



EDA STAFF REPORT Blue Line Extension Quarterly Update

FROM: John Sutter, Community Development Director

DATE: April 12, 2018

TO: Anne Norris, City Manager (for April 17 Council work session)

SUBJECT: Quarterly Blue Line Extension (Bottineau LRT) Project Update and Master Funding Agreement

PROJECT UPDATE

- BNSF has requested copies of the 90% plans for review
- Recently adopted federal budget includes increased funding for the FTA for “New Starts” projects like the BLX
- No official change to anticipated timeline, but BLX no longer expects to open for service by 2022

MASTER FUNDING AGREEMENT

Metro Transit is required by FTA to enter into a Master Funding Agreement with each city along the line as well as the county and MnDOT. The Master Funding Agreement establishes the framework for the following types of cost participation:

1. Metro Transit pays for construction of a BLX facility that is part of another agency’s project
 - Example: West Broadway reconstruction (Brooklyn Park/Henn Co)
 - Not applicable in Crystal
2. Another agency pays Metro Transit for construction of their facility that is being built as part of the BLX project
 - Only one such facility in Crystal: June Avenue water main south of 36th
 - See next page and attachments for details
3. Metro Transit pays for inspection services provided in-house by another agency
 - Crystal will be reimbursed for city staff field inspection time but the amount is not expected to be significant

The Master Funding Agreement was discussed in general terms at the January update. Since then:

- Staff and the city attorney reviewed the proposed agreement and coordinated their response with Robbinsdale
- The project office informed staff that a 6% design fee will be charged in addition to the 3% administration fee

Each item will have a separate Subordinate Funding Agreement as the project gets further along.

JUNE AVENUE WATERMAIN

The project office estimates the total cost to the city to be \$129,241:

103,104	Construction
+ 15,446	15% contingency
=118,569	Construction Subtotal
+ 3,557	3% administrative fee
+ 7,114	6% design fee
=129,241	Estimated Total Cost to City

The plan sheet and detailed cost estimate are attached. This is the type of detail that would be included in a Subordinate Funding Agreement.

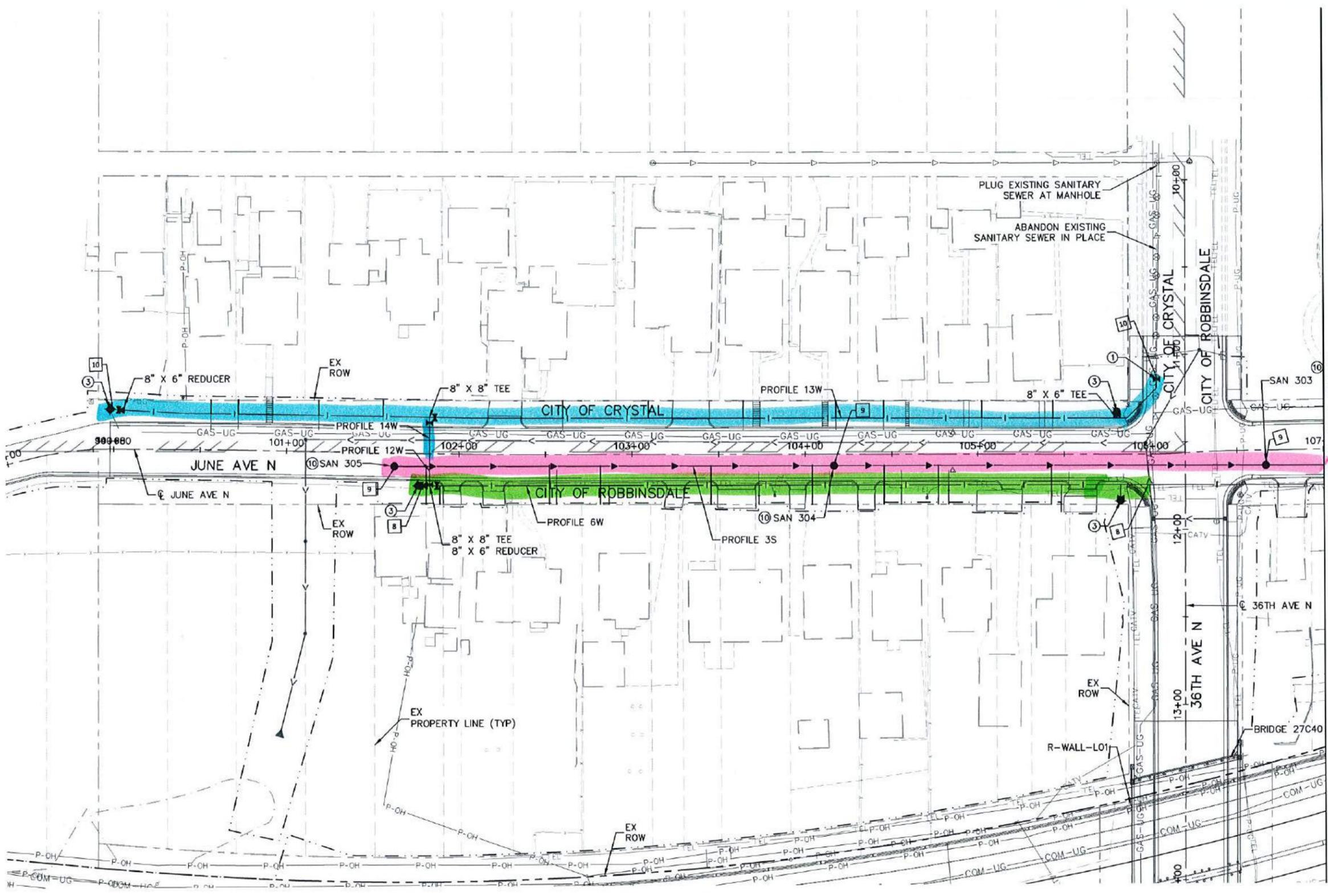
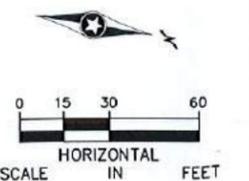
Staff opinion is that this is a good deal for the city for the following reasons:

- ✓ Someday we will have to replace this water main and it's in borderline condition
- ✓ It would be more expensive for us to replace it as a small, stand-alone project
- ✓ We would have to reconstruct June Avenue at our expense to get at the water main (Metro Transit is incorporating that cost into their project)
- ✓ The 3% administration fee and 6% design fee are relatively low (for example, we charge adjacent cities 20% to cover administration and design when we have a joint project on the border)
- ✓ All in all, it's simply the right thing to do

UPCOMING COUNCIL ACTION

Staff intends to request approval of the Master Funding Agreement at the May 1 City Council meeting

Nov. 02 2017 03:44 pm H:\BPO\950_Design_Consultant\CAD\004-SEGMENT-R\PE\PLAN SHEETS\UTILITIES\90 PERC PLANS\R-UTL-SWP.dwg By: rdanovan



- NOTES:**
- SEE SHEET O-UTL-NTS-002 FOR PROPOSED UTILITY PLAN LEGEND.
 - ⊗ = UTILITY PLAN CONSTRUCTION NOTE, REFER TO SHEET O-UTL-NTS-002 FOR NOTES.

- SPECIFIC NOTES:**
- 8 PART OF LOCAL WORK BID ITEM 8. REFER TO SPECIFICATIONS FOR DETAILS.
 - 9 PART OF LOCAL WORK BID ITEM 9. REFER TO SPECIFICATIONS FOR DETAILS.
 - 10 PART OF LOCAL WORK BID ITEM 10. REFER TO SPECIFICATIONS FOR DETAILS.

- PROFILE REFERENCE**
- PROFILE 6W - SEE SHEET 93
 - PROFILE 12W - SEE SHEET 94
 - PROFILE 13W - SEE SHEET 95
 - PROFILE 14W - SEE SHEET 95
 - PROFILE 3S - SEE SHEET 92

MATCH LINE - STA 107+00

DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK DESIGN REVISION / SUBMITTAL

I hereby certify that this plan was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota.

COREY BERGMAN

DATE: 11/17/2017 LIC. NO.: 45853

Kimley»Horn

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90% SUBMITTAL

METRO BLUE LINE EXTENSION
Borjesson LRT

METROPOLITAN COUNCIL

CIVIL 1 CONSTRUCTION - VOLUME 6B

UTILITY PLANS

JUNE AVENUE NORTH

100+00 - 107+00

DISCIPLINE: UTILITIES SHEET NAME: R-UTL-SWP-003

SHEET 67 OF 97

Crystal Watermain - Civil 1B Package - City of Crystal Cost

March 13, 2018
Local Work #11

Crystal Watermain Replacement

No.	Description	Quantity	Unit	Unit Cost	Extension	NOTE
1	Mobilization	1	LS	\$ 4,800.00	\$ 4,800	
2	Construction Survey and Traffic Control	1	LS	\$ 2,400.00	\$ 2,400	
3	Remove Existing Hydrant	2	EA	\$ 365.00	\$ 730	
4	Remove Gate Valve and box	2	EA	\$ 1,000.00	\$ 2,000	
5	Remove Existing Watermain (all sizes)	651	LF	\$ 4.25	\$ 2,767	
6	6" Gate Valve and Box	2	EA	\$ 1,918.18	\$ 3,836	
7	8" Gate Valve and Box	3	EA	\$ 3,020.00	\$ 9,060	
8	6" DIP Watermain	11	LF	\$ 33.94	\$ 373	
9	8" DIP Watermain	635	LF	\$ 54.88	\$ 34,849	
10	Connect to Existing Watermain	1	EA	\$ 1,692.04	\$ 1,692	
11	Remove Water Service to ROW	11	EA	\$ 750.00	\$ 8,250	
12	Hydrant	2	EA	\$ 4,988.89	\$ 9,978	
13	8" 45° Bend	330	LB	\$ 11.68	\$ 3,854	
14	8"x6" Tee	175	LB	\$ 11.68	\$ 2,044	
15	8"x6" Reducer	95	LB	\$ 11.68	\$ 1,110	
16	8" Tee	185	LB	\$ 11.68	\$ 2,161	
17	Service Connection	11	EA	\$ 1,200.00	\$ 13,200	
					\$ 103,104	Subtotal
					\$ 15,466	Contingency (15%)
					\$ 118,569	Base Year Dollars Total (2018\$)
					\$ 3,557	Administration Fee (3%)
					\$ 7,114	Design Fee (6%)
					\$ 129,241	Total Cost (2018\$)⁽¹⁾

⁽¹⁾Assumes owner will be responsible for inspection of work. No BPO fees are assumed at this time.