Benton County:
At Your Service
Every Day

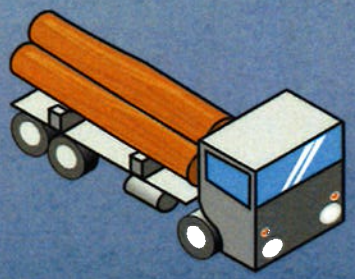
Benton County Transportation Infrastructure

What we have done, What we are doing,
What we plan to do in the future

Community Events : June, July, August 2016

The Benton County Transportation System

- Paved Roads : 275 miles
- Gravel Roads : 170 miles
  - Not including State Roads, City Roads, or Public Roads
- Bike Paths : 40 miles
- Bridges : 101 Bridges
  - 2 which are covered bridges : Harris and Hayden
  - 3 Culverts that were installed in place of bridges
- Driveway and Roadway Culverts : 6,000



The Past : What we have done

- 2002 : "Road System is Approaching Critical Condition"
- 2003 : Gazette Times : "Benton roads get rougher"
- 2008-2011 : Recession caused reductions in staff
- 2012 : Road Maintenance became focused on hard surface roads
- 2013 : Board of Commissioners added $750,000 per biennium to the Roads Budget from general fund
- 2015 : Board of Commissioners renewed $750,000 fund transfer for the biennium

Dear Past,
thank you for
all the lessons.

Dear Future,
I am ready!!!

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The Present : What we are doing

- Annual Maintenance
- Challenges to the Transportation System
- Capital Projects

Annual Maintenance

- Chip Sealing
- Crack Sealing
- Pothole Patching
- Asphalt Overlay
- Fog Seal
- Gravel Road grading
- Minor Bridge work including annual cleaning
- Culvert Cleaning
- Dust Control
- Mowing
- Weed Spraying
- Tree Trimming
- Signage and Striping
- Sweeping

Annual Maintenance – Chip Seals

- 2016
  - Orchard St
  - Coon Rd
  - Smith Loop
  - Old River Rd
  - Kyle Rd
  - Bellfountain Rd
  - Alpine Rd
  - Irish Bend Rd
- 2017
  - Luckiamute Rd
  - Woods Creek Rd
  - Harris Rd
  - Cardwell Hill Rd
  - Maxfield Creek Rd

Annual Maintenance – Chip Seals

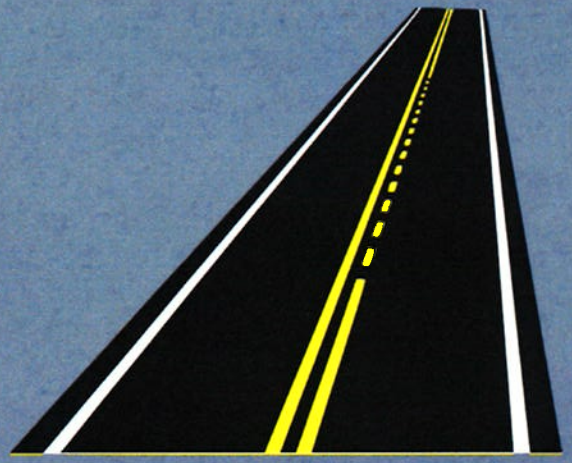
- 2018
  - Llewellyn Rd
  - Wooded Knolls
  - Crescent Valley Dr
  - Evergreen Rd
  - Peterson Rd
  - Bellfountain Rd
  - Smith Loop
  - 9th Street
  - Greasy Creek Rd
- 2019
  - Granger Rd
  - Ryals Rd
  - Pettibone Rd
  - Camp Adair Rd
  - Oak Grove Rd
  - Calloway Dr
  - Elliot Circle
  - Nebergall Rd
  - Quarry Rd
  - Overlook Dr

Annual Maintenance – Gravel Roads

- Most roads are graded 2-3 times per year
- Maintenance starts in October, ends in April
- Dust Control Program occurs in June
- Gravel Road Maintenance and Prioritization Policy

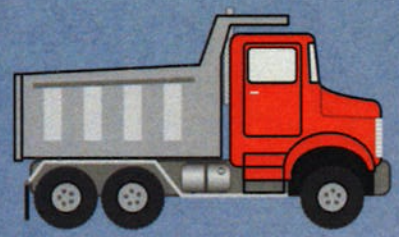
Annual Maintenance : Other Maintenance

- Mowing Program
- Spray Program
- Signage and Striping



Transportation System Challenges

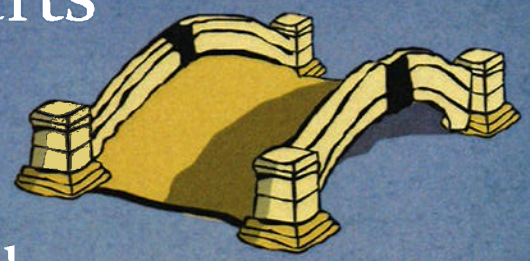
- Inclement Weather
- Population Growth
- Trucking
- Flooding
- Delayed Maintenance
- Soil Conditions
- Seismic Events



Capital Projects : Roads

- 2016
  - Independence Road
  - Robin Hood
  - Luckiamute
- 2018
  - 13th and Chapel widening
  - Starr Creek
- 2017
  - Evergreen Road
  - Tum Tum Road
  - Oak Grove/Metge/Ryals widening
  - Llewellyn Road
  - Crescent Valley Overlay
  - 19th St Overlay
- 2019
  - Gibson Hill Road

Capital Projects : Bridges and Culverts



- 2016
  - Bellfountain Bridge over Hammer Creek
  - Evergreen Culverts
- 2017
  - Alpine Bridge over Muddy Creek
  - Crescent Valley Bridge over Jackson Creek
- 2018
  - Wiles Bridge over Soap Creek
- Future
  - 53rd Street Railroad overpass over Dunawi Creek
  - Hubbard Bridge

Potential Projects : Bike and Multi-Use Paths

- Chapel Drive bike path (between 19th and Bellfountain)
- Independence (Oak Grove to Ryals)
- Ryals and Oak Grove (near Independence)
- Corvallis to Albany multi-use path

Funding – Current Budget (2015-2016)

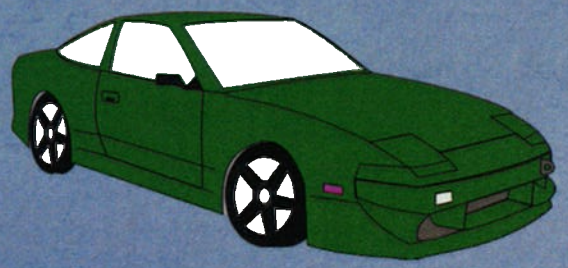
- Paved Surfaces : $2.8 M
- Traffic Control : $1.0 M
- Gravel Surfaces : $920 K
- Vegetation : $747 K
- Bridges : $553 K
- Drainage : $490 K
- System Management : $394 K
- Spot Improvements : $392 K
- Emergency : $375 K
- Roadside : $156 K
- Paths : $142 K

Funding – Where does it come from?

- $9.5 M = State, Taxes, Fees
  - Includes Motor Fuel Tax and Vehicle Registration Fees
- $3.9 M = State/Federal Grants (including MPO)
- $750 K = General Fund Allocation
- $53 K = Miscellaneous (i.e. savings interest)

*This is shown for a biennium (15-17)

Funding does not come from property taxes!



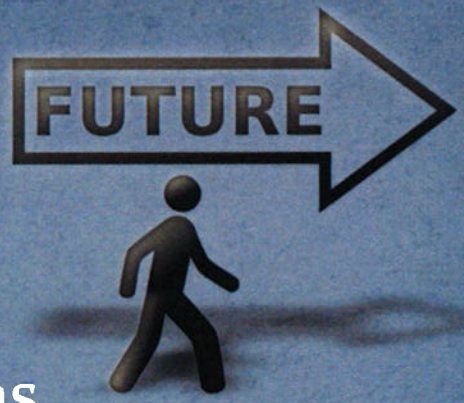
Funding – How much does it cost?

- Fog Seal : $2,800 per mile
- Single Chip Seal : $50,000 per mile
  - Lasts 5-10 years
- 2" Asphalt Overlay : $150,000 per mile
  - Lasts up to 20 years with maintenance
- 4" Asphalt Overlay : $250,000 per mile
  - Lasts 20-30 years
- Reconstruct : $350,000 per mile
  - Lasts 30-40 years with proper maintenance
- Bridge Replacement : $200,000 - $300,000 for most
  - Lasts 50-75 years

Current State of the System

- Roads
  - 5 miles : Poor to Very Poor Condition
  - 28 miles : Fair Condition
  - 41 miles : Good Condition
  - 41 miles : Good to Very Good Condition
  - 42 miles : Very Good Condition
  - 118 miles : Excellent Condition
- Bridges
  - 1 currently closed, 4 weight limited
  - Current funding may close up to 12 more bridges over the next 10 years for an average of 8 years each

The Future



- Continue hard surface focus
- Continue looking for innovative solutions
- Continue partnering with other agencies
- Look for private-public partnerships
- Support Federal Highway Bills – The FAST Act
- Work with AOC on a State Transportation Bill