



**TO THE HONORABLE MAYOR AND COUNCIL:**

DATE: June 10, 2014

**SUBJECT: AWARD A CONSTRUCTION CONTRACT IN THE AMOUNT OF \$994,729 (BASE BID PLUS ALTERNATE NO. 2) TO INTERMOUNTAIN SLURRY SEAL, INC. OF RENO, NEVADA; APPROVE AN ASSOCIATED BUDGET TRANSFER IN THE AMOUNT OF \$81,000 FOR PROJECT NO. 2267 (FY 2013-14 SLURRY AND CAPE SEAL PAVEMENT MAINTENANCE PROJECT-VARIOUS LOCATIONS); (FUNDED BY: MEASURE J & GAS TAX FUNDS)**

**Report in Brief**

Project No. 2267 (FY 2013-2014 Slurry and Cape Seal Pavement Maintenance Project – Various Locations) will construct slurry seal and cape seal improvements along 52 City streets in various locations throughout the City. The project also includes a limited amount of asphalt repairs and the replacement of faded pavement markings and legends on portions of Kirker Pass Road, Clayton Road, Ygnacio Valley Road, Pine Hollow Road and Alberta Way.

Bids were opened at 10:00 a.m. on Tuesday, April 29, 2014. Intermountain Slurry Seal, Inc. (Intermountain) of Reno, Nevada submitted the lowest total responsive and responsible bid in the amount of \$1,267,267 (Base Bid plus Alternate No. 1 and Alternate No. 2.) Intermountain has an appropriate, valid contractor's license and satisfactory work references. The pavement maintenance and rehabilitation project is funded by Measure J and Gas Tax funds.

Staff recommends that the City Council award a Construction Contract for Project No. 2267 (FY 2013-14 Slurry and Cape Seal Pavement Maintenance Project – Various Locations) in the amount of \$994,729 (Base Bid plus Alternate No. 2) to Intermountain Slurry Seal, Inc. of Reno, Nevada; approve an associated budget transfer from Project No. 2282 (Battery Backup for Traffic Signals) funded with Street Maintenance funds in the amount of \$81,000 to provide needed striping improvements on Ygnacio Valley Road;

**Background**

Project No. 2267 is the FY 2013-14 "spin off" of Project No. 2157 (Pavement Management Annual Program – holding account) and is funded predominantly with Measure J funds. Each year, as staff determines which preservation strategy or combination of strategies to implement, funding for that fiscal year is transferred to a new project for expenditure tracking purposes.

The slurry sealing of streets is the single most cost effective means to preserve a pavement's condition and thereby reduce long term pavement operations and maintenance cost. Street slurry sealing and cape sealing replaces the fine aggregates stripped from the pavement surface, reduces water penetration into the roadway base and thereby reduces base failures and the resultant damage that is more costly to repair. Several factors are considered when selecting which streets to surface seal,

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including the City's computer based pavement management system recommendations, visual observation of the streets by Engineering staff, consultation with Public Works Infrastructure Maintenance staff and other adjacent or associated work such as utility repair and installation projects. The work generally includes limited asphalt repairs, removal of existing pavement striping and marking, installation of temporary striping and markings during construction, the application of slurry and cape seals, and installation of permanent striping and marking. This year's project includes the slurry and/or cape sealing of 31 lane-miles of City streets, as shown on the attached map and as listed below.

During the development of this year's pavement rehabilitation project, Engineering staff coordinated with Public Works Maintenance staff regarding deteriorating striping and markings on certain high traffic streets and the need to refresh the markings to improve visibility. These locations were included in the project as a bid alternate (Alternate No. 2) as they could not be accomplished with City forces, as well as to allow for cost effective installation concurrent with other striping activities. This strategy also allows the City's Signs & Markings crews to keep up with their regularly scheduled traffic maintenance work. Alternate No. 2 will install striping and pavement markings on approximately 4 miles of city streets. Public Works' Street Maintenance division will be providing funding in the amount of \$81,000. There are sufficient funds remaining in the recently completed PW Project No. 2282 (Battery Backup for Traffic Signals) to cover these costs, pending Council approval of the budget transfer.

As bid, the FY13-14 Slurry and Cape Seal Pavement Maintenance Project (Various Locations) consists of a Base Bid and two Bid Alternates, as follows:

Base Bid

***CAPE SEAL TREATMENT***

Calaveras Drive, from Mendocino Street to Denkinger Court  
Carson Street, from Lillian Drive to Mendocino Street  
Denkinger Court, from Denkinger Road to Clayton Road  
E Nulty Drive, from Mendocino Street to Calaveras Drive  
Joyce Drive, from West Street to Lillian Drive  
Lillian Drive, from West Street to Nulty Drive  
Modoc Court, from Mendocino Drive to End  
Nulty Drive, from Lillian Drive to Mendocino Drive  
Tulare Court, from Mendocino Drive to End  
Tulare Drive, from Lillian Drive to Mendocino Drive

***SLURRY SEAL TREATMENT***

Ambleside Drive, from Autumn Oak Circle to Autumn Oak Circle  
Aspenwood Court, from Deer Spring Circle to End cul-de-sac  
Autumn Oak Circle, from Crystyl Ranch Drive to Crystyl Ranch Drive  
Barkwood Court, from Autumn Oak Circle to End  
Burnett Avenue (EB), from Highway 680 to Meridian Park Boulevard  
Coralwood Drive, from Aspenwood Court to End  
Crystyl Ranch Drive, from Woodleaf Court to Hiddencrest Court

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Dawnview Court, from Crystyl Ranch Drive to End  
Deer Spring Circle, from Woodleaf Court to Deer Spring Circle  
Diamond Boulevard (NB), from Willow Way to Concord Avenue  
Fawn Glen Court, from Fernbank Drive to End  
Fernbank Drive, from Woodleaf Court to Shadybrook Drive  
Galaxy Way, from John Glenn Drive to Meridian Boulevard  
Galaxy Way (WB), from Meridian Boulevard to Diamond Boulevard  
Glenwillow Lane, from Rolling Woods Way to End  
Heather Green Court, from Crystyl Ranch Drive to End  
Hiddencrest Court, from Crystyl Ranch Drive to End  
Hiddenwood Court, from Fawn Glen Court to End  
Homedale Drive, from Maple Gate Court to Rose Hedge Court  
John Glenn Drive, from Burnett Avenue to Concord Avenue  
Laurel Tree Drive, from Crystyl Ranch Drive to Hiddencrest Court  
Maplegate Court, from Crystyl Ranch Drive to End  
Meridian Park Boulevard (SB), from Concord Avenue to Willow Way  
Oakpoint Court, from Rolling Woods Way to End  
Oakstone Court, from Deer Spring Circle to End  
Oliveglen Court, from Fernbank Drive to End  
Paso Del Rio Court, from Glenwillow Lane to End  
Rolling Woods Way, from Crystyl Ranch Drive to Glenwillow Lane  
Rosehedge Court, from Crystyl Ranch Drive to End  
Shadybrook Drive, from Rolling Woods Way to Crystyl Ranch Drive  
Vista Point Lane, from Rolling Woods Way to end of Vista Point Lane  
Vista Point Court, from Vista Point Lane to End  
Wildrose Court, from Rolling Woods Way to End  
Willow Way (WB), from Diamond Boulevard to Meridian Park Boulevard  
Woodgrove Court, from Rolling Woods Way to End  
Woodhollow Court, from Deer Spring Circle to End  
Woodleaf Court, from Deer Spring Circle to End  
Ygnacio Woods Court, from Treat Blvd to End

Alternate No. 1 Bid (Additional work on street segments already included in the Base Bid)

Burnett Avenue (WB), from Highway 680 to Meridian Park Boulevard  
Burnett Avenue, from John Glenn Drive to Meridian Park Boulevard  
Diamond Boulevard (SB), from Willow Way to Concord Avenue  
Galaxy Way (EB), from Meridian Boulevard to Diamond Boulevard  
Meridian Park Boulevard (NB), from Concord Avenue to Willow Way  
Willow Way (EB), from Diamond Boulevard to Meridian Park Boulevard

Alternate No. 2 Bid (striping/markings improvements only)

Kirker Pass Road, from Clayton Road to City Limits  
Clayton Road, from 232' West of Kirker Pass Road to 200' East of Kirker Pass Road  
Ygnacio Valley Road, from Clayton Road to Cowell Road

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Pine Hollow Road, from Ygnacio Valley Road to 200' South of Ygnacio Valley Road  
Alberta Way, from Ygnacio Valley Road to 140' North of Ygnacio Valley Road

The basis of award for this project is the Base Bid plus the Add Alternates. The City reserved the right to add or not add any combination of the Add Alternates at its own discretion.

Bids were opened at 10:00 a.m. on Tuesday, April 29, 2014. Six (6) bids were received, ranging from \$1,267,267 to \$1,684,317, as shown on the Bid Summary (Attachment 2). The Engineer's Estimate was \$1,214,780; Intermountain submitted the low bid of \$1,267,267 (Base Bid = \$914,212, Alternate No.1 = \$272,538, Alternate No. 2 = \$80,527.)

### **Discussion**

This project has a total construction budget of \$1,100,000 (\$1,000,000 contract work, plus a 10% contingency for any contract change order work.) The bid schedule consisted of a base bid and two add alternates. As mentioned above, the City reserved the right to add or detract any combination of the add alternates with the intention to complete as much work as the project budget could afford.

### **Bid Alternates**

The streets included in the base bid were selected based on existing Pavement Condition Index (PCI) levels, as well as field observations. Additionally, in an effort to coordinate this project with work completed by the Central Contra Costa Sanitary District (CCCSD) segments of Burnett Ave (EB), Diamond Blvd (NB), Galaxy Way (WB), Meridian Park Blvd (SB), and Willow Way (WB) (CCCSD's work area) were included in the project scope. The City received \$64,650 from CCCSD in lieu of providing a slurry seal treatment over their trench restoration work. The in-lieu fee and necessary pavement rehabilitation was added to the scope of PJ2267. Field inspections revealed that the trench area was in better condition than the adjacent pavement, which showed load-related distresses that needed to be repaired prior to the slurry seal.

The majority of CCCSD's work area includes streets containing median islands. In an effort to ensure the project could be completed within budget, only the side of the street with the trench-work was included in the base bid. The other side of the street (the other side of the median island) was separated and included in the bid schedule as Alternate No.1. The strategy being, if bids came in low enough to afford repairs identified in Bid Alternate No. 1, the City would include it in the construction contract. Unfortunately, the responsive and responsible low bid did not come in low enough to enable the project to afford awarding Alternate No. 1. Thus, staff is not recommending including Alternate No. 1 in the contract award.

Bid Alternate No. 2 was added to PJ2267 at the request of the City's Public Works (PW) Department and will be funded with Street Maintenance funds. This work will provide needed striping improvements on Ygnacio Valley Road which are outside the project area. Staff recommends including Alternate No. 2 in the construction contract for PJ2267.

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Intermountain has confirmed that they are comfortable with their bid and ready to perform the work as bid. Staff has completed its analysis of Intermountain's bid, determining that Intermountain possesses an appropriate and valid contractor's license, and has satisfactory references and experience in the construction of similar projects.

**Fiscal Impact**

This project has a total construction budget of \$1,100,000 (\$1,000,000 contract work, plus a 10% contingency for any contract change order work.) As mentioned above, Bid Alternate No. 2 was added to the project at the request of the City's Public Works (PW) Department and will be funded with Street Maintenance funds. There are sufficient funds remaining in the recently completed PW Project No. 2282 (Battery Backup for Traffic Signals) to fund this additional work. Staff requests \$81,000 from PJ2282 be transferred to PJ2267 (Fund 262). The quotation for Alternate No. 1 did not come in low enough to enable the project to afford an award.

**Public Contact**

The City Council Agenda was posted.

**Recommendation for Action**

Staff recommends that the City Council award a Construction Contract for Project No. 2267 (FY 2013-14 Slurry and Cape Seal Pavement Maintenance Project – Various Locations) in the amount of \$994,729 (Base Bid plus Alternate No. 2) to Intermountain Slurry Seal, Inc. of Reno, Nevada; approve an associated budget transfer from Project No. 2282 (Battery Backup for Traffic Signals) funded with Street Maintenance funds in the amount of \$81,000 to provide needed striping improvements on Ygnacio Valley Road; and authorize the Mayor to execute the agreement.

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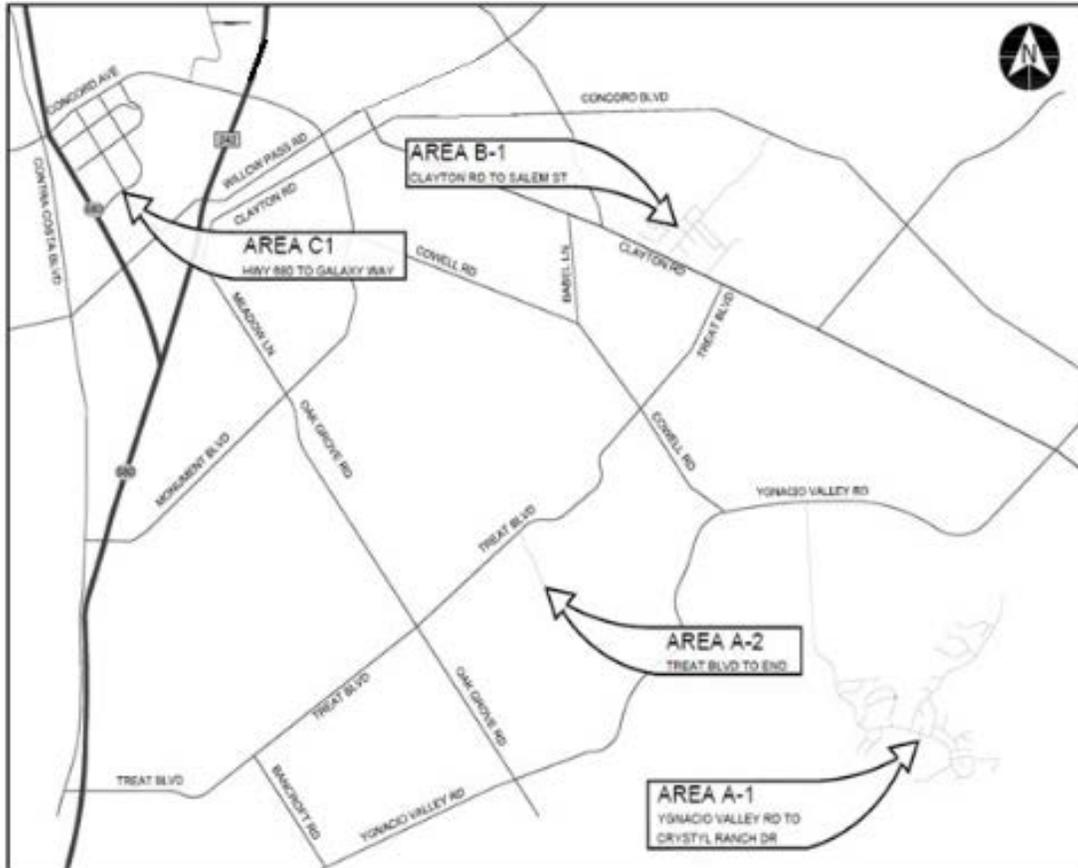
Valerie J. Barone

City Manager

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Attachment 1 – Location Map

Attachment 2 – Bid Results



## **LOCATION MAP**

PROJECT NO. 2267

FY2013-14 SLURRY AND CAPE SEAL PAVEMENT  
MAINTENANCE PROJECT – VARIOUS LOCATIONS  
NO SCALE

### Base Bid

#### ***SLURRY SEAL TREATMENT***

Ambleside Dr, from Autumn Oak Circle to Autumn Oak Circle  
Aspenwood Court, from Deer Spring Circle to End cul-de-sac  
Autumn Oak Circle, from Crystyl Ranch Dr to Crystyl Ranch Dr  
Barkwood Court, from Autumn Oak Circle to End  
Burnett Avenue (EB), from Highway 680 to Meridian Park Blvd  
Coralwood Dr, from Aspenwood Court to End  
Crystyl Ranch Dr, from Woodleaf Court to Hiddencrest Court  
Dawnview Court, from Crystyl Ranch Dr to End  
Deer Spring Circle, from Woodleaf Court to Deer Spring Circle  
Diamond Blvd (NB), from Willow Way to Concord Avenue  
Fawn Glen Court, from Fernbank Dr to End  
Fernbank Dr, from Woodleaf Court to Shadybrook Dr  
Galaxy Way, from John Glenn Dr to Meridian Blvd  
Galaxy Way (WB), from Meridian Blvd to Diamond Blvd

#### ***CAPE SEAL TREATMENT***

Calaveras Dr, from Mendocino St to Denkinger Court  
Carson St, from Lillian Dr to Mendocino St  
Denkinger Court, from Denkinger Rd to Clayton Rd  
E Nulty Dr, from Mendocino St to Calaveras Dr  
Joyce Dr, from West St to Lillian Dr  
Lillian Dr, from West St to Nulty Dr  
Modoc Court, from Mendocino Dr to End  
Nulty Dr, from Lillian Dr to Mendocino Dr  
Tulare Court, from Mendocino Dr to End  
Tulare Dr, from Lillian Dr to Mendocino Dr

**SLURRY SEAL TREATMENT, cont.**

Glenwillow Lane, from Rolling Woods Way to End  
 Heather Green Court, from Crystyl Ranch Dr to End  
 Hiddencrest Court, from Crystyl Ranch Dr to End  
 Hiddenwood Court, from Fawn Glen Court to End  
 Homedale Dr, from Maple Gate Court to Rose Hedge Court  
 John Glenn Dr, from Burnett Avenue to Concord Avenue  
 Laurel Tree Dr, from Crystyl Ranch Dr to Hiddencrest Court  
 Maplegate Court, from Crystyl Ranch Dr to End  
 Meridian Park Blvd (SB), from Concord Avenue to Willow Way  
 Oakpoint Court, from Rolling Woods Way to End  
 Oakstone Court, from Deer Spring Circle to End  
 Oliveglen Court, from Fernbank Dr to End  
 Paso Del Rio Court, from Glenwillow Lane to End  
 Rolling Woods Way, from Crystyl Ranch Dr to Glenwillow Lane  
 Rosehedge Court, from Crystyl Ranch Dr to End  
 Shadybrook Dr, from Rolling Woods Way to Crystyl Ranch Dr  
 Vista Point Ln, from Rolling Woods Way to end of Vista Point Ln  
 Vista Point Court, from Vista Point Lane to End  
 Wildrose Court, from Rolling Woods Way to End  
 Willow Way (WB), from Diamond Blvd to Meridian Park Blvd  
 Woodgrove Court, from Rolling Woods Way to End  
 Woodhollow Court, from Deer Spring Circle to End  
 Woodleaf Court, from Deer Spring Circle to End  
 Ygnacio Woods Court, from Treat Blvd to End

Alternate No. 1 Bid (Additional work on street segments already included in the Base Bid)

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 Burnett Avenue, from John Glenn Dr to Meridian Park Blvd  
 Diamond Blvd (SB), from Willow Way to Concord Avenue  
 Galaxy Way (EB), from Meridian Blvd to Diamond Blvd  
 Meridian Park Blvd (NB), from Concord Avenue to Willow Way  
 Willow Way (EB), from Diamond Blvd to Meridian Park Blvd

Alternate No. 2 Bid (striping/markings improvements only)

Kirker Pass Rd, from Clayton Rd to City Limits  
 Clayton Rd, from 232' West of Kirker Pass Rd to 200' East of Kirker Pass Rd  
 Ygnacio Valley Rd, from Clayton Rd to Cowell Rd  
 Pine Hollow Rd, from Ygnacio Valley Rd to 200' South of Ygnacio Valley Rd  
 Alberta Way, from Ygnacio Valley Rd to 140' North of Ygnacio Valley Rd

**City of Concord  
Bid Sheet**

**PROJECT #2267**  
**2013-14 Slurry and Cape Seal Pavement  
Maintenance Project (Various Locations)**

**Bid Opening:**  
**Tuesday,**  
**April 29, 2014**  
**10:00 a.m.**

**Conference Room City Manager**

Engineer's Estimate: \$1,000,000 to \$1,300,000

To be awarded: TBD

COMPANY	TOTAL BID
Intermountain Slurry Seal 9062 Union Park Way Elk Grove, CA 95624	\$1,267,267.00
VSS International P. O. Box 981330 West Sacramento, CA 95798	\$1,299,000.00
American Asphalt 24200 Clawiter Road Hayward, CA 94545	\$1,303,872.84
*California Pavement Maintenance Company, Inc. 9390 Elder Creek Road Sacramento, CA 95829	<b>*REVISED</b> \$1,011,968.12 <b><u>Base Only</u></b> <b>Base plus Alt 1 &amp; Alt 2 =</b> \$1,351,780.64
Sierra Nevada Construction, Inc. 2055 East Greg Street Sparks, NV 89431	\$1,428,007.00
Windsor Fuel Company 1150 Willow Pass Road Pittsburg, CA 94565	\$1,684,317.30

**Contact: Jeff Rogers x3108**