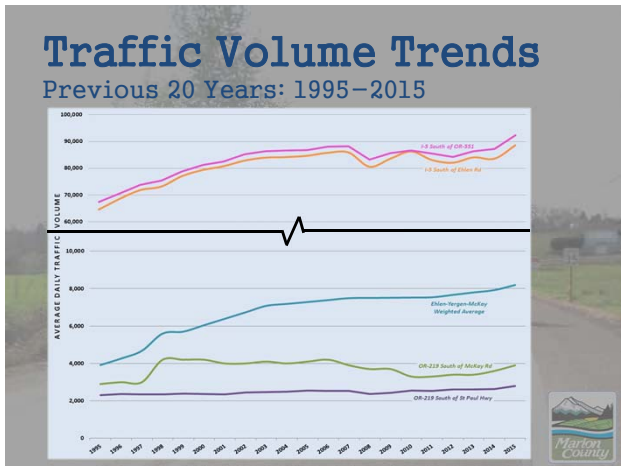


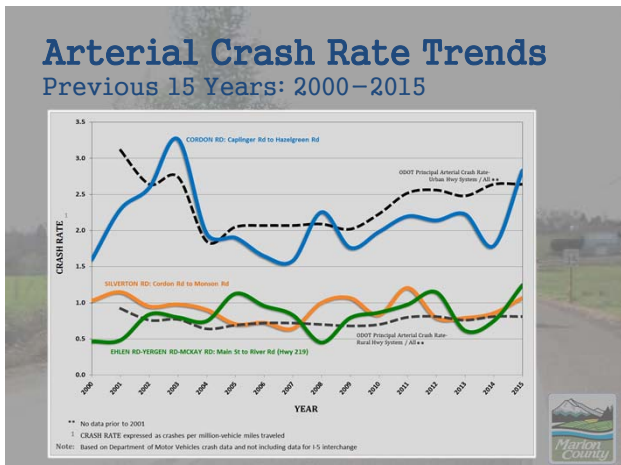
North Marion County Traffic Safety Update

Marion County Public Safety Coordinating Council
December 12, 2017

Julia Uravich, P.E. | juravich@co.marion.or.us
Marion County Public Works | Traffic Engineering







Butteville Road/Ehlen Road Safety Upgrades

Transverse rumble strips installed March 2017



Butteville Road/Ehlen Road Safety Upgrades

Transverse rumble strips installed March 2017



Butteville Road/Ehlen Road Safety Upgrades

Results by the numbers

Year	# Reported Crashes	# Injury Crashes	# Angle Crashes	Annual Crash Rate (Crashes/MEV)**
2012	3	1	2	0.91
2013	3	3	1	0.88
2014	1	1	1	0.29
2015	8	8	8	2.27
2016*	6	5	5	1.38
2017*	2	2	1	0.58

* 2016 and 2017 data are preliminary
 ** ODOT Expected crash rate = 1.080



Recently Completed Projects

- * Pudding River (Whiskey Hill Road) Bridge replacement – Clackamas County
- * Arndt Road resurfacing (Airport Road to OR-551)
- * Donald Road resurfacing (Grim Road to Boones Ferry Road)
- * Main Street resurfacing (Butteville Road to PNWR Tracks)
- * Signing upgrades within Hubbard
- * Signing upgrades within Donald
- * Signing upgrades within St. Paul



Recently Completed Projects

Signing upgrades within St. Paul



- * New high visibility Crosswalk and Crosswalk Ahead Signs
- * Replaced standard crosswalk markings with higher visibility "Continental" style bars



Current Projects

MCPW Engineering

- * River Road NE speed zone investigation
- * Airport Road speed zone investigation
- * Butteville Road speed zone investigation
- * Airport Road/Arndt Road flashing yellow arrow upgrade
- * Skookum Creek (Champoeg Road) culvert repair
- * Boones Ferry resurfacing (Woodburn City Limits to Broadacres Road)
- * Corridor wide horizontal curve signing enhancements
- * Main Street/OR-219 intersection review (in partnership with ODOT)



Horizontal Curve Signing Enhancements



Main Street/OR-219 Intersection Review - St. Paul



Current Projects

MCPW Operations - Roads

* 60+ Miles of Chip Seal Preservation - 2018

A sampling of roads on the list*:

- * Boones Ferry Road
- * Airport Road
- * Donald Road
- * River Road NE
- * Arbor Grove Road
- * Arndt Road
- * Grim Road

*Subject to Change



Current Projects

Other Agencies

- * Ehlen Road/I-5 Interchange Plan – ODOT
- * Track Repairs at Ehlen Road Crossing in Aurora – Union Pacific Railroad
- * French Prairie Bridge Project – City of Wilsonville
- * Ehlen Road/OR-551 Safety Improvements – ODOT



Ehlen Road/OR-551 Safety Improvement Project



Ehlen Road/OR-551 Safety Improvement Project

Project Elements:

- * Traffic signal replacement
- * Exclusive left-turn lanes on Ehlen Road
- * Traffic separator on Ehlen Road to restrict traffic to right turns at Boones Ferry Road
- * New county connector road between Boones Ferry Road and OR-551



Funded Projects

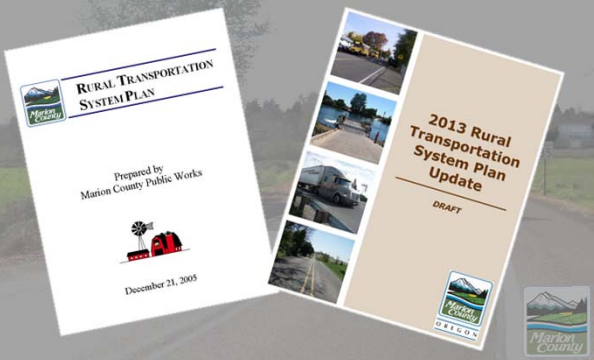
All Roads Transportation Safety (ARTS)

* Ehlen Road/Yergen Road/McKay Road and Butteville Road Centerline Rumble Strips



Planned Projects

Rural Transportation System Plan (RTSP)



Planned Projects

Rural Transportation System Plan (RTSP)



Planned Projects

RTSP 20-Year Recommended

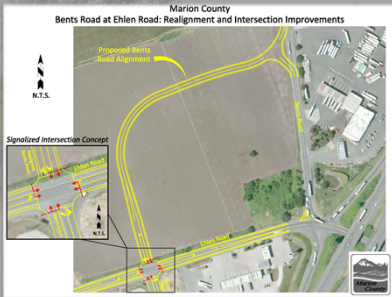
- * Bents Road realignment at Ehlen Road



Planned Projects

RTSP 20-Year Recommended

- * Bents Road realignment at Ehlen Road



Identified Projects

RTSP 20-Year Recommended

- * Butteville Road/Ehlen Road traffic control improvements
- * Yergen Road/Donald Road intersection realignment
- * McKay Road left-turn lane improvements at French Prairie Road
- * OR-219/French Prairie Road/St. Paul Highway intersection realignment



Identified Projects

RTSP 20-Year Recommended (Continued)

- * Broadacres Road railroad crossing improvements (gates and lights)
- * Boones Ferry Road widening (Woodburn UGB to Crosby Road)
- * Woodburn-Hubbard Road widening (Woodburn UGB to Hubbard UGB)



Identified Projects

RTSP Additional Identified Projects

- * Boones Ferry Road/Broadacres Road horizontal and vertical realignment
- * River Road/Davidson Road vertical realignment
- * River Road widening (west of French Prairie Road)
- * Arndt Road widening (Butteville Road to OR-551)



Identified Projects

Identified Since 2005 RTSP

- * Ehlen Road two-way left-turn lane west of Bents Court
- * Ehlen Road/Airport Road intersection capacity improvements (Aurora TSP)
- * Ehlen Road/Airport Road signalization when warranted (Aurora TSP)
- * Ehlen Road widening to arterial standards with shared use path, Airport Road to OR-99E (Aurora TSP)
- * Arney Road widening, Woodburn UGB to Crosby Road

