topography, wetlands and slopes, which will need to be addressed during construction. The alignment will be based on adjacent roadway centerline profile. - Title Sheet - General Layout - Typical Sections - Construction plan	0	1	0	2	6	2	0	11	\$1,083
7.7	Using Illustrator and Photoshop, add rendering and call out notes to preliminary plans.	0	0	2	2	0	0	0	4	\$438
7.8	Prepare preliminary engineer's estimate of construction costs based on the 30% design development plans.	0	1	0	1	0	0	0	2	\$223
SUBTOTAL - TASK 7		0	2	4	11	11	10	0	38	\$3,931
8.0	42ND AVENUE NORTH									
8.1	Obtain digital City and County GIS right-of-way lines and include as necessary in the project basemap.	0	0	1	0	1	0	0	2	\$208
8.2	Develop existing Digital Terrain Model based on LIDAR data for use in design.	0	0	1	2	0	2	0	5	\$545

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8.3	Perform Gopher State One Call Utility Design Locate and incorporate existing utility information into the project basemap.	0	0	0	2	0	0	0	2	\$200
8.4	Prepare planimetric basemaps showing known existing utilities, existing topography features, and right of way.	0	0	0	0	0	4	0	4	\$452
8.5	Develop preliminary bridge and roadway typical sections, alignments, and geometry for roadway corridor.	0	0	0	2	4	2	0	8	\$782
8.6	In AutoCAD, prepare preliminary plans (30% plans) which will include a geometric design with a general alignment and general location of geographic and environmental constraints, such as topography, wetlands and slopes, which will need to be addressed during construction. The alignment will be based on adjacent roadway centerline profile. - Title Sheet - General Layout - Typical Sections - Construction plan	0	1	0	2	6	2	0	11	\$1,083
8.7	Using Illustrator and Photoshop, add rendering and call out notes to preliminary plans.	0	0	2	2	0	0	0	4	\$438
8.8	Prepare preliminary engineer's estimate of construction costs based on the 30% design development plans.	0	1	0	1	0	0	0	2	\$223
SUBTOTAL - TASK 8		0	2	4	11	11	10	0	38	\$3,931
TOTAL ESTIMATED PERSON-HOURS		1	20	28	77	77	70	0	273	
AVERAGE HOURLY BILLING RATES		\$175	\$123	\$119	\$100	\$89	\$113	\$68		
ESTIMATED LABOR AND OVERHEAD		\$175	\$2,460	\$3,332	\$7,700	\$6,853	\$7,910	\$0		\$28,430
ESTIMATED DIRECT NON-SALARY EXPENSES										\$48
TOTAL ESTIMATED FEE										\$28,478

ESTIMATE OF DIRECT NON-SALARY EXPENSES:

MILEAGE:	Personal Vehicles	80	Miles @	\$0.535	\$43
REPRODUCTION:	Copy Duplication	50	Copies @	\$0.10	\$5
	Color Copies	0	Copies @	\$0.35	\$0
	Bond Prints	0	Prints @	\$6.00	\$0
	Mylar Prints	0	Prints @	\$12.00	\$0
COURTHOUSE COPIES:		0	Copies @	\$1.00	\$0
PRINTING:					\$0
SUPPLIES:					\$0
COMMUNICATIONS:	Mail, Express, Etc.				\$0
	Cell Phone Charges	0	Minutes @	\$0.30	\$0
SUBCONSULTANTS:					\$0
ESTIMATED DIRECT NON-SALARY EXPENSES					\$48