

Laramie County

The Big Picture



Jay Gould, District Engineer, District 1

Tim McGary, District 1 Maintenance Engineer

Pat Persson, District 1 Construction Engineer

June 8, 2010



Our Goals Today

Transportation Information Exchange

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





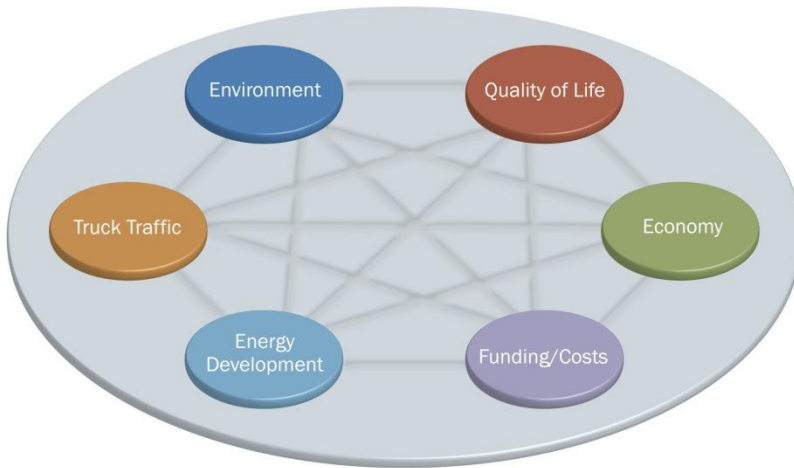
Wyoming Connects Statewide

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

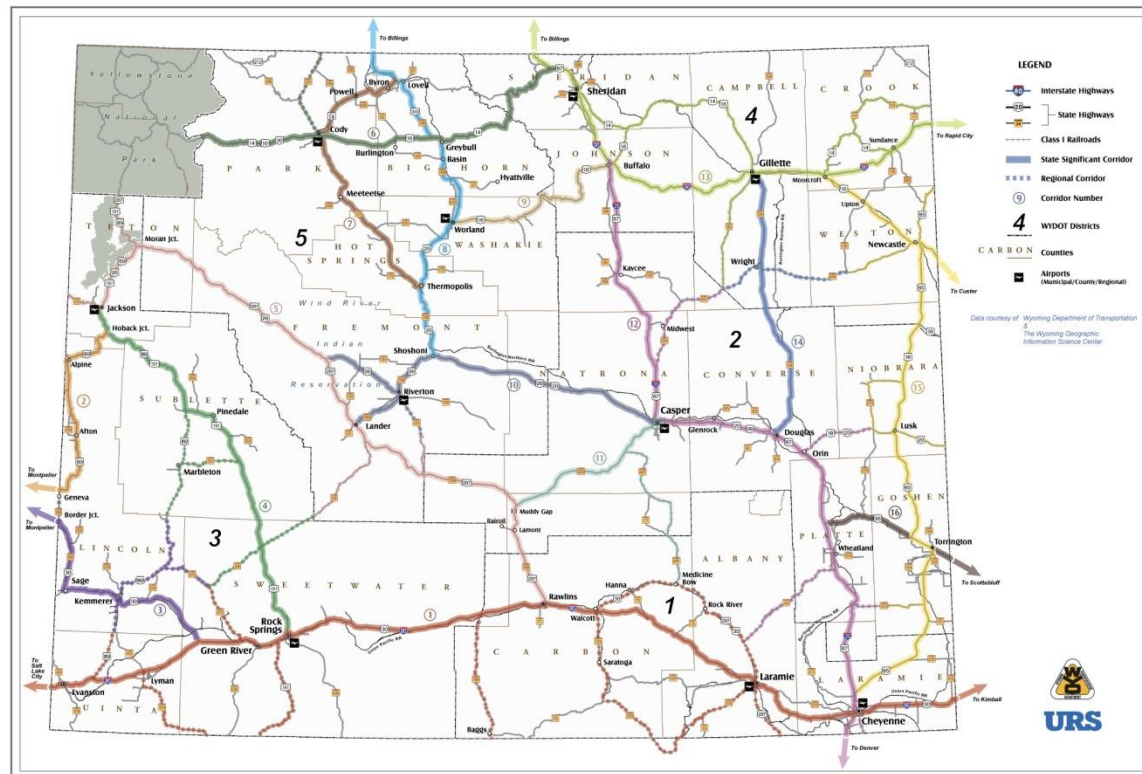
- Connect People to Places
- Identify Key Routes and Facilities
- Support State Economy
- Focus Investments

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





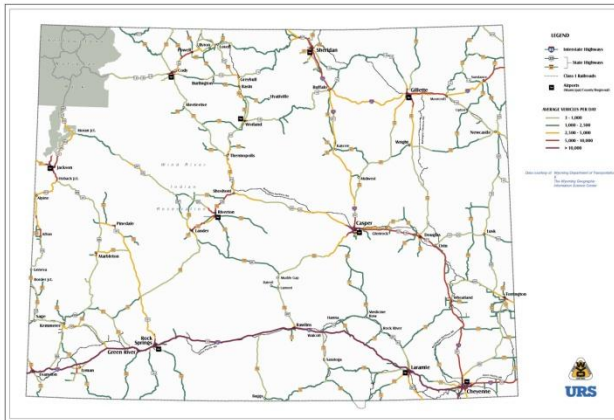
Wyoming Connects Statewide

Long Range Planning System Condition

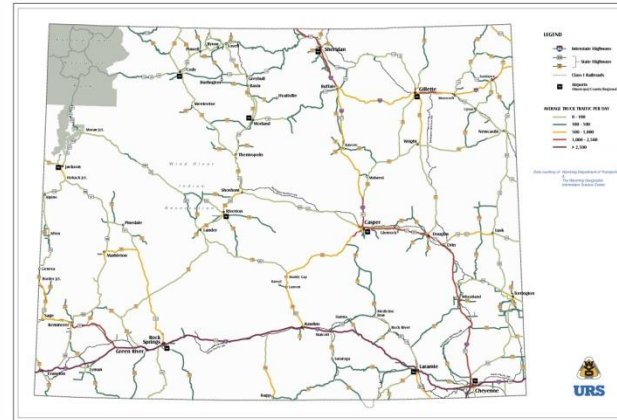
SYSTEM CONDITION



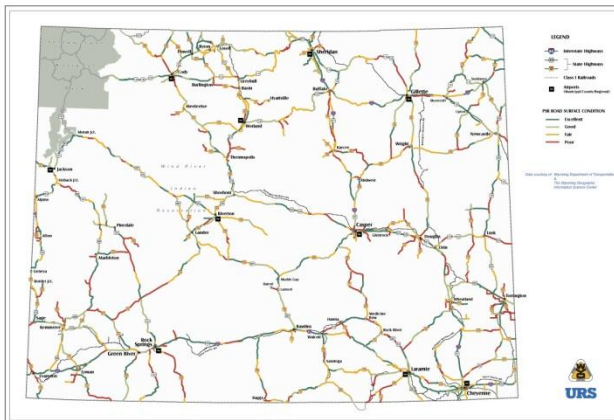
AVERAGE ANNUAL DAILY TRAFFIC - 2008



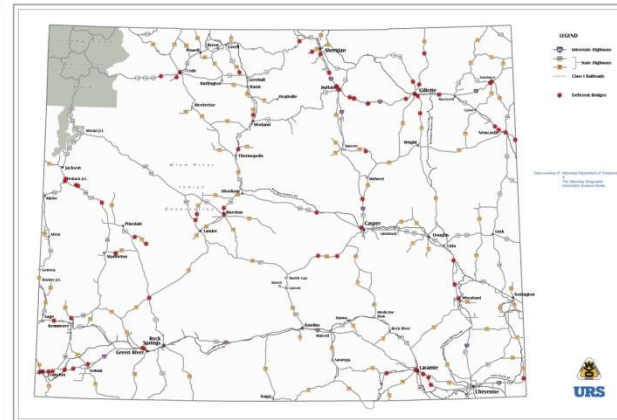
AVERAGE ANNUAL DAILY TRUCK TRAFFIC - 2008



HIGHWAY SURFACE CONDITION - 2008



DEFICIENT BRIDGES - 2008

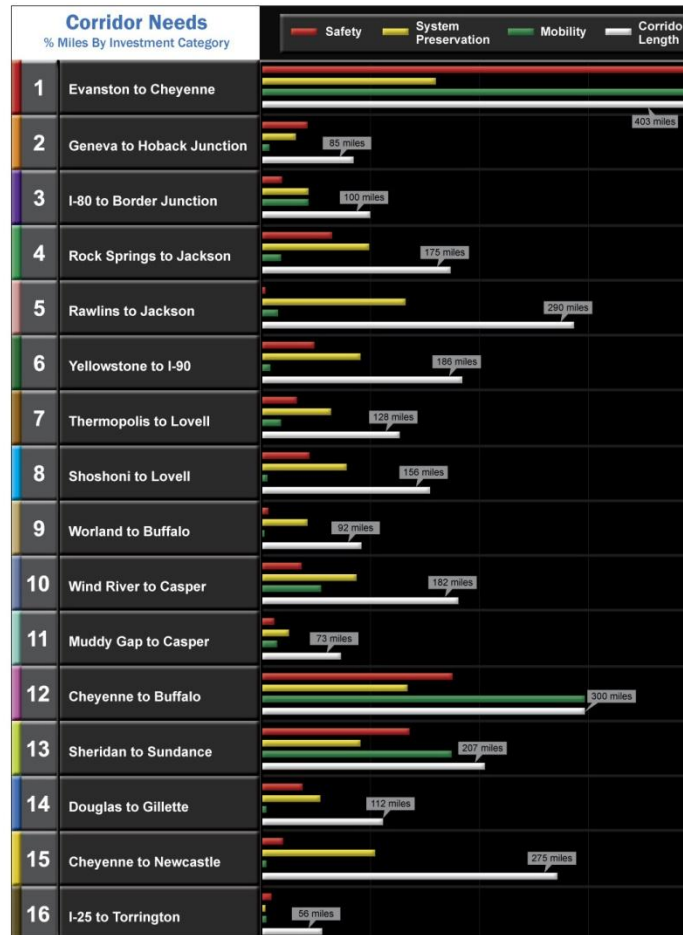




Wyoming Connects Statewide

Long Range Planning Summary of Corridor Needs

SUMMARY OF CORRIDOR NEEDS

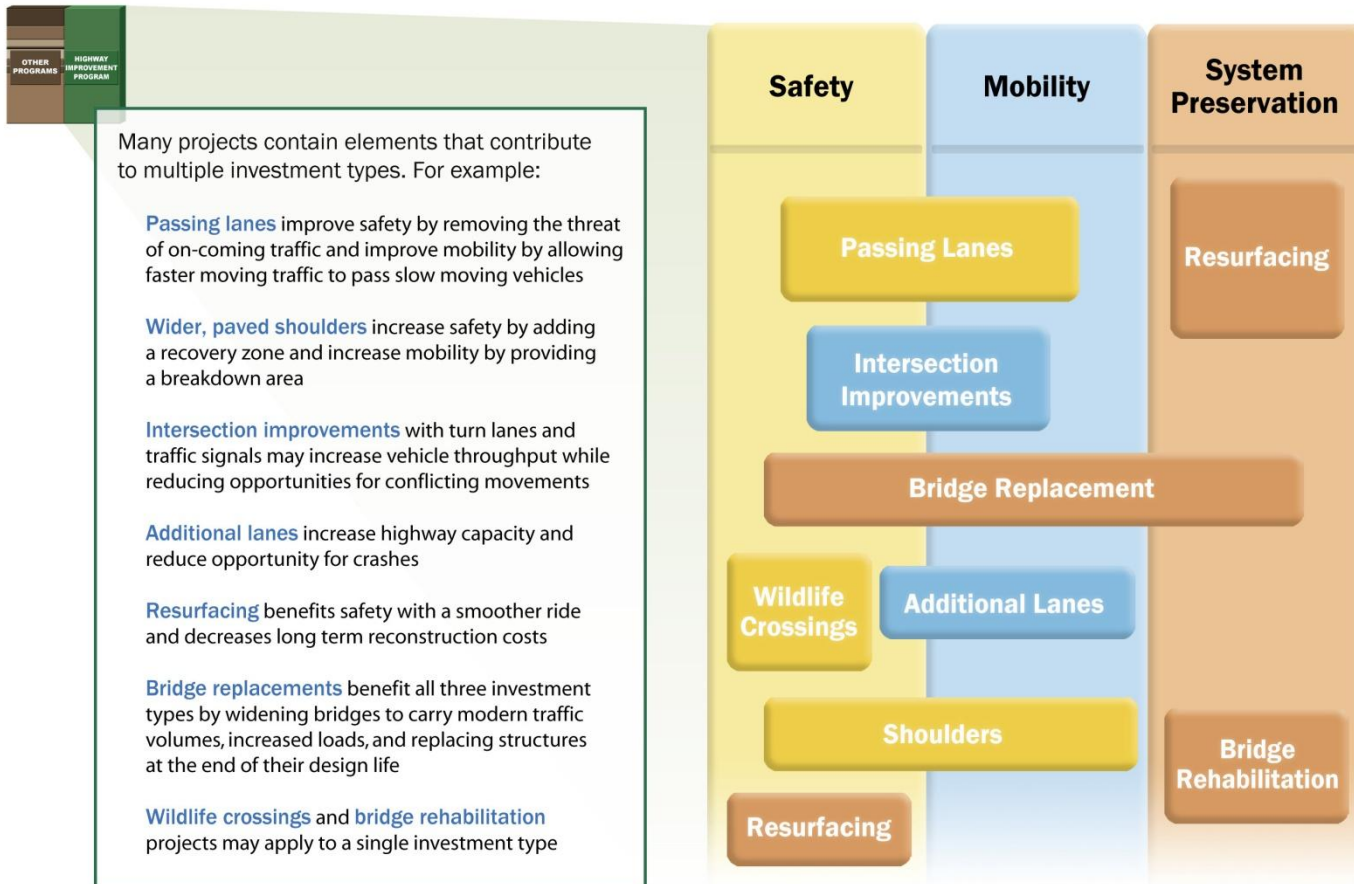




Wyoming Connects Statewide

Long Range Planning Improvement Projects Classified by Investment Type

HOW ARE HIGHWAY IMPROVEMENT PROJECTS CLASSIFIED BY INVESTMENT TYPE?





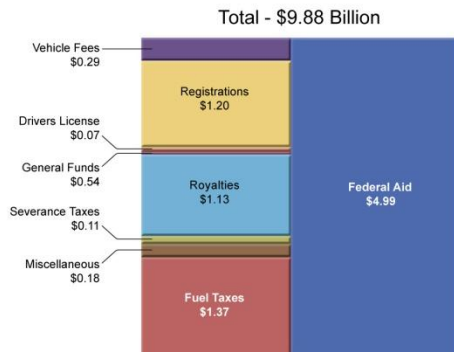
Wyoming Connects Statewide

Long Range Planning Financial Overview

FINANCIAL OVERVIEW

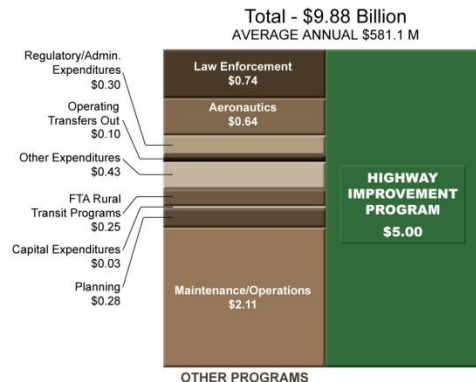


ANTICIPATED REVENUES (2010-2026)

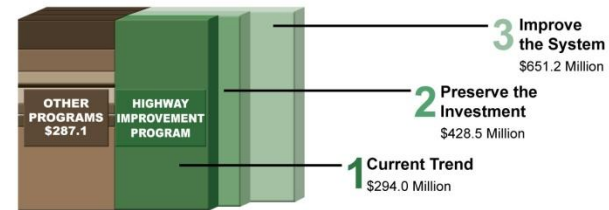


* General Funds - approximately \$2 M per year dedicated to Air Service Enhancements and Communications Program.

TOTAL ALLOCATION (2010-2026)



THREE FUNDING SCENARIOS Average Annual Investment



1 CURRENT TREND

\$581.1 Million Annual



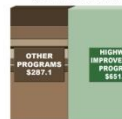
2 PRESERVE THE INVESTMENT

\$715.6 Million Annual



3 IMPROVE THE SYSTEM

\$938.3 Million Annual





Transportation Revenues **Statewide**

Total Anticipated Revenue for 2010

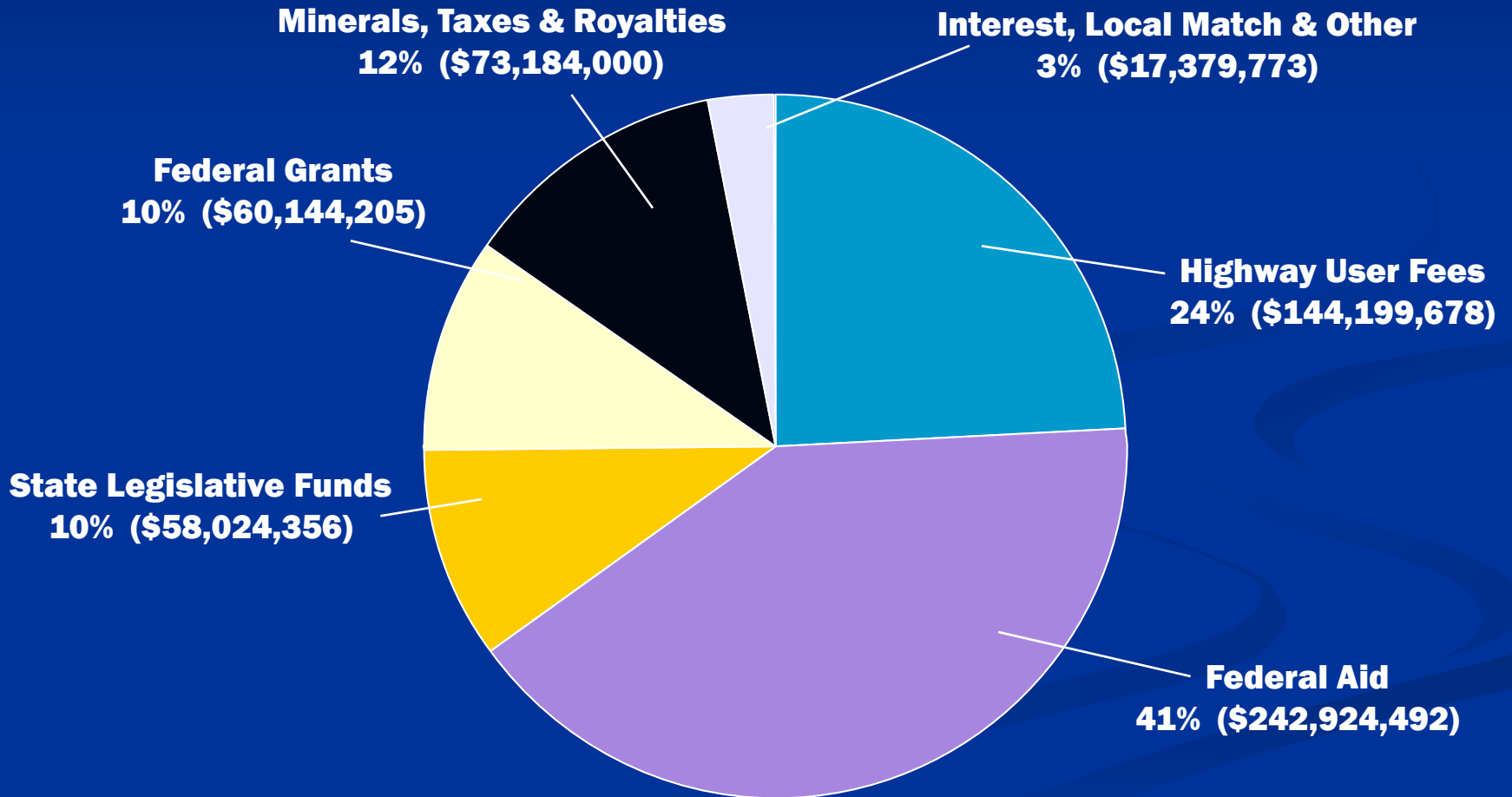
\$595,856,504





Transportation Revenues **Statewide**

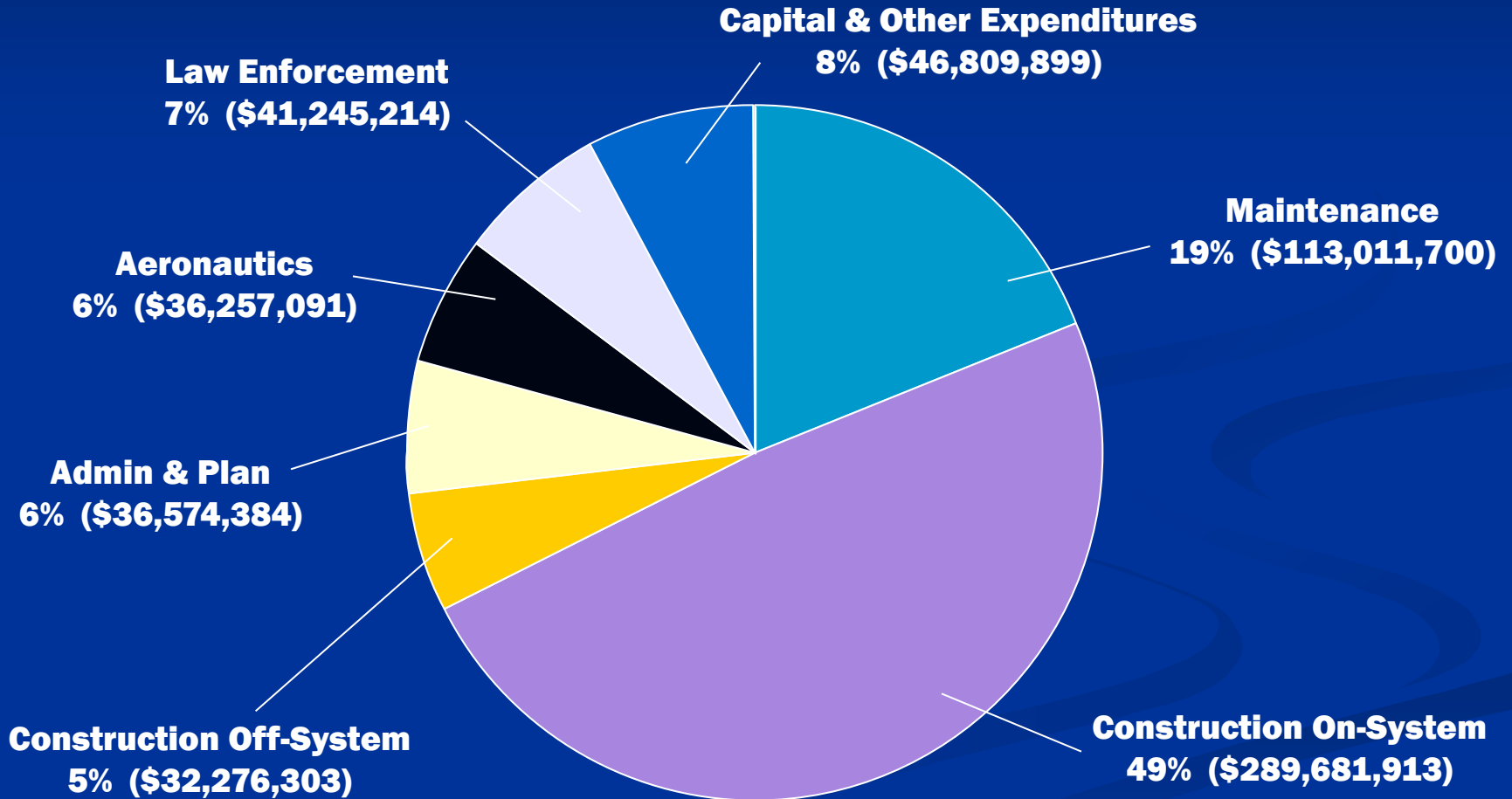
Anticipated for 2010





Transportation Expenditures **Statewide**

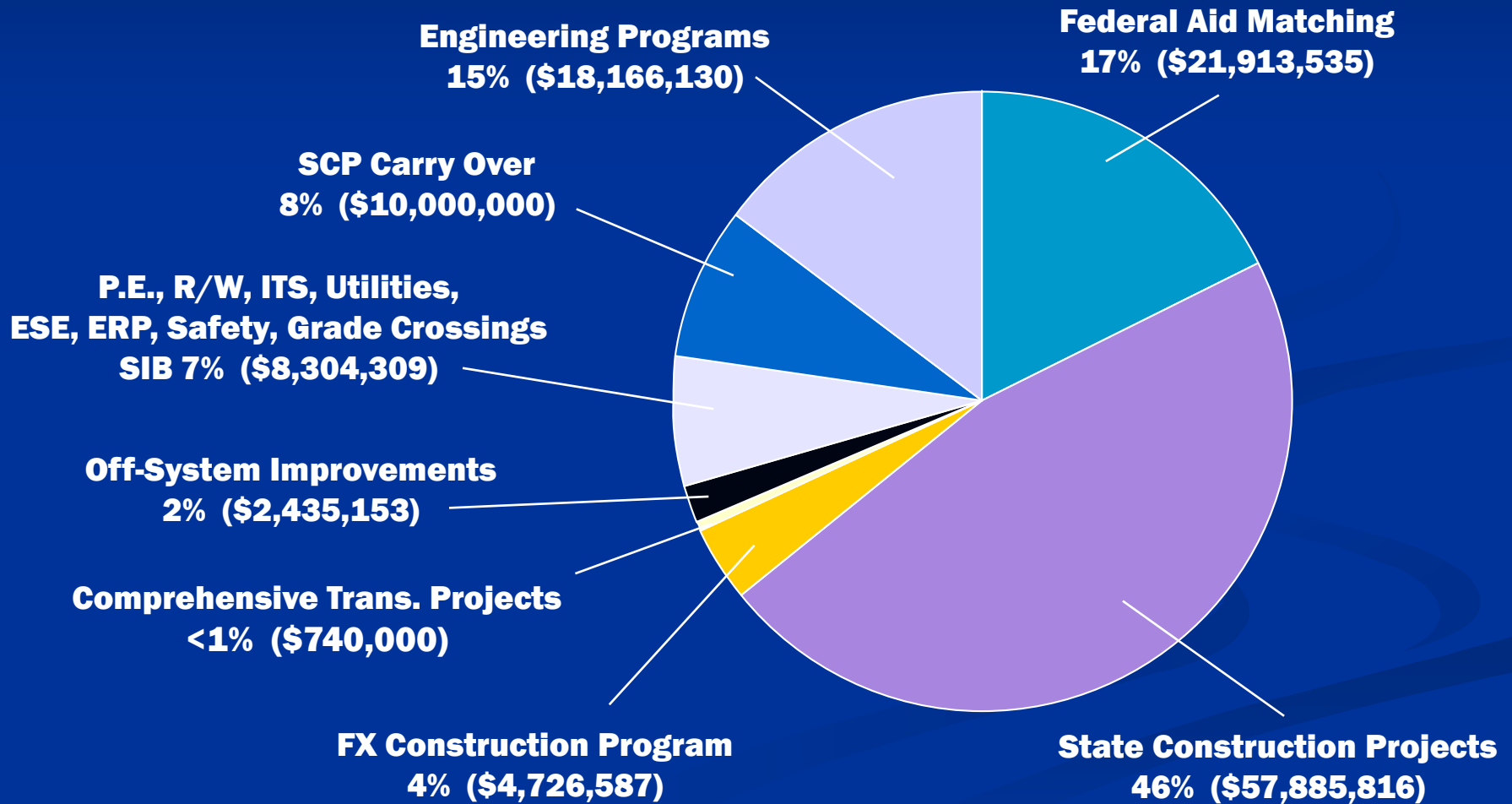
Anticipated for 2010





State Funded Programs

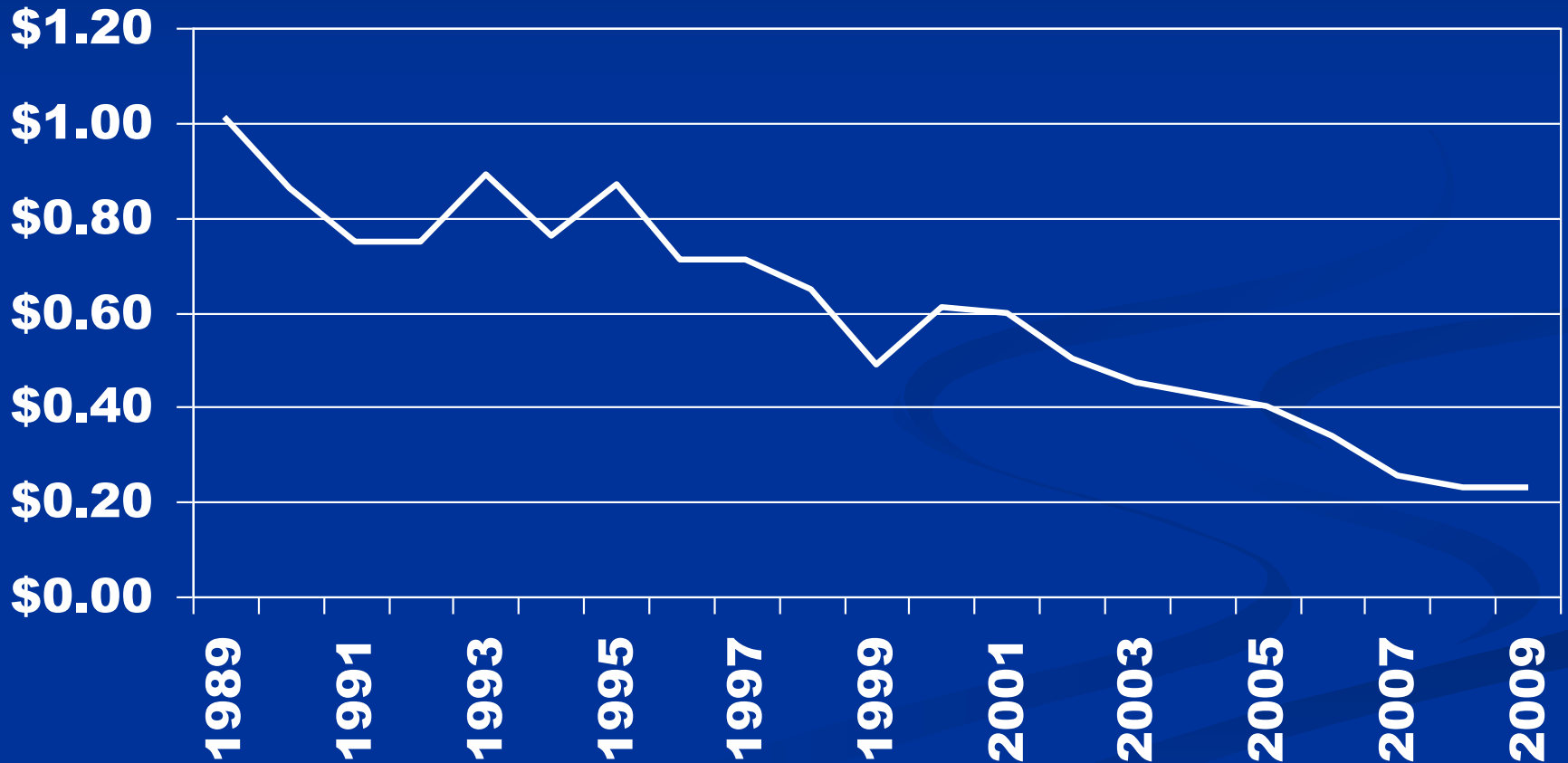
\$124.17 million for Fiscal Year 2010 (does not include maintenance)





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

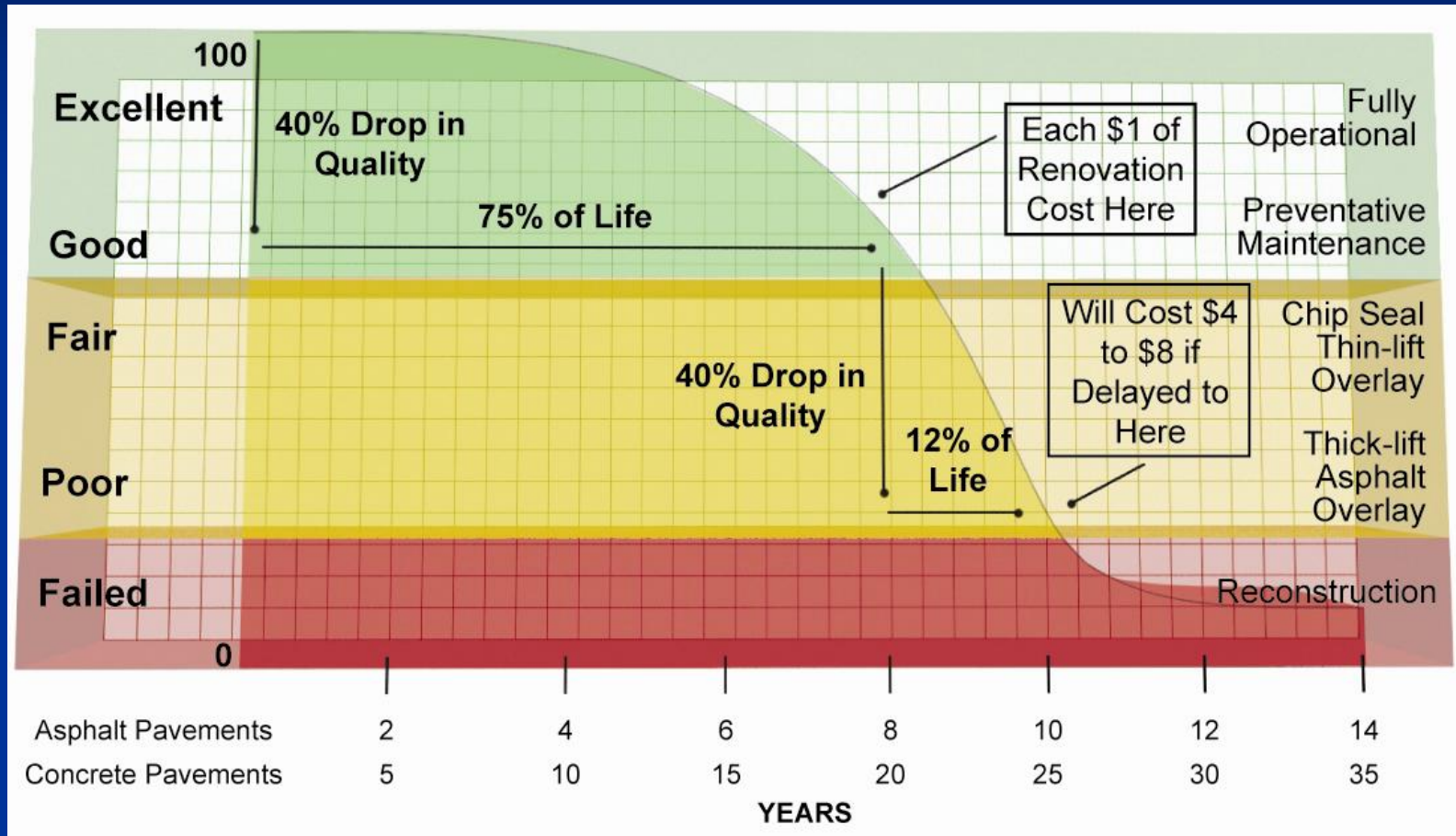
4-lane asphalt reconstruction: \$2.50 - \$4.00 million

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





Road Deterioration vs. Time Statewide



For every dollar NOT spent on timely preventive 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 Laramie County

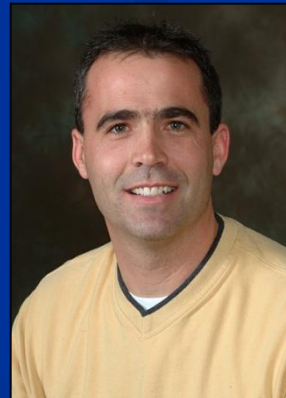
22 projects are planned in the next seven years.

Resident Engineers

Don Fuller 777-4405



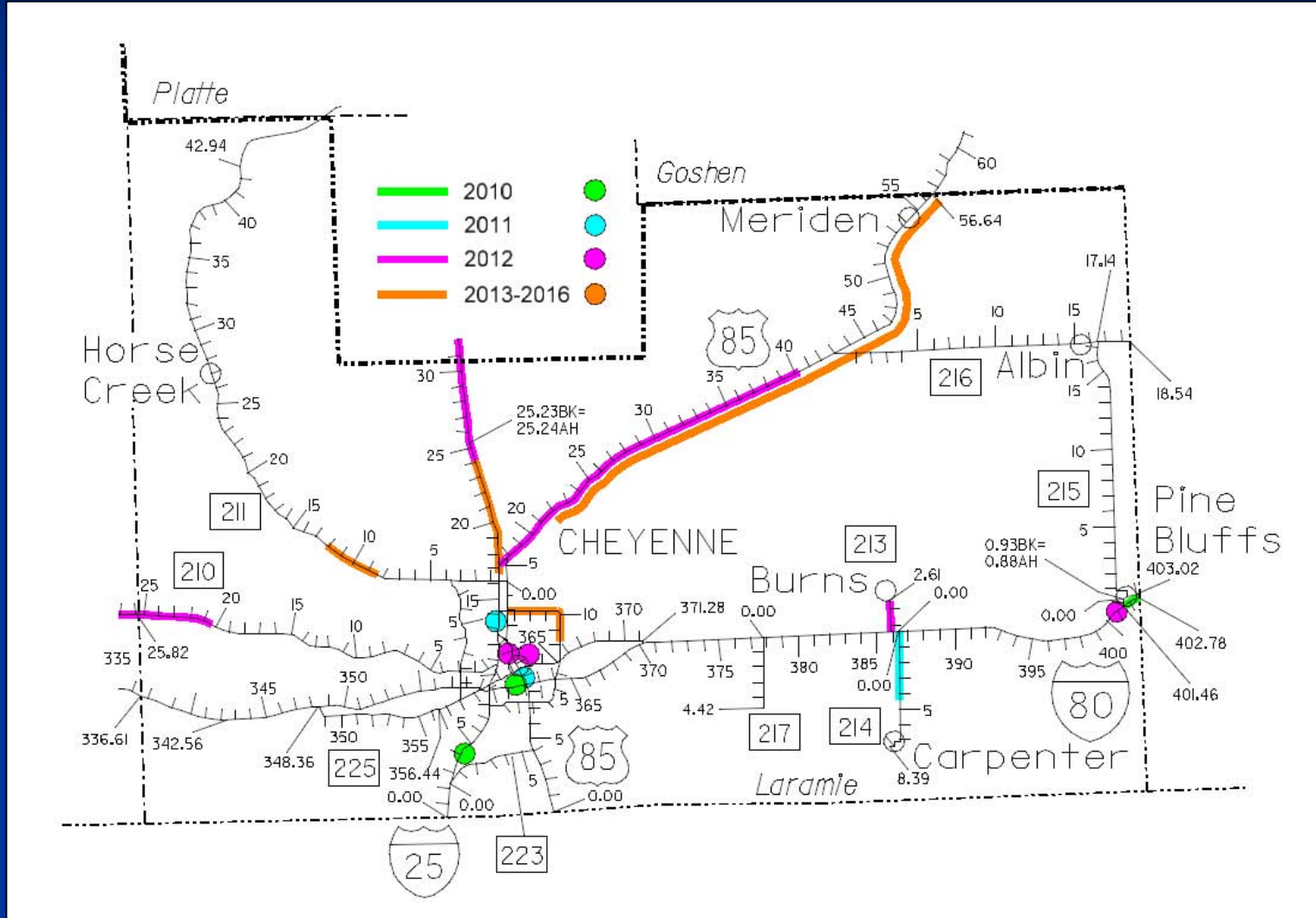
Tom DeHoff 777-4404





Emerging Projects Laramie County

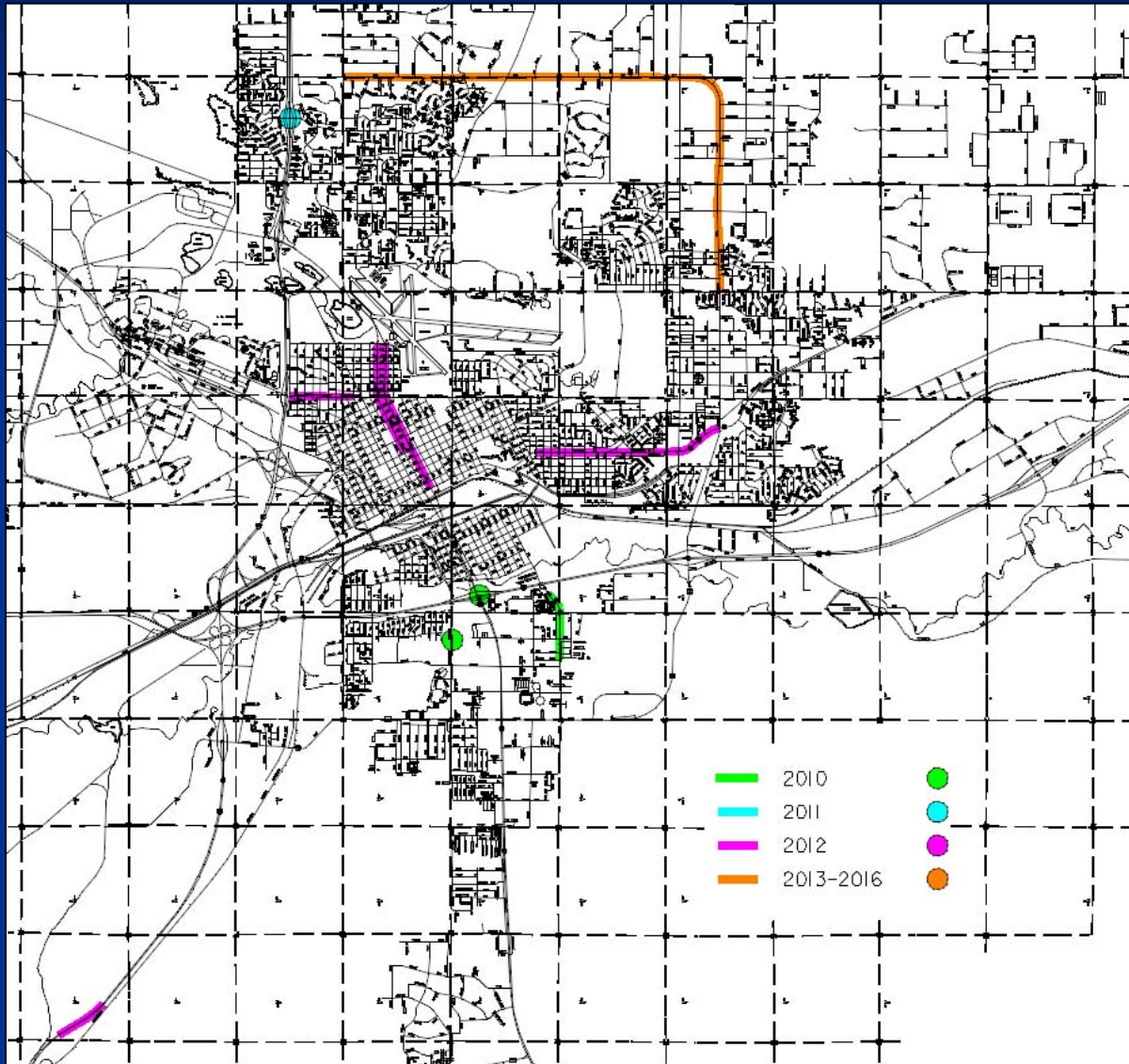
2010 to 2016 STIP





Emerging Projects Cheyenne

2010 to 2016 STIP





Emerging Projects **FY 2010** Laramie County

High Plains Road Intersection I-25 mp 4.6-5.2 **\$6.3 Million**





Emerging Projects **FY 2010** Laramie County

High Plains Road Intersection Welcome Center site prep **\$0.650 Million**





Emerging Projects **FY 2010** Laramie County

West Lincolnway Reconstruction Westland Road to I-80 **\$9.2 Million (STIM)**





Emerging Projects **FY 2010** Laramie County

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

Approx 70 miles in Laramie County

WYO 211 (Horse Creek Road), mp 0-8

I-25, mp 16-24

US 85, mp 0-7

WYO 215, mp 0-5, 10-17

WYO 216, mp 0-10

I-80 service road, mp 0-16

WYO 212, mp 3-5





Emerging Projects **FY 2010** Laramie County

I-80 / Trail's End Drainage Modification mp 362 **\$0.083 Million**





Emerging Projects **FY 2010** Laramie County

US 85 Interchange Acceleration Lanes mp 361 **\$0.179 Million**





Emerging Projects **FY 2010** Laramie County

I-25 / I-80 Sign Upgrades **\$0.415 Million**





Emerging Projects **FY 2010** Laramie County

I-80 Pine Bluffs marginal overlay and slab replacement mp 401-403 **\$0.587 Million**





Emerging Projects **FY 2010** Laramie County

Cheyenne / Walterscheid Blvd Pedestrian Underpass **\$0.350 Million**





Emerging Projects **FY 2010** Laramie County

I-80 EB Remount Interchange Bridge Repair mp 339 **\$0.225 Million**





Emerging Projects **FY 2011** Laramie County

I-25 Vandehei Interchange Bridge Rehabilitation & Roundabouts mp 14 **\$6.4 Million**





Emerging Projects **FY 2011** Laramie County

I-25 Vandehei Interchange Aesthetic Enhancement mp 14 \$0.229 Million





Emerging Projects **FY 2011** Laramie County

WYO 214 Carpenter Road Overlay mp 0.1 - 4.4 **\$0.767 Million**





Emerging Projects **FY 2011** Laramie County

I-80 Variable Speed Limit Signs Between Laramie and Cheyenne **\$1.5 Million**





Emerging Projects **FY 2012** Laramie County

US 85 Passing Lanes mp 24-40 **\$3.5 Million**





Emerging Projects **FY 2012** Laramie County

Pershing Boulevard Reconstruction in Cheyenne I-25 to Pioneer \$5.9 Million





Emerging Projects **FY 2012** Laramie County

Pershing Boulevard water and sewer line repair I-25 to Pioneer \$1.2 Million





Emerging Projects **FY 2012** Laramie County

WYO 213 Burns Overpass UPRR mp 2.7 **\$8.7 Million**





Emerging Projects **FY 2013** Laramie County

Central Ave and Warren Ave rehab surface and upgrade to ADA compliance **\$2.5 Million**





Emerging Projects **FY 2013** Laramie County

WYO 210 (Happy Jack Road) Widen & Overlay Curt Gowdy Section mp 20.4 - 27.1 **\$11.4 Million**





Emerging Projects **FY 2014** Laramie County

I-25 Cheyenne North Resurface Both Lanes mp 24-31 **\$6.2 Million**





Emerging Projects **FY 2014** Laramie County

Lincolnway Ave in Cheyenne Resurface Bighorn to College Dr **\$3.3 Million**





Emerging Projects **FY 2015** Laramie County

US 85 pavement overlay mp 17-27 **\$5.0 Million**





Emerging Projects **FY 2015** Laramie County

I-80 near Pine Bluffs replace bridges at Parson's Interchange **\$4.0 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



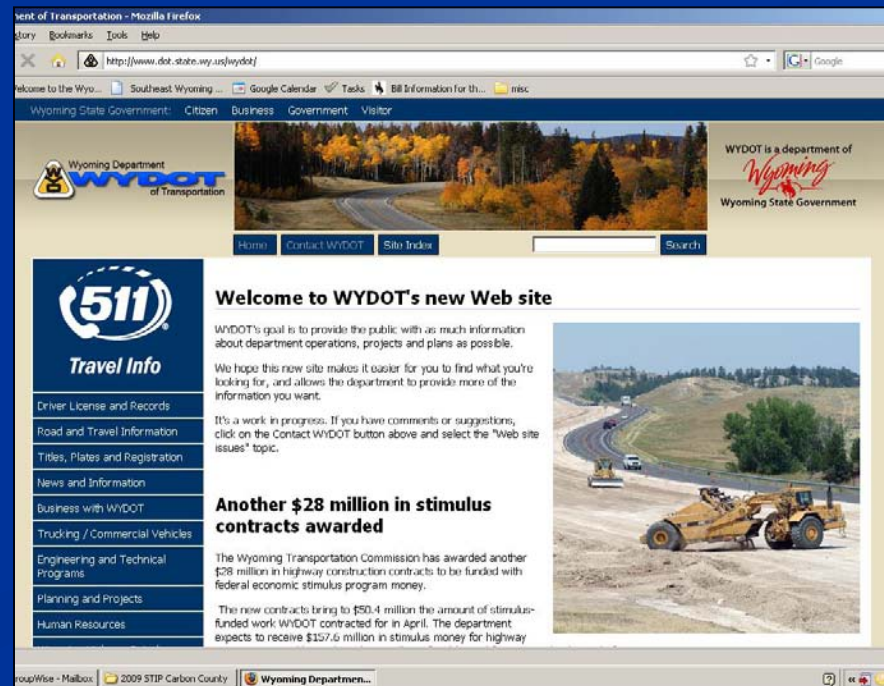


New and Improved! www.dot.state.wy.us

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 Laramie County

FY 2010

I-25 High Plains Road Interchange, mp 4.6-5.2	\$ 6.3	Million
I-25 High Plains Road Interchange Aesthetic Enhancements	0.281	
I-25 High Plains Road Interchange Welcome Center Site Prep	0.650	
{ STIM } West Lincolnway Reconstruction, mp 359-361	9.2	
{ STIM } Area Chip Seal Projects	3.6	
Trail's End Drainage Modification, mp 362	0.083	
US 85 Interchange Acceleration Lanes, mp 361	0.179	
I-25 / I-80 Sign Upgrades	0.415	
I-80 Pine Bluffs marginal overlay and slab replacement, mp 401-403	0.587	
Cheyenne Walterscheid Blvd Pedestrian Underpass	0.350	
I-80 EB Remount Interchange Bridge Repair, mp 339	0.225	

FY 2011

I-25 / Vandehel Interchange Rehab and Roundabouts, mp 14	\$ 6.4	Million
I-25 / Vandehel Interchange Aesthetic Enhancements	0.229	
Carpenter Road Overlay, mp 0.1 - 4.4	0.767	
I-80 Variable Speed Limit Signs, between Laramie and Cheyenne	1.5	



Emerging Projects Laramie County

FY 2012

US 85 Passing Lanes, mp 24-40	\$ 3.5 Million
Pershing Blvd Reconstruction, I-25 to Pioneer	5.9
Pershing Blvd water and sewer line rehab, I-25 to Pioneer	1.2
WYO 213 / Burns Overpass UPRR, mp 2.7	8.7

FY 2013

Central Ave and Warren Ave rehab surface and upgrade to ADA compliance between Pershing and 8th	\$ 2.5 Million
Happy Jack Curt Gowdy Section widen and overlay, mp 20.4 - 27.1	11.4

FY 2014

I-25 Cheyenne North resurface both lanes, mp 24 - 31	\$ 6.2 Million
Lincolnway Ave Resurface, Big Horn Ave to College Dr	3.3

FY 2015

US 85 pavement overlay, mp 17 - 27	\$ 5.0 Million
I-80 near Pine Bluffs replace bridges at Parson's interchange	4.0