



## **CITY OF MENIFEE**

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SUBJECT: Notice of Completion and Acceptance for the Audie Murphy Ranch Slurry Seal Project

MEETING DATE: March 6, 2024

TO: Mayor and City Council

PREPARED BY: Carlos Geronimo, Engineering Manager

REVIEWED BY: Nick Fidler, Public Works Director

APPROVED BY: Armando G. Villa, City Manager

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### **RECOMMENDED ACTION**

1. Accept the roadway improvements for the Audie Murphy Ranch Slurry Seal Project, Pavement Management Program Project No. 22-01, located along Newport Road, and west of Murrieta Road; and
2. Authorize the City Clerk to file a Notice of Completion with the Riverside County Recorder's Office.

### **DISCUSSION**

The Audie Murphy Ranch Slurry Seal Project ("Project") consisted of applying a slurry seal over the existing pavement and restriping roadways in the Audie Murphy Ranch community located along Newport Road, and west of Murrieta Road, as shown in the attached project location map. The Project was completed in two parts beginning with a crack seal which was completed in 2021, followed by slurry seal resurfacing within the identified Project areas.

On May 18, 2022, the City Council approved a total construction budget of \$480,000 for the slurry sealing portion of the Project and authorized the City Manager to approve a construction contract with VSS International, Inc. ("Contractor") in the amount of \$396,120. Work on the Project began shortly after the construction award and was anticipated for completion by late summer of 2022.

The Contractor initially reported completing the Project in August 2022. Inspections conducted by City staff determined that there were several locations throughout the Project where the work performed was faulty and not in compliance with the Project specifications. The Contractor was put on notice to remediate the issues and several separate approaches were undertaken to correct the work. The approaches and inspection result of each include the following:

- Providing an additional three months for the slurry product to fully cure in areas deemed faulty. Staff reinspected the work in December 2022 and found the areas to be further

deteriorated. The City contracted with a material testing consultant specialized in Pavement Applications to review the roadway and provide recommendations. Material testing determined that the aggregate source used reacted with the binder negatively and caused a lack of cohesion of the constituents and slow set up time.

- Provided application of an alternate aggregate for the slurry seal product to correct the issues. Staff agreed to allow the alternate product to be tested in areas with significant distress in Spring 2023. This product was applied in various cul-de-sacs where the original product failed and where there was significant damage to the slurry due to heavy vehicle turning movements.
- Application of a Type 1 slurry seal coat and application of a Tire Rubber Modified Surface Sealer (TRMSS) in July 2023 to remaining areas that had performance issues. The Project was inspected by staff in September 2023 and the work was accepted by staff and determined to be an effective solution to bring the work into compliance with the Project specifications.

Following final inspections in September 2023, staff accepted the remediation work and determined it complied with the Project specifications and was therefore complete. At this time all close-out documents have been received and reviewed. The original timeline for Project completion exceeded initial estimates as each attempt to address the Project deficiencies required multiple meetings between City staff and the Contractor, as well as coordination of the remediation work and additional inspections. Several factors had to be taken into consideration when scheduling including timing work with weather conditions, availability of material, and the availability of Contractor staff.

If approved, a Notice of Completion (NOC) would be filed, which protects the City from future claims against the Project by providing proper noticing to each contractor, subcontractor, and material supplier, that the Project has been completed. The payment bond would be released upon Project acceptance by the City and the performance bond would be released one year after the date of recording of the NOC. The City has not received any stop notices that would prevent said releases.

## **STRATEGIC PLAN OBJECTIVE**

Connectivity and Mobility

## **FISCAL IMPACT**

There is no fiscal impact associated with the acceptance of the improvements related to the Project. All costs to complete the Project were supported within previously approved Capital Improvement Program Budgets.

## **ATTACHMENTS**

1. Project Location Map
2. Notice of Completion
3. Close-Out Documents