

Carbon County

The Big Picture



Jay Gould, District Engineer, District 1

Tim McGary, District 1 Maintenance Engineer

Pat Persson, District 1 Construction Engineer

May 19, 2010



Our Goals Today

Transportation Information Exchange

WYDOT will share its transportation plans for the next six to seven years with local governing bodies and they, in turn, will share their upcoming project plans with WYDOT.





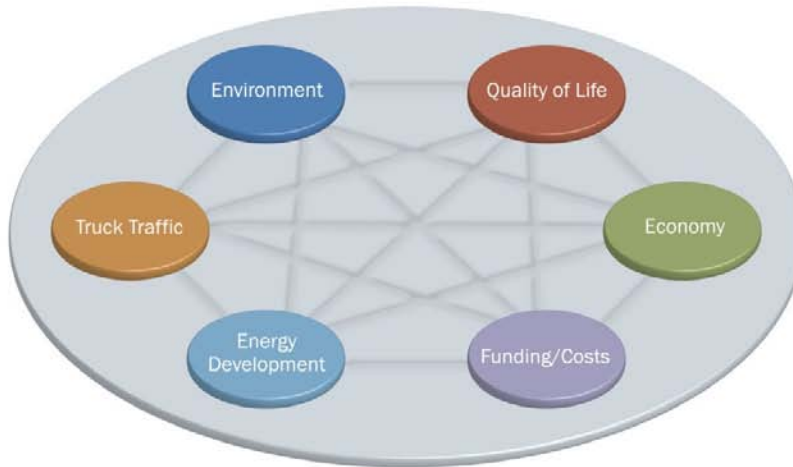
Wyoming Connects Statewide

Long Range Planning Key Concerns

CONNECTING PERSPECTIVES



Public Input Identified Several Interrelated Key Concerns:



KEY CONCERN	RELATIONSHIP
Truck Traffic	Pavement Condition Rising Construction Costs Contributes to Economy Traffic & Safety
Environment	Promotes Tourism Impacts from Construction Contributes to Quality of Life May Conflict with Energy Development
Quality of Life	Dependent on Strong Economy Rural / Ranching Way of Life Important to Residents and Wyoming Image National Parks and Natural Resources
Economy	Strong Economy Requires Good Transportation Components Include: Tourism, Energy Development, Ranching
Funding/Costs	Rising Construction Costs Competing State Programs Federal Funding is Shrinking
Energy Development	Severance Tax Creates Revenue for State Creates Jobs Environmental Impacts



Wyoming Connects Statewide

Long Range Planning State Significant Corridors

STATE SIGNIFICANT CORRIDORS



Purpose

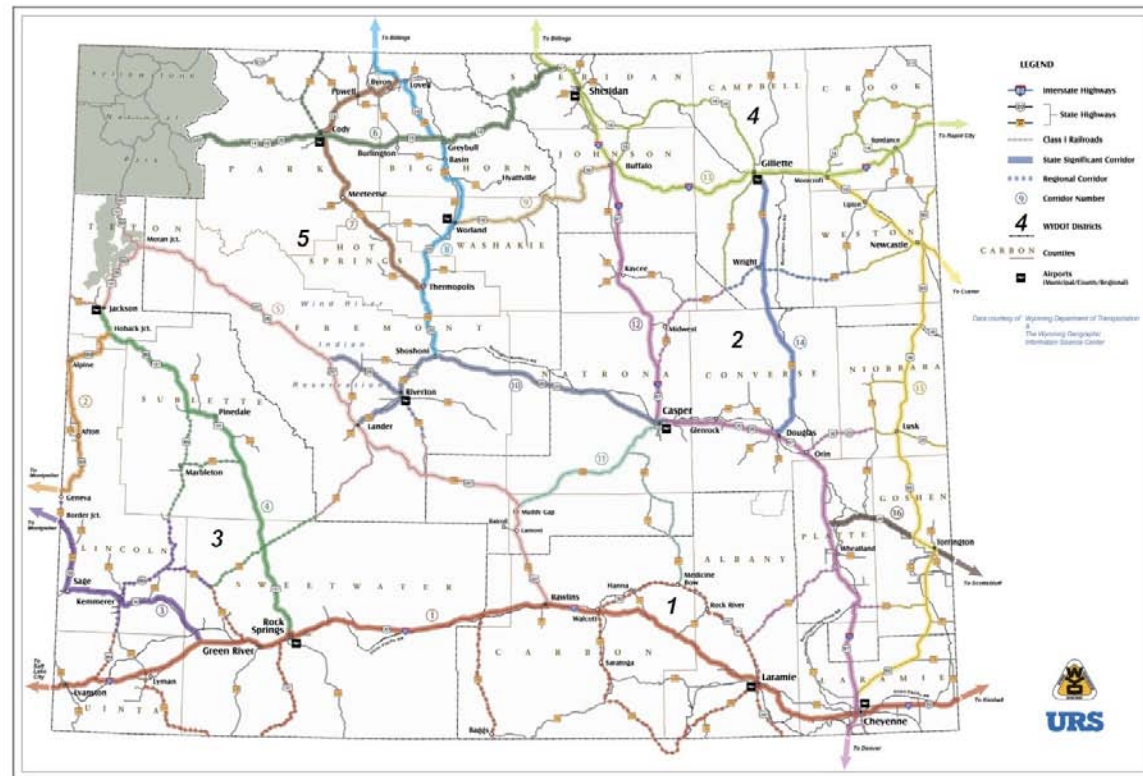
- Connect People to Places
- Identify Key Routes and Facilities
- Support State Economy
- Focus Investments

Complete System

- State Significant Corridors
- Regional Corridors
- Urban Corridors
- Local Corridors
- Intermodal Services and Facilities

Corridor Visions

- Describe Existing Conditions
- Identify Current and Future Needs
- Decision Support Tool for Prioritization





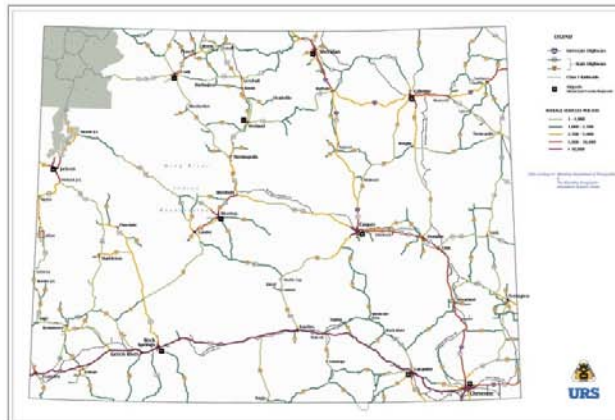
Wyoming Connects Statewide

Long Range Planning System Condition

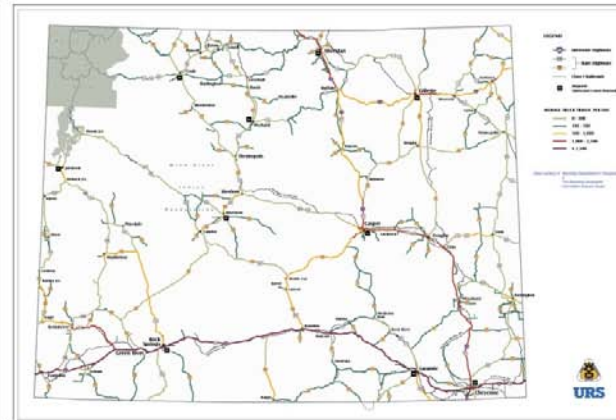
SYSTEM CONDITION



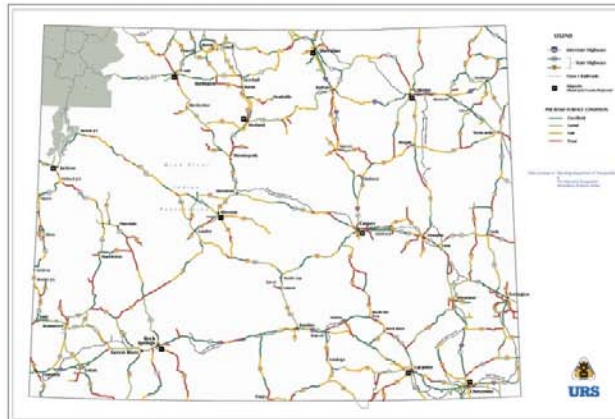
AVERAGE ANNUAL DAILY TRAFFIC - 2008



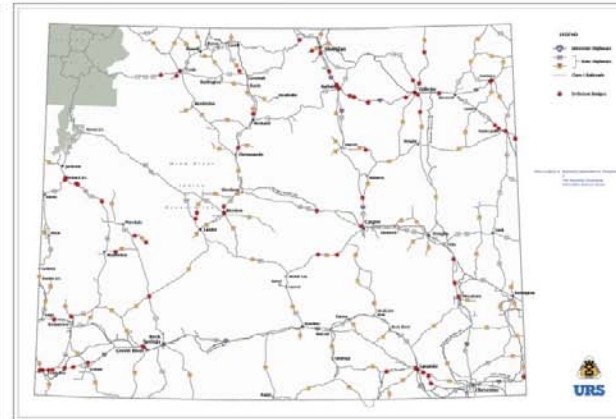
AVERAGE ANNUAL DAILY TRUCK TRAFFIC - 2008



HIGHWAY SURFACE CONDITION - 2008



DEFICIENT BRIDGES - 2008

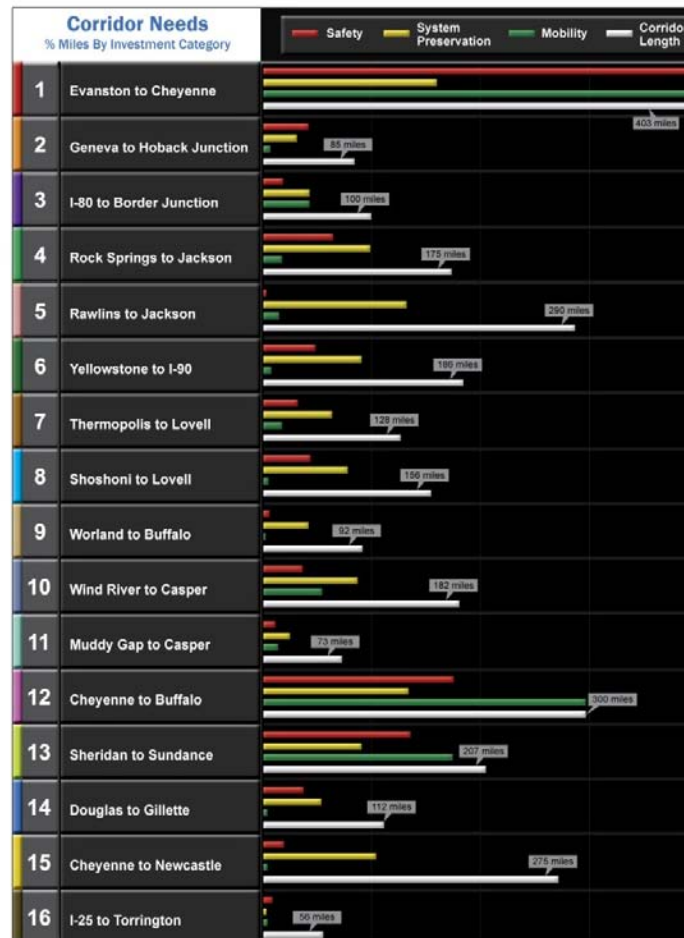




Wyoming Connects Statewide

Long Range Planning Summary of Corridor Needs

SUMMARY OF CORRIDOR NEEDS

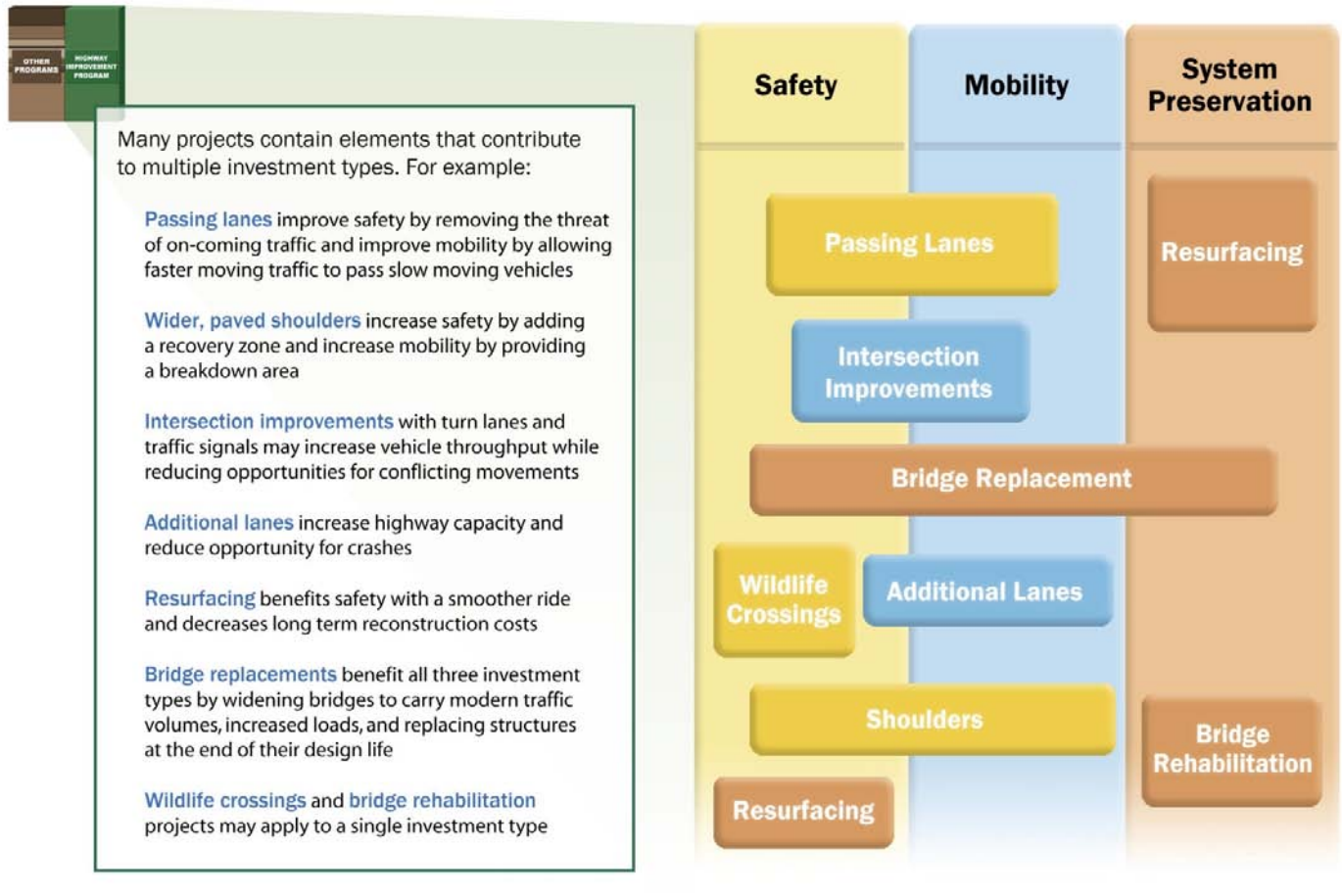




Wyoming Connects Statewide

Long Range Planning Improvement Projects Classified by Investment Type

HOW ARE HIGHWAY IMPROVEMENT PROJECTS CLASSIFIED BY INVESTMENT TYPE?





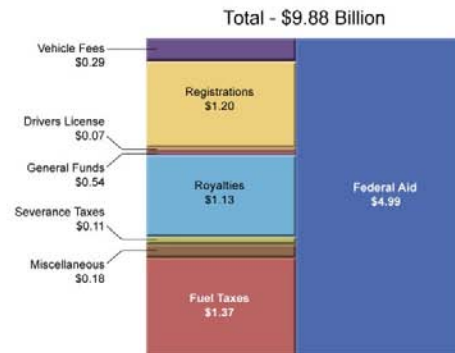
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Long Range Planning Financial Overview

FINANCIAL OVERVIEW

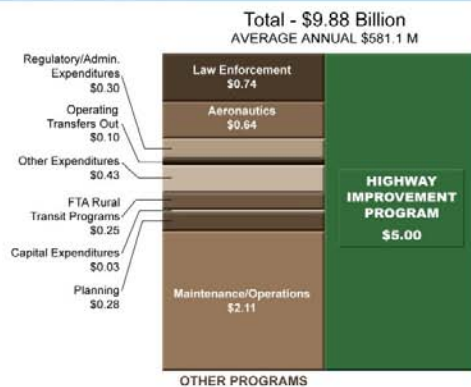


ANTICIPATED REVENUES (2010-2026)

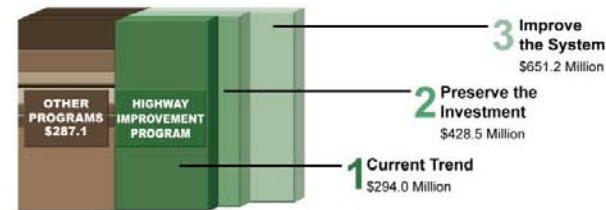


* General Funds - approximately \$2 M per year dedicated to Air Service Enhancements and Communications Program.

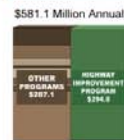
TOTAL ALLOCATION (2010-2026)



THREE FUNDING SCENARIOS Average Annual Investment



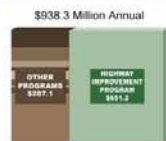
1 CURRENT TREND



2 PRESERVE THE INVESTMENT



3 IMPROVE THE SYSTEM





Transportation Revenues **Statewide**

Total Anticipated Revenue for 2010

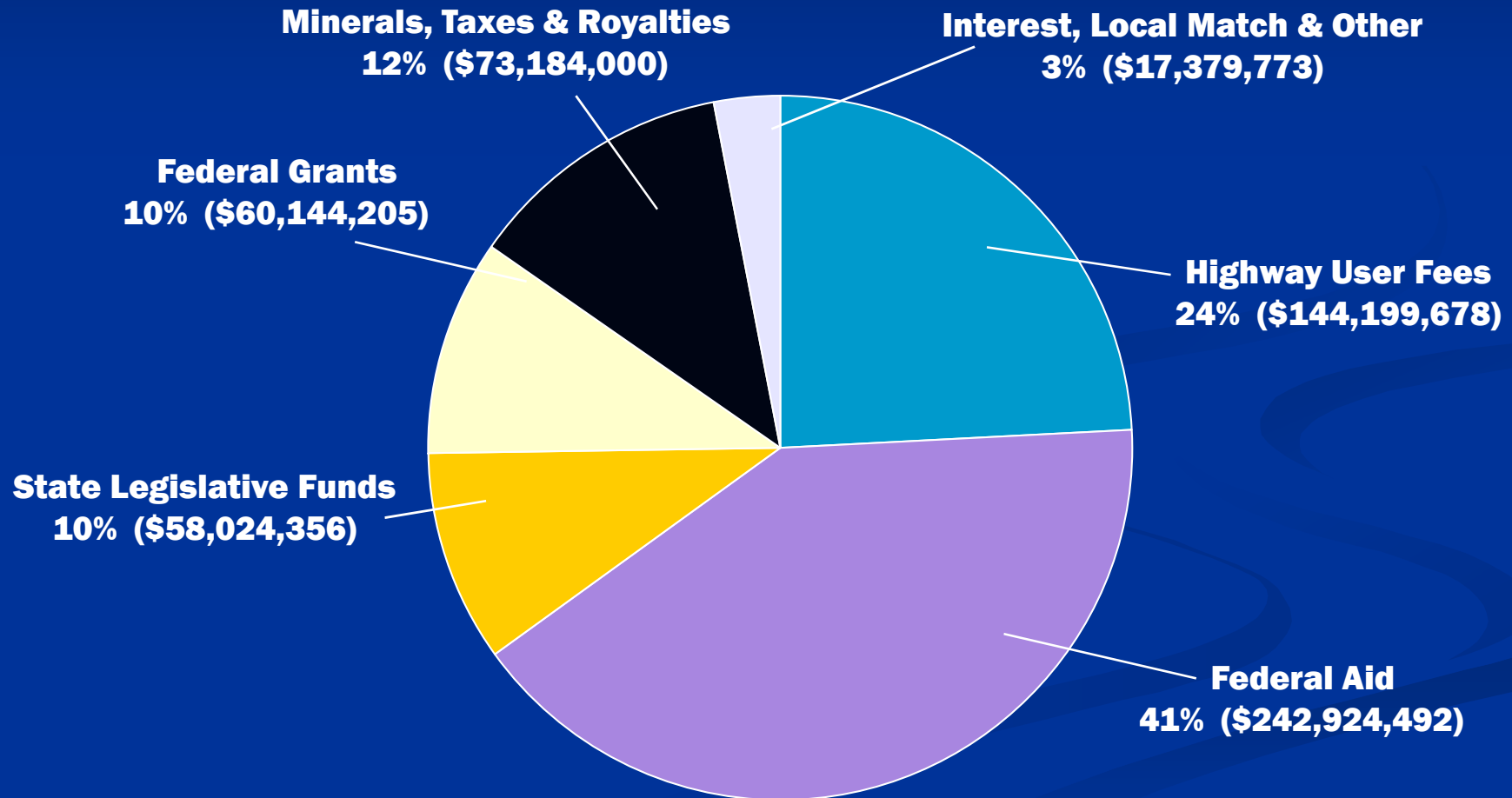
\$595,856,504





Transportation Revenues **Statewide**

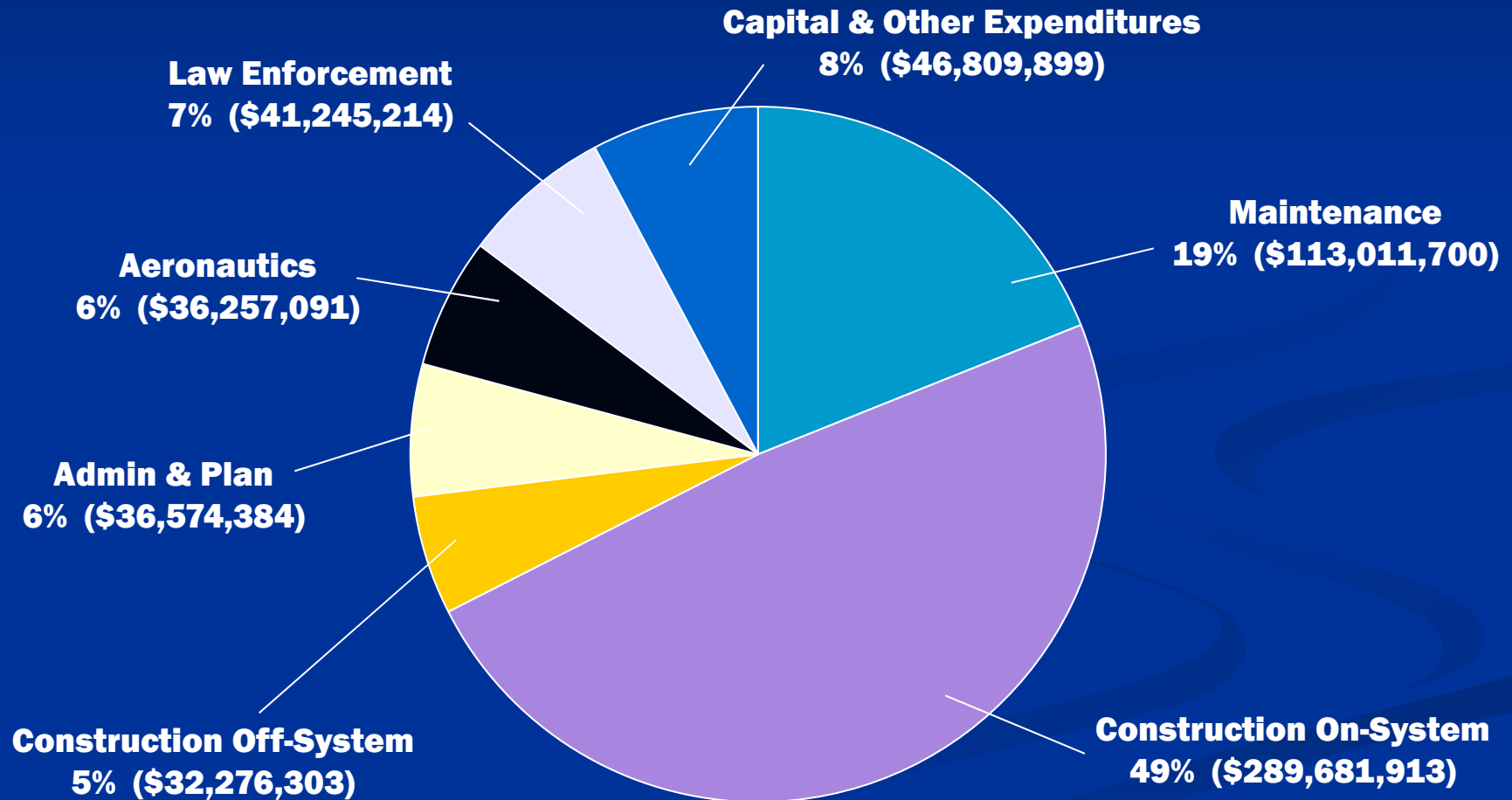
Anticipated for 2010





Transportation Expenditures **Statewide**

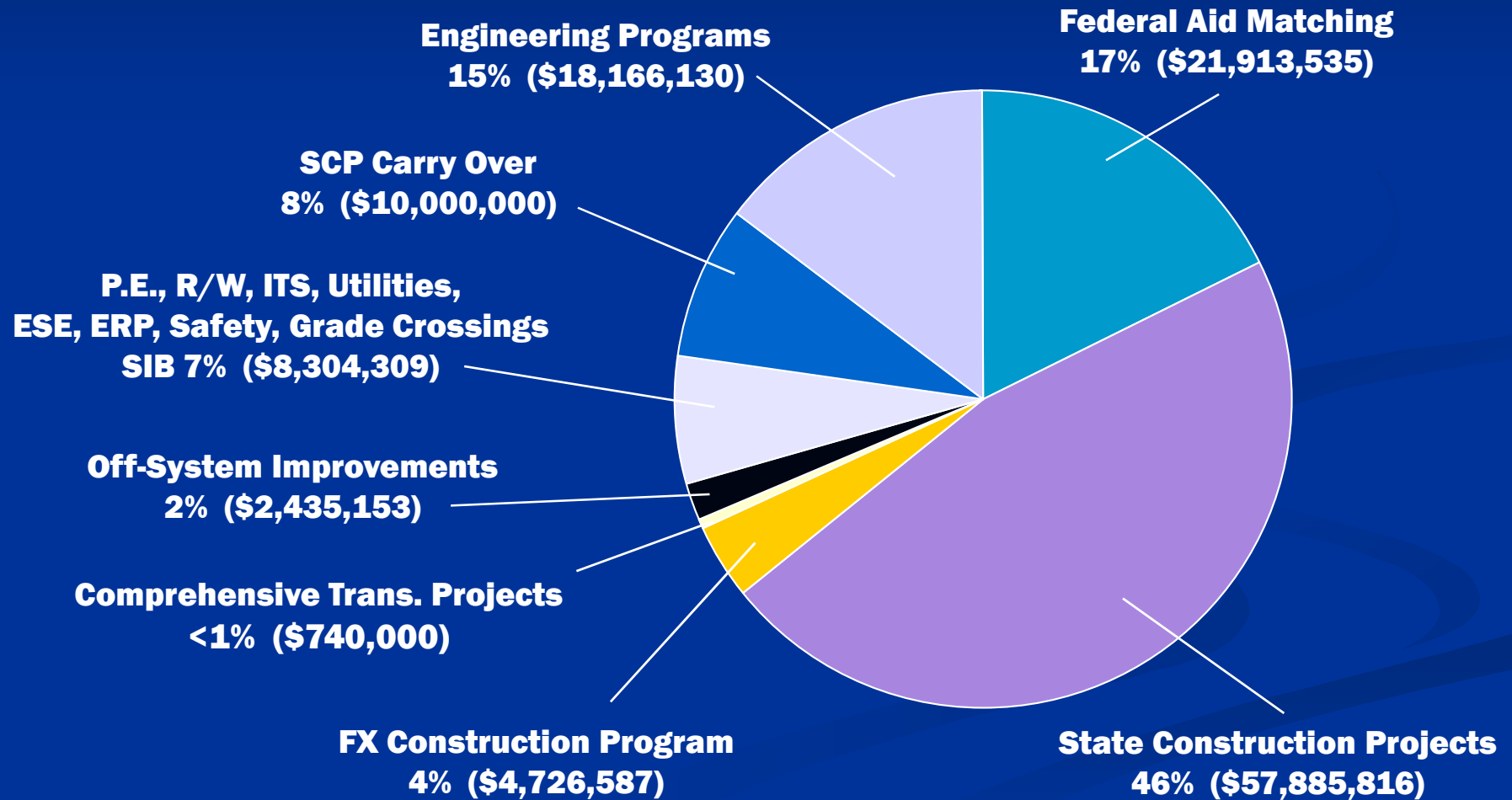
Anticipated for 2010





State Funded Programs

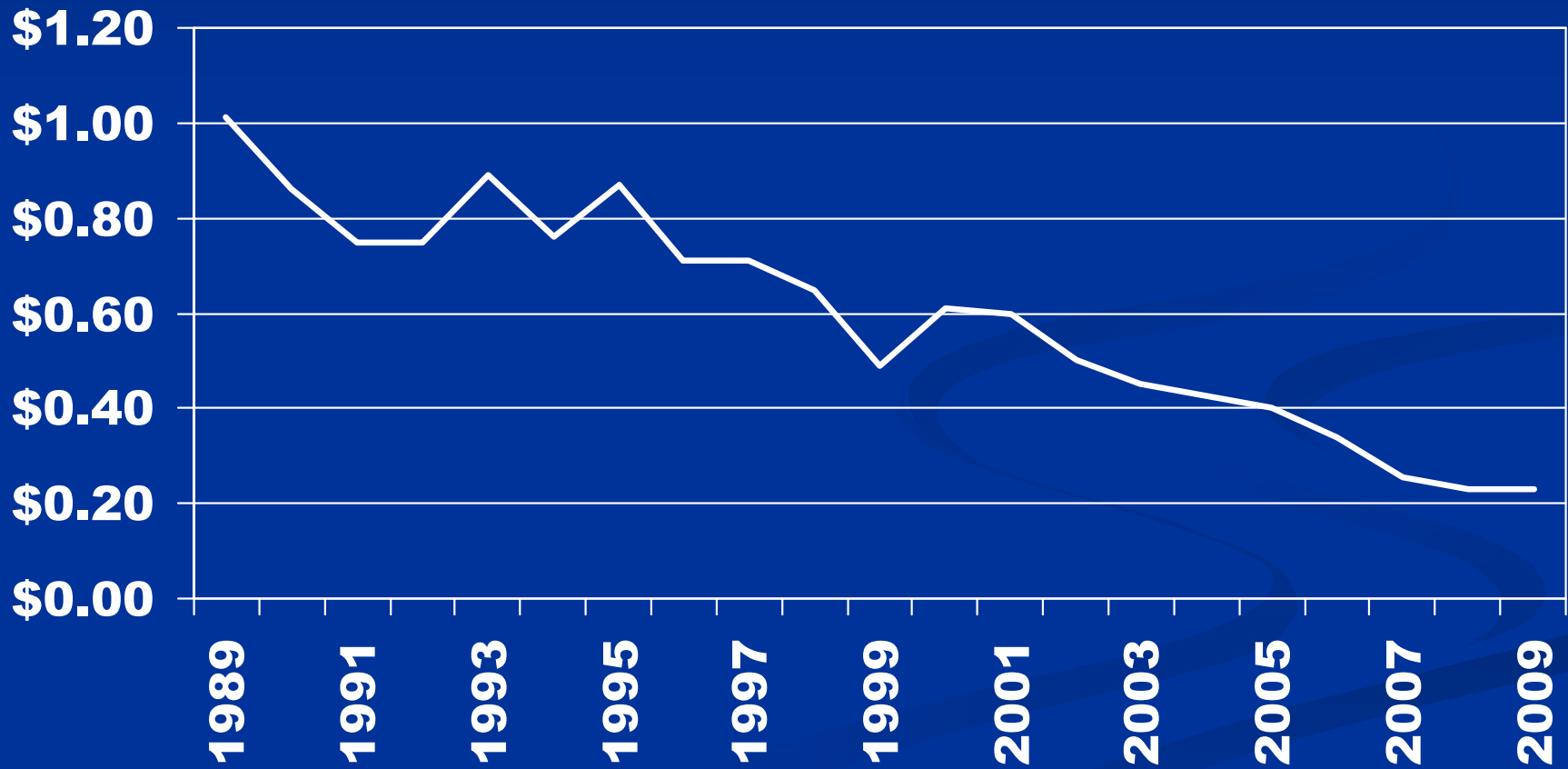
\$124.17 million for Fiscal Year 2010 (does not include maintenance)





DOT Inflation Pressure Statewide

Purchasing Power of a Construction Dollar





Other Cost Factors **Statewide**

- Maintaining traveler mobility adds up to 20% to project costs
- Environmental documents, i.e. EIS & EA
- Wetlands mitigation
- Endangered species studies & mitigation
- Historic sites studies & mitigation
- Hazmat site clean-ups

- **All impact the districts' annual budget**





Construction Costs **Statewide**

Measured Per Center Line Mile

2-lane resurface: **\$0.70 - \$1.25 million**

4-lane resurface: **\$1.30 - \$2.75 million**

2-lane asphalt reconstruction: **\$1.25 - \$2.75 million**

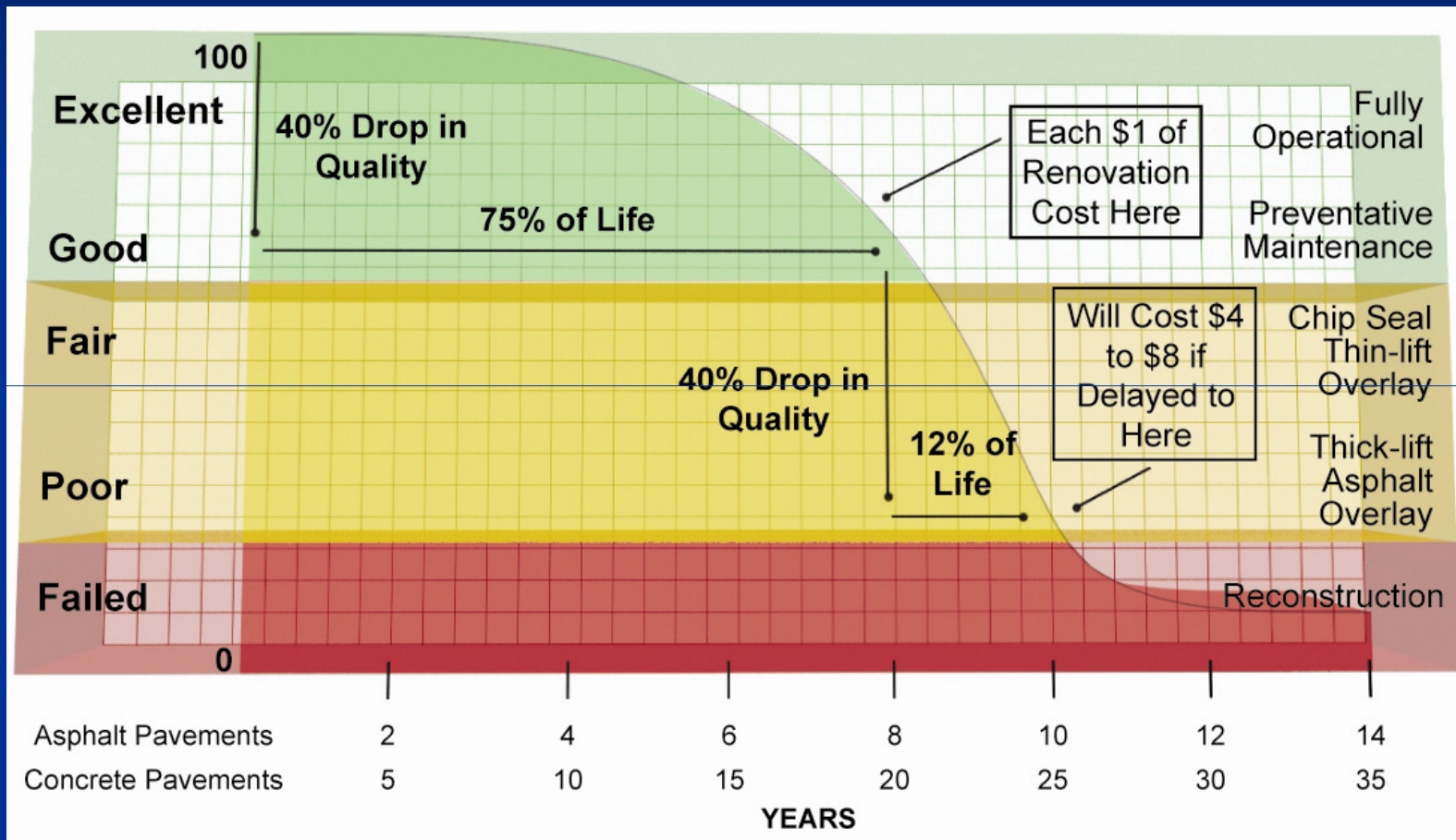
4-lane asphalt reconstruction: **\$2.50 - \$4.00 million**

4-lane concrete reconstruction: **\$4.00 - \$5.25 million**





Road Deterioration vs. Time Statewide



For every dollar NOT spent on timely preventative maintenance, construction costs increase by four to eight dollars.



The STIP Realities

State Transportation Improvement Program

Design phase activities (0-5 years before construction)

- Detailed Design Preliminary Engineering
 - Complete Environmental Impact Studies
 - Conduct Surveying
 - Conduct Public Involvement
 - Evaluate Design Alternatives
 - Address Utility Conflicts
 - Issue Final Design Plans
 - Secure Needed Right-of-Way
 - Conduct Contract Letting

(year 5)



(year 0)



Funding WYDOT District 1

District 1 primarily consists of 3 counties:

Albany, Carbon and Laramie.

In 2009, District 1 received roughly **\$115** million to repair and maintain 1,300 highway miles.

This year, District 1 will receive approximately **\$44** million.

In 2011, District 1 is expected to receive approximately **\$41** million.





Emerging Projects Carbon County

20 projects are planned in the next six years.

Resident Engineers:

Jake Lonn, 328-4103



Ralph Tarango, 328-4104

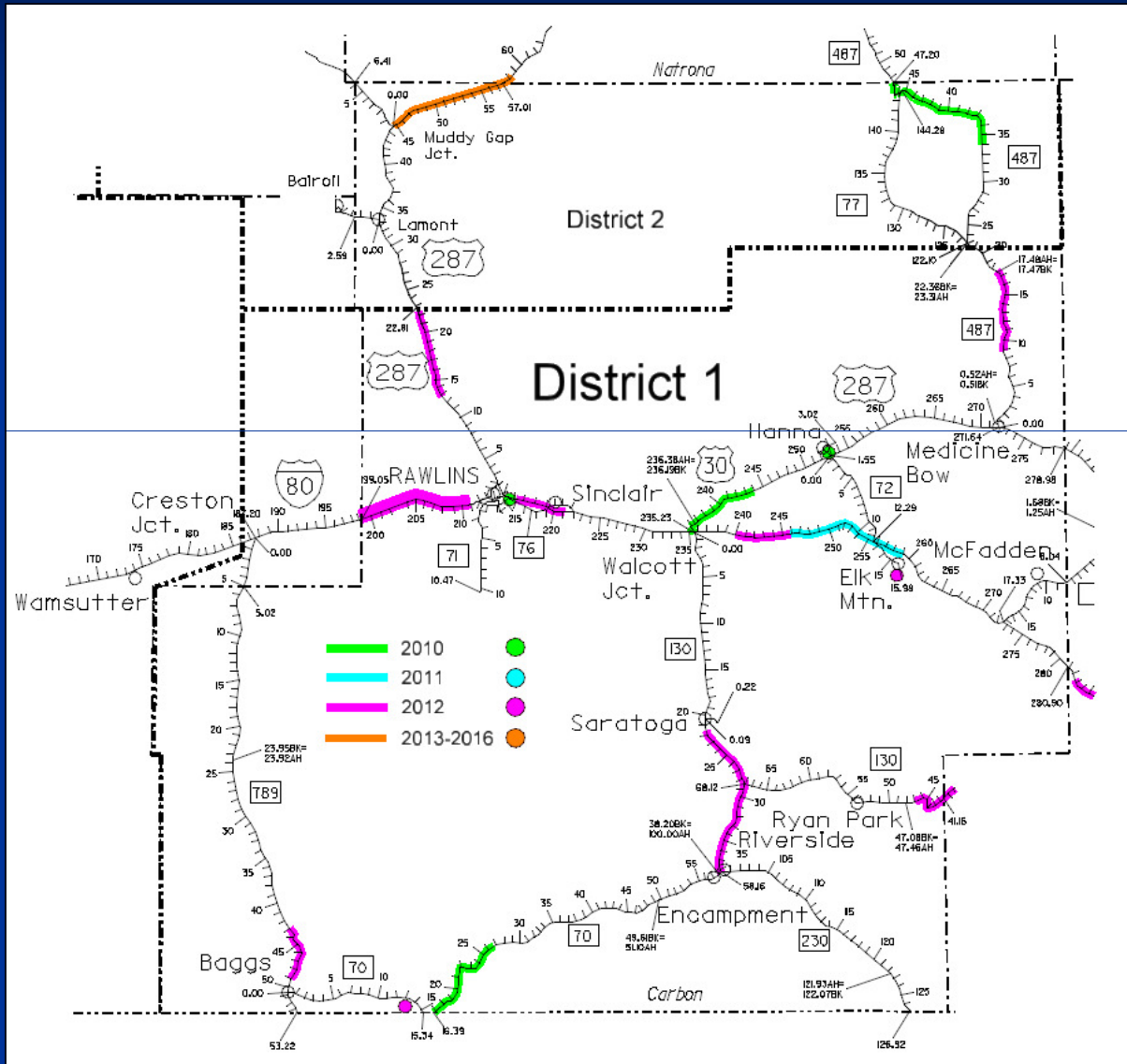


WYDOT
301 Airport Road
PO Box 1040
Rawlins, Wyoming 82301
www.dot.state.wy.us



Emerging Projects Carbon County

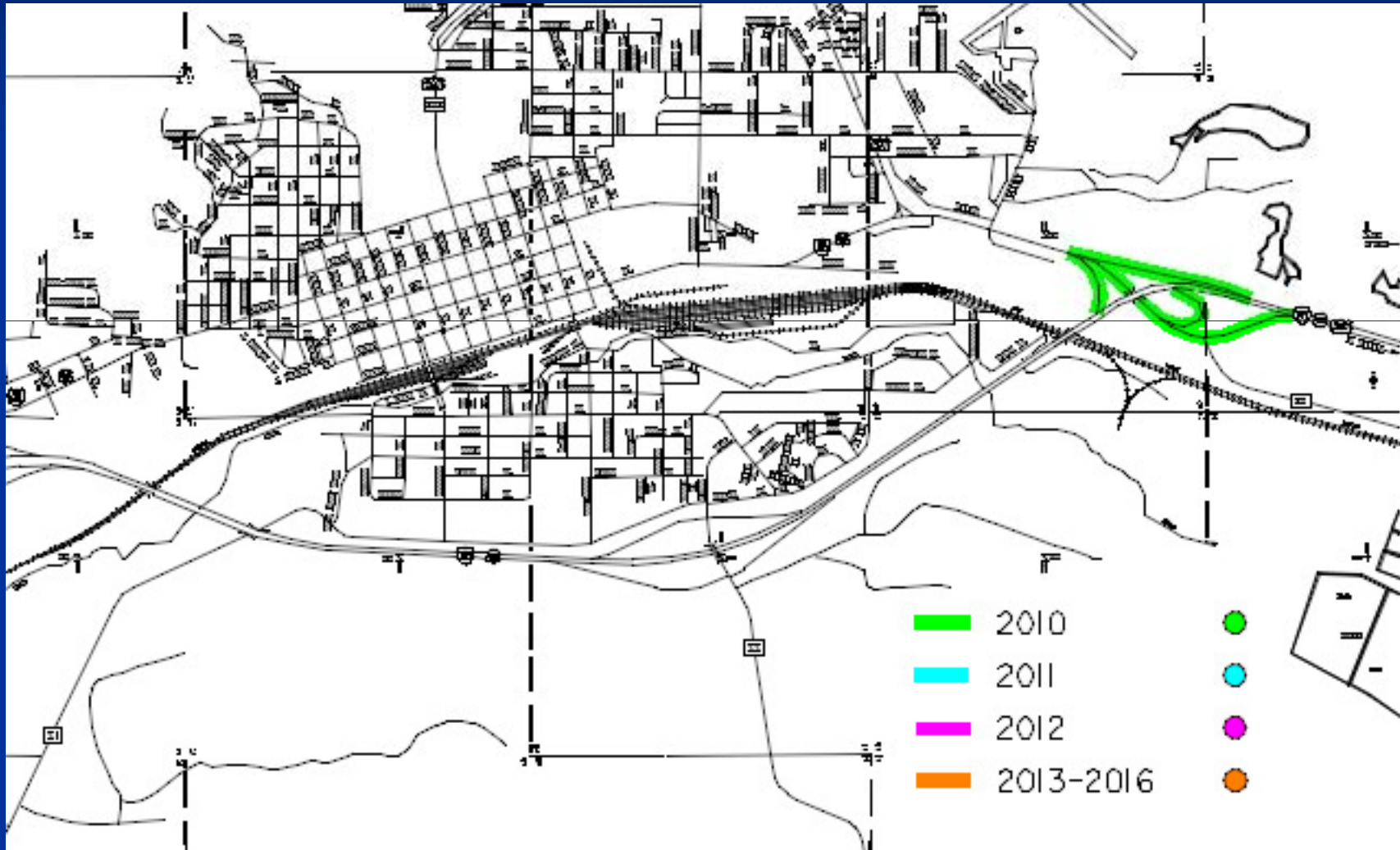
2010 to 2015 STIP





Emerging Projects Rawlins

2010 to 2015 STIP





Emerging Projects **FY 2010** Carbon County

I-80 Cedar Street Interchange Bridge Replacement in Rawlins \$3.5 million





Emerging Projects **FY 2010** Carbon County

WYO 70 between Baggs and Encampment overlay, MP 17-27 \$3.0 million (SL funds)





Emerging Projects **FY 2010** Carbon County

U 30 overlay between Walcott Jct and Hanna, MP 235-244 **\$2.3 million**





Emerging Projects **FY 2010** Carbon County

Mag Chloride dust suppression \$0.4million (CMAQ funds)





Emerging Projects **FY 2010** Carbon County

District-wide chip seal projects \$3.6 million (STIM funds)

WYO 130 (Snowy Range Road), mp 57-68

WYO 130/230 between Walcott Jct and Saratoga, mp 0-10

WYO 230 between Riverside and the Colorado state line, mp 113-127

WYO 76 service road between Rawlins and Sinclair, mp 220-222

US 30 between Walcott Jct and Hanna, mp 244-253

US 30 between Hanna and Medicine Bow, mp 253-264





Emerging Projects **FY 2010** Carbon County

I-80 Walcott - Laramie / snow fence replacement, MP 267-290 \$4.3 million (STIM Funds)





Emerging Projects **FY 2010** Carbon County

Hanna Welcome Sign \$0.03 million (TEAL funds)





Emerging Projects **FY 2010** Carbon County

I-80 Elk Mountain EBL mill and overlay and bridge repairs, MP 251-259 \$8.3 million (40% STIM funds)





Emerging Projects **FY 2011** Carbon County

New Snow Fence on I-80 between Walcott Jct and Cooper Cove, MP 240 and 290 **\$1.8 million**





Emerging Projects **FY 2011** Carbon County

I-80 Elk Mountain WBL mill and overlay and bridge repairs, MP 251-259 **\$6.1 million**





Emerging Projects **FY 2011** Carbon County

I-80 Halleck Ridge Section WBL mill and overlay, MP 246-251 **\$3.7 million**





Emerging Projects **FY 2012** Carbon County

I-80 Rawlins West WBL resurface 199-211: **\$11.3 million**





Emerging Projects **FY 2012** Carbon County

I-80 Rawlins West EBL resurface 199-211: **\$11.2 million**





Emerging Projects **FY 2012** Carbon County

WYO 130/230 between Saratoga and Riverside spot safety improvement of guard rail, extend pipes, MP 21-38 **\$1.4 million**





Emerging Projects **FY 2012** Carbon County

Elk Mountain / Medicine Bow River Bridge replacement \$1.4 million (BROS funding)





Emerging Projects **FY 2013** Carbon County

US 287 Bell Springs widen and overlay passing lane, MP 15-23 **\$11.3**





Emerging Projects **FY 2014** Carbon County

I-80 Rawlins - Elk Mountain (Dana Ridge) WBL, MP 240-247 **\$5.9 million**





Emerging Projects **FY 2015** Carbon County

I-80 Between Rawlins and Sinclair stage overlay, MP 216-221 **\$7.8 million**





Emerging Projects **FY 2015** Carbon County

Savery Creek Bridge replacement \$1.0 million (BROS funding)





Emerging Projects **FY 2015** Carbon County

WYO 789 Animal Underpass between MP 43 and 49 **\$2.0 million**





Available On-System Funds

Transportation Enhancement Activities (TEAS)

- Also known as On-System Enhancements.
- 10 percent local match. Includes restoration of historic facilities, bike paths, landscaping.

Context Sensitive Amenities

- Landscaping, bridge aesthetics, patterned/colored concrete.
- Urban areas approved by district, determined and agreed upon at reconnaissance meeting. Communities take on maintenance responsibilities.



Available Off-System Funds

Commission Road Improvement Program (CRIP)

- At least 15 percent local match. Reviewed and determined by WYDOT Commission

Bridge Replacement Off-System (BROS)

- 9.5 percent match for new projects

Industrial Road Program (IRP)

- 50 percent match



Available Off-System Funds

Surface Transportation Program (STP-Urban)

- Population over 5,000 and 10 percent local match.

Surface Transportation Program: Rail (STP-R)

Transportation Enhancement Activities (TEAL)

- Off-System enhancements.
- 20 percent local match. Apply to Citizen Advisory Committee by June 30 of each year.

Cooperative Agreements (ARS)

- 100 percent local funds but work performed by WYDOT.
- Combining with larger WYDOT projects to help communities save money.



District 1 Contacts

Local Government Coordinator

Richard Douglass

5300 Bishop Blvd.

Cheyenne WY 82009-3340

307-777-4384

Richard.Douglass@dot.state.wy.us





District 1 Contacts

WYDOT District 1

3411 South 3rd Street
Laramie, WY 82070
(307) 745-2100

District Engineer: Jay Gould



District Maintenance Engineer: Tim McGary



District Construction Engineer: Pat Persson



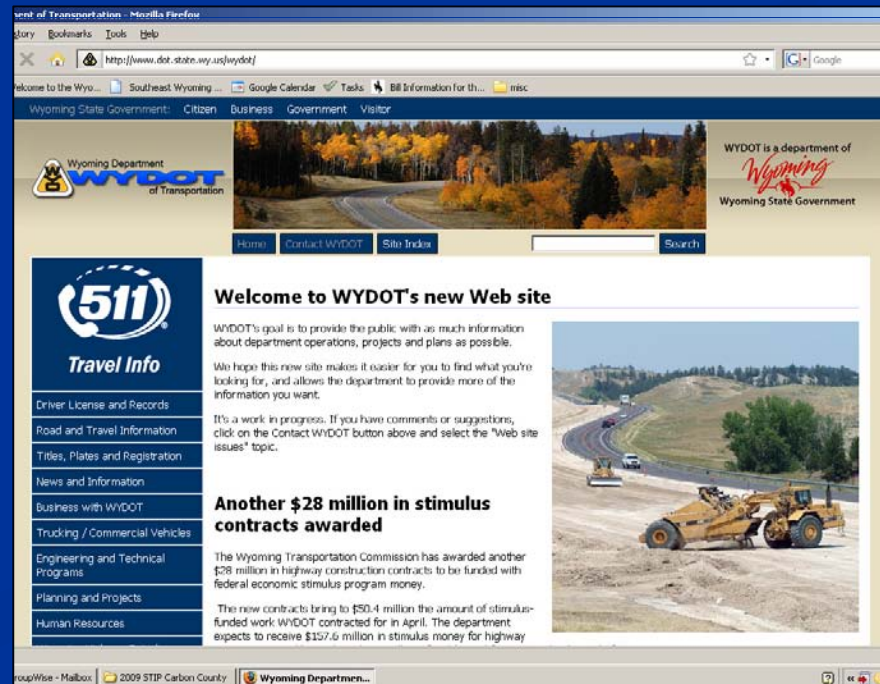


New and Improved! www.dot.state.wy.us

Please remember to visit our website where this STIP presentation is available as a pdf file at:

www.dot.state.wy.us/wydot/news_info/district_news_info/district_1/district1stipdocuments

And more info on Wyoming Connects at:
www.wyoconnects.com





Emerging Projects Carbon County

FY 2010

Rawlins / Cedar Street Interchange / bridge replacement	\$ 3.5 million
{ SL } WYO 70 Baggs-Encampment / overlay	3.0
US 30 Walcott Jct - Hanna / overlay	2.3
{ CMAQ } Carbon County / dust suppression	0.4
{ STIM } District-Wide Chip Seal projects	3.6
{ STIM } I-80 Walcott-Laramie / snow fence replacement	4.3
{ TEAL } Hanna Welcome Sign	0.03
{ 40% STIM } I-80 Elk Mountain EBL / mill and overlay and bridge repairs	8.3

FY 2011

New Snow Fence on I-80 between MP 240 and 290	\$ 1.8 million
I-80 Elk Mountain WBL/ mill and overlay	6.1
I-80 Halleck Ridge Section WBL / mill & overlay	3.7



Emerging Projects Carbon County

FY 2012

I-80 Rawlins West WBL / resurface	\$ 9.0 million
I-80 Rawlins West EBL / resurface	9.0
WYO 130/230 between Saratoga and Riverside / spot safety improvement of guard rail, extend pipes	1.7
{ BROS } Elk Mountain / Medicine Bow River Bridge replacement	1.4

FY 2013

US 287 Bell Springs / widen and overlay	\$ 11.3 million
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FY 2014

I-80 Rawlins-Elk Mountain (Dana Ridge) WBL / mill and overlay	\$ 5.9 million
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FY 2015

I-80 Rawlins-Sinclair / stage overlay	\$ 7.8 million
{ BROS } Savery Creek Bridge replacement	1.0
WYO 789 Animal Underpass	2.0