



**Cochise County**  
**Community Development**  
**Highway and Floodplain Division**

Public Programs...Personal Service  
www.cochise.az.gov

**INTEROFFICE MEMO**

**Date:** 26 February 2015  
**To:** Board of Supervisors  
**From:** Karen Riggs *KR*  
**Subject:** Hurricane Odile damages and repair; March 10 FCD meeting

We have been working to secure ADEMA (Arizona Department of Emergency and Military Affairs) funding for damages that county infrastructure sustained during Hurricane Odile. In order to move forward, we need to get a contract in place for crushing AB. Attached to this memo are our estimates of AB needed, and maps of the roads and locations. All these locations have been screened by ADEMA (as have most of our scopes of work for them. We are revising details for ADEMA approval now.). ADEMA representatives have inspected these sites with us and reviewed our scopes of work and estimates to make sure the proposed repairs will be eligible for the program.

On March 10, I will be asking the FCD Board to approve entering a contract for crushing up to \$730,000 worth of AB at selected County pits around the county. We will be reimbursed 75% (\$547,500) and County final cost of this AB will be \$182,500. This will assist in restoring over 40 miles of County maintained, unpaved roads to pre-flood condition.

Unpaved roads make up almost 56% of our total maintained miles and provide vital connectors as well as some high volume local roads. I am proposing that the Flood Control District front the cost of crushing the needed AB. We can secure AB most economically in this fashion. Upon reimbursement from ADEMA, the FCD would be repaid the reimbursed amount. We have until November 5, 2015 to complete the repairs, so time is of the essence in securing a contract for the crushing and having a contractor get started.

**Background**

- From September 17-19, 2014, Cochise County sustained severe damage from Hurricane Odile.
- The Board of Supervisors declared a County emergency on September 24th.
- County met with ADEMA on September 26<sup>th</sup> to discuss possibilities/requirements for recovery programs.
- On October 2<sup>nd</sup>, Cochise County requested that the Governor declare the county a disaster area and she did so on November 12th.
- Cochise County Highway & Floodplain, and Emergency Services had our kickoff and application briefing with ADEMA on November 20<sup>th</sup> and have been working closely with them since in order to secure grant funding for repairs.

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- With ADEMA concurrence we have identified over \$1 million in public damages which qualify for reimbursement. Reimbursement will be 75% of eligible costs. Eligible costs consist of equipment, materials and approved labor.
- We will also be getting reimbursement for eligible emergency response during the Hurricane (to close, secure, reopen roadways, etc).
- We have also applied for several mitigation projects (improving the damaged area to reduce repeat damage).
- We will come back to the Board for the official grant approval when ADEMA grants us their final approval. We are hoping that will be in a month or two, but need to start on the crushing contract now.
- If for some reason, the grant did not materialize, the worst case scenario from this action would be that Highway would purchase their normal annual AB from the Flood Control District for the next two and a half years.

The FCD has adequate funding to provide the upfront funding for this. We anticipate reimbursement in early 2016 since actual work must be completed by November 5, 2015.

I will be glad to answer any questions you might have prior to the FCD meeting on March 10.



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**INTEROFFICE MEMO**

**Date:** 2/17/2015  
**To:** Karen Riggs  
**From:** Ron Ellis  
**Subject:** AB Tonnage needed to repair roads damaged by Hurricane Odile

These are the roads countywide that were severely damaged by Hurrincane Odile that will need to be reconstructed with 4" of AB. We will need a total of 121,800.00 ton of AB to complete this task.

The breakdown for the different road yards is:

Sierra Vista area (Sierra Vista road yard) 9,200 ton  
Douglas area (Douglas road yard) 19,380 ton  
Elfrida area (Willcox/Elfrida road yard) 6,000 ton  
Portal area (Willcox /Elfrida road yard) 74,294 ton  
Willcox area (Willcox/Elfrida road yard 3,400 ton  
Bowie area- Willcox/Elfrida road yard 9,500 ton

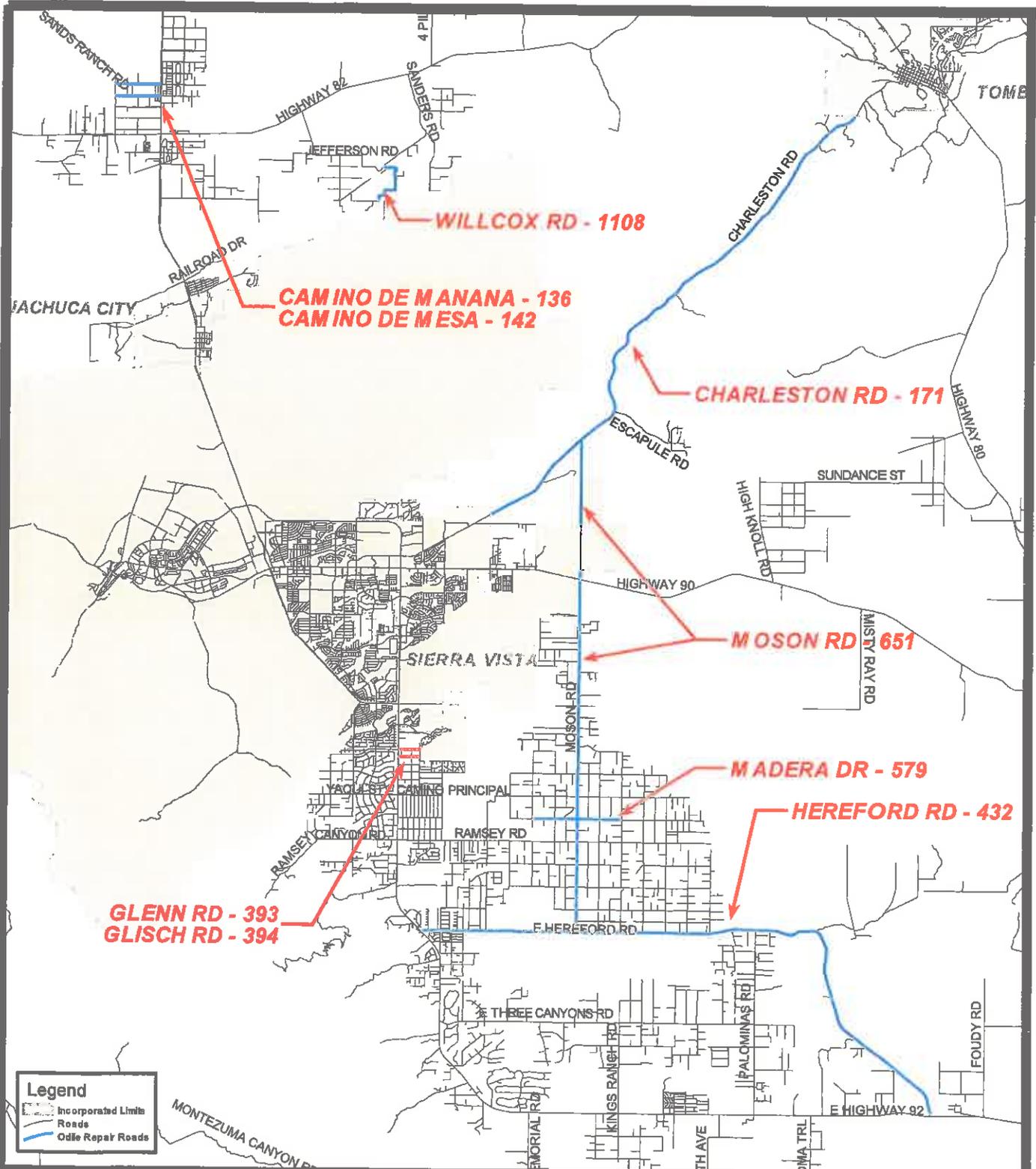
The approximate cost for the AB will be \$730,000.00.

Thank you,

Ron Ellis

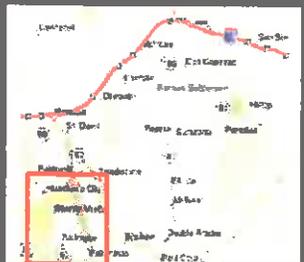
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**Legend**

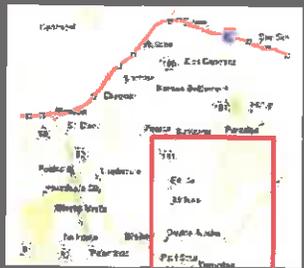
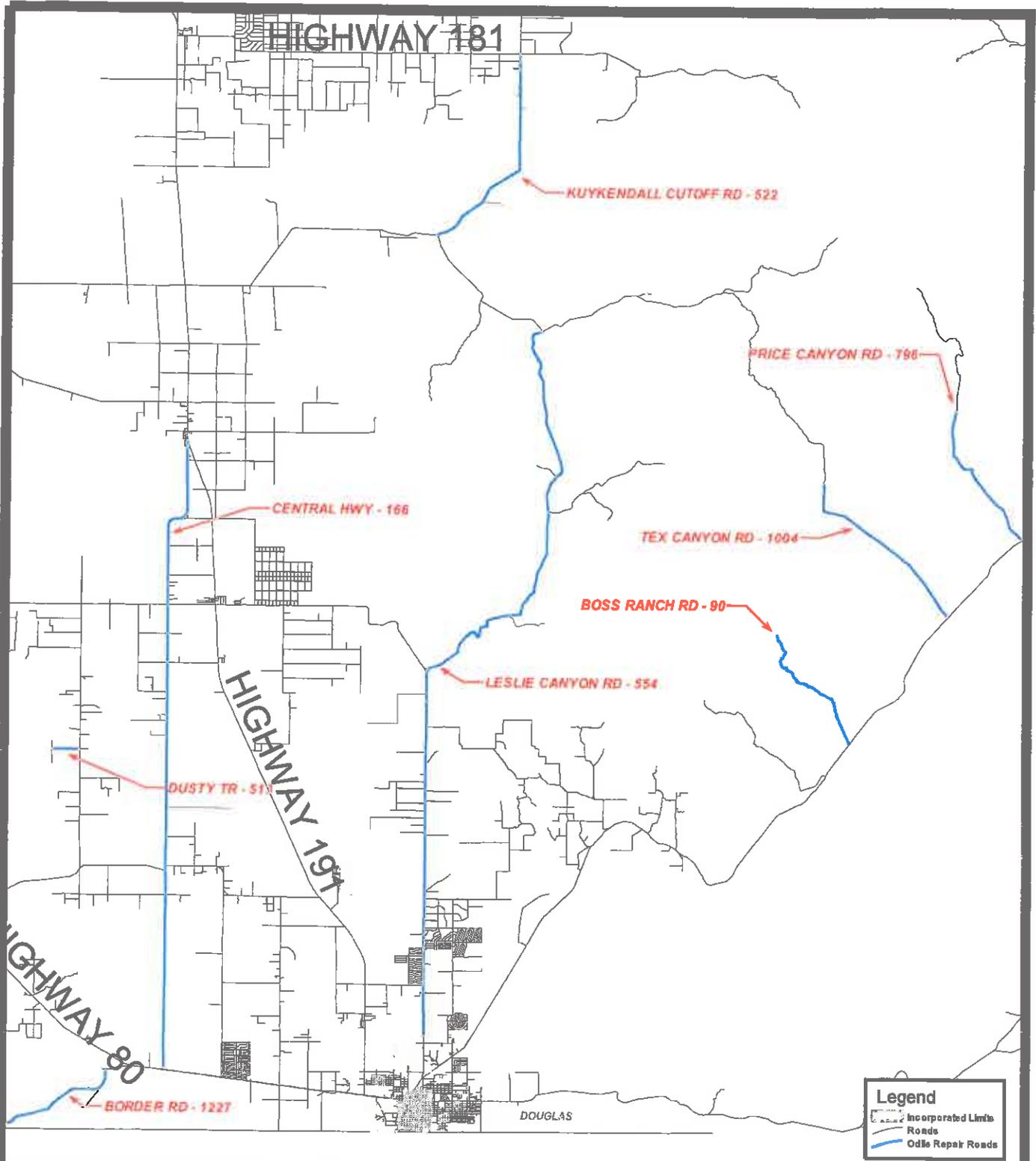
- Incorporated Limits
- Roads
- Odile Repair Roads



## Odile Sierra Vista Area

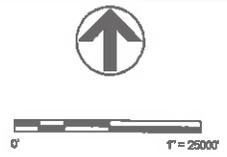
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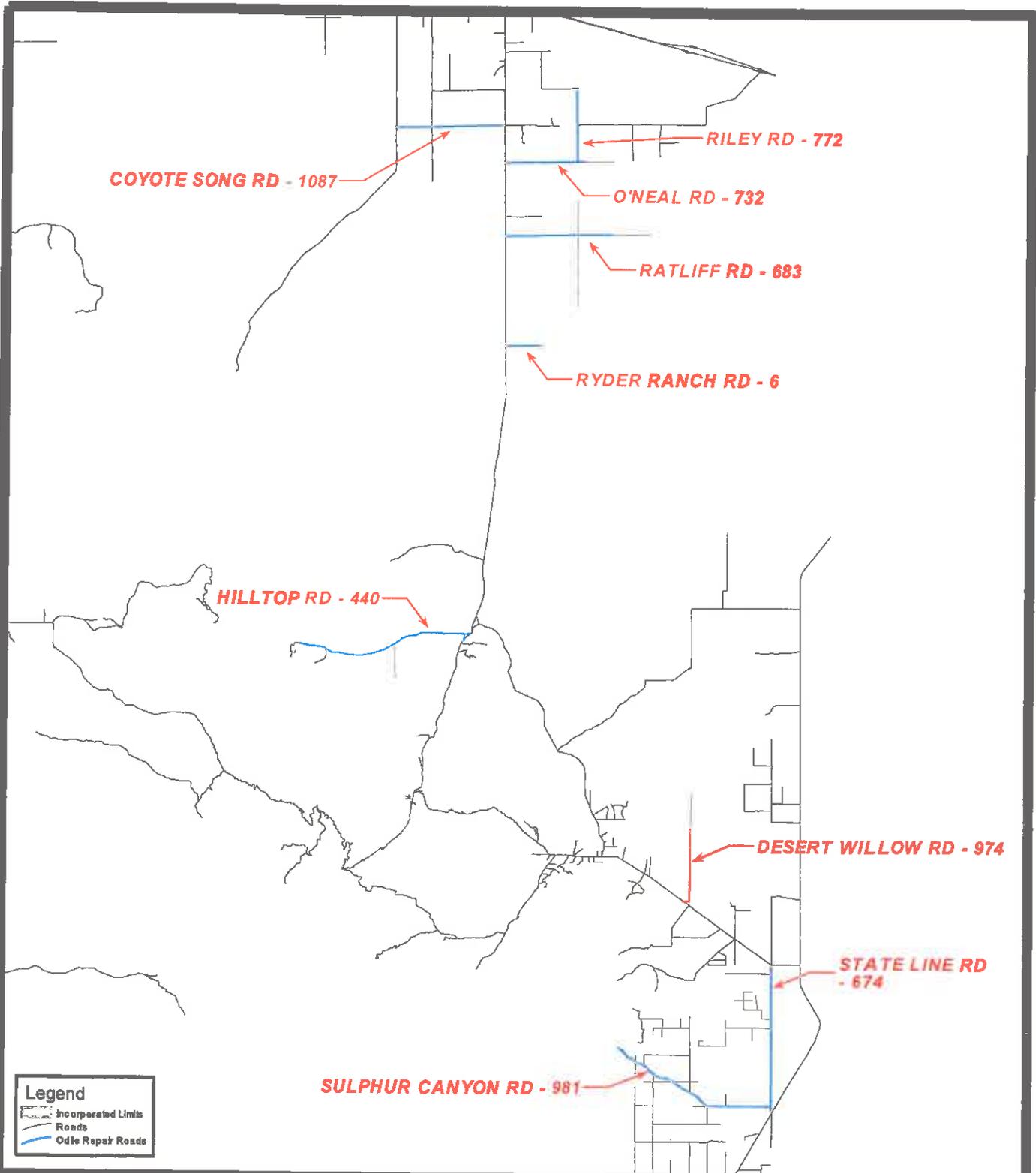

  

## Odile Douglas & Elfrida Area

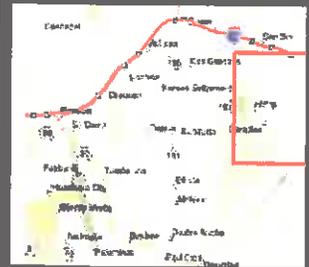
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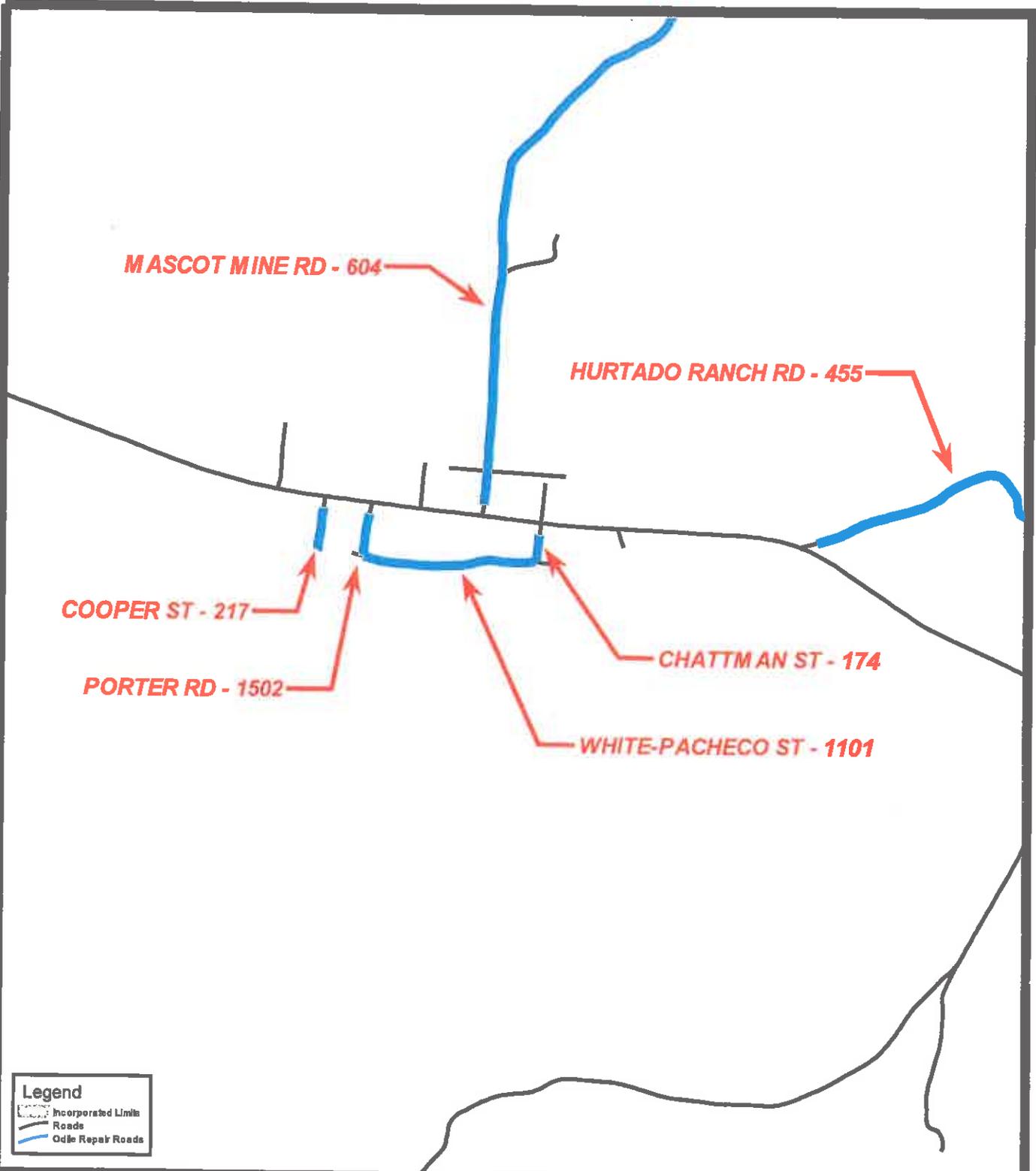
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# Odile Portal Area

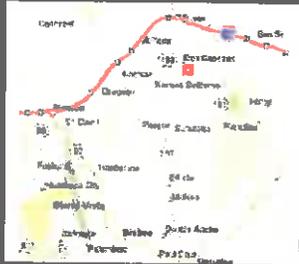
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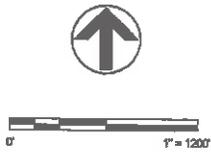
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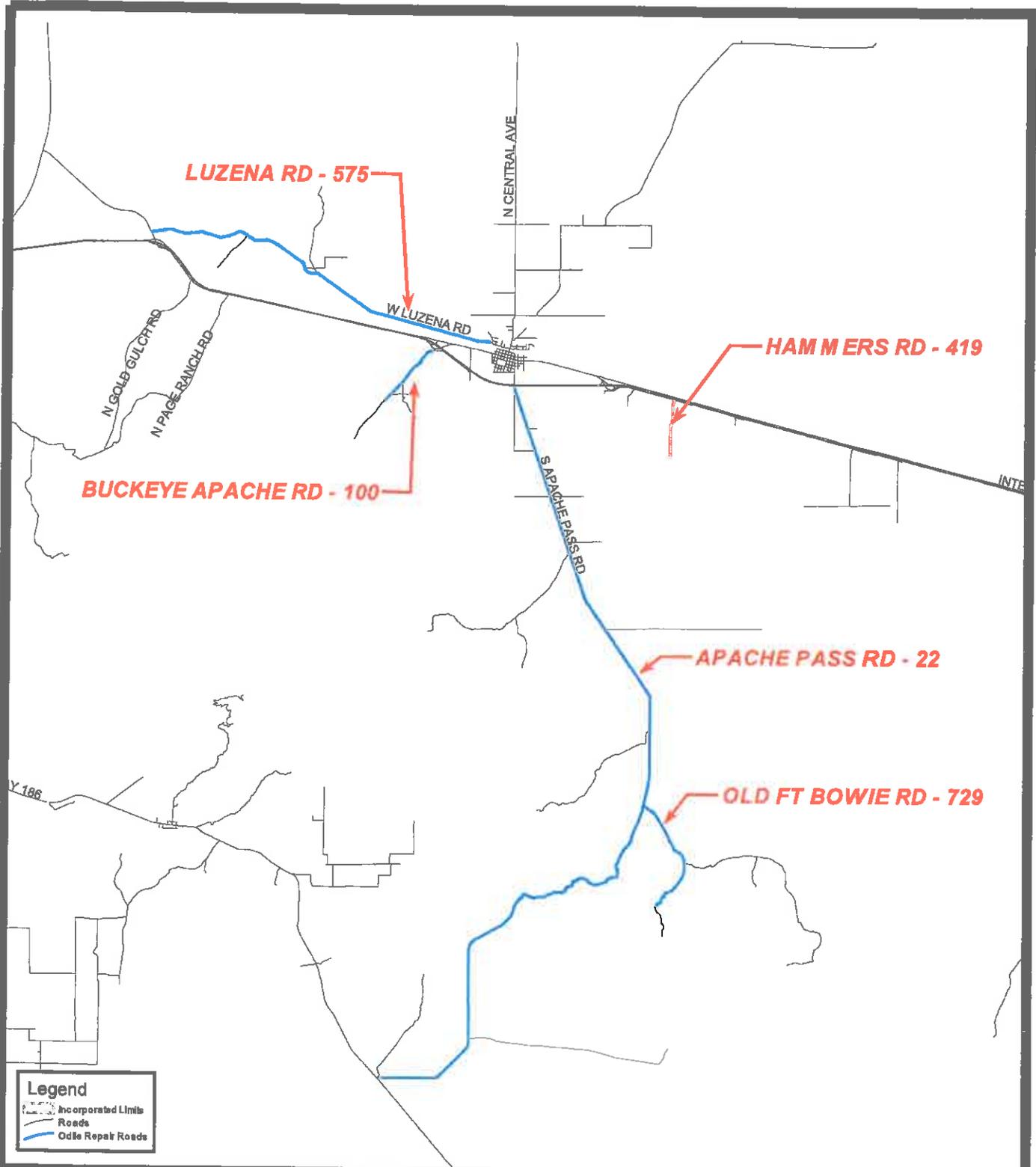
- Incorporated Limits
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**Odile  
Dos Cabezas Area**

This map is a product of the  
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**Legend**

- Incorporated Limits
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## Odile Bowie Area

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