Ivins City Staff Report
City Council Meeting 4/4/2024

Agenda Item: Approval of expenditure for 2024 streets pavement maintenance

Submitted by: Thomas J. Jorgensen, P.E., Assistant City Engineer

Recommended City Council Action:
Approve expenditure of $398,196.49 for 2024 streets pavement maintenance plus an additional $25,000 for contingency for a total of $423,196.49.

BACKGROUND:

Staff has identified the following amounts of pavement surfaces that need maintenance this year.

Streets: 1,031,468 square feet
Trails: 32,495 square feet

This year Staff is recommending using three different types of materials for our pavement maintenance program: Slurry Seal, Cape Seal (combination chip seal with slurry seal) and Premium Seal Coat.

These products are effective treatments for protecting asphalt streets from deterioration from sun and water while providing a renewed skid resistant wearing surface. A premium seal coat treatment provides an extended life of approximately 5-10 years but should only be applied to roadways that are in good to excellent condition. The slurry seal treatment provides an extended life of approximately 5-7 years. Slurry seal treatments are more suitable for roadways in average condition and that don't meet the condition requirements of the premium seal coat treatment. A cape seal treatment provides an extended life of approximately 7-10 years and is more suitable for roadways that are in moderate to poor condition. Cap seal is usually suitable for roadways that don't meet the condition requirements of either the slurry seal or the premium seal.

Staff has inspected the streets and trails to receive treatment this year and has determined which treatments are most suitable for each section; Premium Seal Coat (approx. 376,360 sqft) and Slurry Seal (approx. 224,512 sqft) and Cape Seal (approx. 463,091). A map has been attached showing which streets and trails are to receive which treatment.

FINDINGS AND ANALYSIS:

Formal Bids were received from several companies for the slurry seal and chip seal. We received no bids for the chip seal and had to reach out to individual companies for quotes. An informal bid was received for the premium seal coat. A summary of these bids and quotes is provided below:

Bid Schedule - Slurry Seal

Bid	Company	Total Bid	Notes
1	Asphalt Preservation	$116,892.51	Apparent Low Bidder
2	Morgan Pavement	$129,956.97	
3	M&M Services	$142,677.62	

Quote Schedule – Chip Seal

Bid	Company	Total Bid	Notes
1	Consolidated Paving & Concrete	$175,974.58	Apparent Low Quote

2	Advanced Paving and Construction	$199,129.13	
3	Hales Sand and Gravel	$250,069.14	

Quote Schedule – Premium Seal Coat

Bid	Company	Total Bid	Notes
1	Holbrook Asphalt	$105,329.40	

The apparent low bidder for the slurry seal was Asphalt Preservation. The apparent low quote for Chip Seal is Consolidated Paving & Concrete. Staff recommends awarding the slurry project to Asphalt Preservation and the chip seal project to Consolidated Paving & Concrete. Staff requests that the Council approve this expenditure.

Staff did not seek bids from other premium seal coat contractors due to a previously prepared in-house study that concluded that the material provided by other manufacturers needed to be 25% discounted compared to the product provided by Holbrook Asphalt. Staff is recommending that Council award the project to Holbrook asphalt and requests that the Council approve this expenditure.

It should also be noted that several of these roadways that are receiving treatment will need to be restriped. An estimate for restriping will be requested and will also be included as a recommended expense later.

SUPPORT MATERIALS:
Project Map – 2024

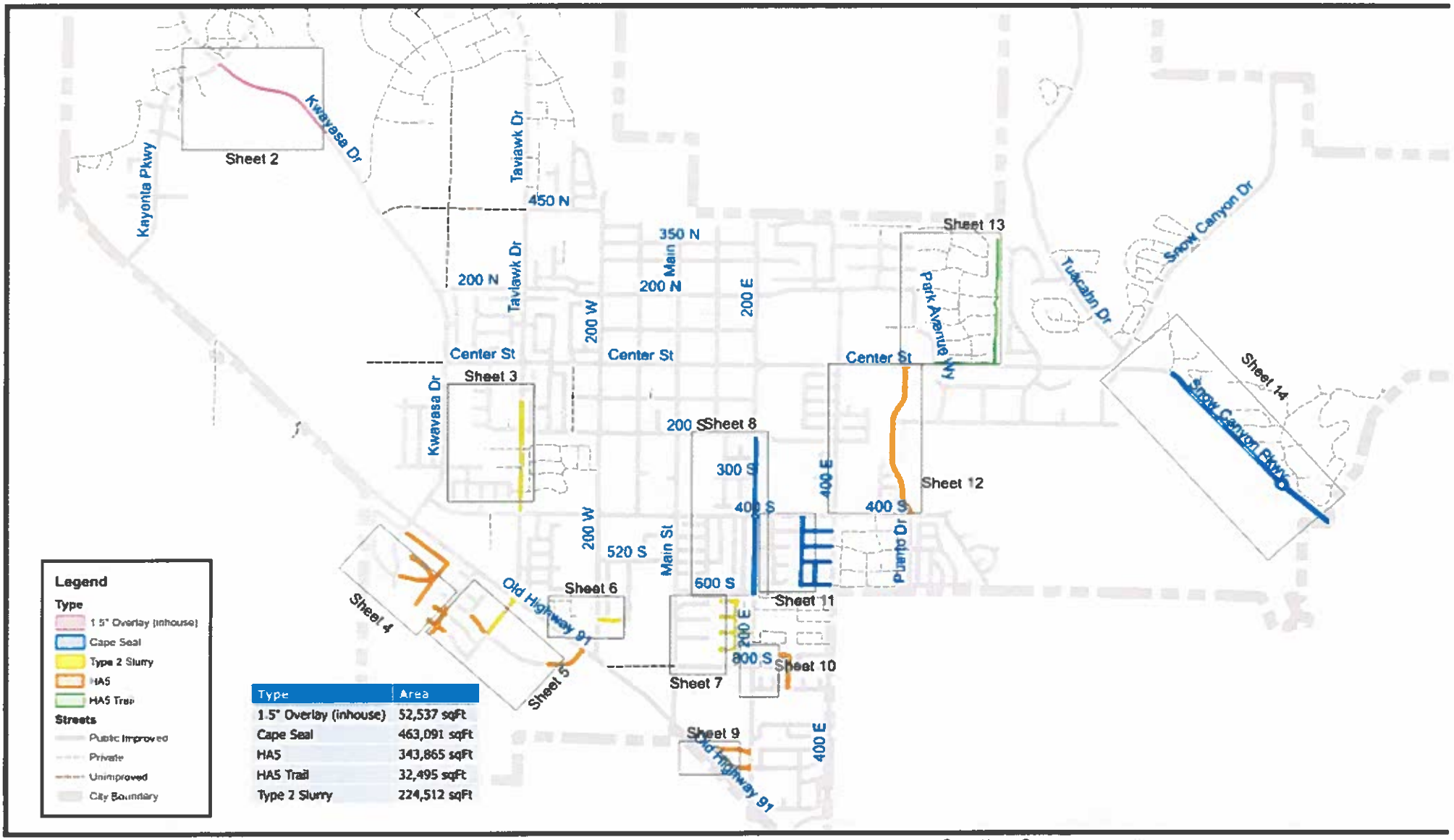
FINANCIAL IMPACT:
GL Code: Street Funds: 10-60-515: $423,196.49

Respectfully Submitted:

Thomas J. Jorgensen, P.E., Assistant City Engineer

Content Review:

Dale Coulam, City Manager



Type	Area
1.5" Overlay (inhouse)	52,537 sqFt
Cape Seal	463,091 sqFt
HA5	343,865 sqFt
HA5 Trail	32,495 sqFt
Type 2 Slurry	224,512 sqFt

Pavement Management Plan 2024

Public Works Department
GIS Mapping
(435) 634-0689

Date: 2/29/2024

1:19,200