

STAFF REPORT

DATE: July 14, 2020 **DISCUSSION**

AGENDA ITEM: Old Village Assessments

SUBMITTED BY: Kristina Handt, City Administrator

BACKGROUND:

In 2016 the city council adopted an Old Village Sewer Assessment Plan. The seven phases of the Old Village area would be approached as one project with similar sewer assessments. The assessments started at \$11,000 per REC in 2016 and have been indexed \$300 per year. A similar approach was taken with the two phases of the Olson Lake Sewer project. The agenda item and presentation from the September 6, 2016 council meeting is attached as a reference.

Last month, on June 16, 2020 the council approved the preparation of plans and specs for Old Village Phases 5 and 6 (staff report attached). The staff report lays out the financial details of the project costs and proposed assessments. These phases will require the contribution of just over \$1 million in city sewer fees, as was planned in 2016, in order to cover the costs. In addition, roughly another million is needed in order to provide deep sewer to serve the Shiltgen Farm development. The sewer depths and inverts related to the Reid Park lift station project had not been set to plan to provide sewer to the Shiltgen property because direction to engineering at that time (around 2010) was that this parcel would never be developed.

The Mayor has asked that the council have a discussion about whether or not to alter the Old Village Sewer Assessment Plan.

ISSUE BEFORE COUNCIL:

Should the city council change the old village sewer assessment plan?

PROPOSAL DETAILS/ANALYSIS:

From the city engineer's 6/16/20 staff memo:

	Preliminary Design Estimate of Cost	2021	2022
Total Project Cost	\$8,751,600	\$4,415,400	\$4,336,200.00
Sanitary Sewer	\$3,698,500	\$2,298,100	\$1,400,400
City Share	\$2,461,000		
Assessable Parcels	99		
Assessment Amount	\$12,500		
Assessment Income	\$1,237,500		
Watermain	\$1,277,800	\$478,800	\$799,000

Street and Storm Sewer	\$3,775,300	\$1,638,400	\$2,136,900
Assessable Cost	\$1,132,590		
Assessable Parcels	89		
Assessment Amount	\$12,700		
City Share	\$2,642,710		

Since the 2016 plan did not include the cost for providing service to the Shiltgen property the council could consider assessing those extra costs to that property or requiring a financial contribution from the developer. If the council did not apply the sewer trunk funds of just over a million, that would increase the assessments by over \$10,000 per REC. This additional cost would bring the assessment to roughly \$22,800 per REC which is not out of line when compared to other neighborhoods in the city such as Hamlet on Sunfish Lake (\$29k including fees) or Heritage Farms (last bid \$28k plus fees) however it is double what some others in the Old Village paid.

FISCAL IMPACT:

Depends on direction from Council

ATTACHMENT:

- September 6, 2016 Staff Report on OV CIP
- September 6, 2016 Council Presentation on OV CIP
- June 16, 2016 Staff Report on OV 5 and 6 Plans

DATE: September 6, 2016

REGULAR ITEM #

18

AGENDA ITEM: Old Village Sanitary Sewer Extensions – Discussion on Capital

Improvement Phasing and Assessment Plan

SUBMITTED BY: Jack Griffin, City Engineer

THROUGH: Kristina Handt, City Administrator

REVIEWED BY: Cathy Bendel, Finance Director

Chad Isakson, Assistant City Engineer

SUGGESTED ORDER OF BUSINESS:

- Call for Motion Mayor & City Council

POLICY RECOMMENDER: Staff/Finance Committee.

SUMMARY AND ACTION REQUESTED: The City Council is respectfully requested to provide direction to staff regarding the Old Village Sanitary Sewer Assessment methodology in preparation for the Phase 1 Improvements final assessment hearing. Staff will lead a brief presentation regarding the future sanitary sewer capital projects to be completed in the Old Village together with the potential assessment amounts based upon varied cost allocation methodologies. The presentation will include a recommendation from staff and the Finance Committee to base the Sanitary Sewer assessments on the total cost for the overall extension of sanitary sewer improvements needed to replace all (or substantially all) existing private wastewater systems in the Old Village area.

PROJECT BACKGROUND: The Phase 1 Old Village Street, Drainage and Utility Improvements have been substantially completed and the final assessment hearing for the improvements will be held on October 20, 2016. Staff will be presenting a resolution on September 20, 2016 to declare costs to be assessed, the final assessment rolls to be prepared and call for a final assessment hearing. The Phase 2 Old Village Street, Drainage and Utility Improvements are currently in construction, to be substantially completed by the end of the 2016 construction season. The final assessment hearing for the Phase 2 Improvements will be held in September/October 2017.

City Council Meeting September 6, 2016

The Feasibility Reports for both project phases presented the preliminary assessment amounts to be based on the total cost for the extension of sanitary sewer for both Phase 1 and Phase 2 of the improvements, divided by the total number of REC's (or SAC's) connecting to the sewer main. Each benefitting property's assessment was then determined based on how many REC's it contains. From this analysis, the proposed per REC preliminary unit assessment was originally \$14,000 and more recently reduced to \$13,000.

Looking ahead, staff has prepared preliminary cost estimates for several future lateral sewer extension projects within the Old Village area as part of the City's capital improvement planning process. Through these efforts staff has identified the potential for a wide range of sanitary sewer assessment amounts for different neighborhoods. Because the long range planning efforts have always focused on maintaining a fair and equitable distribution of the sewer costs within the Old Village area, staff is proposing that the Council consider amending the assessment methodology to create one unit assessment amount for all properties with existing septic systems to be served by sanitary sewer in the Old Village.

Adopting this recommendation would loosely commit the City to pursue the remaining lateral sanitary sewer projects over the next 3-5 years in order to contain cost increases over an extended period of time. However, it should be noted that there is already some interest in completing some of these projects. Staff has received two signed sanitary sewer petitions requesting projects be pursued for their properties so staff is also looking for council direction regarding the phasing and schedule for these improvements.

RECOMMENDATION: Staff is recommending that the City Council provide direction to staff regarding the Old Village Sanitary Sewer Assessment methodology in preparation for the Phase 1 Improvements final assessment hearing. It is recommend direction be provide to staff by adopting one of the following motions:

"Move to direct staff to prepare the Phase 1 Improvement Final Assessments for Sanitary Sewer on the basis of the total cost for the overall extension of sanitary sewer improvements needed to replace all existing private wastewater systems in the Old Village area, divided by the total number of REC's (or SAC') connecting to the sewer main."

OR

"Move to direct staff to prepare the Phase 1 Improvement Final Assessments for Sanitary Sewer in accordance with the approved feasibility reports basing the unit assessments on the total cost for the extension of sanitary sewer for only the Phase 1 and Phase 2 improvements, divided by the total number of REC's (or SAC') connecting to the sewer main."

ATTACHMENT(S):

1. None.



Old Village Capital Improvement Plan Phasing Plan; Schedule and Assessment Methodology

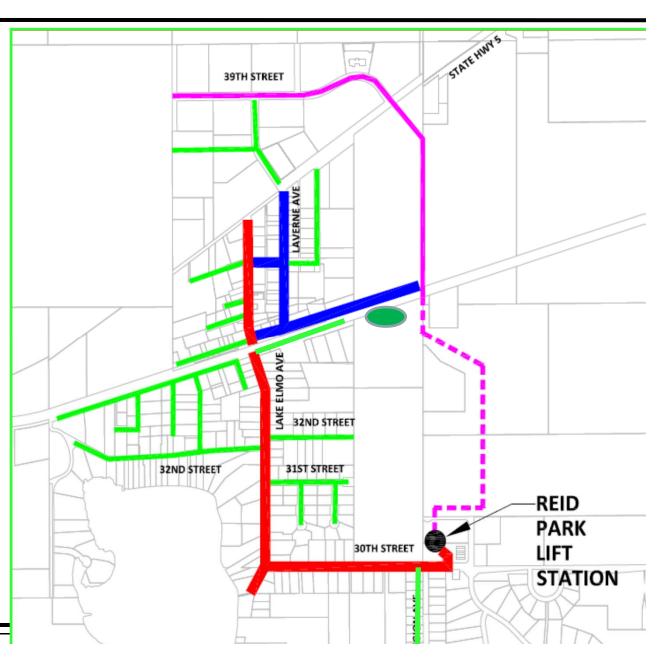
OLD VILLAGE CAPITAL IMPROVEMENT PLAN PHASING PLAN; SCHEDULE AND ASSESSMENT METHODOLOGY



MASTER SANITARY SEWER PLAN

Old Village Capital Improvement Plan Phasing Plan; Schedule and Assessment Methodology

- BLUE Phase 1 Sewer. Costs are firm.
- RED Phase 2 Sewer. Costs are fairly firm.
- Phase 1 + Phase 2 costs per unit assessment is \$13,000, down from \$14,000.
- GREEN Future Sewer Phases.
- Completed cost estimates for all future phases shown in GREEN.



SEPTEMBER 6, 2016



TOTAL PROJECT COSTS AND UNIT SEWER ASSESSMENT

Old Village Capital Improvement Plan

Phasing Plan; Schedule and Assessment Methodology

- · Total Sanitary Sewer Costs.
- Total Watermain Replacement Costs.
- Total Street & Storm Sewer Costs.
- · Total REC units.
- Calculated Unit assessment at \$13,190.
- Applied TRUNK SEWER costs to Sewer Fund.
- Recommended Overall Old Village Unit assessment at \$11,000.

AREA		STREET & STORM SEWER		SANITARY SEWER		WATERMAIN		TOTAL COSTS
2015 IMPROVEMENTS	PH1			\$657,851	52			\$657,851
2016 IMPROVEMENTS	PH2			\$1,204,385	96			\$1,204,385
31ST STREET	1	\$391,032	13	\$170,285	12	\$160,749	13	\$722,066
LAVERNE CT.	1	\$190,279	6	\$85,326	6	\$69,023	7	\$344,628
LAYTON CT.	1	\$193,089	8	\$86,496	8	\$71,116	8	\$350,701
32ND STREET	2	\$234,775	12	\$349,489	15	\$122,744	15	\$707,008
32ND STREET	3	\$606,858	21	\$402,155	27	\$267,720	22	\$1,276,733
LAMPERT AVE	3	\$214,965	11	\$154,810	10	\$127,849	10	\$497,624
33RD STREET	3	\$527,887	6	\$224,060	3	\$267,400	5	\$1,019,347
LANGLEY CT	3	\$155,304	5	\$74,678	5	\$62,534	5	\$292,516
KRAFT CIRCLE	3	\$192,710	9	\$110,866	7	\$96,357	9	\$399,933
33RD STREET LANE	3	\$234,484	5	\$112,756	5	\$61,294	6	\$408,534
LEGION AVE	4	\$422,968	28	\$471,631	23	\$227,251	25	\$1,121,850
PRIVATE DR (E. OF CSAH 17)	5	\$0	4	\$267,961	3	\$0		\$267,961
36TH STREET	6	\$87,466	4	\$55,816	4	\$38,430	4	\$181,712
LAYTON AVENUE	6	\$324,159	17	\$179,815	20	\$143,164	17	\$647,138
LAVERNE AVE	7	\$304,986	6	\$176,202	14	\$212,410	14	\$693,598
PRIVATE DRIVE	7	\$271,992	4	\$173,875	48	\$0	48	\$445,867
33RD STREET	8	\$191,078	7	\$117,583	6	\$142,754	13	\$451,415
34TH STREET	8	\$44,647	8	\$56,542	5	\$57,982	6	\$159,171
36TH STREET -TRAIL	8	\$57,962	5	\$64,320	19	\$0	0	\$122,282
LISBON TOWNHOMES					6			
TOTAL COSTS		\$4,646,641	179	\$5,196,903	394	\$2,128,777	227	\$11,972,320
UNIT ASSESSMENT				\$13,190				
less TRUNK COSTS				\$1,025,955				
UNIT ASSESSMENT				\$10,586				\$10,110,084

FOCUS ENGINEERING, inc.



AREA ANALYSIS

Old Village Capital Improvement Plan Phasing Plan; Schedule and Assessment Methodology

- 1. Unit assessments range from \$5,646/unit to \$18,836/unit (or \$52,668/unit) with granular subbase included with sewer.
- 2. AREA 1 = \$13,158.
- 3. AREA 2 = \$11,829 (\$23,299 with LS/FM).
- 4. AREA 3 = \$18,836 (does not include Grinder LS for Lakeshore properties).
- 5. AREA 4 = \$12,423 (\$20,506 with LS/FM). Street reclaim completed in 2009 w/10-year street assessment.
- 6. AREA 5 = \$52,668. Plus \$109,956 in restoration (\$89,320).
- 7. AREA 6 = \$9,818. Lower due to commercial REC counts (\$16,831/property).
- 8. AREA 7 = \$5,646. Lower due to commercial REC counts (\$50,011/property). School assumed as 42 RECs.
- 9. AREA 8 = \$7,948. Includes 16 RECs to Gorman Restaurant. \$59,611/property.





TOTAL PROJECT COSTS AND UNIT SEWER ASSESSMENT

Old Village Capital Improvement Plan

Phasing Plan; Schedule and Assessment Methodology

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- Total Street & Storm Sewer Costs.
- · Total REC units.
- Calculated Unit assessment at \$13,190.
- Applied TRUNK SEWER costs to Sewer Fund.
- Recommended Overall Old Village Unit assessment at \$11,000.
- REC Units could vary.

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UNIT ASSESSMENT				\$13,190				
less TRUNK COSTS				\$1,025,955				
UNIT ASSESSMENT				\$10,586				\$10,110,084

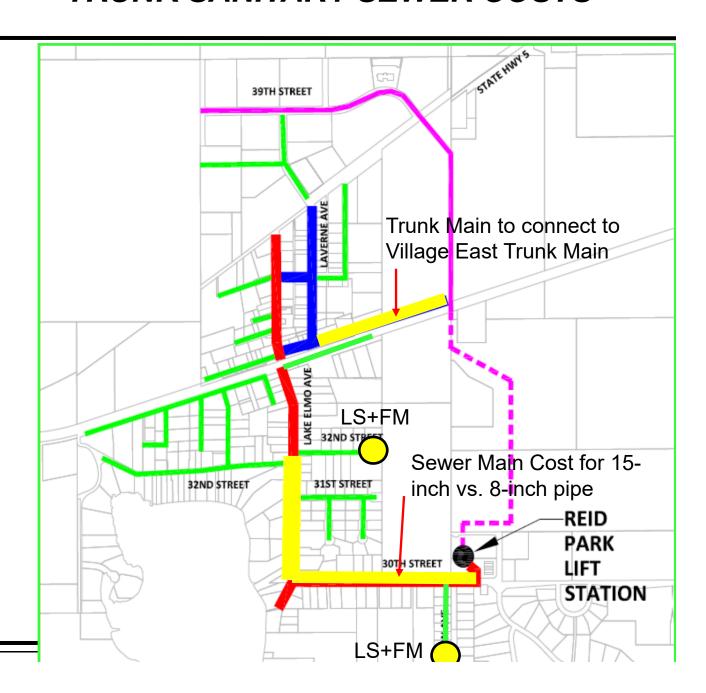
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TRUNK SANITARY SEWER COSTS

Old Village Capital Improvement Plan Phasing Plan; Schedule and Assessment Methodology

- Upper 33rd Trunk Main. Amount: \$ 385,000.
- 15-inch Pipe Oversize. Amount: \$ 284,000.
- 2 Lift Stations w/FM.
 Amount: \$ 358,000.



SEPTEMBER 6, 2016



OLD VILLAGE CIP

Old Village Capital Improvement Plan Phasing Plan; Schedule and Assessment Methodology

PHASING	STREET &	SANITARY	RECS	WATERMAIN	TOTAL COSTS
PLAN	STORM SEWER	SEWER			
2017	\$1,351,378	\$692,184	94	\$513,298	\$2,556,860
2018	\$646,400	\$585,120	39	\$304,338	\$1,535,858
2019	\$1,932,208	\$1,079,325	57	\$883,154	\$3,894,687
2020	\$293,687	\$506,406	33	\$200,736	\$1,000,829
TBD	\$422,968	\$471,631	23	\$227,251	\$1,121,850
TOTALS	\$4,646,641	\$3,334,666	246	\$2,128,777	\$10,110,084



OLD VILLAGE CIP - PHASING PLAN

Old Village Capital Improvement Plan Phasing Plan; Schedule and Assessment Methodology

Phase 3 – 2017.
 Amount: \$ 2,557,000.

Phase 4 – 2018.
 Amount: \$ 1,536,000.

Phase 5 – 2019.
 Amount: \$ 3,895,000.

Phase 6 – 2020.
 Amount: \$ 1,000,000.

Phase 7 – TBD.
 Amount: \$ 1,122,000.

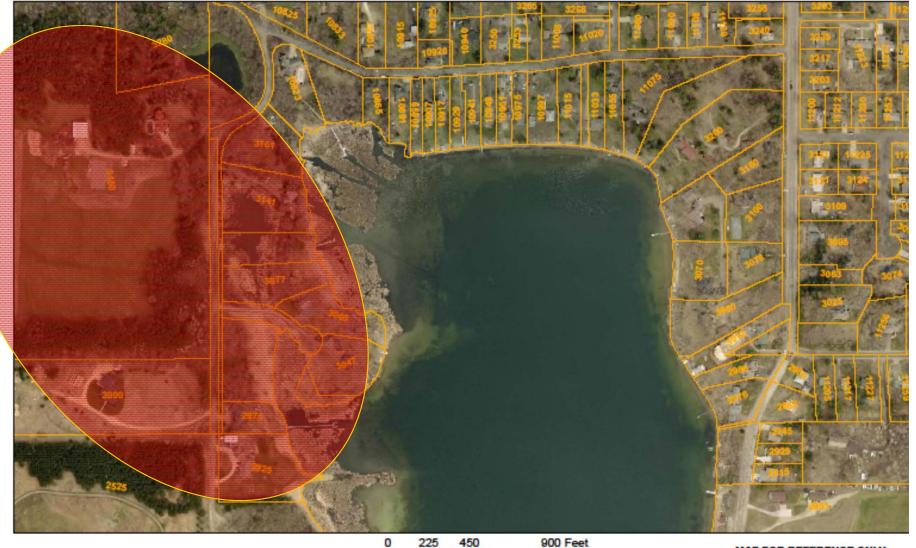
County proposed sewer to Holiday Station MOT STATE HUYS INCLUDED PHASE 3 PHASE 4 PHASE 6 PHASE 6 NOT INCLUDED PHASE 5 PHASE 32ND STREET 31ST STREE PHASE 3 REID NO PARK INCLUDED NOT INCLUDED 30TH STREET STATION PHASE 7

SEPTEMBER 6, 2016

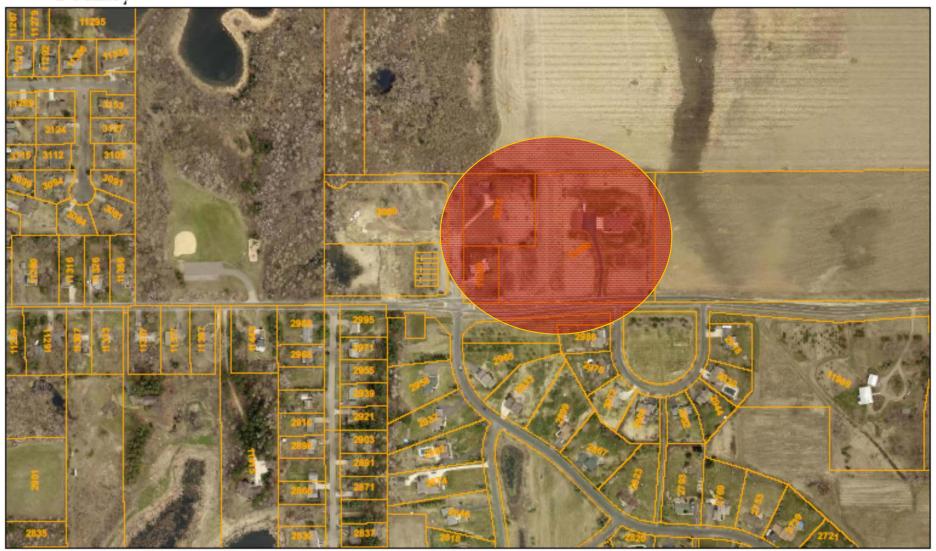


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Washington County





RECOMMENDATIONS AND ASSUMPTIONS

Old Village Capital Improvement Plan Phasing Plan; Schedule and Assessment Methodology

- 1. Create one Unit Assessment Amount for all Old Village Sewer projects. Recommending \$11,000 unit assessment amount.
- 2. Revise Fee Schedule to increase Sewer Lateral Benefit Charge to \$11,000. Send out connection notice letter to Lisbon Townhomes (6 units).
- 3. Includes most existing structures in Old Village, but not all. Includes Private Drive east of Lake Elmo Ave and south of UP-RR; however, proposes low pressure sewer system to minimize cost impacts.
- 4. Does not include Grinder LS for 32nd Street west of Lake Elmo Avenue.
- 5. Requires City sewer oversize costs to be paid from the Sewer Enterprise Fund. Est. at \$1,026,000 [construction plus 30% soft costs].
- 6. EOC includes soft costs at 36.5%. This includes 10% construction cost contingency. \$245,000 for sewer.
- 7. EOC includes 2% budget for easement acquisition. \$150,000 for all phases.
- 8. Rounding to \$11,000/unit from \$10,600 provides add'l \$155,000 contingency.

FOCUS ENGINEERING, inc.



STAFF REPORT

DATE: June 16, 2020

CONSENT

AGENDA ITEM: Authorize Preparation of Plans and Specifications for the Old Village

Phase 5 and 6 Street, Drainage and Utility Improvements

SUBMITTED BY: Jack Griffin, City Engineer

REVIEWED BY: Kristina Handt, City Administrator

Marty Powers, Public Works Director Chad Isakson, Assistant City Engineer

ISSUE BEFORE COUNCIL: Should the City Council authorize preparation of plans and specifications for the Old Village Phase 5 and 6 Street, Drainage and Utility Improvements?

BACKGROUND: The City of Lake Elmo is extending sanitary sewer to serve the existing properties in the Old Village area to replace the use of private on-site sewage treatment systems. The projects also include drainage improvements to continue addressing historic flooding issues in the Downtown area, the replacement of aged watermain pipes and reconstructing the public streets that are disturbed during the work. The Improvements are being constructed in phases and through separate projects. The first four phases were constructed in 2015, 2016, 2017, and 2018. As part of the Old Village Capital Improvement Plan, Phase 5 is programmed for construction in 2021 and Phase 6 is programmed for construction in 2022.

On July 2, 2019 the City Council authorized SEH to complete preliminary design and topographic survey of the area to identify the scope of improvements, temporary and permanent easement needs, and develop an estimate of cost for the improvements. The preliminary design has been completed with the design memo and exhibits attached to this item for reference, together with the preliminary estimates of project costs provided in this report. The Old Village Phase 5 and Old Village Phase 6 Improvements include the areas highlighted on the attached Location Map and including the remaining Old Village sewer service areas that were included in the Old Village Capital Improvement Plan presented imn 2016, with the exception of Legion Avenue North:

PROPOSAL DETAILS/ANALYSIS: City Staff has worked with SEH to finalize the preliminary design of Old Village Phase 5 and 6 which included a topographic survey of the area, identification of easement needs, recommendations on roadway widths and stormwater management, and development of an estimate of cost to complete the improvements. The detailed memo and preliminary design layout can be viewed in the attachment to this agenda item. The total project cost is estimated to be \$8,751,600.

Staff is recommending the improvements be designed in one bid package and constructed over a two-year period, including the 2021 and 2022 construction seasons. The phased work would begin by extending deep sanitary sewer along 32nd Street North from Lake Elmo Avenue to the Union Pacific Railroad tracks and a portion of 33rd Street. The remaining areas would likely be completed in 2022. The financial breakdown based on the current estimate is summarized in the table below. The assessable costs are based on a draft assessment roll that needs input from planning on buildable lots and commercial SAC determinations.

	Preliminary Design Estimate of Cost	2021	2022
Total Project Cost	\$8,751,600	\$4,415,400	\$4,336,200.00
Sanitary Sewer	\$3,698,500	\$2,298,100	\$1,400,400
City Share	\$2,461,000		
Assessable Parcels	99		
Assessment Amount	\$12,500		
Assessment Income	\$1,237,500		
Watermain	\$1,277,800	\$478,800	\$799,000
Street and Storm Sewer	\$3,775,300	\$1,638,400	\$2,136,900
Assessable Cost	\$1,132,590		
Assessable Parcels	89		
Assessment Amount	\$12,700		
City Share	\$2,642,710		

Staff is seeking Council approval to order preparation of the plans and specifications for Old Village Phase 5 and 6. The engineering fees will be funded through the project costs which will be part of the project assessments once the improvements proceed to construction.

FISCAL IMPACT: \$478,100.

If authorized, SEH, Inc., together with FOCUS Engineering and a geotechnical engineer will prepare final plans and specifications in a not to exceed amount of \$478,100. If the improvements are ordered, the design costs will be charged against the project fund and become assessable to the benefitting properties once the improvements proceed into construction. Should the project not be constructed, these costs cannot be assessed.

RECOMMENDATION: Staff is recommending that the City Council authorize SEH, Inc. to prepare plans and specifications for the Old Village Phase 5 and 6 Street, Drainage and Utility Improvements. The recommended motion for this action is as follows:

"Move to authorize SEH, Inc. to prepare plans and specifications for the Old Village Phase 5 & 6 Street, Drainage and Utility Improvements in the not to exceed amount of \$374,400."

Staff is also recommending that the City Council authorize FOCUS Engineering, Inc. to complete final design services including conduct final design review, complete a feasibility report, easement acquisition, and public engagement in the not-to-exceed amount of \$83,700. The recommended motion for this action is as follows:

"Move to authorize FOCUS Engineering, Inc. to prepare plans and specifications for the Old Village Phase 5 & 6 Street, Drainage and Utility Improvements in the not to exceed amount of \$83,700."

Staff is also recommending that the City Council authorize the City Administrator to enter into a material testing contract in the not-to-exceed amount of \$20,000. The recommended motion for this action is as follows:

"Move to authorize the City Administrator to enter into a material testing contract in the not-to-exceed amount of \$20,000 for the Old Village Phase 5 & 6 Street, Drainage, and Utility Improvements."

ATTACHMENTS:

- 1. Project Location Map.
- 2. Preliminary Design Memo.
- 3. Preliminary Design Layout.
- 4. Project Schedule.