



City of Ketchum
City Hall

March 21, 2022

Mayor Bradshaw and City Councilors
City of Ketchum
Ketchum, Idaho

Mayor Bradshaw and City Councilors:

Briefing on Sun Valley Road Rehabilitation and Pedestrian Improvement Project

Recommendation and Summary

On March 15th one qualified bid (Idaho Materials & Construction – IMC) was received for the Sun Valley Road rehabilitation project which is being jointly managed between the cities of Ketchum and Sun Valley. Staff has reviewed the bid and is investigating areas for potential value engineering to reduce overall costs. Staff will review the areas during the meeting to receive feedback from Council.

“I move to accept the initial bid for the Ketchum portion of the Sun Valley Road Rehabilitation Project and instruct staff to negotiate outlined value engineering opportunities and return to Council with final not to exceed contract amount at the April 4th Meeting.”

Introduction and History

The bid documents called for the following five components (attachment #1):

1. Full rebuild of roadway from Main Street to Spruce Street
\$1,552,943.40
2. Pedestrian improvements
\$666,346.90
3. Alternate add option for new bike path from SV Road adjacent to Spruce Street to 4th Street
\$86,495.00
4. Alternate deduct option to only rebuild intersections
\$622,603.50 savings
5. Alternate deduct option to complete mill/inlay versus full rebuild of road
\$262,539.00 savings

During the previous Council briefing, staff presented an estimated worst case total construction cost of \$2,233,557. Should the Council support moving forward with full scope of the roadway and pedestrian improvements, the total contract amount would be \$2,219,290.30. Staff is still working to finalize a contract with Jacobs Engineering to provide construction oversight as they served as the design engineer. Staff has not been able to acquire the necessary easement with the LDS Church to implement item #3. Staff has evaluated the two alternate deductions (#4 and #5) and does not recommend proceeding from a return on investment (ROI) perspective.

Staff, in concert with Jacobs Engineering, has identified the following bid line items to investigate further during a workshop with IMC on March 29th to determine if cost savings could be achieved:

- Traffic control (\$182,189.50)
- Mobilization (\$200,500.00)
- Demolition (\$445,368.00)

Staff will return on April 4th for approval of a final not-to-exceed amount. Members of the public are encouraged to visit www.projectketchum.org to learn more about this project and provide feedback.

Sustainability Impact

Improved pedestrian and bike facilities along the roadway encourage locals and visitors to utilize alternative transportation.

Financial Requirement/Impact

As presented previously, the City Council could access fund balance in order to complete full scope of the project. Staff will also be presenting to the URA Board ahead of the Council meeting with a funding request of fifty percent of total pedestrian improvement costs.

Attachment:

Bid schedules

Visual of planned pedestrian improvements

**2022 SUN VALLEY ROAD REHABILITATION
CITY OF SUN VALLEY AND CITY OF KETCHUM**

**ADDENDUM NO. 4
TO THE CONTRACT DOCUMENTS
for the construction of
2022 SUN VALLEY ROAD REHABILITATION**

**Date: March 9, 2022
Project No.: D3489600**

To All Planholders and/or Prospective Bidders:

The following changes, additions, and/or deletions are hereby made a part of the Contract Documents for the construction of 2022 Sun Valley Road Rehabilitation dated February 2022 as fully and completely as if the same were fully set forth therein:

A. PART 1. PROCUREMENT REQUIREMENTS

1. Section 00 11 13, Advertisement for Bid, Page 1, First Paragraph, First Sentence: REVISES "3:00 P.M., local time, on March 10, 2022" to "10:00 A.M., local time, on March 15, 2022"
2. Section 00 41 13, Bid Form, 6. Basis of Bids, 6.2 Unit Price Bid Schedule:
 - a. DELETE tables and REPLACE with the following:

SCHEDULE 1 - MAIN STREET TO SPRUCE AVENUE (CITY OF KETCHUM)					
Item No.	Description	Estimated Quantity	Unit	Unit Price	Extended Unit Price
TEMPORARY					
1	Mobilization (≤10% of schedule bid total)	1	LS	\$ 145,000.00	\$ 145,000.00
2	Construction Survey	1	LS	\$ 28,500.00	\$ 28,500.00
3A	Traffic Signs	110	EA	\$ 250.00	\$ 27,500.00
3B	Portable Tubular Markers	240	EA	\$ 12.50	\$ 3,000.00
3C	Type II Barricades	6	EA	\$ 34.50	\$ 207.00
3D	Type III Barricades	6	EA	\$ 105.00	\$ 630.00
3E	PCMS	147	Day	\$ 115.00	\$ 16,905.00
3F	Pilot Car	0	HR	\$ 90.00	\$ 0.00
3G	Traffic Control Supervisor	315	HR	\$ 53.50	\$ 16,852.50
3H	Flagging	1,260	HR	\$ 49.00	\$ 61,740.00
4	Temporary Erosion & Sediment Control	1	LS	\$ 23,500.00	\$ 23,500.00
5	Dust Control	1	LS	\$ 33,000.00	\$ 33,000.00
DEMOLITION					
6	Excavation	3,339	CY	\$ 50.50	\$ 168,619.50
7	Removal of Curb & Gutter	258	LF	\$ 48.50	\$ 12,513.00
8	Removal of Asphaltic Concrete - Roadway	6,478	SY	\$ 20.50	\$ 132,799.00
9	Removal of Asphaltic Concrete - Pathway	74	SY	\$ 20.50	\$ 1,517.00
10	Removal of Concrete Sidewalk	22	SY	\$ 365.00	\$ 8,030.00
11	Remove, Retain and Replace Signage	7	EA	\$ 500.00	\$ 3,500.00

2022 SUN VALLEY ROAD REHABILITATION
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SCHEDULE 1 - MAIN STREET TO SPRUCE AVENUE (CITY OF KETCHUM)					
Item No.	Description	Estimated Quantity	Unit	Unit Price	Extended Unit Price
12	Demolish and Remove Existing Dry Well, Catch Basin	6	EA	\$ 2,950.00	\$ 17,700.00
13	Remove and Discard Existing Sign Post, Stop Sign and Foundation	2	EA	\$ 290.00	\$ 580.00
14	Remove, Retain and Reinstall RRFB, PPB and Light Pole	1	LS	\$ 28,500.00	\$28,500.00
ROADWAY/PATHWAY MATERIALS					
15	3/4" minus Aggregate Base Course	1,078	CY	\$ 120.00	\$ 129,360.00
16	Aggregate Subbase Course	1,443	CY	\$ 105.00	\$ 151,515.00
17	AC Pavement, SuperPave SP-3, PG584-28, 1/2" (Pathways)	5	TN	\$ 405.00	\$ 2,025.00
18	AC Pavement, SuperPave SP-3, PG64-28, 3/4" (Roadways)	1,601	TN	\$ 215.00	\$ 344,215.00
19	Concrete Sidewalk/ADA Ramps	443	SF	\$ 30.00	\$ 13,290.00
20	Curb Transition	14	LF	\$ 54.50	\$ 763.00
21	Zero-Reveal Curb	39	LF	\$ 54.50	\$ 2,125.50
22	3" Rolled Curb	61	LF	\$ 54.50	\$ 3,324.50
23	6" Vertical Curb	72	LF	\$ 54.50	\$ 3,924.00
24	Valley Gutter	42	LF	\$ 90.50	\$ 3,801.00
25	Pavement Markings	7,643	LF	\$ 0.80	\$ 6,114.40
UTILITIES					
26	Catch Basin	6	EA	\$ 3,200.00	\$ 19,200.00
27	Dry Well	6	EA	\$ 5,300.00	\$ 31,800.00
28	New Solid Lids	6	EA	\$ 585.00	\$ 3,510.00
29	12" RCP Culvert	71	LF	\$ 160.00	\$ 11,360.00
30	Whirly gig/Grade Ring Adjustment - Manhole	10	EA	\$ 2,100.00	\$ 21,000.00
31	Adjust Gas Valve Box & Lid	6	EA	\$ 2,100.00	\$ 12,600.00
32	Adjust Pullbox (Traffic Rated)	1	EA	\$ 685.00	\$ 685.00
33	Adjust Water Valve Box & Lid	18	EA	\$ 2,100.00	\$ 37,800.00
34	Trench for 2 - 2" PVC Conduit	279	LF	\$ 42.00	\$ 11,718.00
35	Handhole - 13" x 18" x 24"	4	EA	\$ 1,300.00	\$ 5,200.00
WARNING SYSTEMS					
36	TUFTILE Truncated Domes	10	EA	\$ 600.00	\$ 6,000.00
37	New Sign (Stop Sign and Post)	2	EA	\$ 360.00	\$ 720.00
38	Install Sign Post Base	1	EA	\$ 300.00	\$ 300.00
SCHEDULE 1 - Total of Extended Unit Prices					\$ 1,552,943.40

**2022 SUN VALLEY ROAD REHABILITATION
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SCHEDULE 2 - MAIN STREET TO SPRUCE AVENUE - PEDESTRIAN IMPROVEMENTS (CITY OF KETCHUM)					
Item No.	Description	Estimated Quantity	Unit	Unit Price	Extended Unit Price
TEMPORARY					
1	Mobilization (≤10% of schedule bid total)	1	LS	\$ 56,500.00	\$ 56,500.00
2	Construction Survey	1	LS	\$ 15,500.00	\$ 15,500.00
3A	Traffic Signs	50	EA	\$ 250.00	\$ 12,500.00
3B	Portable Tubular Markers	180	EA	\$ 12.50	\$ 2,250.00
3C	Type II Barricades	10	EA	\$ 34.50	\$ 345.00
3D	Type III Barricades	0	EA	\$ 105.00	\$ 0.00
3E	PCMS	154	Day	\$ 115.00	\$ 17,710.00
3F	Pilot Car	0	HR	\$ 90.00	\$ 0.00
3G	Traffic Control Supervisor	220	HR	\$ 53.50	\$ 11,770.00
3H	Flagging	220	HR	\$ 49.00	\$ 10,780.00
4	Temporary Erosion & Sediment Control	1	LS	\$ 6,150.00	\$ 6,150.00
5	Dust Control	1	LS	\$ 8,000.00	\$ 8,000.00
DEMOLITION					
6	Excavation	702	CY	\$ 54.50	\$ 38,259.00
7	Removal of Curb & Gutter	587	LF	\$ 48.50	\$ 28,469.50
8	Removal of Asphaltic Concrete - Roadway	1,376	SY	\$ 20.50	\$ 28,208.00
9	Removal of Concrete Sidewalk	78	SY	\$ 365.00	\$ 28,470.00
10	Remove and Retain Pavers	140	SY	\$ 545.00	\$ 76,300.00
11	Remove Tree	1	EA	\$ 1,800.00	\$ 1,800.00
ROADWAY/PATHWAY MATERIALS					
12	3/4" minus Aggregate Base Course	221	CY	\$ 100.00	\$ 22,100.00
13	Aggregate Subbase Course	330	CY	\$ 85.00	\$ 28,050.00
14	AC Pavement, SuperPave SP-3, PG64-28, 3/4" (Roadways)	298	TN	\$ 210.00	\$ 62,580.00
15	Concrete Sidewalk/ADA Ramps	3,407	SF	\$ 30.00	\$ 102,210.00
16	Curb Transition	217	LF	\$ 54.50	\$ 11,826.50
17	Zero-Reveal Curb	129	LF	\$ 54.50	\$ 7,030.50
18	6" Vertical Curb	289	LF	\$ 54.50	\$ 15,750.50
19	Valley Gutter	23	LF	\$ 90.50	\$ 2,081.50
20	Pavement Markings	6,608	LF	\$ 0.80	\$ 5,286.40
WARNING SYSTEMS					
36	TUFTILE Truncated Domes	107	EA	\$ 600.00	\$ 64,200.00
37	New Sign (Stop Sign and Post)	2	EA	\$ 360.00	\$ 720.00
38	Install Sign Post Base	5	EA	\$ 300.00	\$ 1,500.00
SCHEDULE 2 - Total of Extended Unit Prices					\$ 664,348.90

**2022 SUN VALLEY ROAD REHABILITATION
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SCHEDULE 3 - SPRUCE AVENUE TO NORTHERN GUN CLUB (CITY OF SUN VALLEY)					
Item No.	Description	Estimated Quantity	Unit	Unit Price	Extended Unit Price
24	6" Rolled Curb	177	LF	\$ 66.50	\$ 11,770.50
25	4' Concrete Valley Gutter	64	LF	\$ 90.50	\$ 5,792.00
26	Infiltration Swale	1	LS	\$ 10,500.00	\$ 10,500.00
27	Pavement Markings	54,500	LF	\$ 0.70	\$ 38,150.00
28	Landscape Restoration	1	LS	\$ 240,000.00	\$ 240,000.00
28A	Construct Stairs	1	LS	\$ 3,850.00	\$ 3,850.00
UTILITIES					
29	Sediment Catch Basin	1	EA	\$ 6,850.00	\$ 6,850.00
30	New 14" CMP Culvert	8	LF	\$ 98.00	\$ 784.00
31	New 16" CMP Culvert	61	LF	\$ 100.00	\$ 6,100.00
32	New 24" CMP Culvert	10	LF	\$ 175.00	\$ 1,750.00
33	16" End Section	1	EA	\$ 650.00	\$ 650.00
34	Whirly gig/Grade Ring adjustment - Manhole	2	EA	\$ 2,100.00	\$ 4,200.00
35	Adjust Inlet	1	EA	\$ 1,600.00	\$ 1,600.00
36	Adjust Gas Valve Box & Lid	1	EA	\$ 2,100.00	\$ 2,100.00
37	Adjust Pullbox (Traffic Rated)	2	EA	\$ 685.00	\$ 1,370.00
38	Adjust Water Valve Box & Lid	11	EA	\$ 2,100.00	\$ 23,100.00
39	Concrete Collar - Valve	12	EA	\$ 1,400.00	\$ 16,800.00
40	Concrete Collar - Manhole	4	EA	\$ 1,400.00	\$ 5,600.00
SCHEDULE 3 - Total of Extended Unit Prices					\$ 3,379,818.00

ADDITIVE ALTERNATE - PATHWAY AT SPRUCE AVENUE (CITY OF KETCHUM)					
Item No.	Description	Estimated Quantity	Unit	Unit Price	Extended Unit Price
TEMPORARY					
1	Mobilization (≤10% of schedule bid total)	1	LS	\$ 8,500.00	\$ 8,500.00
2	Construction Survey	1	LS	\$ 7,250.00	\$ 7,250.00
3A	Traffic Signs	10	EA	\$ 250.00	\$ 2,500.00
3B	Portable Tubular Markers	30	EA	\$ 12.50	\$ 375.00
3C	Type II Barricades	4	EA	\$ 34.50	\$ 138.00
3D	Type III Barricades	0	EA	\$ 105.00	\$ 0.00
3E	PCMS	0	Day	\$ 115.00	\$ 0.00
3F	Pilot Car	0	HR	\$ 90.00	\$ 0.00
3G	Traffic Control Supervisor	300	HR	\$ 53.50	\$ 16,050.00
3H	Flagging	0	HR	\$ 49.00	\$ 0.00
4	Temporary Erosion & Sediment Control	1	LS	\$ 1,800.00	\$ 1,800.00
5	Dust Control	1	LS	\$ 5,100.00	\$ 5,100.00
DEMOLITION					

2022 SUN VALLEY ROAD REHABILITATION
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ADDITIVE ALTERNATE - PATHWAY AT SPRUCE AVENUE (CITY OF KETCHUM)					
Item No.	Description	Estimated Quantity	Unit	Unit Price	Extended Unit Price
6	Excavation	20	CY	\$ 100.00	\$ 2,000.00
7	Removal of Curb & Gutter	64	LF	\$ 48.50	\$ 3,104.00
8	Removal of Asphaltic Concrete - Roadway	41	SY	\$ 26.00	\$1,066.00
9	Removal of Concrete Sidewalk	31	SY	\$ 365.00	\$ 11,315.00
10	Remove, Retain and Replace Signage	1	EA	\$ 500.00	\$ 500.00
ROADWAY/PATHWAY MATERIALS					
11	3/4" minus Aggregate Base Course	28	CY	\$ 105.00	\$ 2,940.00
12	Aggregate Subbase Course	6	CY	\$ 185.00	\$ 1,110.00
13	AC Pavement, SuperPave SP-3, PG584-28, 1/2" (Pathways)	16	TN	\$ 225.00	\$ 3,600.00
14	AC Pavement, SuperPave SP-3, PG64-28, 3/4" (Roadways)	4	TN	\$ 345.00	\$ 1,380.00
15	Concrete Sidewalk/ADA Ramps	150	SF	\$ 42.00	\$ 6,300.00
16	Curb Transition	6	LF	\$ 54.50	\$ 327.00
17	Zero-Reveal Curb	22	LF	\$ 54.50	\$ 1,199.00
18	3" Rolled Curb	45	LF	\$ 54.50	\$ 2,452.50
19	1' Wide 6" Vertical Curb	25	LF	\$ 54.50	\$ 1,362.50
20	Pavement Markings	66	LF	\$ 11.00	\$ 726.00
WARNING SYSTEMS					
21	TUFTILE Truncated Domes	9	EA	\$ 600.00	\$ 5,400.00
ADDITIVE ALTERNATE - Total of Extended Unit Prices					\$ 86,495.00

DEDUCT A - NO RECONSTRUCTION BETWEEN INTERSECTIONS (CITY OF KETCHUM)					
Item No.	Description	Estimated Quantity (See Note 1)	Unit		
TEMPORARY					
1	Mobilization (≤10% of schedule bid total)	1	LS		
2	Construction Survey	1	LS		
3A	Traffic Signs	50	EA		
3B	Portable Tubular Markers	80	EA		
3C	Type II Barricades	2	EA		
3D	Type III Barricades	2	EA		
3E	PCMS	49	Day		
3F	Pilot Car	0	HR		
3G	Traffic Control Supervisor	0	HR		
3H	Flagging	630	HR		
4	Temporary Erosion & Sediment Control	1	LS		
5	Dust Control	1	LS		

**2022 SUN VALLEY ROAD REHABILITATION
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DEDUCT A – NO RECONSTRUCTION BETWEEN INTERSECTIONS (CITY OF KETCHUM)					
Item No.	Description	Estimated Quantity (See Note 1)	Unit		
	DEMOLITION				
6	Excavation	2,487	CY		
7	Removal of Asphaltic Concrete - Roadway	4,840	SY		
	ROADWAY/PATHWAY MATERIALS				
8	3/4" minus Aggregate Base Course	807	CY		
9	Aggregate Subbase Course	1,076	CY		
10	AC Pavement, SuperPave SP-3, PG64-28, 3/4" (Roadways)	1,201	TN		
DEDUCT A – Lump Sum (See Note 2)				\$ 622,603.50	

Note 1: Quantities are provided for Bidders estimation.

Note 2: Bidders are to provide a Lump Sum for Deduct A.

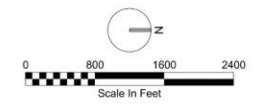
DEDUCT B – 2" MILL AND OVERLAY BETWEEN INTERSECTIONS (CITY OF KETCHUM)					
Item No.	Description	Estimated Quantity (See Note 1)	Unit		
	TEMPORARY				
1	Mobilization (≤10% of schedule bid total)	1	LS		
2	Construction Survey	1	LS		
3A	Traffic Signs	50	EA		
3B	Portable Tubular Markers	80	EA		
3C	Type II Barricades	2	EA		
3D	Type III Barricades	2	EA		
3E	PCMS	49	Day		
3F	Pilot Car	0	HR		
3G	Traffic Control Supervisor	0	HR		
3H	Flagging	630	HR		
4	Temporary Erosion & Sediment Control	1	LS		
5	Dust Control	1	LS		
	DEMOLITION				
6	Removal of Asphaltic Concrete - Roadway	4,840	SY		
	ROADWAY/PATHWAY MATERIALS				
10	AC Pavement, SuperPave SP-3, PG64-28, 3/4" (Roadways)	534	TN		
	Deduct A - (Negative)	1	LS		
DEDUCT B – Lump Sum (See Note 2)				\$ 262,539.00	

Note 1: Quantities are provided for Bidders estimation.

Note 2: Bidders are to provide a Lump Sum for Deduct B.



Sun Valley Road





Capital Improvements Update

Mobility – Sun Valley Road

- Scope

- Currently being designed & construction set for summer/fall 2022
- Road rebuild vs. original scope of mill and overlay
 - New ped crossings/ADA ramps
- Bike path connection – Sun Valley/Spruce Street to 4th Avenue

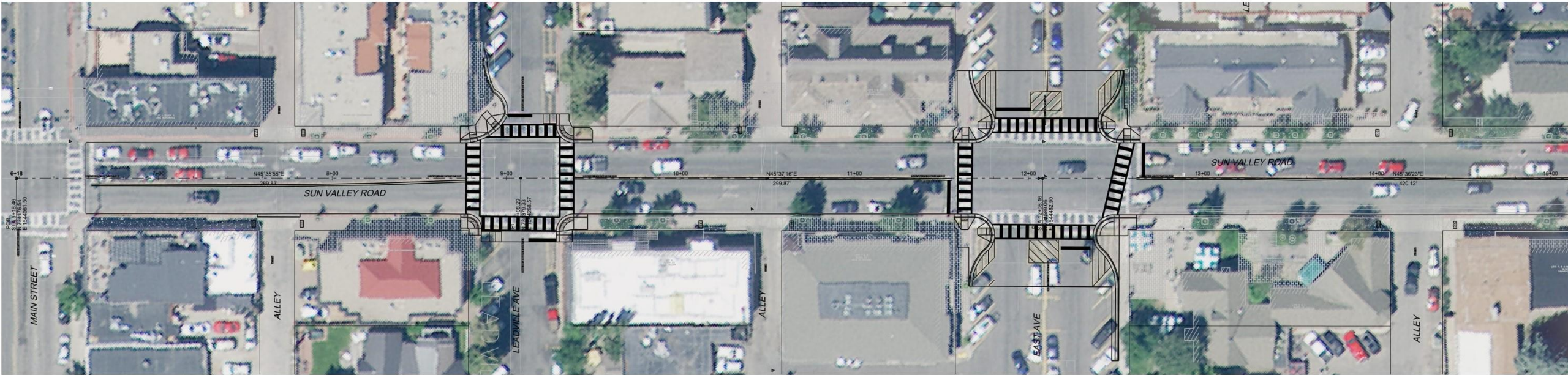
- Schedule

- Initial public open houses – January
- Final design submittal – January 31
- Bid advertising – February 14
- Bid opening – March 2
- **Construction kickoff (weather depending) – late April/early May³**



Capital Improvements Update

Mobility – Sun Valley Road





Capital Improvements Update
Mobility – Sun Valley Road

