

**Irving Road Railroad Crossing Project**  
**MP 2.05**  
**Estimated Road Fund Cost \$130,000**



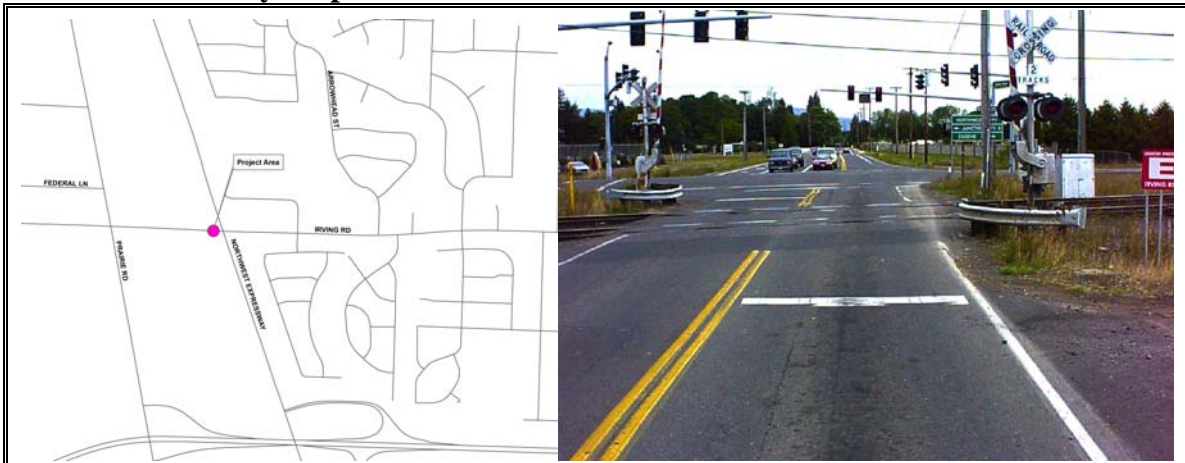
**Project Scope: Improve railroad crossing and provide urban roadway improvements needed for the railroad crossing.**

<b>Project Limit</b>	MP 2.04	<b>Project Number</b>	3268-3
<b>Functional Class</b>	Minor Arterial	<b>Project Status</b>	Previously Adopted
<b>Length</b>	0.15 mile of crossing	<b>Project Category</b>	Safety Improvements

**Existing Roadway Condition**

<b>ADT</b>	8,000	<b>Crash Rate</b>	0.34 crash / mil veh
<b>Pavement Type</b>	Asphalt Concrete	<b>Sidewalk</b>	<input type="checkbox"/>
<b>PCI</b>	90	<b>Curb</b>	<input type="checkbox"/>
<b>Width</b>	44 feet	<b>Bike Lane</b>	<input type="checkbox"/>

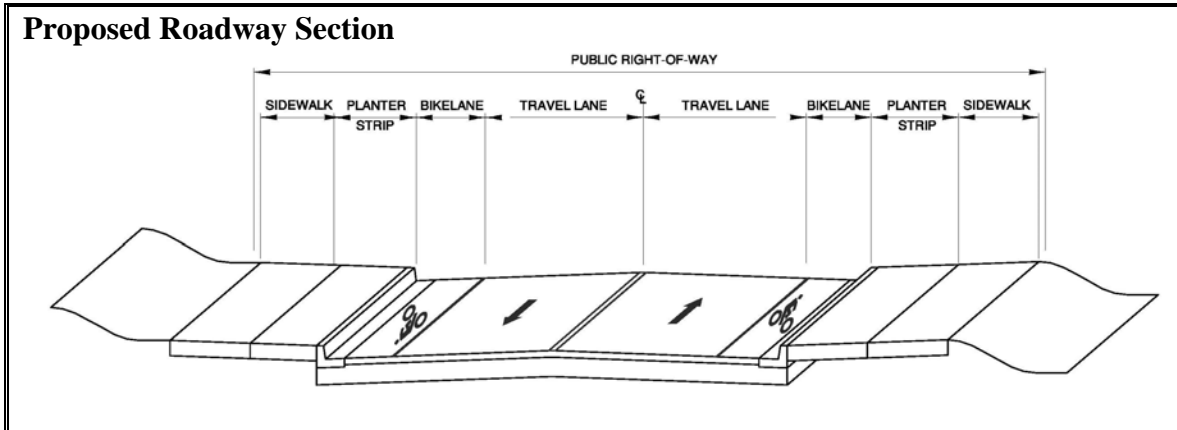
**Location / Vicinity Map**



**Define the Problem**

This railroad crossing has been identified as an unsafe railroad crossing in Lane County due to the substandard crossing equipment and roadway improvements surrounding it. Lane County improved Irving Road to urban road standards. Recognizing the need for a railroad crossing upgrade, the area around the rail crossing was left unimproved. As traffic volume increased on this road, more accidents around this crossing have been observed, including a fatal crash.

**Proposed Roadway Section**



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**Proposed Solution**

The ODOT Rail Division has proposed a railroad crossing upgrade, and has collaborated with the County to provide the necessary roadway improvements needed for the crossing. The proposal is to provide necessary urban roadway improvements to complement the railroad crossing improvements.

**Project Cost (in \$,000)**

PROJECT ELEMENT	TOTAL	FY 11	FY 12	FY 13	FY 14	FY 15
Preliminary Engineering	\$48	\$48				
Right-of-way	0	0				
Construction Engineering	\$48	\$48				
Roadway Construction	\$237	\$237				
Roadway within rail zone	\$100	\$100				
Crossing Improvements	\$450	\$450				
<b>Total Cost</b>	<b>\$883</b>	<b>\$883</b>				

**Fund Source (in \$ ,000)**

FUND SOURCE	TOTAL	FY 11	FY 12	FY 13	FY 14	FY 15
Road Fund- rail related	\$100	\$100				
Road Fund –local match	\$30	\$30				
STP-U	\$237	\$237				
ARRA	0	0				
Federal Aid (Section 130)	\$450	\$450				
ODOT Rail (match for fed)	Unkn	Unkn				
Reimbursable Road Fund (Section 130)	\$96	\$96				
<b>Total Fund</b>	<b>\$883</b>	<b>\$883</b>				

**Factors for Project Selection**

Safety Improvement	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Economic Development	<input type="checkbox"/>	<input type="checkbox"/>
Structural Capacity Enhancement	<input type="checkbox"/>	<input type="checkbox"/>	Supports Tourism, Recreation	<input type="checkbox"/>	<input type="checkbox"/>
Congestion Improvement	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Preserves Bridge Pavements	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Provides Bike/Ped Alternative	<input type="checkbox"/>	<input type="checkbox"/>	Has Public Support	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Degree of Users Benefits	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<b>Total Factor Considered</b>	<b>11</b>	
Leverages Other Projects/Funds	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			
Plan Consistency	<input checked="" type="checkbox"/>	<input type="checkbox"/>			

**Footnotes<sup>+</sup>**

<sup>+</sup> This project is programmed in coordination with ODOT Rail. FHWA-RR recently awarded Section -130 fund monies (approximately \$546,000) to improve the railroad crossing. In an IGA with ODOT Rail, Lane County agreed to contribute up to \$100,000 in kind or cash match towards the railroad crossing improvements. Lane County sought an additional \$237,000 from Surface Transportation Program (STP for Metro Area) to complement the railroad crossing works outside the rail right-of-way. STP-U funds require a local match of 10.27%.

ODOT and Union Pacific Rail (UPRR) are working on an IGA to complete the railroad-crossing work. Civil roadway design work will be finalized as soon as UPRR completes the railway component. UPRR will design, supply material, and install railroad crossing. An ODOT appointed consulting firm will administer the project in coordination with railway work crews.