

# Meridian Road Intersection Improvements

## **Project Location**

Meridian Road at Hobart, Downs, Abiqua, East College and Mt. Angel Scotts Mills Roads

## **Project Purpose and Need**

- These five "Y" intersections have experienced a disproportionate number of injury A and fatal crashes in the last 5 years. The "Y" configuration introduces too many decision points for motorists and also creates situations where visibility of oncoming traffic is impaired due to the angles of the intersection legs.
- The proposed improvements would make a significant safety impact by reducing driver confusion, assigning right-of-way, and simplifying the overall intersection design. It will also eliminate the vision obstruction issues commonly occurring at these curving roadways, which are especially troublesome for large trucks and farming vehicles.

## **Proposed Construction Overview**

1. Realign Monitor Road to intersect Hobart/Meridian at right angles and at one point. Reduce banking on Hobart/Meridian to facilitate turning movements.
2. Realign Downs Road to intersect Meridian at right angles and at one point. Reduce banking on Meridian to facilitate turning movements.
3. Realign Abiqua Road to intersect Meridian at right angles and at one point. Reduce banking on Meridian to facilitate turning movements.
4. Remove "Y" lanes on East College and Mt. Angel Scotts Mills Roads. Provide "T" intersection with wider flares to facilitate turning movements.
5. Widen lanes on Meridian in the curves at intersections to allow for truck off tracking.

## **Cost Estimate**

- Estimated construction Cost is \$1.2M
- Funded through federal HR3 grant designed to address rural road safety problems.

## **Key Milestones**

|                          |                             |
|--------------------------|-----------------------------|
| Project Design           | 2011-2012                   |
| Right of Way Acquisition | 2012                        |
| Estimated Bid Let        | Summer of 2012              |
| Construction             | Fall of 2012/Spring of 2013 |

## **Contacts for More Information**

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Web: See "Meridian Road" under "Upcoming Marion County Construction Projects" at <http://www.co.marion.or.us/PW>