

AGENDA
PUBLIC WORKS COMMISSION
CITY OF CROSSLAKE
MONDAY, APRIL 4, 2022
4:00 P.M. – CITY HALL

1. Call to Order
2. Approve Minutes of March 7, 2022 (Motion)
3. Memo dated March 25, 2022 from Phil Martin Re: CSAH 66 Improvements Update
4. Memo dated March 29, 2022 from Phil Martin Re: 2022 Road Improvement Project Bid Recommendation (Motion)
5. Discuss Type of 5-Year Capital Plan to Complete (simple or with new road ratings)
6. Review Quote for Crack Sealing from Kamco
7. Review Quote from Trana Masonry for 30x80 Garage Slab for Oxidation Ditch Bldg
8. Other Business That May Arise
9. Adjourn

Crosslake Public Works

Meeting Minutes

March 7, 2022

Present: Tom Swenson, Mic Tchida, Gordon Wagner and Bob Frey .Council Dave Nevin,
Marcia Seibert-Volz and Aaron Herzog. Public Works Dir. Ted Strand City
Engineer Phil Martin
4 PM Public Works Shop

1. **Approval of February Minutes 7 2022. All Yes**
2. **Engineering Service Fee Approval.**

Motion to the Council to approve Service contract to finish sewer expansion. First by Frey and second Wagner. All in favor

3. **Update from Phil Martin, Memo dated March 2, 2022**

CASH 66 improvements; contract, easements and assessment A long discussion follow. Frey ask about grants and loans for improvements. Phil ,a lot of these we don't qualify for he would look into it.

2022 Street Improvements; bidding on Tue, 3/22/22 at 10:00AM

4. **Tour of Facilities followed**



Ted Strand



**BOLTON
& MENK**

Real People. Real Solutions.

MEMORANDUM

Date: March 25, 2022
To: Ted Strand, Public Works Director; Mike Lyonais, City Administrator
From: Phil Martin, PE
Subject: Public Works and Council Update

CSAH 66 Improvements

The City Council directed staff to review options to reduce the assessed amount closer to the 20% minimum of project cost (\$2,537,180) or potential bonding amounts and transfer more costs to the general fund. As a result, we reviewed and prepared the attached scenarios that were provided in summary form to the Public Works Committee at their March 7, 2022 meeting. The scenarios are described below and summarized in the table that follows:

- 1: Base: 9/2021 Improvement Hearing – This reflects the information that was presented to the public for comment prior to the City Council direction to conduct public bidding of the improvements.
- 1a: Base w/ lot and stormwater adjustment – This reflects adjustment of the 9/2021 Improvement Hearing mock assessment to reduce the Log Church area to westerly 350' on the south parcel (extent of parking lot) and to remove the easement area at the Log Church parcel and the Simonson Lumber parcel from assessment consideration.
- 2: Scenario 1a adjustments and reflects assessment of 20% of a \$2.1 M bond which is the total project cost minus the BWSR Grant and ARPA Funds.
- 3: Scenario 1a adjustments and reflects assessment of 20% of a \$1.5 M bond which is the total project cost minus the BWSR Grant, ARPA Funds, and the anticipated County contribution in 2024. The validity of this assessment scenario to meet statute requirements should be verified in writing by the City's bond consul.

Assessment Scenario (Cost Basis)	Amount Assessed	Assessment Rate	
		Residential	Non-residential
1: Base from 9/2021 (\$2,537,180)	\$594,023.15 (23.4%)	\$7,000	\$0.35/sq ft
1a: 9/2021 Base adjusted (\$2,537,180)	\$579,920.60 (22.8%)	\$7,000	\$0.35/sq ft
2: Scenario 1a adjusted (\$2.1 M Bond)	\$425,598.16 (20.3%)	\$5,000	\$0.26/sq ft
3: Scenario 1a adjusted (\$1.5 M bond)	\$307,014.04 (20.5%)	\$3,500	\$0.19/sq ft

The next steps are for the Council to set a date for the Final Assessment hearing (if not already done) and select an assessment scenario for City staff to use to provide individual property notice of proposed assessment. This assessment scenario selection would require at least a four-fifths vote and could be done at the regular Council meeting in April, or sooner if the City desires.

At the Final Assessment hearing in May, the Council would take input. Those opposed to their assessment would need to provide their opposition in writing at or before the meeting to preserve their right to appeal to District Court as prescribed by Statute 429. Based on the input received, the Council could make modifications and adopt the final assessment roll, or adopt the final assessment roll as presented in the selected assessment scenario. We understand that the decision to adopt the final assessment roll would require a simple majority (three-fifths) vote and once completed would trigger the 30-day period for those that properly provided their opposition to appeal their assessment to District Court.

From our perspective, all the assessment scenarios are defensible based on the opinion of market value benefit the City received as they began to develop this improvement. However, assessment scenario 1a: implements an assessment rate that falls within the opinion of market value benefit range that were originally identified and results in an assessed proportion closer to the 25% threshold recommended by the City's bond consul. We believe this result is consistent with the City assessment policy and will provide a strong basis for the City of Crosslake as they move forward with other future capital improvements throughout the City.

2022 Street Improvements

Bids were opened on Tuesday, March 22, 2022 and the City received two bids. The low bidder on the project was Anderson Brothers construction company. Their bid was \$661,525. The Engineer's Estimate for the work was \$720,000. Since the City is familiar with Anderson Brothers, we will be providing a recommendation to accept their bid.

Mock Assessment Determination														
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27	14080623	WC	Moonlite Bay LLC		\$	0.09	\$	-	\$	0.35	2.6		\$	39,639.60	\$	39,639.60		\$	6,500	TBD
28	14080624	WC	Moonlite Bay LLC		\$	0.09	\$	-	\$	0.35	0.81		\$	12,349.26	\$	12,349.26		\$	6,500	TBD
29	14080627	LC	Moonlite Holdings LLC		\$	0.09	\$	-	\$	0.35	1.74		\$	26,528.04	\$	26,528.04		\$	6,500	TBD
30	14080643	LC	Moonlite Holdings LLC		\$	0.09	\$	-	\$	0.35	0.57		\$	8,690.22	\$	8,690.22		\$	6,500	TBD
31	14080656	S	Beyer, Robert		\$	3,500.00	\$	-	\$	7,000.00	5.4	2	\$	14,000.00	\$	14,000.00		\$	4,000	TBD
32	14080655	S	Geneux, Stephen A & Barbara J		\$	3,500.00	\$	-	\$	7,000.00	5.1	1	\$	7,000.00	\$	7,000.00		\$	4,000	TBD
33	14080634	LC	Fraser, Leo & Doris Trustees		\$	0.09	\$	-	\$	0.35	4.23		\$	64,490.58	\$	64,490.58		\$	6,500	TBD
34	14080633	LC	Fraser, Leo & Doris Trustees		\$	0.09	\$	-	\$	0.35	0		\$	-	\$	-		\$	6,500	TBD
35	14080620	LC	Double B Holdings, LLC		\$	0.09	\$	-	\$	0.35	4.32		\$	65,862.72	\$	65,862.72		\$	6,500	TBD
36	14080632	S	Olson, Katie		\$	2,750.00	\$	-	\$	7,000.00	0.56	1	\$	7,000.00	\$	7,000.00		\$	4,000	TBD
37	14080631	S	Kyle Family Limited Partnership		\$	2,750.00	\$	-	\$	7,000.00	0.51	1	\$	7,000.00	\$	7,000.00		\$	4,000	TBD
38	14080630	S	Stanaitis, Florence J Trust		\$	2,750.00	\$	-	\$	7,000.00	0.46	1	\$	7,000.00	\$	7,000.00		\$	4,000	TBD
39	14080629	S	Stanaitis, Florence		\$	2,750.00	\$	-	\$	7,000.00	0.4	1	\$	7,000.00	\$	7,000.00		\$	4,000	TBD
40	14080628	P	City of Crosslake		\$	0.09	\$	-	\$	0.13	0		\$	-	\$	-		\$	4,000	TBD
41	14080599	LC	61 Marine & Sports North, LLC		\$	0.09	\$	-	\$	0.35	1.66		\$	25,308.36	\$	25,308.36		\$	6,500	TBD
42	14080598	LC	Schmelz, Paul & Boller, Jamie		\$	0.09	\$	-	\$	0.35	0.55		\$	8,385.30	\$	8,385.30		\$	6,500	TBD
43	14080597	LC	Peak Partners LLC		\$	0.09	\$	-	\$	0.35	0.96		\$	14,636.16	\$	14,636.16		\$	6,500	TBD
44	14090503	LC	Kreitz-Clow, Eva Marie		\$	0.09	\$	-	\$	0.35	0.89		\$	13,568.94	\$	13,568.94		\$	6,500	TBD
45																				
46																				
														Total Assessed Amount		\$	594,023.15		\$	-
																		</		

Mock Assessment Determination												

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35	14080620	LC	Double B Holdings, LLC		\$	0.09	\$	-	\$	0.35	4.18		\$	63,728.28	\$	63,728.28		\$	6,500	TBD					
36	14080632	S	Olson, Katie		\$	2,750.00	\$	-	\$	7,000.00	0.56	1	\$	7,000.00	\$	7,000.00		\$	4,000	TBD					
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Real People. Real Solutions.

4.
7656 Design Road
Suite 200
Baxter, MN 56425-8676

Ph: (218) 825-0684
Fax: (218) 825-0685
Bolton-Menk.com

March 29, 2022

Mike Lyonais, Crosslake City Administrator
13888 Daggett Bay Road
Crosslake, MN 56442

RE: 2022 City Road Improvement Project – Bid Recommendation

Dear Mike:

Bids were opened on March 22, 2022, at 10:00 a.m. for the 2022 City Road Improvement Project in the City of Crosslake. Two (2) bids were received from the companies listed below (see Bid Abstract).

Company	Bid Amount
Anderson Brothers Construction Co.	\$661,525.65
Knife River Corporation	\$772,600.95
<i>Engineer's Estimate</i>	<i>\$719,392.50</i>

Bolton & Menk and the City are familiar with Anderson Brothers Construction Company, from other similar work. As a result, we believe Anderson Brothers Construction Company to be the low responsive, responsible bidder. We recommend award to Anderson Brothers Construction Company in the amount of \$661,525.65.

Based on the City's assessment policy, the City can schedule the Final Assessment Hearing now, prior to actual award of the low bid, or award the low bid and hold the Final Assessment Hearing at a later date. The assessment to property owners is independent of the actual construction cost.

Based on our understanding of the proposed improvements we recommend the City award to the low bidder and proceed with scheduling the final assessment hearing.

If you have any questions, please contact me at 218-821-7265.

Sincerely,
Bolton & Menk, Inc.

Phil Martin, PE
Principal Engineer

Cc: *Abstract of Bids*

BID ABSTRACT

CROSSLAKE, MN
2022 CITY ROAD IMPROVEMENT PROJECT
BMI PROJECT NO. B1124577
BID OPENING: 3/22/2022 at 10:00 a.m.

ITEM NO.	ITEM	APPROX. QUANT.	UNIT	Engineer Estimate		1 Anderson Brothers Brainerd, MN		2 Knife River Sauk Rapids, MN	
				UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
SCHEDULE 1: 2022 ROAD IMPROVEMENT PROJECT (RUSHMOOR BLVD & TRAIL AND BIRCH NARROWS ROAD)									
1	MOBILIZATION	1	LUMP SUM	\$26,000.00	\$26,000.00	\$15,500.00	\$15,500.00	\$25,000.00	\$25,000.00
2	CLEARING & GRUBING	0.1	ACRE	\$33,000.00	\$3,300.00	\$11,847.72	\$1,184.77	\$12,500.00	\$1,250.00
3	REMOVE BITUMINOUS PAVEMENT	7707	SQ YD	\$3.50	\$26,974.50	\$3.75	\$28,901.25	\$3.25	\$25,047.75
4	REMOVE CONCRETE DRIVEWAY	42	SQ YD	\$15.00	\$630.00	\$4.00	\$168.00	\$12.00	\$504.00
5	FULL DEPTH RECLAMATION (4")	6915	SQ YD	\$3.50	\$24,202.50	\$2.40	\$16,596.00	\$3.00	\$20,745.00
6	REMOVE MAILBOX SUPPORT	100	EACH	\$80.00	\$8,000.00	\$26.40	\$2,640.00	\$25.00	\$2,500.00
7	REMOVE PIPE CULVERT	50	LIN FT	\$20.00	\$1,000.00	\$12.65	\$632.50	\$11.75	\$587.50
8	SALVAGE SIGN	3	EACH	\$50.00	\$150.00	\$52.80	\$158.40	\$50.00	\$150.00
9	SALVAGE & REINSTALL RECLAIM MATERIAL (EV) (P)	300	CU YD	\$20.00	\$6,000.00	\$15.85	\$4,755.00	\$10.35	\$3,105.00
10	COMMON EXCAVATION (EV) (P)	2130	CU YD	\$13.00	\$27,690.00	\$9.75	\$20,767.50	\$12.50	\$26,625.00
11	SUBGRADE EXCAVATION	320	SQ YD	\$30.00	\$9,600.00	\$10.30	\$3,296.00	\$11.25	\$3,600.00
12	SELECT GRANULAR BORROW (LV)	650	CU YD	\$15.00	\$9,750.00	\$17.80	\$11,570.00	\$15.50	\$10,075.00
13	TOPSOIL BORROW (LV)	400	CU YD	\$35.00	\$14,000.00	\$47.00	\$18,800.00	\$42.00	\$16,800.00
14	AGGREGATE SURFACING (CV), CLASS 5	77	CU YD	\$35.00	\$2,695.00	\$30.00	\$2,310.00	\$62.00	\$4,774.00
15	AGGREGATE BASE (CV) (P), CLASS 5	1430	CU YD	\$30.00	\$42,900.00	\$35.00	\$50,050.00	\$48.00	\$68,640.00
16	AGGREGATE BASE (LV), CLASS 5	200	CU YD	\$35.00	\$7,000.00	\$30.00	\$6,000.00	\$39.00	\$7,800.00
17	AGGREGATE SHOULDERING (CV), CLASS 1	206	CU YD	\$65.00	\$13,390.00	\$51.00	\$10,506.00	\$72.00	\$14,832.00
18	TYPE SP 9.5, NONWEARING COURSE MIXTURE (2,C)	1600	TON	\$79.00	\$126,400.00	\$77.00	\$123,200.00	\$92.00	\$147,200.00
19	TYPE SP 9.5, WEARING COURSE MIXTURE (2,C)	1200	TON	\$80.00	\$96,000.00	\$79.50	\$95,400.00	\$94.00	\$112,800.00
20	BITUMINOUS DRIVEWAY PATCH	990	SQ YD	\$30.00	\$29,400.00	\$21.24	\$20,815.20	\$39.00	\$38,220.00
21	12" RC PIPE CULVERT	52	LIN FT	\$80.00	\$4,160.00	\$90.59	\$4,710.68	\$59.15	\$3,075.80
22	12" RC PIPE APRON	2	EACH	\$1,500.00	\$3,000.00	\$871.00	\$1,742.00	\$879.00	\$1,758.00
23	12" CAS PIP CULVERT	42	LIN FT	\$50.00	\$2,100.00	\$65.75	\$2,761.50	\$54.00	\$2,268.00
24	12" CAS PIPE APRON	2	LIN FT	\$1,000.00	\$2,000.00	\$343.15	\$686.30	\$433.00	\$866.00
25	CONCRETE CURB & GUTTER DESIGN D418	125	LIN FT	\$35.00	\$4,375.00	\$29.40	\$3,675.00	\$28.00	\$3,500.00
26	CONCRETE DRIVEWAY PAVEMENT (6")	60	SQ YD	\$80.00	\$4,800.00	\$97.65	\$5,859.00	\$93.00	\$5,580.00
27	TRAFFIC CONTROL	1	LUMP SUM	\$2,500.00	\$2,500.00	\$2,310.00	\$2,310.00	\$2,000.00	\$2,000.00
28	STABILIZED CONSTRUCTION EXIT	1	LUMP SUM	\$2,500.00	\$2,500.00	\$765.40	\$765.40	\$1,000.00	\$1,000.00
29	INLET PROTECTION	2	EACH	\$300.00	\$600.00	\$158.35	\$316.70	\$150.00	\$300.00
30	SILT FENCE, MACHINE SLICED	707	LIN FT	\$3.50	\$2,474.50	\$2.40	\$1,696.80	\$2.25	\$1,590.75
31	SEED, FERTILIZE, HYDRAULIC MATRIX	1	ACRE	\$10,000.00	\$8,700.00	\$5,518.60	\$4,801.16	\$5,300.00	\$4,611.00
32	SEDIMENT CONTROL LOG TYPE WOOD CHIP	422	LIN FT	\$5.00	\$2,110.00	\$5.25	\$2,215.50	\$5.00	\$2,110.00
33	MAIL BOX SUPPORT	100	EACH	\$90.00	\$9,000.00	\$103.45	\$10,345.00	\$98.00	\$9,800.00
34	MAIL BOX (TEMPORARY)	1	LUMP SUM	\$2,000.00	\$2,000.00	\$1,055.75	\$1,055.75	\$1,000.00	\$1,000.00
35	SIGN TYPE C	2	EACH	\$300.00	\$600.00	\$211.15	\$422.30	\$200.00	\$400.00
36	INSTALL SIGN	3	EACH	\$200.00	\$600.00	\$95.00	\$285.00	\$90.00	\$270.00
TOTAL SCHEDULE 1:				\$526,601.50		\$476,898.73		\$570,384.80	
SCHEDULE 2: 2020 ROAD IMPROVEMENT PROJECT (WILD WIND RANCH DRIVE)									
37	MOBILIZATION	1	LUMP SUM	\$8,000.00	\$8,000.00	\$11,205.00	\$11,205.00	\$13,000.00	\$13,000.00
38	REMOVE MAILBOX SUPPORT	9	EACH	\$60.00	\$540.00	\$26.40	\$237.60	\$25.00	\$225.00
39	REMOVE PIPE CULVERTS	120	LIN FT	\$13.00	\$1,560.00	\$12.65	\$1,518.00	\$11.75	\$1,410.00
40	REMOVE METAL CULVERT	35	LIN FT	\$12.00	\$420.00	\$12.65	\$442.75	\$8.50	\$297.50
41	REMOVE BITUMINOUS PAVEMENT	142	SQ YD	\$5.00	\$710.00	\$2.75	\$390.50	\$6.50	\$923.00
42	GEOTEXTILE FABRIC TYPE 5	4000	SQ YD	\$1.75	\$7,000.00	\$3.15	\$12,600.00	\$3.00	\$12,000.00
43	COMMON EXCAVATION (EV) (P)	1688	CU YD	\$20.00	\$33,760.00	\$9.75	\$16,408.00	\$13.50	\$25,488.00
44	SELECT GRANULAR BORROW (CV) (P)	1340	CU YD	\$20.00	\$26,800.00	\$17.80	\$23,852.00	\$16.30	\$21,842.00
45	AGGREGATE SURFACING (CV) CLASS 5	30	TON	\$25.00	\$750.00	\$30.00	\$900.00	\$41.00	\$1,230.00
46	AGGREGATE BASE (CV) CLASS 5	340	CU YD	\$38.00	\$12,920.00	\$42.00	\$14,280.00	\$51.00	\$17,340.00
47	FULL DEPTH RECLAMATION	3466	SQ YD	\$1.00	\$3,466.00	\$2.40	\$8,318.40	\$3.80	\$13,170.80
48	TYPE SP 9.5 WEARING COURSE MIXTURE (2,C)	540	TON	\$85.00	\$45,900.00	\$78.00	\$42,160.00	\$94.00	\$50,760.00
49	6" CAS PIPE APRON	8	EACH	\$255.00	\$2,040.00	\$369.50	\$2,956.00	\$444.00	\$3,552.00
50	15" CAS PIPE APRON	1	EACH	\$260.00	\$260.00	\$401.20	\$401.20	\$437.00	\$437.00
51	6" CAS PIPE CULVERT	120	LIN FT	\$30.00	\$3,600.00	\$63.35	\$7,602.00	\$41.30	\$4,956.00
52	15" CAS PIPE CULVERT	64	LIN FT	\$45.00	\$2,880.00	\$68.60	\$4,390.40	\$58.40	\$3,737.60
53	CONSTRUCT DRAINAGE STRUCTURE DESIGN SD-48	7	LIN FT	\$950.00	\$6,630.50	\$881.00	\$6,334.39	\$900.00	\$6,471.00
54	NEENAH R4340-A BEEHIVE FRAME AND GRATE	2	EACH	\$875.00	\$1,750.00	\$1,319.65	\$2,639.30	\$1,000.00	\$2,000.00
55	MAIL BOX SUPPORT	9	EACH	\$95.00	\$765.00	\$103.45	\$931.05	\$120.00	\$1,080.00
56	MAIL BOX (TEMPORARY)	1	LUMP SUM	\$2,000.00	\$2,000.00	\$211.15	\$211.15	\$200.00	\$200.00
57	STABILIZED CONSTRUCTION EXIT	1	LUMP SUM	\$1,200.00	\$1,200.00	\$765.00	\$765.00	\$1,000.00	\$1,000.00
58	STORM DRAIN INLET PROTECTION	2	EACH	\$165.00	\$330.00	\$158.35	\$316.70	\$150.00	\$300.00
59	SILT FENCE, TYPE MS	275	LIN FT	\$5.00	\$1,375.00	\$2.40	\$660.00	\$2.25	\$618.75
60	SEDIMENT CONTROL LOG TYPE STRAW	260	LIN FT	\$4.50	\$1,170.00	\$3.70	\$962.00	\$3.50	\$910.00
61	SCREENED TOPSOIL BORROW (LV)	360	CU YD	\$45.00	\$16,200.00	\$47.00	\$16,920.00	\$42.00	\$15,120.00
62	FERTILIZER TYPE 1	100	POUND	\$1.00	\$100.00	\$1.05	\$105.00	\$1.00	\$100.00
63	EROSION CONTROL BLANKET CATEGORY 3N	77	SQ YD	\$3.50	\$269.50	\$5.30	\$408.10	\$5.00	\$385.00
64	TURF REINFORCEMENT MAT CATEGORY 1	12	SQ YD	\$15.00	\$180.00	\$47.50	\$570.00	\$45.00	\$540.00
65	SEEDING	1	ACRE	\$1,100.00	\$550.00	\$1,055.75	\$527.88	\$1,000.00	\$500.00
66	SEED MIXTURE 25-121	30	POUND	\$4.00	\$120.00	\$7.40	\$222.00	\$7.00	\$210.00
67	SEED MIXTURE 25-151	100	POUND	\$4.00	\$400.00	\$5.30	\$530.00	\$5.00	\$500.00
68	HYDRAULIC REINFORCED FIBER MATRIX	2250	POUND	\$2.50	\$5,625.00	\$1.05	\$2,362.50	\$0.85	\$1,912.50
TOTAL SCHEDULE 2:				\$192,791.00		\$184,626.92		\$202,216.15	
BID TOTAL (SCHEDULE 1 + SCHEDULE 2):				\$719,392.50		\$661,525.65		\$772,600.95	

KAMCO Inc.

23524 735th Ave
Dassel, MN 55325
320-221-5256

Quote

Date	Quote #
3/31/2022	201727

Name / Address
City of Crosslake 37028 County Road 66 Crosslake, MN 56442

Rep		Project	
Description		Qty	Total
Mastic City streets as discussed on map to include Pioneer Dr. Swan. Ostlund, Bald Eagle Trl, Kimball Rd. Velvet, Bonnie Lk Rd, Bonnie Lk Trl, Bonnie Lk Ln. Tamarack Rd, Tamarack Trl, Shamrock Rd, Red Pine Rd. Sleepy Valley Rd. Greer Lk Rd, Big Pine Trl, Sunrise Island Rd, Daggett / Dream island, White Fish, Wild wood Trl, Wild Wood Dr, and Whitebirch Ln			0.00
Crack Seal city Parking lots Community Center, City Hall. Fire Station / Old City Hall, and Stripmall			50,000.00
Thank you Ken Tormanen 612-508-3904		Total	
		\$50,000.00	

Trana Masonry Inc.

34088 County Road 3
Crosslake, MN 56442
Office: (218) 692-3208 Cell: (218) 851-6388
Email: TranaMasonry@gmail.com



Estimate
TRANA
— MASONRY INC —

Name / Address

City of Crosslake
13888 Daggett Bay Road
Crosslake, MN 5644

Date 3/27/2022

Estimate # 2046

Telephone Number

Ted (218) 820-3...

Directions to Job/Notes

Garage near South part of town.

Job Description

Garage 30' x 80'

Description

4" Garage slab @ 4,000 psi (square foot)
- 1/2" Rebar 4' on center

Quantity

Unit Rate

Unit Total

2,400

4.40

10,560.00

Options if customer desires.

They are included in the total price but can be eliminated if not desired

Grooves or cutting concrete (lineal foot)
- 10' squares

370

1.25

462.50

Adding an extra 1" of concrete

2,400

0.60

1,440.00

This estimate is valid for 30 after this quote. All prices are subject to change due to fluctuation in materials or component prices. Any deviation of order such as changes in quantity, specifications or drawings are subject to price adjustments.

Balance due net 15 days upon job completion.

Grand Total

\$12,462.50

Date ____/____/____ **Signature** _____ **Title** _____