



# **CITY OF OREGON CITY TRANSPORTATION ADVISORY COMMITTEE (TAC) AGENDA**

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**Virtual Meeting  
Tuesday, June 21, 2022 at 6:00 PM**

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**Contact [ameeker@orccity.org](mailto:ameeker@orccity.org) for the link to participate in the meeting**

## **CALL TO ORDER**

## **ROLL CALL**

## **APPROVAL OF THE MINUTES**

1. Approval of minutes from the May 17, 2022, Transportation Advisory Committee Meeting.

## **ADOPTION OF AGENDA (Agenda Analysis)**

Committee members have the opportunity to move items to New Business/Discussion Items from Communications if they are interested in discussion. The Committee may also add an item to the agenda with the consensus of the Committee.

## **PUBLIC COMMENTS**

Citizens are allowed up to 3 minutes to present information relevant to the City but not listed as an item on the agenda, however, the Chair has the discretion to waive limitations. Prior to speaking, citizens shall complete a comment form and deliver it to the Staff Member. When the Chair calls your name, proceed to the speaker table and state your name and city of residence into the microphone. The Transportation Advisory Committee Officers do not generally engage in dialog with those making comments but may refer the issue to the City Manager.

## **NEW BUSINESS / DISCUSSION ITEMS**

2. Traffic Modeling 101
3. Public Works Report

## **COMMUNICATIONS**

## **ADJOURNMENT**

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### **PUBLIC COMMENT GUIDELINES**

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*Complete a Comment Card prior to the meeting and submit it to the City Recorder. When the Mayor/Chair calls your name, proceed to the speaker table, and state your name and city of residence into the microphone. Each speaker is given three (3) minutes to speak. To assist in tracking your speaking time, refer to the timer on the table.*

*As a general practice, the City Commission does not engage in discussion with those making comments.*

*Electronic presentations are permitted but shall be delivered to the City Recorder 48 hours in advance of the meeting.*

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### **ADA NOTICE**

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*The location is ADA accessible. Hearing devices may be requested from the City Recorder prior to the meeting. Individuals requiring other assistance must make their request known 48 hours preceding the meeting by contacting the City Recorder's Office at 503-657-0891.*

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***Agenda Posted at City Hall, Pioneer Community Center, Library, City Website.***

***Video Streaming & Broadcasts: The meeting is streamed live on the Oregon City's website at [www.orcity.org](http://www.orcity.org) and available on demand following the meeting. The meeting can be viewed on Willamette Falls Television channel 28 for Oregon City area residents as a rebroadcast. Please contact WFMC at 503-650-0275 for a programming schedule.***



# CITY OF OREGON CITY

## Staff Report

625 Center Street  
Oregon City, OR 97045  
503-657-0891

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**To:** Transportation Advisory Committee      **Agenda Date:** 06/21/2022  
**From:** Senior Administrative Assistant – Audrey Meeker

**SUBJECT:**

Approval of minutes from the May 17, 2022, Transportation Advisory Committee Meeting.

**STAFF RECOMMENDATION:**

Approve the minutes

**OPTIONS:**

1. Approve the minutes
2. Disapprove the minutes



## 1. CALL TO ORDER AND ROLL CALL

The Transportation Advisory Committee (TAC) meeting of **Tuesday May 17, 2022** was called to order by Chair Henry Mackenroth at 6:10 PM via a virtual Zoom Meeting.

Committee members present included Ray Atkinson, Bruce Fries, Tim Morgan, Henry Mackenroth and Cedomir Jesic. Miles Tatch and Ben Simmons were absent.

Guests present included Mojie Takallou, Professor of Civil Engineering at the University of Portland. Petronella Donovan, a new member/Chamber representative joining the Transportation Advisory Committee on June 21, 2022, also attended.

Staff members present included John Lewis, Public Works Director; Dayna Webb, City Engineer; and Audrey Meeker, Senior Administrative Assistant.

## 2. APPROVAL OF THE MINUTES

Mr. Mackenroth **moved to approve** the minutes, and was **seconded** by Mr. Atkinson of the **April 19, 2022**, and it carried **unanimously** by the following vote: Aye: Fries, Jesic, and Morgan.

## 3. AGENDA ANALYSIS

- No changes were made to the agenda.

## 4. CITIZEN COMMENTS

- No citizen comments were made.

## 5. NEW BUSINESS/DISCUSSION ITEM

### a. Presentation of Road and Street Safety for Non-Engineers

Major points were as follows:

- Mojie Takallou, Professor of Civil Engineering at the University of Portland, gave a presentation "Road and Street Safety for Non-Engineers" sponsored by the U.S. Department of Transportation, National Highway Traffic Safety Administration, and the Transportation Safety Division of the Oregon Department of Transportation.
- This presentation included statistics about vehicle crashes and provided an

overview of what is needed to improve roadway safety.

- Mr. Takallou stated he would like to share his contact information. Mr. Takallou can be reached at 503-943-7437 or [takallou@up.edu](mailto:takallou@up.edu).

## **b. Public Works Report**

Major points were as follows:

- Dayna Webb, City Engineer, was in attendance to give an update on the following: Holcomb Boulevard Safe Routes to School and developments, Molalla Avenue, ADA Ramps, and ClackCo Connects Shuttle Surveys.
- Ms. Webb gave an update on Holcomb Boulevard Safe Routes to School Project Grant. Part One of the preliminary grant was scored “good,” which includes metrics such as speed, width of roadway, and how many are low income. Part Two is more subjective and will require support from the school, neighborhood, and elected parties. Ms. Webb has seen a letter of support from both Holcomb Elementary and the Park Place Neighborhood Association. The committee unanimously approved a letter of support for a grant request to update Holcomb Boulevard between Winston and the Serres Farm Subdivision.
- Ms. Webb reviewed the summary of the Molalla Avenue Survey. The feedback was primarily positive. The survey revealed that citizens who use public transportation found the improvements beneficial, and those who do not use public transportation did not. Other survey results revealed that citizens would have liked the utilities to be moved underground. To incorporate underground utilities as a part of the project would have required other grant projects to be eliminated and would add over \$1 million to the project cost.
- Oregon City and Tri-Met partnered on the Molalla project. Ms. Webb described bus stop terminology: near-side, mid-block, far-side, and in-lane versus pull-out. Tri-Met prefers far-sided stops for safety and rider convenience.
- Ms. Webb detailed the requirements for an ADA Ramp to be built. A ramp costs between \$10,000-\$15,000, and we generally add them into projects with road improvements. Between 20 – 30 new ADA ramps are usually built annually.
- Ms. Webb provided a review of the ClackCo Connects Shuttle usage. The shuttle ride is a 90-minute looped route. Currently there are active surveys to hear about what riders do and do not like about the shuttle service. In June, a survey will be launched to understand why non-riders do not use the shuttle. The gathered results from the surveys will be used to create modifications of the route and grow ridership.

## **6. COMMUNICATION**

- No communications were made.

**7. FUTURE AGENDA ITEM**

- No future agenda items were made.

**8. ADJOURNMENT**

There being no further business, the meeting adjourned at 8:10 pm.

Respectfully Submitted,

Audrey Meeker  
Senior Administrative Assistant



# CITY OF OREGON CITY

## Staff Report

625 Center Street  
Oregon City, OR 97045  
503-657-0891

**To:** Transportation Advisory Committee  
**From:** City Engineer, Dayna Webb

**Agenda Date:** 06/21/2022

### **SUBJECT:**

Traffic Modeling 101

### **DESCRIPTION:**

Traffic Modeling 101 presentation by Amanda Deering, Transportation Engineering Assistant, DKS Associates



# CITY OF OREGON CITY

## Staff Report

625 Center Street  
Oregon City, OR 97045  
503-657-0891

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**To:** Transportation Advisory Committee      **Agenda Date:** 06/21/2022  
**From:** Public Works Assistant Director Vance Walker

**SUBJECT:**

Public Works Report

**TOPICS:**

1. National Night Out notification – Vance Walker
2. Pavement Maintenance Utility Fee – Jayson Thornberg



Dear City Departments and Neighborhood Association Chairs,

You are invited to join the Oregon City Police Department as we celebrate America's annual *Night Out Against Crime*. National Night Out is a great event to promote neighborhood camaraderie and police-community partnerships in the pursuit of a safer nation.

### Event Details:

**Tuesday, August 2<sup>nd</sup>, 2022**

**5:30pm-8:00pm**

**End of the Oregon Trail, 1726 Washington Street**

City Departments and Neighborhood Associations are invited to participate at the event with an informational booth. Participants are encouraged to offer an engagement activity to promote community connections and information sharing.

**If interested in participating, please RSVP via email to: [pstewart@orccity.org](mailto:pstewart@orccity.org) by Friday, July 1<sup>st</sup>.**

Once participation is confirmed you will receive event setup and other information.

We look forward to seeing you at event!

City of Oregon City

GEOGRAPHIC INFORMATION SYSTEM

2022 Street Projects

Printed June 6, 2022

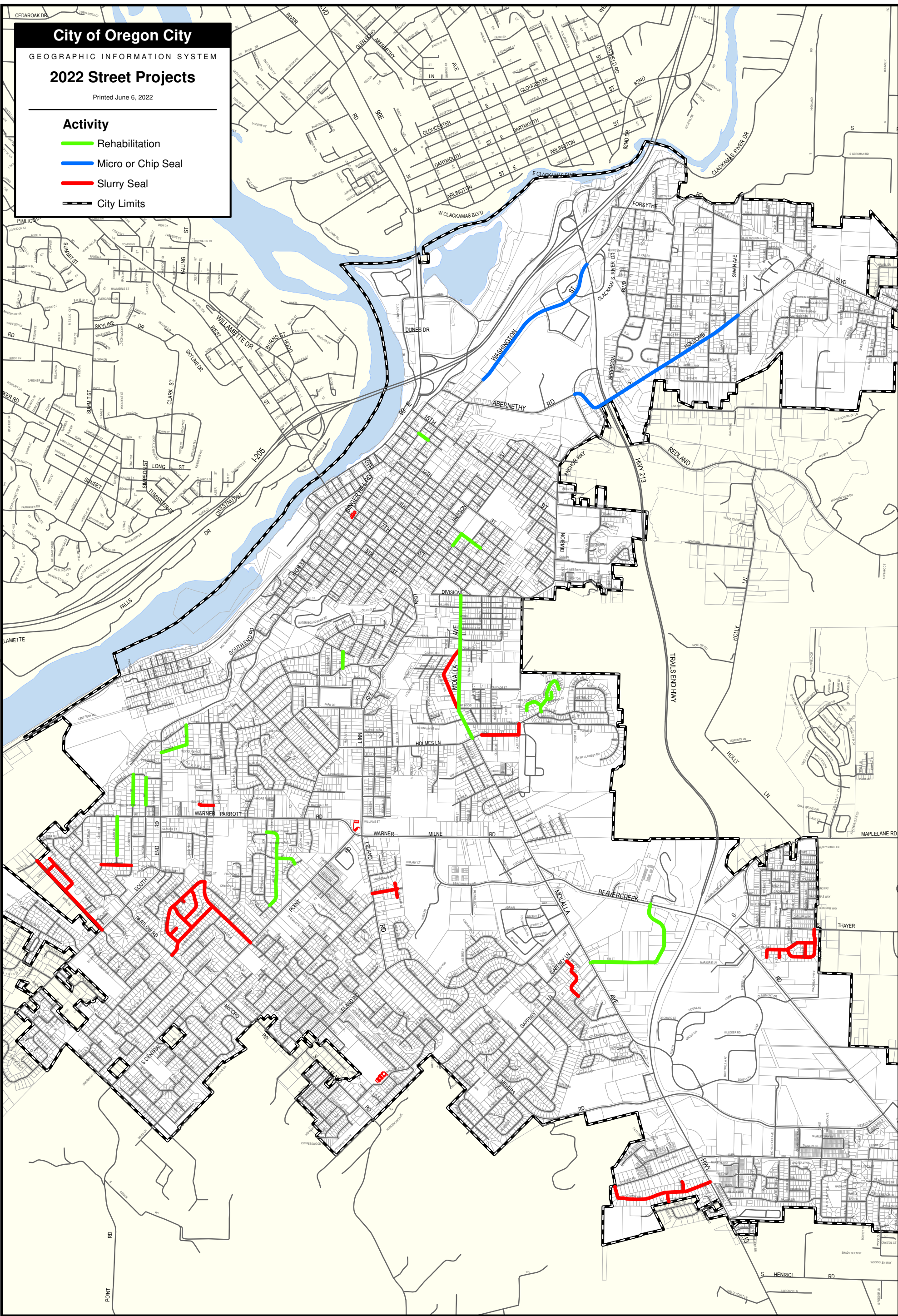
Activity

Rehabilitation

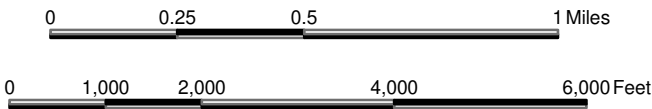
Micro or Chip Seal

Slurry Seal

City Limits



The City of Oregon City makes no representations, express or implied, as to the accuracy, completeness and timeliness of the information displayed. This map is not suitable for legal, engineering, or surveying purposes. Notification of any errors is appreciated.



City of Oregon City  
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625 Center St  
Oregon City, OR 97045  
503-657-0891 phone  
503-657-6629 fax  
[www.orecity.org](http://www.orecity.org)



Plot date: June 6, 2022  
Plot name: PMUF - 2022 All Projects Map - 20220606 - 11x17P.pdf  
Map name: PMUF - 2022 Projects Map - 20220606 - 11x17P.mxd

## 2022 PMUF Projects Overview

### Paving (Rehabilitation):

- Low bidder is S2 contractors with a bid of – \$2,647,457.00.
- Engineer estimate for the project – \$2,283,000.00.
- Low bid came in 16% over engineer estimate.
- Project streets and treatment:
  - 14<sup>th</sup> St. – Full depth rehabilitation w/7" of AC.
  - Anchor Way – 2" overlay with deeper spot repairs.
  - VanBuren St. – 2" grind & inlay.
  - 10<sup>th</sup> St. – 2" grind & inlay.
  - Ainsworth St. – 2" overlay w/fibers.
  - Peter Skene Way – 2" grind & 2"-3" inlay.
  - Markham Ct. - 2" grind & 2"-3" inlay.
  - Applegate Terrace - 2" grind & 2"-3" inlay.
  - Barker Rd. – 2" grind & 3" inlay.
  - Josephine St. – 2" overlay w/fibers.
  - Netzel St. - 2" overlay w/fibers.
  - Sunny Ln. - 2" overlay w/fibers.
  - Blue Ridge Dr. - 2" overlay w/fibers.
  - Allegheny Dr. - 2" overlay w/fibers.
  - Fir St. – 3" grind & 5" inlay.

### Chip Seal (Preventative):

- Low bidder is Sierra Santa Fe with a bid of \$300,578.00.
- Engineers estimate for the project - \$291,803.63.
- Low bid came in 3% over engineer estimate.

### Slurry Seal (Preventative):

- Low bidder is Black Line Inc. with a bid of - \$161,450.00.
- Engineers estimate for the project - \$185,049.00.
- Low bid came in 12% under engineer estimate.

**PMUF Project Expenditure Totals for 2022 = \$3,109,503.00.**

## Oregon City Roadway Reconstruction Project (PMUF)

CI 21-008

Bid Opening Recording Sheet

April 28, 2002 - 2 p.m.

| Number | Company                 | Total Amount |
|--------|-------------------------|--------------|
| 1      | Knife River Corporation | 2,996,526.10 |
| 2      | S-2 Contractors, Inc.   | 2,647,451.00 |
| 3      |                         |              |
| 4      |                         |              |
| 5      |                         |              |
| 6      |                         |              |
| 7      |                         |              |
| 8      |                         |              |
| 9      |                         |              |
| 10     |                         |              |
| 11     |                         |              |
| 12     |                         |              |

Engineer's Estimate \$ 2,283,000

Client City of Oregon City  
 Project CI 22-004 2022 Preventive Pavement Maintenance - Chip  
 Seal/Fog Seal and Striping

### Bid Tabulation

Date: 3/31/22 3:30 PM

Apparent Low

Other Bidders

| Item | Description                                                                  | Units | Quantity |
|------|------------------------------------------------------------------------------|-------|----------|
| 1    | Mobilization - Spec 210                                                      | LS    | 1        |
| 2    | Temporary Work Zone Traffic Control - Spec 225                               | LS    | 1        |
| 3    | 3/8" - No. 8 Fine - Polymer Modified Emulsified Asphalt Chip Seal - Spec 710 | SQ YD | 29487    |
| 4    | Emulsified Asphalt Fog Coat - Spec 705                                       | SQ YD | 41095    |
| 5    | Pavement Bar, Type B-HS - Spec 867                                           | SF    | 1177     |
| 6    | Thermoplastic, Extruded, Surface, Non-Profiled - Spec 865                    | LF    | 48911    |
| 7    | Pavement Legend, Type B-HS, Bike Symbol - Spec 867                           | Each  | 18       |
| 8    | Pavement Legend, Type B-HS, Arrow - Spec 867                                 | Each  | 10       |
| 9    | Bar Removal - Spec 225                                                       | Each  | 1177     |
| 10   | Legend Removal - Spec 225                                                    | SF    | 28       |

| Engineers Estimate |               | Sierra Santa Fe Corporation |               |
|--------------------|---------------|-----------------------------|---------------|
| Unit Price         | Extended      | Unit Price                  | Extended      |
| \$ 30,000.00       | \$ 30,000.00  | \$ 24,500.00                | \$ 24,500.00  |
| \$ 40,000.00       | \$ 40,000.00  | \$ 61,441.15                | \$ 61,441.15  |
| \$ 4.32            | \$ 127,383.84 | \$ 3.35                     | \$ 98,781.45  |
| \$ 0.79            | \$ 32,465.05  | \$ 1.15                     | \$ 47,259.25  |
| \$ 9.22            | \$ 10,851.94  | \$ 8.55                     | \$ 10,063.35  |
| \$ 0.78            | \$ 38,150.58  | \$ 0.90                     | \$ 44,019.90  |
| \$ 267.70          | \$ 4,818.60   | \$ 260.00                   | \$ 4,680.00   |
| \$ 284.68          | \$ 2,846.80   | \$ 265.00                   | \$ 2,650.00   |
| \$ 2.66            | \$ 3,130.82   | \$ 3.70                     | \$ 4,354.90   |
| \$ 77.00           | \$ 2,156.00   | \$ 101.00                   | \$ 2,828.00   |
|                    | \$ 291,803.63 | 3.0%                        | \$ 300,578.00 |

| Doolittle Construction LLC |               |
|----------------------------|---------------|
| Unit Price                 | Extended      |
| \$ 50,000.00               | \$ 50,000.00  |
| \$ 85,000.00               | \$ 85,000.00  |
| \$ 4.90                    | \$ 144,486.30 |
| \$ 0.80                    | \$ 32,876.00  |
| \$ 8.10                    | \$ 9,533.70   |
| \$ 0.85                    | \$ 41,574.35  |
| \$ 245.00                  | \$ 4,410.00   |
| \$ 250.00                  | \$ 2,500.00   |
| \$ 3.50                    | \$ 4,119.50   |
| \$ 100.00                  | \$ 2,800.00   |
| 29.3%                      | \$ 377,299.85 |

Note:

# 2022 Oregon City Slurry Seal Engineers Estimate

Item #3.

| 2022 projected slurry seal project cost: | Jayson Budget       | Blackline Inc. (low bidder) |
|------------------------------------------|---------------------|-----------------------------|
| Move in                                  | \$15,000            | \$8,000                     |
| Traffic Control                          | \$30,000            | \$11,000                    |
| Emulsion 80,028 sq yd                    | (@\$1.75) \$140,049 | (@ \$1.78) \$142,449.84     |
| Total slurry seal cost                   | \$185,049           | \$161,450                   |

| SCHEDULE "B": SLURRY SEALS<br>2022 PAVEMENT MANAGEMENT PROGRAM (ITB#202201-10002) |                                                                                 |         |          | ENGINEER'S ESTIMATE |               | Blackline, Inc. |               | VSS International, Inc. |                 | Doolittle Construction LLC |                 |
|-----------------------------------------------------------------------------------|---------------------------------------------------------------------------------|---------|----------|---------------------|---------------|-----------------|---------------|-------------------------|-----------------|----------------------------|-----------------|
| ITEM #                                                                            | DESCRIPTION                                                                     | UNIT    | QUANTITY | UNIT PRICE          | AMOUNT        | UNIT PRICE      | AMOUNT        | UNIT PRICE              | AMOUNT          | UNIT PRICE                 | AMOUNT          |
| 1.                                                                                | Move-in, Bond, Insurance, Clean-up                                              |         |          |                     |               |                 |               |                         |                 |                            |                 |
|                                                                                   | A. City of Beaverton                                                            | L.S.    | All      | \$ 10,000.00        | \$ 10,000.00  | \$ 8,000.00     | \$ 8,000.00   | \$ 11,955.00            | \$ 11,955.00    | \$ 50,000.00               | \$ 50,000.00    |
|                                                                                   | B. City of Gladstone                                                            | L.S.    | All      | \$ 10,000.00        | \$ 10,000.00  | \$ 7,000.00     | \$ 7,000.00   | \$ 11,955.00            | \$ 11,955.00    | \$ 15,000.00               | \$ 15,000.00    |
|                                                                                   | C. City of Hillsboro                                                            | L.S.    | All      | \$ 10,000.00        | \$ 10,000.00  | \$ 8,000.00     | \$ 8,000.00   | \$ 11,955.00            | \$ 11,955.00    | \$ 27,000.00               | \$ 27,000.00    |
|                                                                                   | D. City of Oregon City                                                          | L.S.    | All      | \$ 10,000.00        | \$ 10,000.00  | \$ 8,000.00     | \$ 8,000.00   | \$ 11,955.00            | \$ 11,955.00    | \$ 27,000.00               | \$ 27,000.00    |
|                                                                                   | E. City of Wilsonville                                                          | L.S.    | All      | \$ 10,000.00        | \$ 10,000.00  | \$ 8,000.00     | \$ 8,000.00   | \$ 11,955.00            | \$ 11,955.00    | \$ 27,000.00               | \$ 27,000.00    |
|                                                                                   |                                                                                 |         |          |                     |               |                 |               |                         |                 |                            |                 |
| 2.                                                                                | Traffic Control and Public Notification                                         |         |          |                     |               |                 |               |                         |                 |                            |                 |
|                                                                                   | A. City of Beaverton                                                            | L.S.    | All      | \$ 20,000.00        | \$ 20,000.00  | \$ 15,000.00    | \$ 15,000.00  | \$ 39,510.00            | \$ 39,510.00    | \$ 25,000.00               | \$ 25,000.00    |
|                                                                                   | B. City of Gladstone                                                            | L.S.    | All      | \$ 20,000.00        | \$ 20,000.00  | \$ 12,000.00    | \$ 12,000.00  | \$ 25,541.00            | \$ 25,541.00    | \$ 8,000.00                | \$ 8,000.00     |
|                                                                                   | C. City of Hillsboro                                                            | L.S.    | All      | \$ 20,000.00        | \$ 20,000.00  | \$ 12,000.00    | \$ 12,000.00  | \$ 40,589.42            | \$ 40,589.42    | \$ 20,000.00               | \$ 20,000.00    |
|                                                                                   | D. City of Oregon City                                                          | L.S.    | All      | \$ 20,000.00        | \$ 20,000.00  | \$ 11,000.00    | \$ 11,000.00  | \$ 24,760.00            | \$ 24,760.00    | \$ 15,000.00               | \$ 15,000.00    |
|                                                                                   | E. City of Wilsonville                                                          | L.S.    | All      | \$ 20,000.00        | \$ 20,000.00  | \$ 11,000.00    | \$ 11,000.00  | \$ 38,670.00            | \$ 38,670.00    | \$ 15,000.00               | \$ 15,000.00    |
|                                                                                   |                                                                                 |         |          |                     |               |                 |               |                         |                 |                            |                 |
| 3.                                                                                | Street Preparation and Application of Type II Asphalt Emulsion Slurry Seal      | SQ. YD. | 440,549  | \$ 1.70             | \$ 748,933.30 | \$ 1.78         | \$ 784,177.22 | \$ 1.85                 | \$ 815,015.65   | \$ 2.23                    | \$ 982,424.27   |
|                                                                                   |                                                                                 |         |          |                     |               |                 |               |                         |                 |                            |                 |
|                                                                                   |                                                                                 |         |          |                     |               |                 |               |                         |                 |                            |                 |
| 4.                                                                                | Install/Replace Pavement Markings per Manual of Uniform Traffic Control Devices |         |          |                     |               |                 |               |                         |                 |                            |                 |
|                                                                                   | A. Arrows, Left Turn, Thermoplastic                                             | EA.     | 2        | \$ 300.00           | \$ 600.00     | \$ 300.00       | \$ 600.00     | \$ 272.85               | \$ 545.70       | \$ 362.25                  | \$ 724.50       |
|                                                                                   | B. Reflective Raised Pavement Markers, Bidirectional, Blue                      | EA.     | 181      | \$ 25.00            | \$ 4,525.00   | \$ 10.25        | \$ 1,855.25   | \$ 10.17                | \$ 1,840.77     | \$ 49.68                   | \$ 8,992.08     |
|                                                                                   | C. Reflective Raised Pavement Markers, Bidirectional, Yellow                    | EA.     | 43       | \$ 25.00            | \$ 1,075.00   | \$ 6.25         | \$ 268.75     | \$ 5.89                 | \$ 253.27       | \$ 20.70                   | \$ 890.10       |
|                                                                                   | D. Striping, White, 4", Thermoplastic                                           | L.F.    | 165      | \$ 1.00             | \$ 165.00     | \$ 4.25         | \$ 701.25     | \$ 3.75                 | \$ 618.75       | \$ 3.11                    | \$ 513.15       |
|                                                                                   | E. Striping, White, 6", Thermoplastic                                           | L.F.    | 2,891    | \$ 1.50             | \$ 4,336.50   | \$ 2.50         | \$ 7,227.50   | \$ 2.09                 | \$ 6,042.19     | \$ 4.66                    | \$ 13,472.06    |
|                                                                                   | F. Striping, White, 8", Thermoplastic                                           | L.F.    | 342      | \$ 1.50             | \$ 513.00     | \$ 2.10         | \$ 718.20     | \$ 1.77                 | \$ 605.34       | \$ 6.21                    | \$ 2,123.82     |
|                                                                                   | G. Striping, White, 12", Thermoplastic                                          | L.F.    | 1,473    | \$ 9.00             | \$ 13,257.00  | \$ 12.25        | \$ 18,044.25  | \$ 12.31                | \$ 18,132.63    | \$ 12.42                   | \$ 18,294.66    |
|                                                                                   | H. Striping, Yellow, 4", Thermoplastic                                          | L.F.    | 4,462    | \$ 1.00             | \$ 4,462.00   | \$ 2.00         | \$ 8,924.00   | \$ 1.44                 | \$ 6,425.28     | \$ 3.11                    | \$ 13,876.82    |
|                                                                                   |                                                                                 |         |          |                     |               |                 |               |                         |                 |                            |                 |
|                                                                                   |                                                                                 |         |          | TOTAL               | \$ 927,866.80 |                 | \$ 922,516.42 |                         | \$ 1,078,325.00 |                            | \$ 1,270,311.46 |
|                                                                                   |                                                                                 |         |          |                     |               |                 |               |                         |                 | WRITTEN TOTAL:             | \$ 1,270,281.10 |
|                                                                                   |                                                                                 |         |          |                     |               |                 |               |                         |                 |                            |                 |
|                                                                                   |                                                                                 |         |          |                     |               |                 |               |                         |                 |                            |                 |
|                                                                                   |                                                                                 |         |          |                     |               |                 |               |                         |                 |                            |                 |
|                                                                                   |                                                                                 |         |          |                     |               |                 |               |                         |                 |                            |                 |