



## City of Ketchum

February 22, 2022

Mayor Bradshaw and City Councilors  
City of Ketchum  
Ketchum, Idaho

Mayor Bradshaw and City Councilors:

### **Discussion Regarding a City Standard Paver for Downtown Projects**

#### Recommendation and Summary

Staff is seeking direction from Council on a preferred paver for downtown projects.

The reasons for the discussion are as follows:

- Continue support for ongoing efforts to enhance pedestrian infrastructure and safety within the Community Core (CC).
- Provide direction and consistency to contractors for paver installations throughout the CC.
- Provide direction on the vision for the Town Square and 4<sup>th</sup> Steet paver improvements.

#### Introduction and History

Providing a safe, complete, and comprehensive pedestrian circulation system is a vision of the City that has been identified in various plans and studies.

Many pavers used on Fourth Street and throughout the city have disintegrated, especially the small sized pavers. Staff evaluated recent paver installs in the Commercial Core and have provided a pros and cons comparison for Council to consider.

#### Sustainability Impact

Improved pedestrian walkways promote safety and walkability verses driving and reduces carbon emission from vehicles.

#### Financial Impact

None

#### Attachments:

Community Core Paver Comparison



## Community Core Paver Comparison

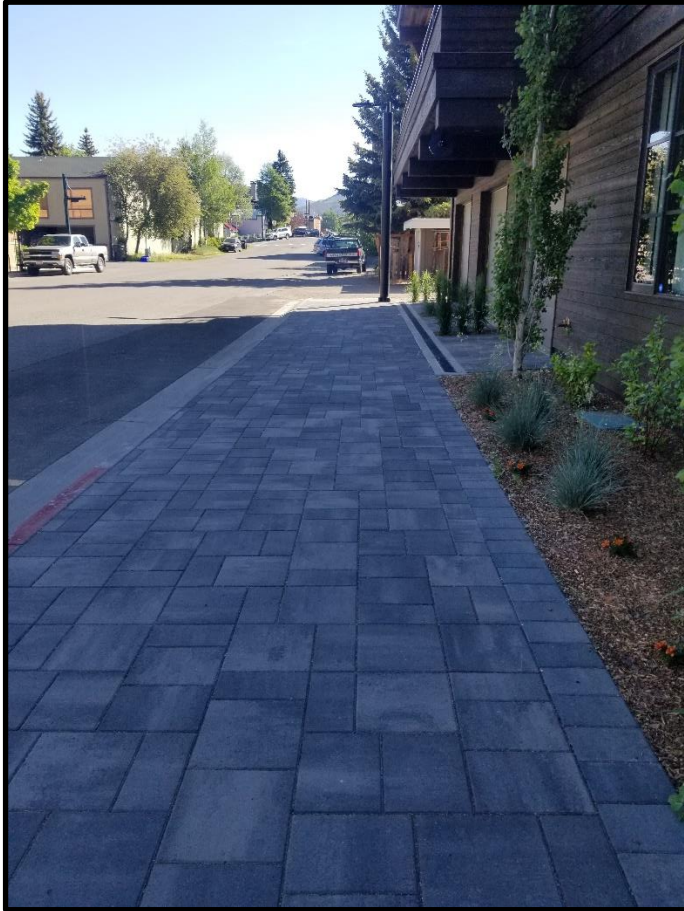
### Assumptions:

- Cost includes material and labor (Pavers, Sand, Install)
- Does not include the cost to remove the existing pavers
- Snowmelt is not included in the cost
- Average Block cost assumed an 8'x150' area

### Summary:

- Small pavers deteriorate at a faster rate
- De-icing salts and the freeze thaw cycle cause the pavers to deteriorate at a faster rate
- Natural Stone or porcelain pavers will stand up to de-icing salts longer but are significantly more expensive.
- The addition of a natural gas heat system will add \$10-\$12/sq ft, however the life of the paver will increase substantially by not having to use de-icing salts.

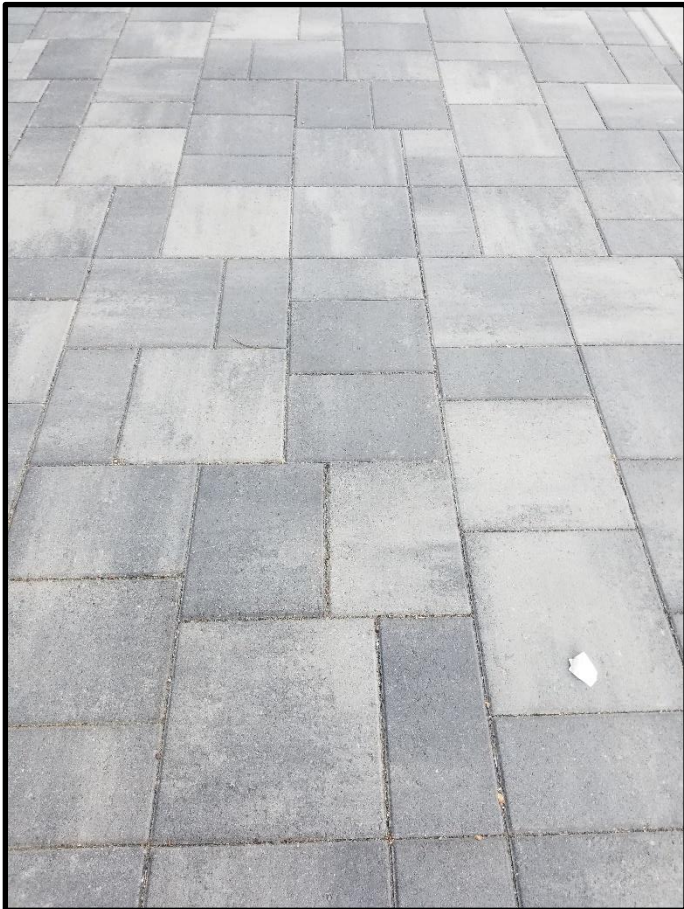
# Second and Second Pavers



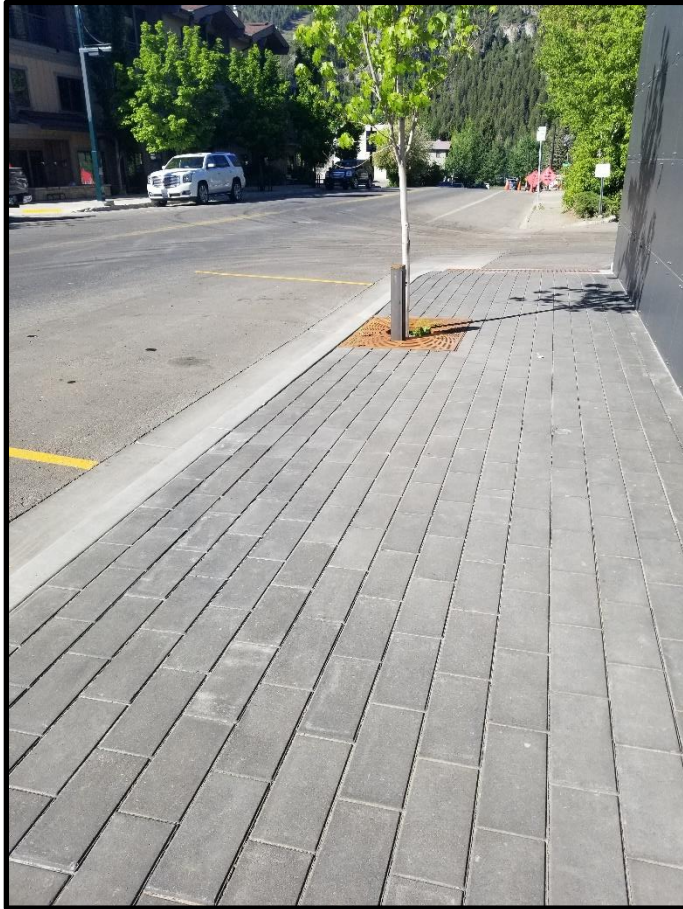
**Product:** Belgard Dublin Cobble  
**Size:** 3 Piece Mix 3x6, 6x6, 6x9  
**Cost:** \$8.35/Sq Ft + \$5/Sq Ft Install=\$13.35/Sq Ft  
**Average Block Cost:** \$16,020.00  
**Specifications:** Attached  
**Life Expectancy:** ~10-15 years

## Notes:

- Higher install cost due to the pattern



# Sun Valley and 1st Ave Pavers



**Product:** Abbotsford Classic Standard

**Size:** 9"x4.5"

**Cost:** \$7.00/Sq Ft + \$5/Sq Ft Install=\$12.00/Sq Ft

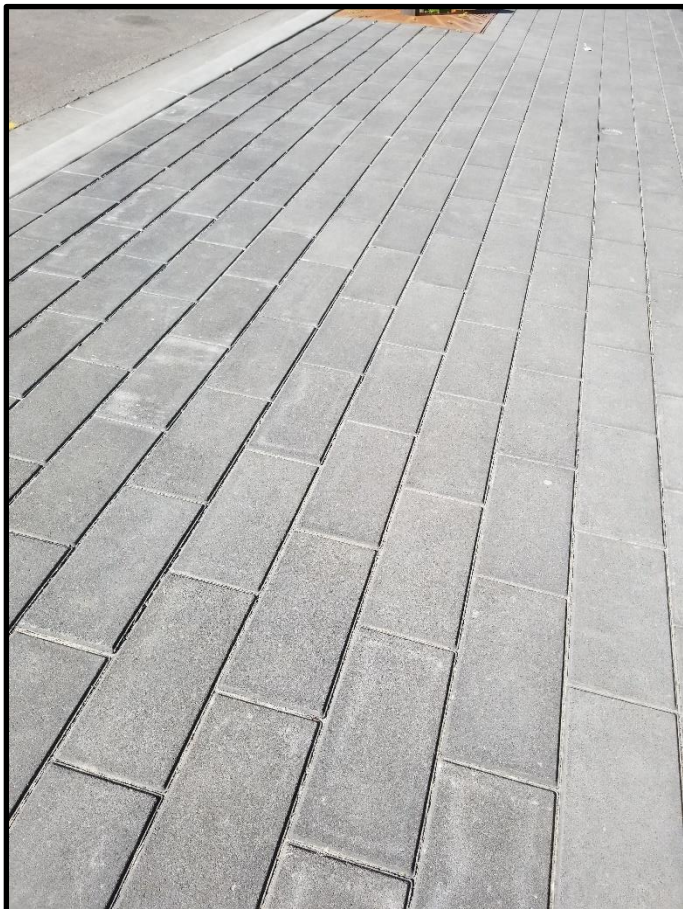
**Average Block Cost:** \$14,400.00

**Specifications:** Attached

**Life Expectancy:** ~10-15 years

**Notes:**

- Easy install
- Beveled edge will help to reduce sidewalk crumbling



# Community Library Pavers



**Product:** Mutual Materials Plank Paver

**Size:** 12"x3"

**Cost:** \$9.00/Sq Ft + \$5/Sq Ft Install=\$14/Sq Ft

**Average Block Cost:** \$16,800.00

**Specifications:** Attached

**Life Expectancy:** ~5-10 years

## Notes:

- This is a custom order paver
- Due to the size, the cost to install is higher
- Due to the size, these are more likely to break
- These are also more likely to deteriorate at a faster rate due to being long and narrow
- Small loose pieces are not the recommended setting



# Existing Fourth Street and Town Square Pavers



**Product:** Mutual Materials Roman Cobbles

**Size:** 7"x9"

**Cost:** \$5.59/Sq Ft + \$5/Sq Ft Install=\$10.59/Sq Ft

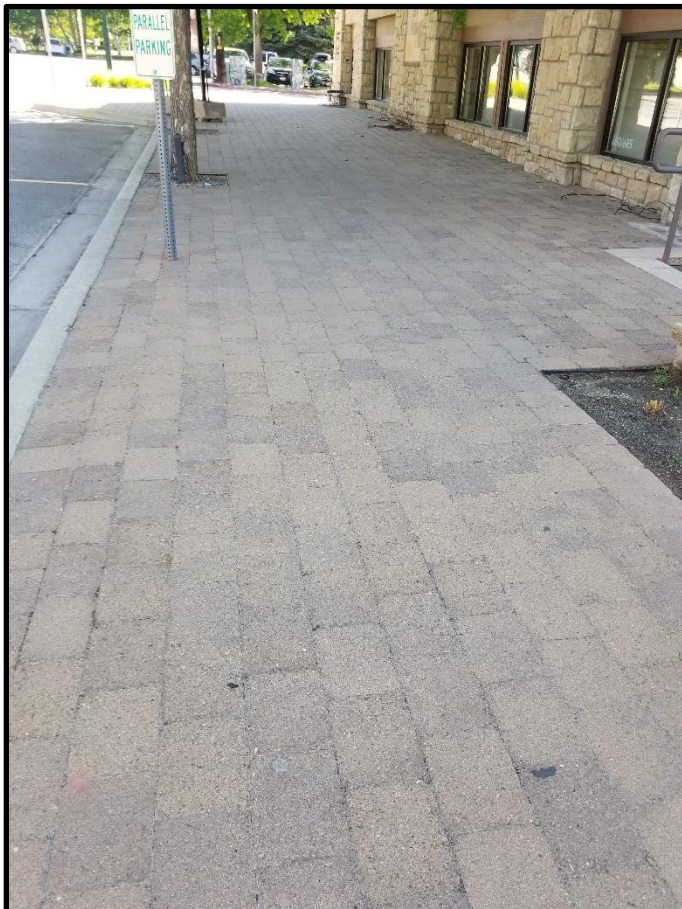
**Average Block Cost:** \$12,708.00

**Specifications:** Attached

**Life Expectancy:** ~10 years

## Notes:

- These have a shorter life span than the other pavers.
- Small cut pavers deteriorate faster.



				Estimate 2		Estimate 3		Estimate 4		Estimate 5		Estimate 5		Estimate 5		
				Library Sidewalk		Mutual Materials Plank Paver		Belgard Dublin Cobble		Abbotsford Classic Standard		Mutual Materials Roman Cobble		Concrete		
<b>QUALIFICATIONS</b>																
1		Construct Curb and Gutter	LF	150	\$65.00	\$9,750.00	\$65.00	\$9,750.00	\$65.00	\$9,750.00	\$65.00	\$9,750.00	\$65.00	\$9,750.00	\$65.00	\$9,750.00
2		Demo and Prep Curb and Gutter	LF	150	\$28.00	\$4,200.00	\$25.00	\$3,750.00	\$25.00	\$3,750.00	\$25.00	\$3,750.00	\$25.00	\$3,750.00	\$25.00	\$3,750.00
3		Demo and Prep Sidewalk	SF	1200	\$15.00	\$18,000.00	\$15.00	\$18,000.00	\$15.00	\$18,000.00	\$15.00	\$18,000.00	\$15.00	\$18,000.00	\$15.00	\$18,000.00
4		2" crushed aggregate subbase: 6" depth	TON	28	\$42.00	\$1,166.67	\$42.00	\$1,166.67	\$42.00	\$1,166.67	\$42.00	\$1,166.67	\$42.00	\$1,166.67	\$42.00	\$1,166.67
5		3/4" crushed aggregate base: 4" depth	TON	18	\$47.00	\$861.67	\$47.00	\$861.67	\$47.00	\$861.67	\$47.00	\$861.67	\$47.00	\$861.67	\$47.00	\$861.67
4		Construct Sidewalk	SF	1200											\$8.33	\$9,996.00
5		Color Concrete	SF	600	\$18.15	\$10,890.00										
6		Natural Concrete	SF	600	\$21.01	\$12,606.00										
7		Mutual Material Pavers	SF	600	\$7.35	\$4,410.00										
8		Mutual Material Pavers	SF	1200			\$9.00	\$10,800.00								
9		Bulgard Dublin Pavers	SF	1200					\$8.35	\$10,020.00						
10		Abbotsford Classic Standard	SF	1200							\$7.00	\$8,400.00				
11		Mutual Material Roman Cobbles (Existing)	SF	1200									\$5.59	\$6,708.00		
12		Paver Fill Sand	CY	27	\$27.00	\$729.00	\$27.00	\$729.00	\$27.00	\$729.00	\$27.00	\$729.00	\$27.00	\$729.00	\$27.00	\$729.00
13		Paver Labor	EA	100	\$50.00	\$5,000.00	\$50.00	\$5,000.00	\$50.00	\$5,000.00	\$50.00	\$5,000.00	\$50.00	\$5,000.00	\$50.00	\$5,000.00
#REF!		Heated Pavers	SF	1200			\$12.00	\$14,400.00	\$12.00	\$14,400.00	\$12.00	\$14,400.00	\$12.00	\$14,400.00	\$12.00	\$14,400.00
#REF!		Paver Inlay	SF	1200	\$5.83	\$6,996.00										
		TOTAL				<b>\$74,609.33</b>		<b>\$64,457.33</b>		<b>\$63,677.33</b>		<b>\$62,057.33</b>		<b>\$60,365.33</b>		<b>\$57,924.33</b>