

The Delaware Which Usually Runs at Minimum Flows



E. What is Eddy County Doing to Help Itself?

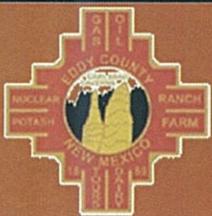
Eddy County has Either Already Submitted, or Will be Submitting Shortly, for the Following Alternative Funding Sources, Including SIB Loan From NMDOT, TIGR Grant (Federal), and ICIP (Capital Outlay)

Eddy County is also in the Process of Drafting a Master Transportation Plan That Will Integrate with The State's, as Well as the City of Carlsbad's, Master Transportation Plans.

Eddy County is also Preparing Enhancement and Safety Applications to be Processed thru the District 2 SERTPO.

The County has Hired a Specialist to Assist Eddy County with Securing FEMA-Based Enhancement Project Dollars.

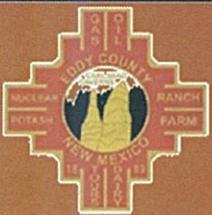
The County is Also Developing a Road Management System to Assist in the Proper Maintenance of County Roads.



Eddy County Transportation System Update

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Ogden Rd.



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D. Issues Resulting From Flood

III. Public Safety – Creating Inaccessible Areas

The September Floods have Created Very Serious Public Safety Issues by Demolishing Bridges and Low-Water Crossings, Thus Making it Much More Difficult to Respond to Accidents, Fires, or Other Types of EMS Calls, as Shown on the Next Page (Ogden Road).



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Champion Cove Road



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White City Rd.



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Time to Stop Digging?



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Higby Hole Pit



Eddy County Transportation System Update

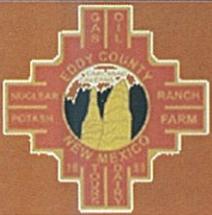
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D. Issues Resulting From Flood

II. Loss of Oil and Gas Tax Revenues

The September Flooding Impacted the Area of Eddy County Where the Primary Exploration and Drilling Activities are the Strongest at This Time, and Reducing Revenues to Eddy County Needed to Rebuild its Transportation Infrastructure.

Also, the Flood Recovery Efforts Will Require 1 25% Match That Will Come out of the Eddy County Financial Resources, Which Then, Will Reduce Funds Available for Improvements to the Transportation System.



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**Fisherman's
Lane
Bridge**



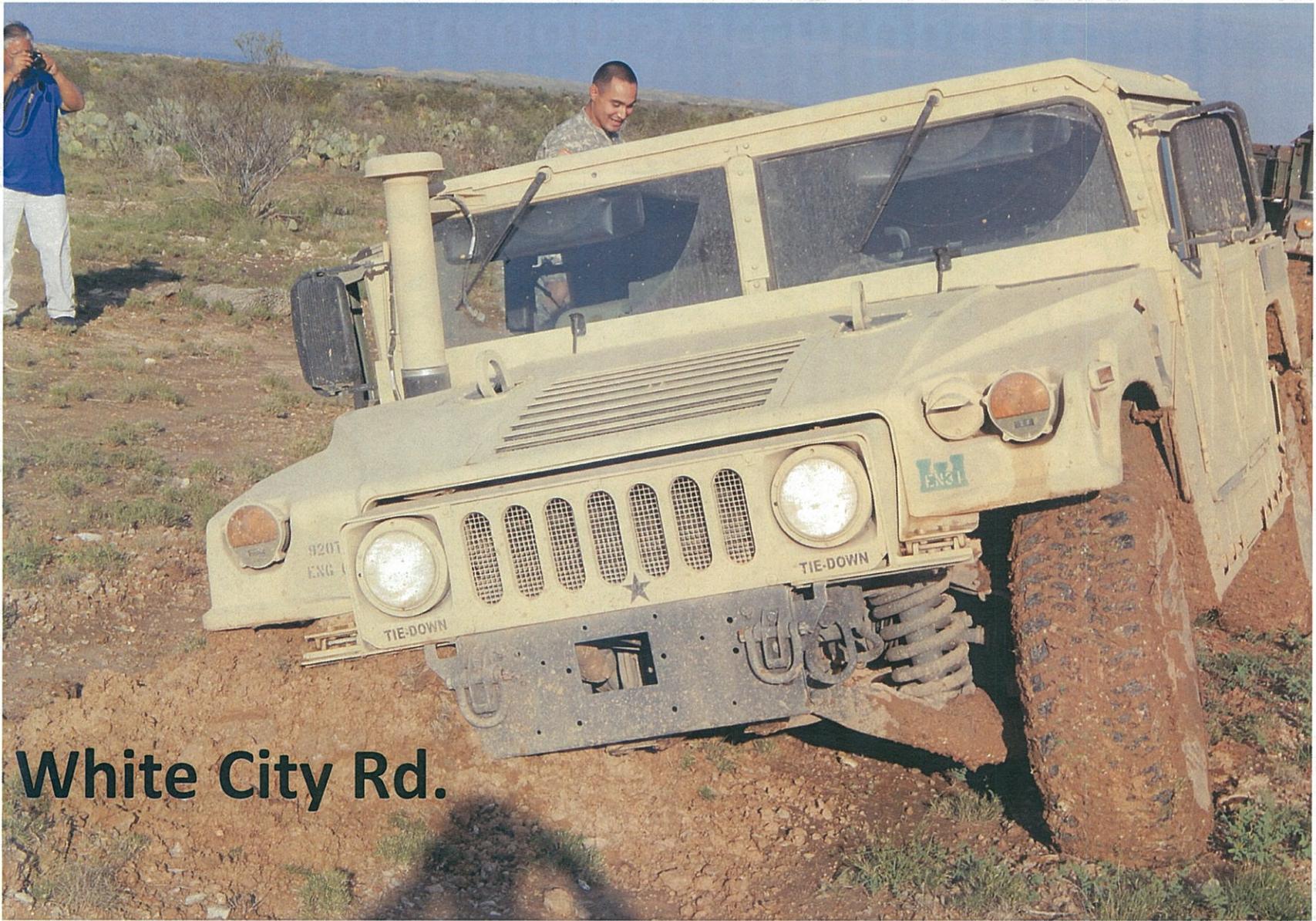
**Eddy County
Transportation System Update**

Dark Canyon Rd.



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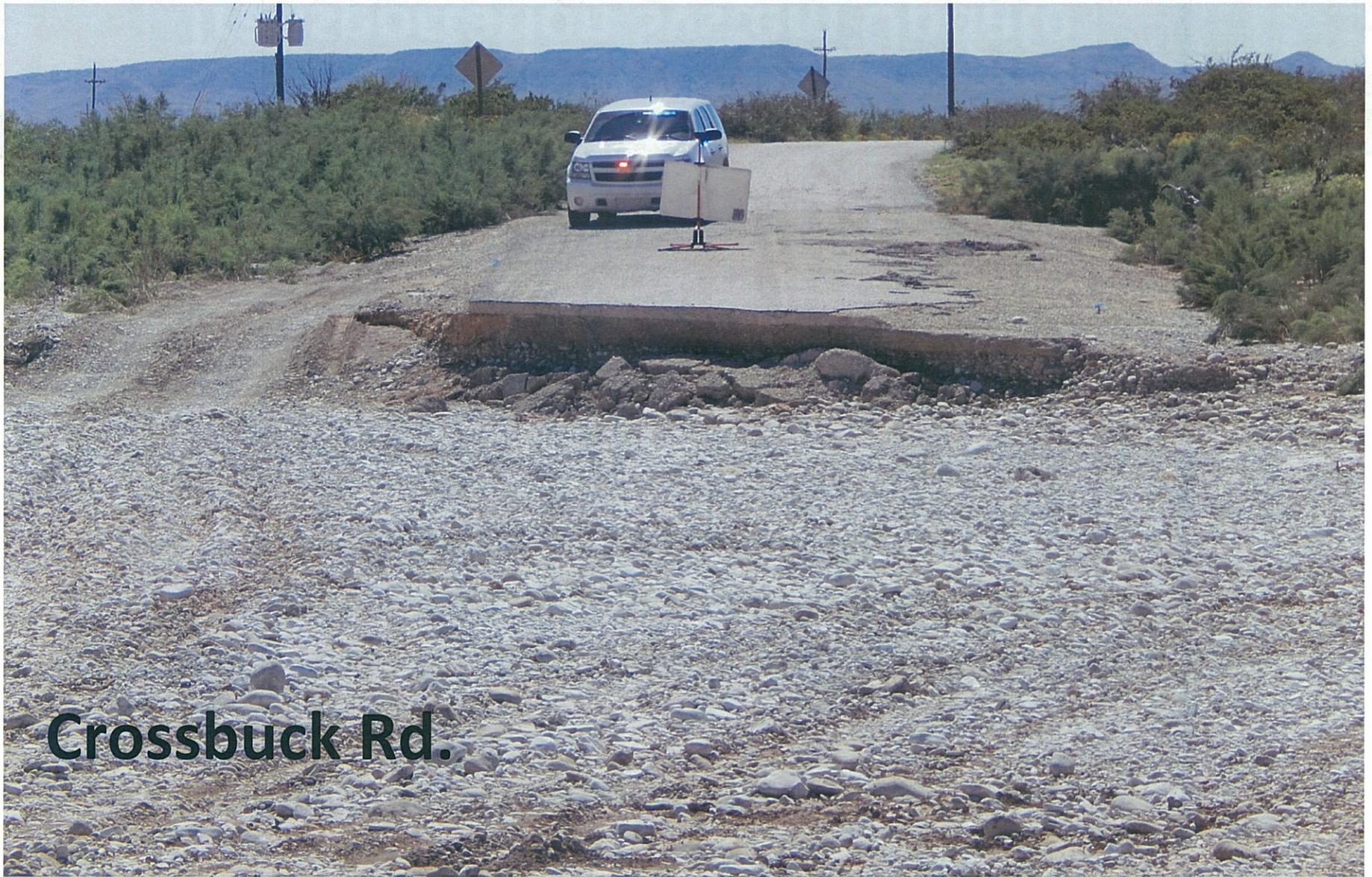


White City Rd.

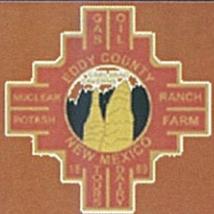


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Crossbuck Rd.



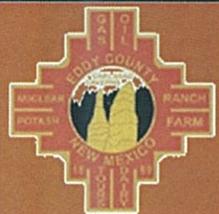
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D. Issues Resulting From Flood

I. Significant Recovery Costs

Preliminary FEMA Estimates, Just to Replace Eddy County's Existing Transportation System to Re-Flood Conditions is Projected to be Between \$13-\$15,000,000.



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Dogtown Bridge



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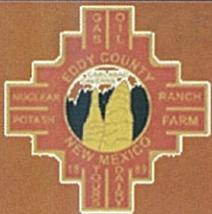
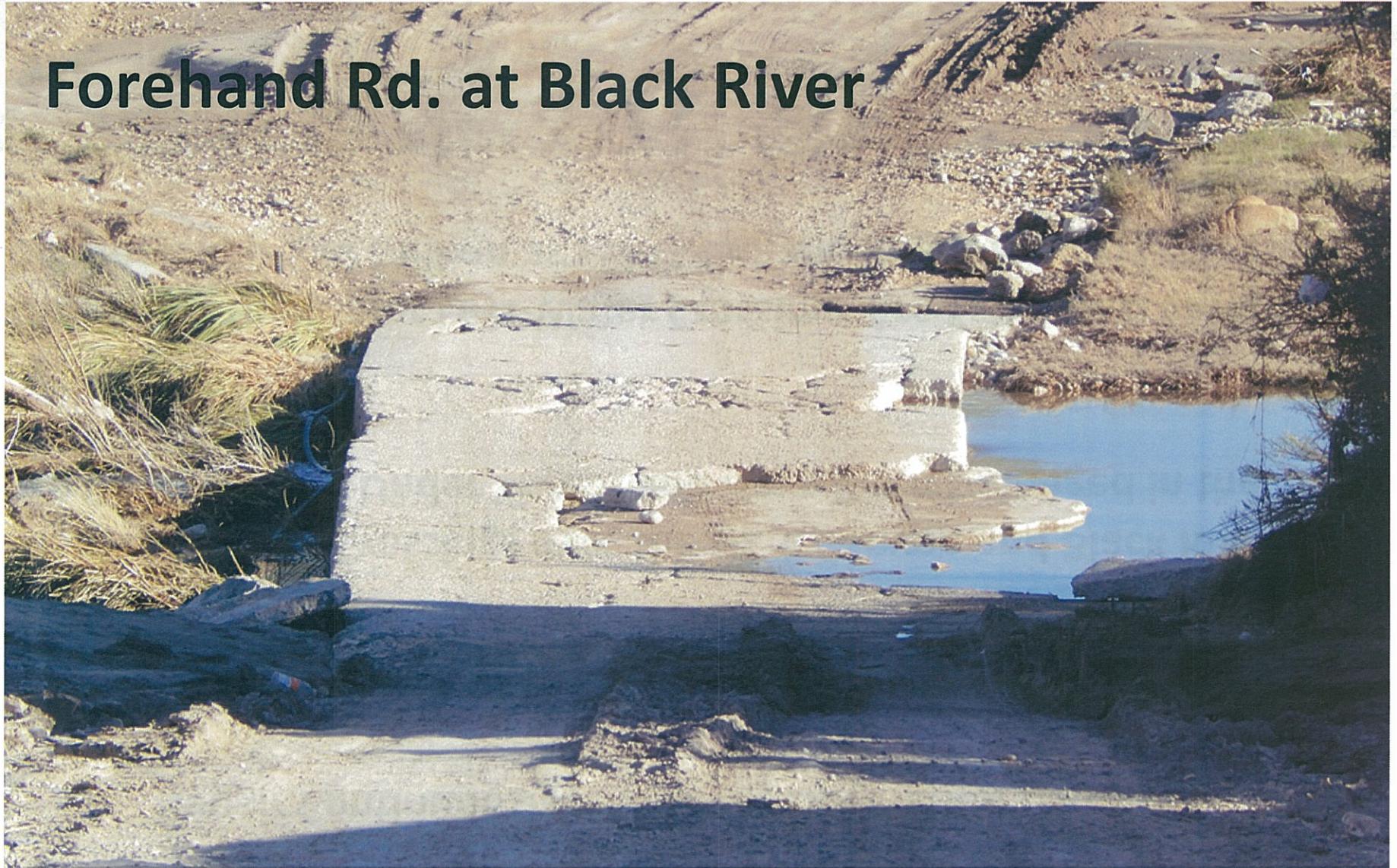
Dark Canyon Rd. at Dark Canyon



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Forehand Rd. at Black River



Eddy County

Transportation System Update

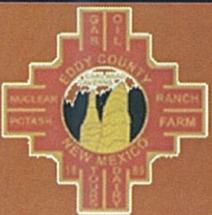
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C. Opportunities

- I. Repair Continuously Failing Transportation Components**
- II. Upgrade Facilities to Reduce Future Lose Costs**

All of the Major Crossings over the Dark Canyon and Black River are Continuously Under Threat and Have Been Damaged in the Past.

Upgrading the Major Low-Water Crossings Are Estimated to Run between \$20-\$50 Million as FEMA Enhancement Projects.

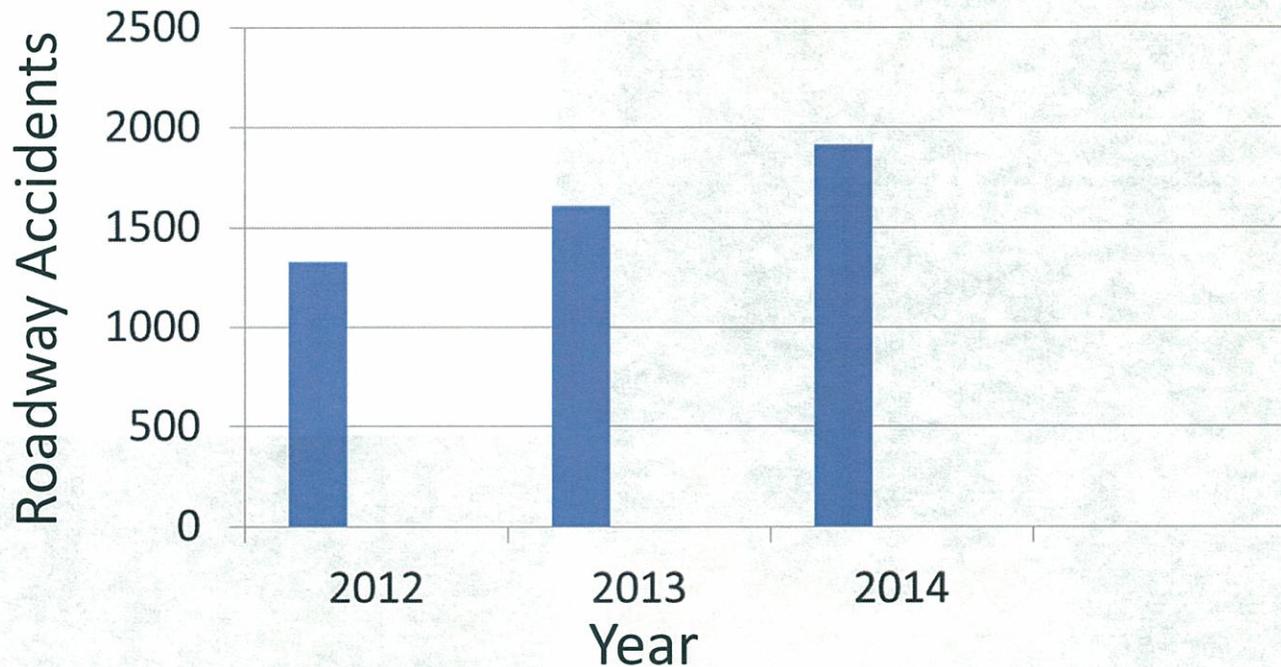


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B. Public Safety Needs Needs

II. Increased Traffic Accidents

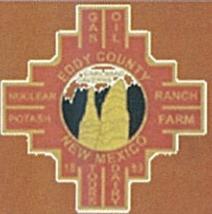


This Increasing Trend in Roadway Accidents is a Clear Result of the Massive Increase in both the Number of Vehicles and the Type of Vehicles Using Eddy County's Roadway System.



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B. Public Safety Needs

I. Dangerous Intersections and Other Roadway Threats



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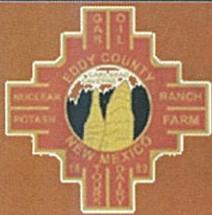
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B. Public Safety Needs Needs

I. Dangerous Intersections and Other Roadway Threats

II. Increased Traffic Accidents



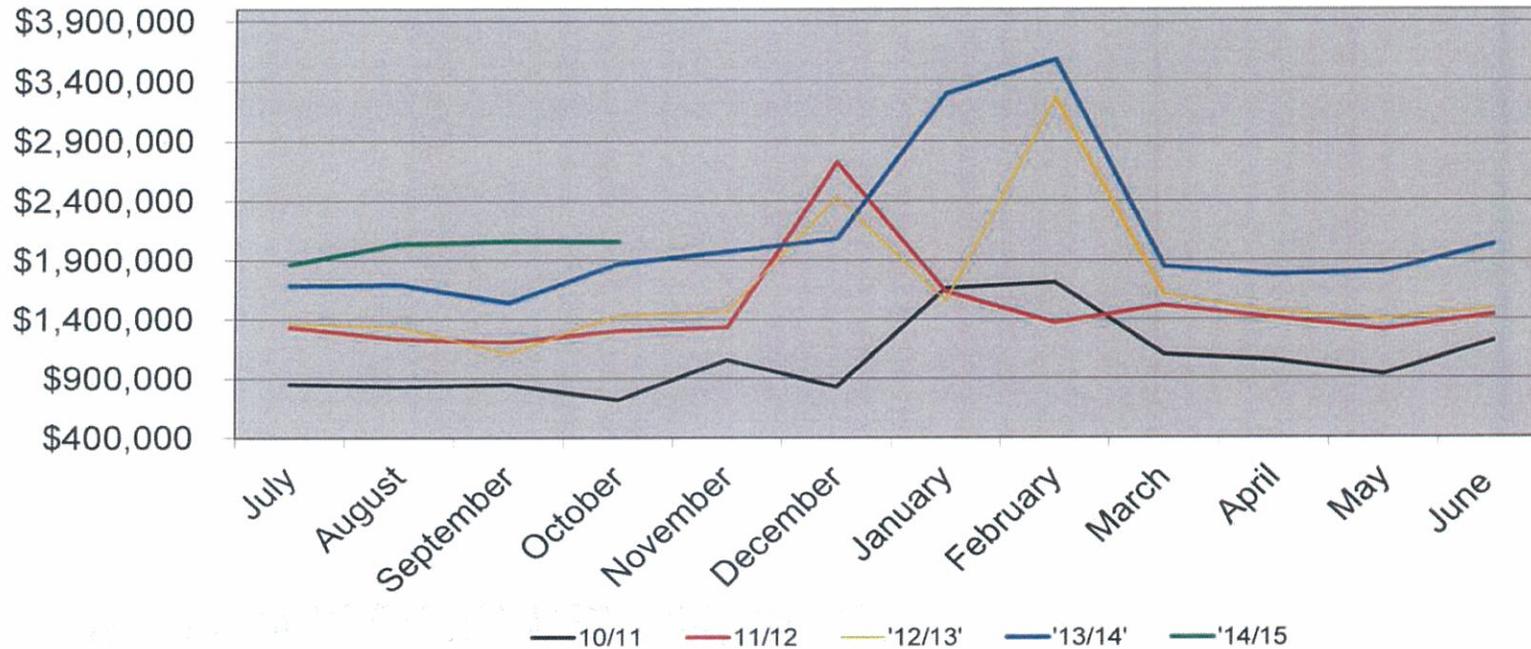
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A. Eddy County Road Background

IV. Gas & Oil Revenues

GENERAL FUND 5 YEAR HISTORY
OIL & GAS TAX RECEIPTS



Even Though Eddy County Has Significant Dollars Coming Back Due to Oil Taxes, The County Also Has Significant and Expensive Issues With Enhancing and Repairing its Roadway System.



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A. Eddy County Road Background

III. Major Projects Impacting Road System

The First Project Impacting Eddy County's Roads is the Design and Construction of the Loop Road around the City of Carlsbad. The Most Recent Cost Estimate for the West Side (Phase 1) is now \$54 Million. This Design is Based on Using Bridges, But Even With Low-Water Crossings, the Construction Cost is Still Approximately \$30 Million.

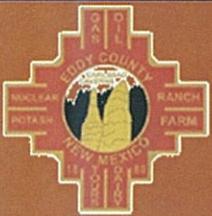
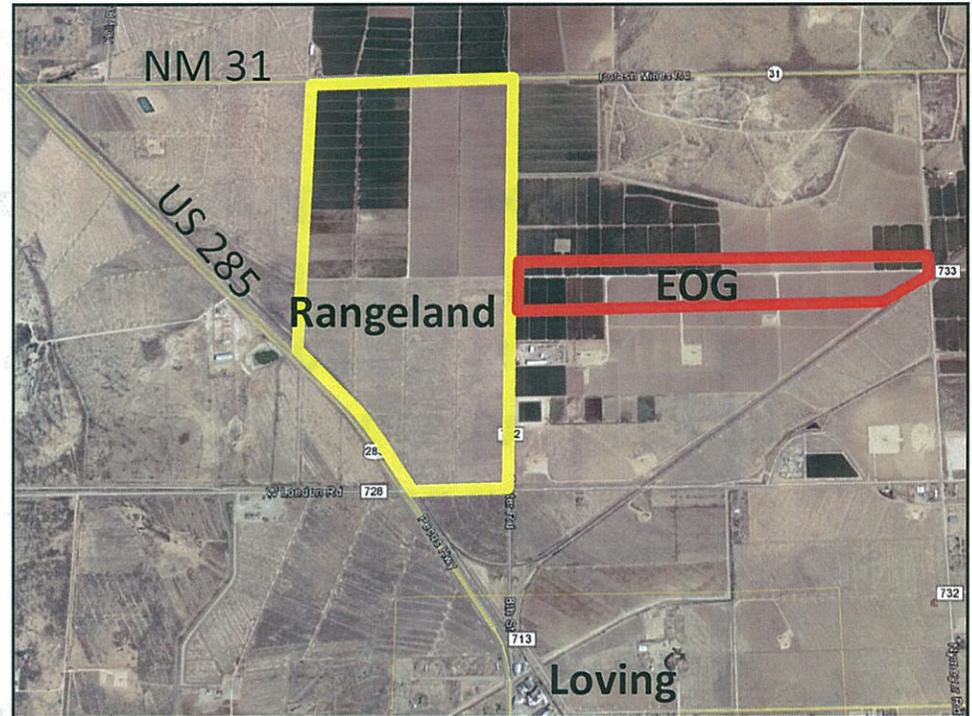
The Second Issue is the Reconstruction of Various Roads, Low-Water Crossings, and Bridges Due to the Recent Floods of September.



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Trans-Loading Facilities Along US 285 Between Carlsbad and Loving



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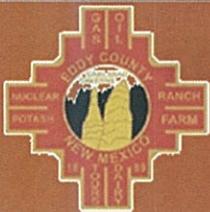
A. Eddy County Road Background

II. New Type of Road Impact

The County Has Been Experiencing a Significant Amount of New Traffic That is Related to the Oilfield Boom that the County is Experiencing. This Traffic Impact is both in total volumes, as well as the Type of vehicles using the County's Roads.

Prior to the Oil Boom Starting Several Years Ago, the Principal type of Traffic was Usually Agricultural in Nature. Now Roads are be used by Very Large-Size Vehicles Which the County's Roads Cannot Accommodate.

In Addition, There are Many New Industrial Uses Being Built That Will Use These Roads, Such as Trans-loading Facilities and Other Industrial Uses.



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A. Eddy County Road Background

I. General Information

Eddy County is Directly Responsible for 1,232 Miles of Roads. This Distance is Approximately the Same as Flying Directly from Carlsbad to Atlanta, Georgia.

Of These Miles, 797 Miles are Paved Roads, and 435 Miles are Unpaved.

Budget-Wise, Eddy County has the Financial Capabilities to Improve Only 25-30 Miles a Year.



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Over the Last Several Years, Eddy County has Experienced Major Increases in Traffic Related to the Oil Boom. During the Month of September, 2014, Eddy County Experienced a Major Flooding Event that Will Significantly Impact the County for a Long Time. This Presentation is Grouped as Shown Below.

A. Eddy County Road Background

- I. General Information
- II. New Type of Road Impact
- III. Major Projects Impacting Road System
- IV. Gas & Oil Revenues

B. Public Safety Needs

- I. Dangerous Intersections and Other Roadway Threats
- II. Increased Traffic Deaths

C. Opportunities

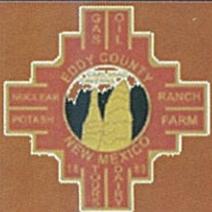
- I. Repair Continuously Failing Transportation Components (Increased Traffic)
- II. Upgrade Facilities to Reduce Future Lose Costs FEMA
- III. Increased Public Safety Possibilities

D. Issues Resulting From Flood

- I. Significant Recovery Costs 15 Million
- II. Loss of Oil and Gas Tax Revenues
- III. Public Safety – Inaccessible Areas

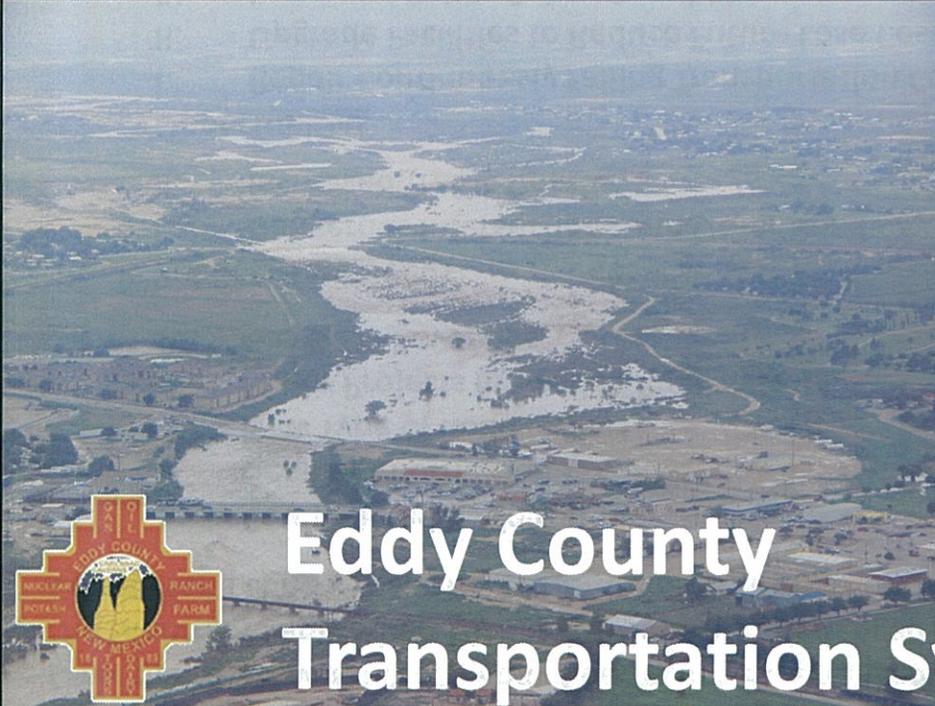
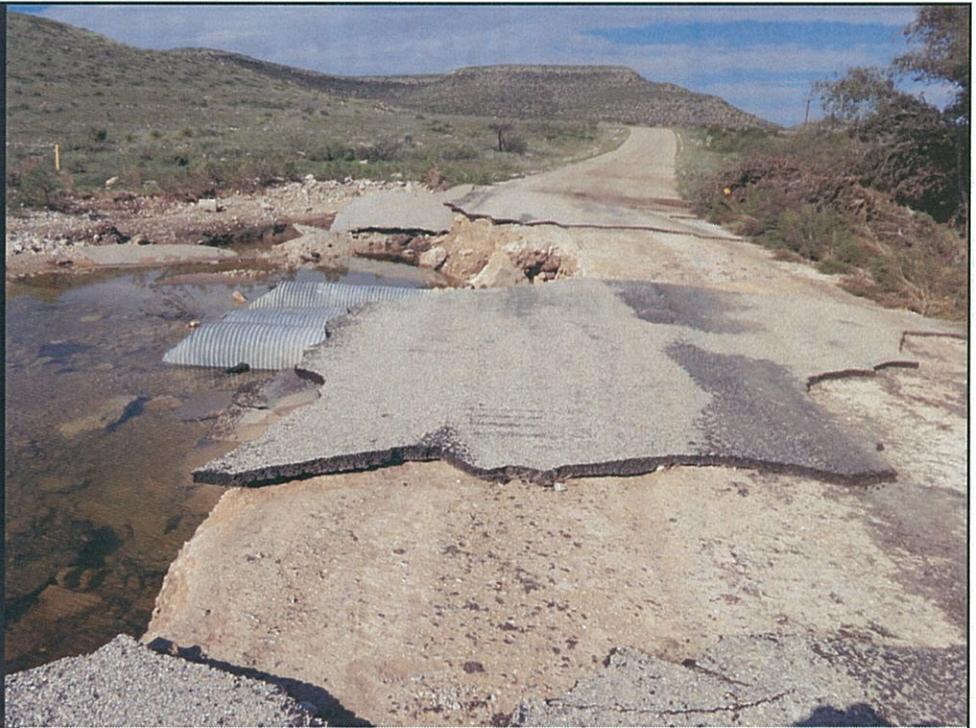
E. What is Eddy County Doing to Help Itself?

- I. Searching for Alternative Funding Sources
- II. Drafting a Master Transportation Plan
- III. Working With District 2 SERTPO on Potential Enhancement Projects
- IV. Hired a Specialist to Assist the County to Securing FEMA-Based Enhancement Project Dollars
- V. Developing Road Management System



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