

# Oregon Transportation Infrastructure Act (OTIA)

## Monthly Project Report – November 2005

The OTIA Program was established by the Oregon Legislature. The State Legislature created a \$400 million dollar bond fund to support bridge, modernization, and pavement preservation projects.

### NE 33<sup>rd</sup> Drive over Columbia Slough – E ½ (Br. #25T12) – OTIA 1

### NE 33<sup>rd</sup> Drive over Columbia Slough – W ½ (Br. #25T12A) – OTIA 3

### NE 33<sup>rd</sup> Ave over NE Lombard St & UPRR (Br. #02484) – OTIA 1

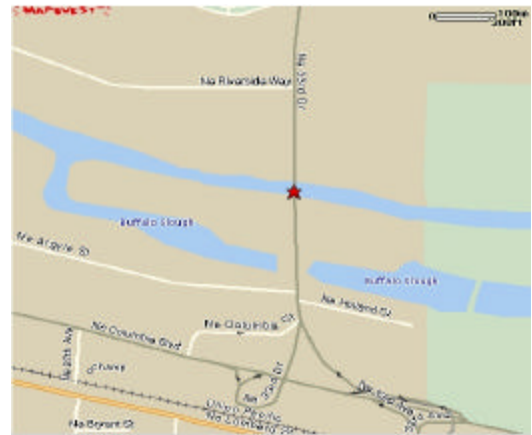
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Key ID# 12445 & 12448

## Project Descriptions

### NE 33<sup>rd</sup> Dr over Columbia Slough

These fifty-year old timber/concrete structures recently avoided posting by strengthening three rotten timber pile caps with steel framing, for a cost of approximately \$40,000. The structure has additional timber bents that are subjected to the same environmental conditions that caused problems with the members that were repaired.

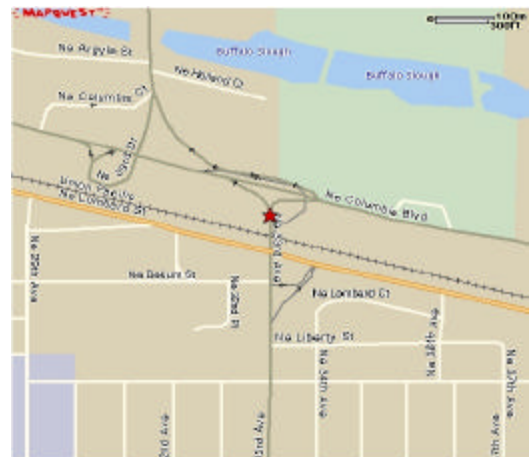
Project will replace the two bridges with a single bridge which clear spans the Slough. It will be constructed in halves to allow two-way traffic to be maintained during construction



### NE 33<sup>rd</sup> Ave over Lombard & UPRR

The NE 33<sup>rd</sup> Drive over Lombard and UPRR is posted due to insufficient flexural capacity in the main span and insufficient negative moment capacity over supports in the south approach spans.

Project will replace the main span, increasing the vertical and horizontal clearance over Lombard St. The south 3 approach spans will be replaced with an MSE wall.



Closure of this bridge will be required to complete the construction. Detour of traffic (including two Tri-Met lines) will be required.

## **Schedule and Construction Activity Status**

- Bids for the project were opened on August 9, 2005.
- Low bidder is James W. Fowler Co. of Dallas, OR with a bid of \$3,098,779.
- Demolition of the east half bridge over the Columbia Slough is underway.
- Two-way traffic has been shifted to the west bridge. On-street parking on the west side of NE 33<sup>rd</sup> Drive between the bridge and the DEQ driveway has been removed. The temporary signing and lane changes may be modified if access or safety problems are identified.
- Once the existing bridge is removed, pile driving operations will begin (probably the week beginning November 21, 2005).
- The west half Columbia Slough crossing and the Lombard crossing cannot be started until the east half of the Columbia Slough crossing is completed. They are expected to begin in March 2006.

## **Budget Status**

- NE 33<sup>rd</sup> Drive over Columbia Slough (east ½) - Total bid price for this crossing is \$550,000, all of which is OTIA funds.
- NE 33<sup>rd</sup> Drive over Columbia Slough (west ½) - Total bid price for this crossing is \$550,000, all of which is OTIA funds.
- NE 33<sup>rd</sup> Avenue over Lombard/UPRR - Total bid price for this crossing is \$2.0 million, all of which is OTIA funds.

## **Outstanding Issues**

Bureau of Environmental Services has a gravity sewer attached the piling of the existing west half Columbia Slough crossing. The sewer was inspected by a diver, and was found to be in good condition. BES is exploring possible relocation of this line.