



MONTANA  
**MDT**★  
DEPARTMENT OF TRANSPORTATION

# Maclay Bridge Planning Study



Informational  
Meeting No. 1  
April 24<sup>th</sup>, 2012

# Introduction

- Introduction of local officials
- Partners
  - Missoula County
  - MDT
  - FHWA
- Planning team members in attendance
- Consultant team

# [ Outline of this Evening's Meeting ]

- What is a pre-NEPA/MEPA planning study?
- Study vicinity map
- Study schedule
- Identified stakeholders
- Study tasks
- Next steps & conclusion

# [ Pre-NEPA/MEPA Planning Studies ]

- Planning studies:
  - Are a “high level scan”
  - Define transportation issues/areas of concern
  - Consider social, economic and environmental effects at an early stage
  - Identify and prioritize cost-effective and feasible strategies
  - Provide opportunities for early and continuous community involvement
- It is not.....

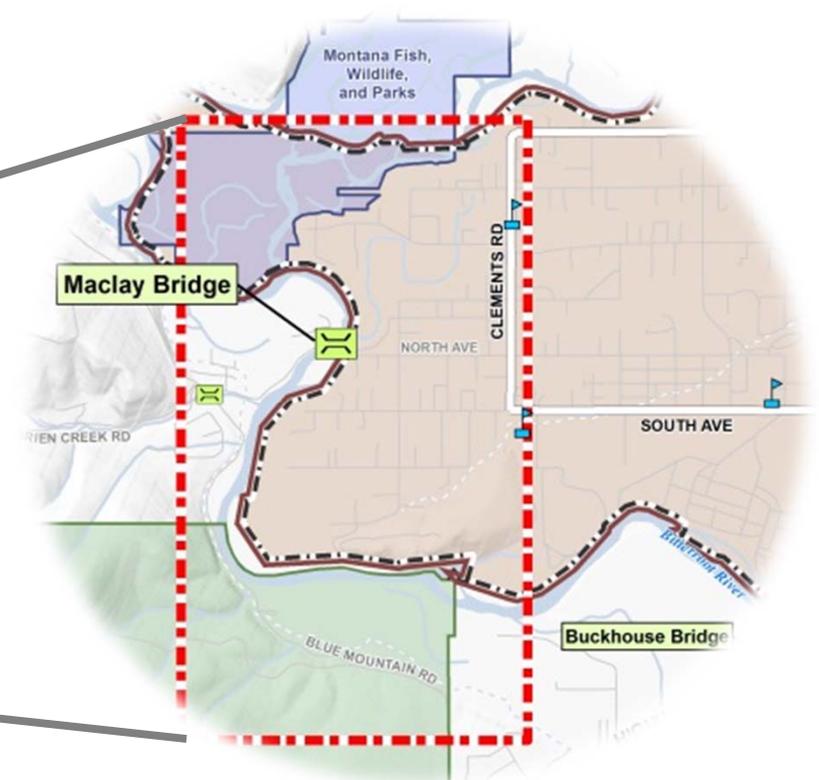
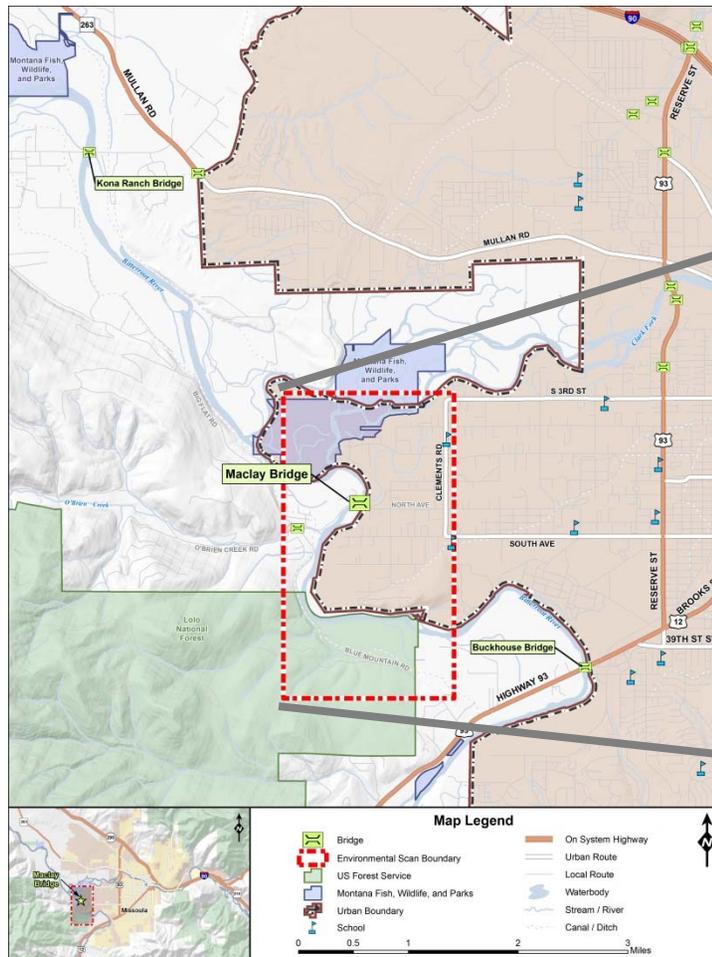
# [ Pre-NEPA/MEPA Planning Studies ]

- Not a NEPA/MEPA Study or Environmental Review
- Not a Right-of-Way Acquisition Project
- Not a Preliminary Engineering or Final Design Project
- Not a Construction Project
- Not a Maintenance Project

# Goals and Purpose

- Engage constituents early!
- Identify needs and objectives
- Identify constraints
- Identify short-range and long-range improvements
- Develop planning level cost estimates
- Develop information and data to be forwarded into the environmental process if a project moves forward from the study

# Study Vicinity Map



# [ Study Schedule ]

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- 12-month study period
- Four informational meetings
- Review of Draft Planning Study document
  - January 2013

# [ Involvement Activities ]

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- Four informational meetings
- Outreach to civic groups, stakeholders and land owners as warranted
- Study newsletters
- Website
- Informal meetings

# Initial Interested Parties

- Missoula County Commission
- Montana Fish, Wildlife, and Parks
- US Forest Service
- Missoula Rural Fire District
- Community Medical Center
- Missoula Emergency Services Incorporated
- Missoula County Public Schools
- Target Range School District #23
- Mountain Home Montana
- Maclay Bridge Alliance
- Target Range Homeowners Association
- Hidden Heights Homeowners Association
- Target Range Water and Sewer District

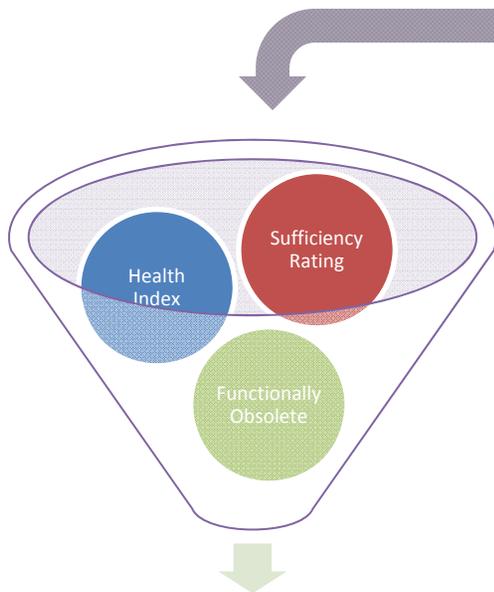
# [ Key Study Objectives ]

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- Be transparent
- Engage constituents early
- Provide ongoing opportunity for participation
- Make information available on website

# Key Study Objectives

- Conveying technical information to a general audience



WHAT DOES IT MEAN?

Montana Department of Transportation  
**INITIAL ASSESSMENT FORM FOR STRUCTURE :**  
 L32101000+01001  
 Continue

Page 2 of 14  
 Form: bms001d  
 Printing Date : Monday, October 31 2011

**Inspection Data**  
 Sufficiency Rating : 41.3  
 Health Index : 96.49  
 Structure Status : Func Obs - Elg Repl

**Inspection Due Date : 13 October 2011**  
 (91) Inspection Frequency (months) : 24  
 Next Fracture Critical Due Date : 13 Oct 2011  
 Fracture Critical Detail : Steel trusses

**NBI Inspection Data**  
 (90) Date of Last Inspection : 13 October 2009  
 Last Inspected By : Benjamin Williamson - 99  
 (90) Inspection Date :  
 Inspected By :

(58) Deck Rating : 7  
 (59) Superstructure Rating : 6  
 (60) Substructure Rating : 6  
 (72) App Rdwy Align : 3

(68) Deck Geometry : 3  
 (67) Structure Rating : 4  
 (69) Under Clearance : N  
 (41) Posting Status : P

(36C) Approach Rail Rating : N  
 (36A) Bridge Rail Rating : 0  
 (36B) Transition Rating : 0  
 (36D) End Rail Rating : 0

(62) Culvert Rating : N  
 (61) Channel Rating : 7  
 (71) Waterway Adequacy : 8  
 (113) Scour Critical : 7

Unrepaired Spalls : - 1 m sq  
 Deck Surfacing Depth : 2.00 in

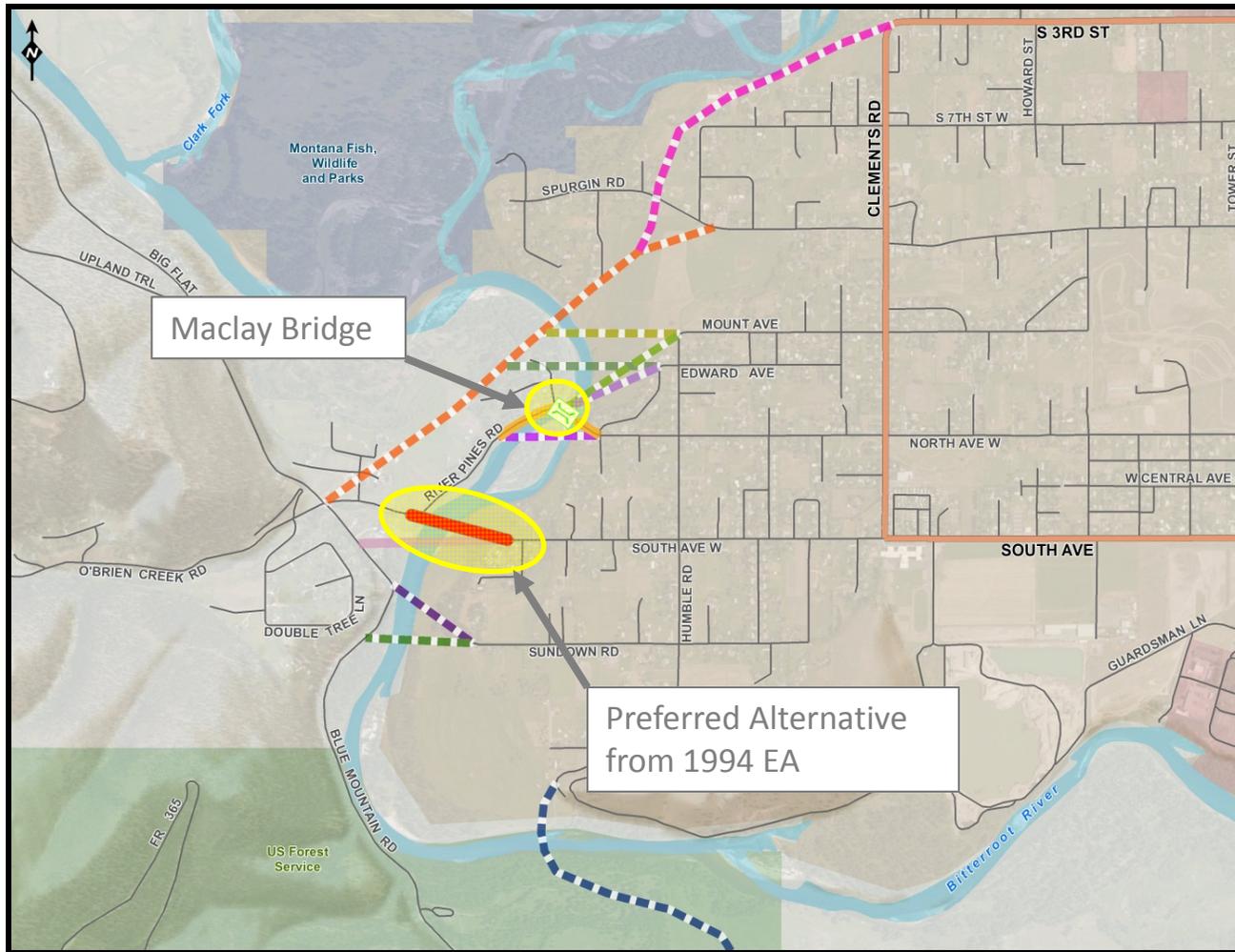
**Inspection Hours**  
 Crew Hours for inspection : 2  
 Helper Hours : 2  
 Special Crew Hours : -1  
 Special Equipment Hours : 1

Snooper Required : N  
 Snooper Hours for inspection : -1  
 Flagger Hours : -1

Inspection Work Candidates		Status	Priority	Effectd Structure Unit	Scope of Work	Action	Covered Condition States
Candidate ID	Date Requested						
D11-FY2003-000007	20 November 2002	Not Approved	Low	All Spans	311 Moveable Bearing	Rehab Etern	X X X X X

Clean wet soil and moss off of all the bearings and clean nest area on West end of main span 1 truss, see pic.  
 Still needs maintenance work performed ... 2007.  
 09' ... still ...

# Key Study Input – Environmental Assessment

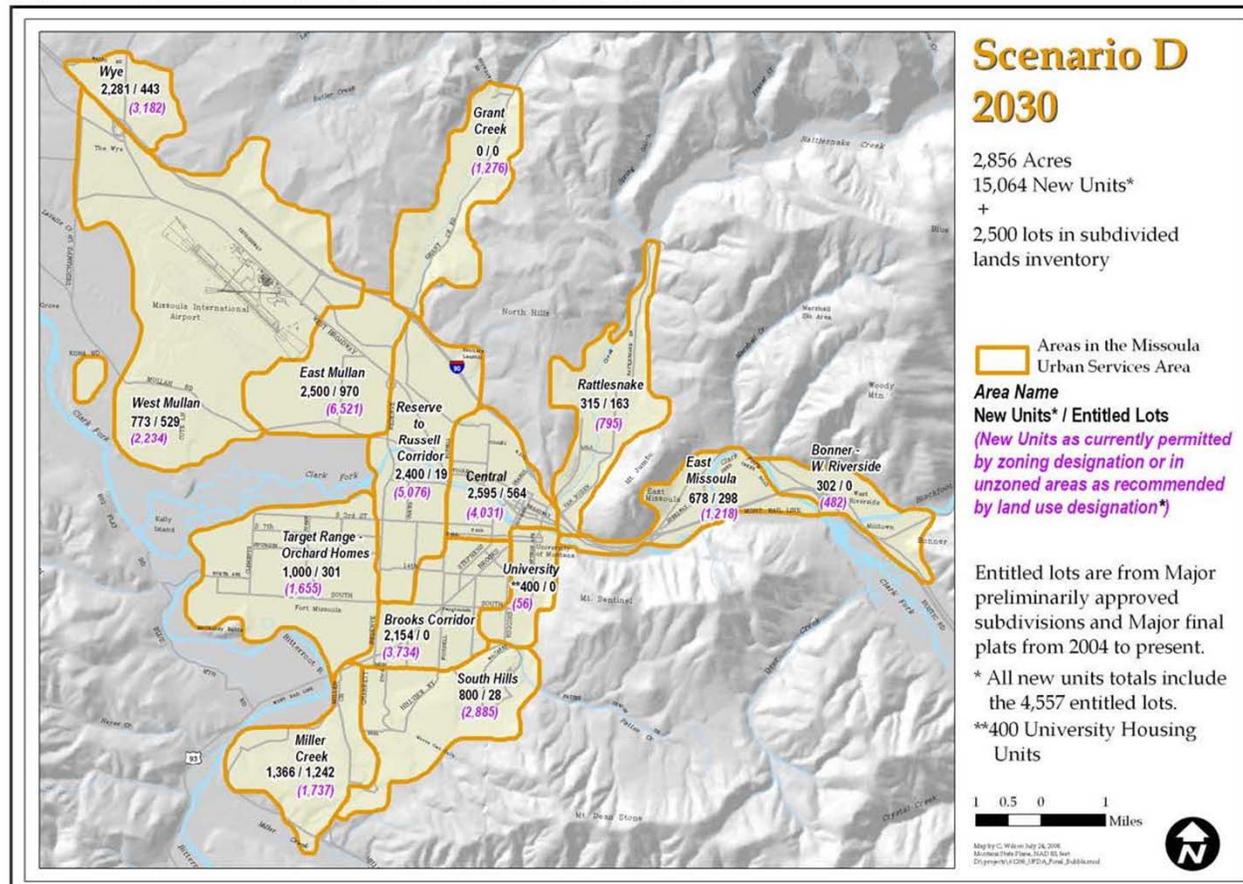


# Key Study Input – Environmental



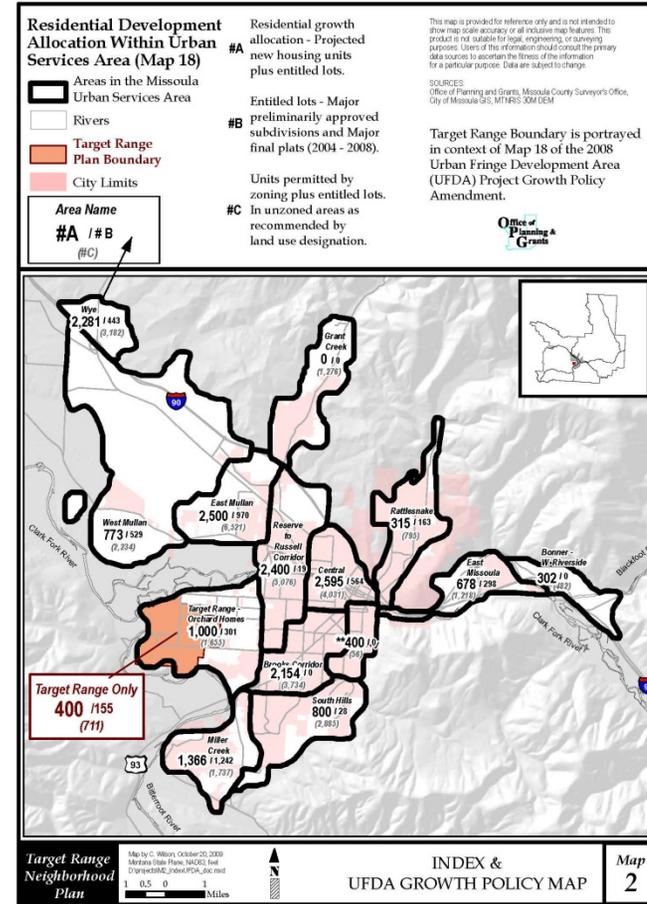
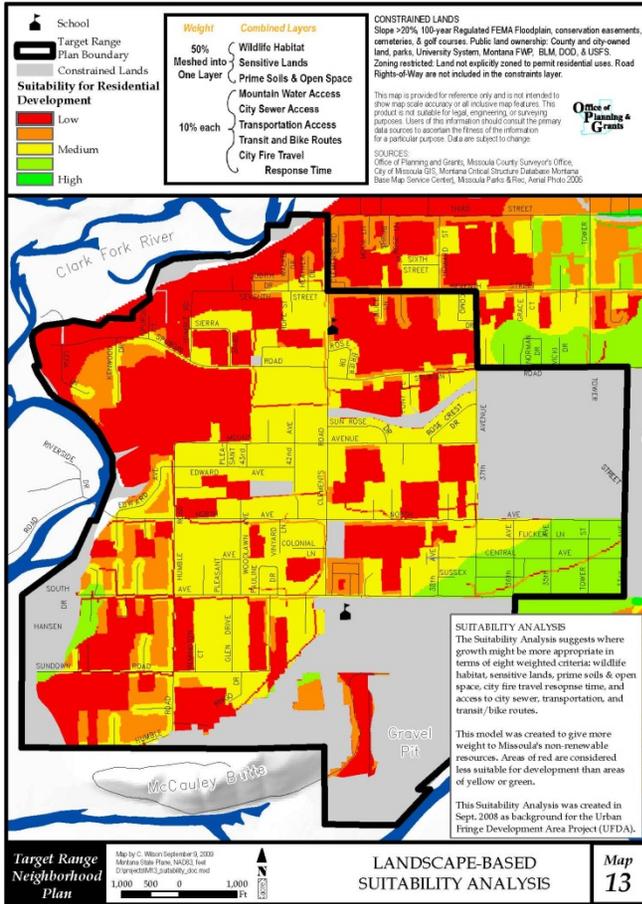
# Key Study Input – Area Growth

Figure 3-2: Missoula Preferred Growth Scenario (UFDA)



Source: Missoula Office of Planning and Grants

# Key Study Input – Neighborhood Planning

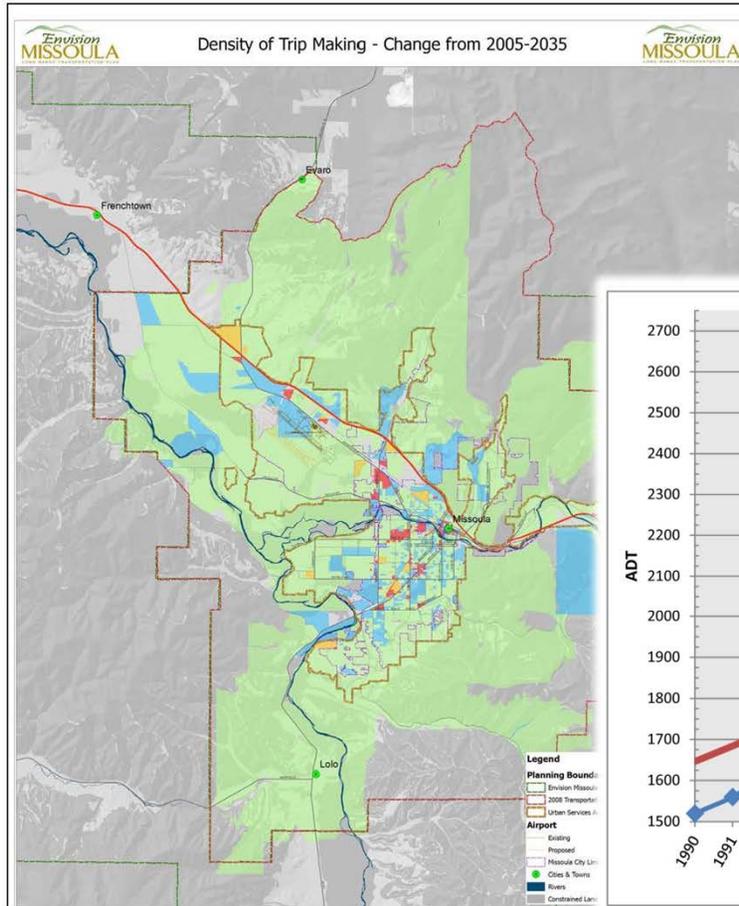


# Key Study Input – Recreational Area

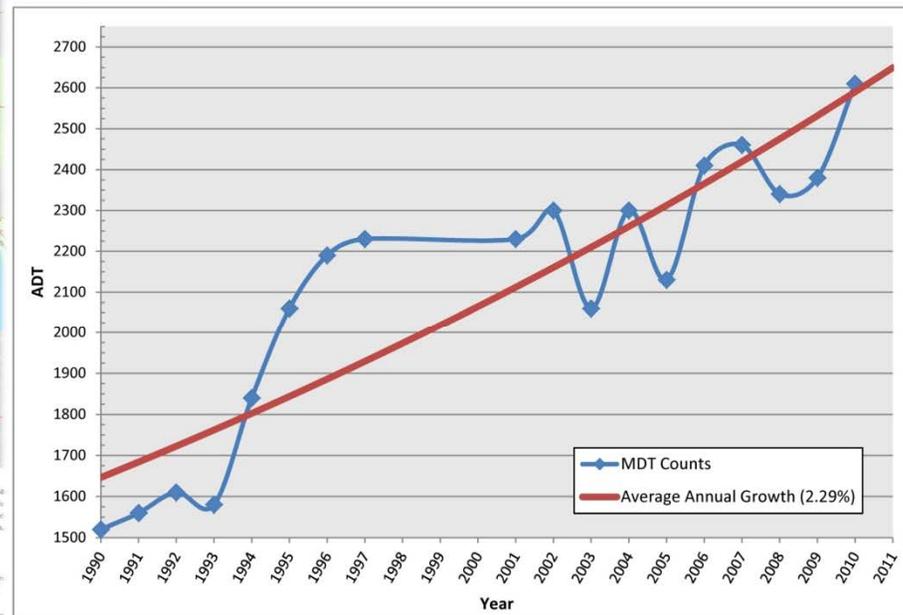


# Key Study Input – Traffic Growth

Figure 3-3: Increases in Origin/Destination Density 2005-2035



■ 2.29% average annual growth rate (1990-2010)



# [ Study Approach ]

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- Major Tasks:
  - Community & Agency Participation Plan / Study Website
  - Environmental Scan & Existing and Projected Conditions Report
  - Identify Needs, Goals, Constraints and Screening Criteria

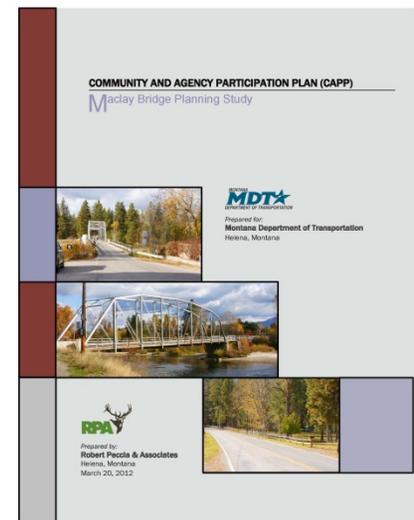
# [ Study Approach ]

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- Major Tasks (continued):
  - Identify Improvement Options
  - Recommend Improvement Options
  - Prepare Corridor Study Report

# Community & Agency Participation Plan / Study Website

- Community & Agency Participation Plan (CAPP)
  - Informational meetings and resource agency consultation sessions
  - Stakeholder outreach
  - Methods to obtain participation
  - Continuous outreach efforts
  - Involvement documentation requirements
- Planning study website



# Environmental Scan and “E & P” Report

- Environmental Scan
  - Social
  - Economic
  - Environmental
- Existing and Projected Conditions Report
  - Area demographics
  - Physical characteristics
  - Data collection and analysis
  - Areas of concern and consideration

# Identify Needs, Goals, Constraints and Screening Criteria

- Needs & Objectives MUST be based on analysis of existing data and future projections
- Screening criteria follow from the “Needs & Objectives”
- Can be qualitative and/or quantitative

# Identify Improvement Options

- This is the step where a possible improvement option(s) advances or not
- Screening criteria that include cost, fundability and construction feasibility will be applied

# Identify Improvement Options

- Synthesis of previous work
- Identify improvement options
- Short, mid, long term
- Spot improvements
- Planning level cost estimates
- Identify potential impacts and mitigation opportunities

# [ Prepare Planning Study Report ]

- Draft Study Report
  - Available to the public
    - Posted on website
    - In conjunction with Informational Meeting 4
  - Typically 3-week review
- Finalize the Study Report

# [ Next Steps ]

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- Continue study coordination and outreach
- Begin development of Environmental Scan & the Existing and Projected Conditions Report
- Identify needs, goals & objectives, constraints and screening criteria
- Identify potential improvement options
- Draft study report

# Conclusion

- Questions, answers and/or comments?

Study website: <http://www.mdt.mt.gov/pubinvolve/maclay/>

Study contacts:

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