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SAFETY INVESTIGATION MANUAL WORKSHEET

CASE STUDY: OR-43 AND RICHARDSON CT.

Online Training

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OR-43 and Richardson Ct.

- Unsignalized intersection
- Six year study period (1/1/2011 – 12/31/2016)
 - MP 1.11 to MP 1.15 on OR-43
- 21 total crashes
 - 18 turning movement crashes
 - Leading cause = failed to yield right-of-way
 - All turning movement crashes were vehicles turning left from Richardson Ct. onto OR-43
- Obtain crash data
 - <https://tvc.odot.state.or.us/tvc/>

OR-43 and Richardson Ct.

- Solution
 - Two rows of polyethylene traffic separators across the intersection to extend the median island.
 - Restrict Richardson Ct. to right in, right out, and left in.
 - Selected to restrict left turns and the number of associated crashes.
 - Closed Northerly crosswalk due to extension of median island.

OR-43 and Richardson Ct.

- Before



OR-43 and Richardson Ct.

- Solution/After

