

**OREGON INVENTORY OF HISTORIC PROPERTIES
SECTION 106 DOCUMENTATION FORM**

Agency/Project: ODOT / Bridge #08329 Detour Structure	
Street Address: Willamette River @ Judkins Point	City, County: Eugene, Lane County
USGS Quad Name: Eugene East, OR (1986 Ed.) Township: 17S Range: 3W Section: 33 Tax Lot #: N/A	District, Grouping or Ensemble? Grouping Name: Eugene Millrace Diversion Dam
Current Use: Ruin (Diversion Dam)	Date of Construction: c. 1920
Architectural Classification/Resource Type: Dam (ruin)	Alterations & Dates: Destroyed by flooding, c. 1940
Window Type & Material: N/A	Exterior Surface Materials: Primary: Concrete Secondary: Decorative:
Roof Type & Material: N/A	
Condition: <input type="checkbox"/> Excellent <input type="checkbox"/> Good <input type="checkbox"/> Fair <input checked="" type="checkbox"/> Poor	Integrity: <input type="checkbox"/> Excellent <input checked="" type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor
	
View from South	
Preliminary National Register Findings: <input type="checkbox"/> National Register listed Potentially Eligible: <input checked="" type="checkbox"/> Individually <input type="checkbox"/> As part of District <input type="checkbox"/> Not Eligible: <input type="checkbox"/> In current state <input type="checkbox"/> Irretrievable integrity loss <input type="checkbox"/> Lacks Distinction <input type="checkbox"/> Not 50 Years	
State Historic Preservation Office Comments: <input type="checkbox"/> Concur <input type="checkbox"/> Do Not Concur: <input type="checkbox"/> Potentially Eligible Individually <input type="checkbox"/> Potentially Eligible As part of District <input type="checkbox"/> Not Eligible	
Signed _____ Date _____	
Comments:	

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Street Address: Willamette River @ Judkins Point	City, County: Eugene, Lane County
Architect, Builder or Designer (if known): Unknown	Property Category: <input type="checkbox"/> Building <input checked="" type="checkbox"/> Structure <input type="checkbox"/> District <input type="checkbox"/> Site <input type="checkbox"/> Object
Owner: <input checked="" type="checkbox"/> Private <input type="checkbox"/> Local Government. <input type="checkbox"/> State <input type="checkbox"/> Federal <input type="checkbox"/> Other Name: Address: City, State, Zip: Phone:	
Description of Property (including exterior alterations & approximate dates), Significance Statement, and Sources. (Use continuation sheets if necessary): DESCRIPTION <p>The Eugene Millrace Diversion Dam spans the Willamette River to the east of Interstate 5. The dam is of concrete construction, and is in ruins. The dam once spanned the entire river, diverting water from the river into the millrace. The remains of the dam are located in the central portion of the river channel, with a series of piers that form gates through which the river flows. The northern portion of the dam has been destroyed, as have portions near the southern bank. The remains are comprised of five tapered concrete piers to the north of the island near the south bank of the river and an L-shaped wall at the eastern end of the island. The remaining structures project approximately four feet above the water line.</p> <p>The Diversion Dam directed water into the Eugene Millrace, an earthen canal that runs through the city. Water was diverted along the southern bank of the river in a canal, reinforced by concrete revetments along the southern bank. These revetments still exist today, but no longer carry the millrace as the intake for the millrace has been moved downstream of these structures. The revetments are located on the west side of the I-5 bridge #08329.</p> <p>The dam was destroyed by a series of floods in the early 1940s, leaving the millrace dry. The south bank revetments were also damaged by these floods and the construction of the existing I-5 bridge, leaving them as non-functional components of the Eugene Millrace. The dam and revetments are no longer physically connected.</p> SIGNIFICANCE / HISTORY <p>While these features are in ruins, they are significant for their association with the Eugene Millrace, an important feature in the history of the City of Eugene. The millrace is significant because of its association with events that have made a significant impact on the development of Eugene and because it embodies distinctive design and structural characteristics which represent a significant period of development in Eugene from 1851 through the 1940s. Dating from 1851, the millrace is the oldest man-made structure in the city. Its survival is due in part to the fact that it has served more than a purely utilitarian role in the history of Eugene. Not only has the millrace served as a water power source, an irrigation and drainage channel, and a transportation route, but it has also served as both the focus of remarkable recreational activities and as the heart of a unique residential neighborhood.</p> <p>Eugene has had an industrially based economy from its earliest days. Until the advent of plentiful cheap electricity in the 1920s, the city's industries relied principally on water as their source of power. Consequently, they were clustered around the original lower end of the millrace, which was constructed in the 1850s. In 1888, the millrace was enlarged in order to attract new industries to the area. The years from 1890-1910 represent the industrial heyday of the millrace, and it was also being used as a way to ferry produce into town from the farms and orchards upstream. The introduction of cheap, reliable electricity served as the end of the millrace's industrial use, and by 1928 the millrace no longer supplied any industrial power.</p> <p>The diversion dam and revetments date from a period near the end of the millrace's industrial use. The millrace extension in 1888 shifted the inlet upstream, and this extension first appears on the 1912 Sanborn Map of Eugene. Prior to this, the extension is not shown as it was outside of the city limits. The 1925 Sanborn shows a diversion dam in the river to provide water to the extension, but this original dam was west of the current I-5 bridge. A 1936 aerial photo of Eugene shows the dam and revetments in their current location east of the bridge. However, the Sanborn maps show the dam in its original location into the 1950s. It is likely that this feature was never updated on the maps.</p> <p>The current diversion dam is the remains of the second diversion dam. The original dam, indicated on the Sanborn Maps, diverted water into the 1888 millrace extension, and was necessary as an 1890 flood changed the course of the river and scoured its bed so that it had fallen five to six feet, leaving the extension dry. The second dam increased the millrace head,</p>	

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SECTION 106: SUPPLEMENTAL PHOTOGRAPHS

Street Address: Willamette River @ Judkins Point

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View: Diversion Dam, view from north.



View: Revetments on south bank, view from north.

OREGON INVENTORY OF HISTORIC PROPERTIES
SECTION 106 DOCUMENTATION FORM
Continuation Sheet

Street Address: Willamette River @ Judkins Point

City, County: Eugene, Lane County

(Significance / History, Continued)

providing additional water power. A series of floods in the early 1940s destroyed the existing intake channel and diversion dam, leaving the millrace dry once again. By the time the millrace was refilled in 1949, the last of the industries that had used the millrace for power had closed their doors, and the only remnant of the industrial days was a lone grain elevator that had been part of the Eugene Mill and Elevator Company. The other industries had been demolished for construction of the highway, or had burned down.

When the millrace was once again filled, a new inlet was created to the west of the existing revetments. The diversion dam and revetments were abandoned, and water was now mechanically pumped into the historic millrace. While these features no longer serve their original purpose, they are significant for their association with the development of the millrace, which allowed for the industrial expansion of the City of Eugene. The Eugene Millrace Diversion Dam remains as a reference to the early industrial activity that was once the center of the city's development. These features are significant as a part of this system, and are potentially eligible for inclusion in the National Register of Historic Places as a part of a grouping that includes the remaining built features along the millrace's length.

SOURCES

City of Eugene Planning Department. *City Landmark Application for the Middle Millrace (HD 92-1)*. Eugene: City of Eugene Planning Department, 1992.

City of Eugene Housing and Community Conservation Department. *Eugene Millrace: A History*. Eugene: City of Eugene Housing and Community Conservation Department, 1979.

Sanborn Maps of Eugene: 1902, 1912, 1925, 1948, 1956

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View: Revetments, view from above at footbridge.

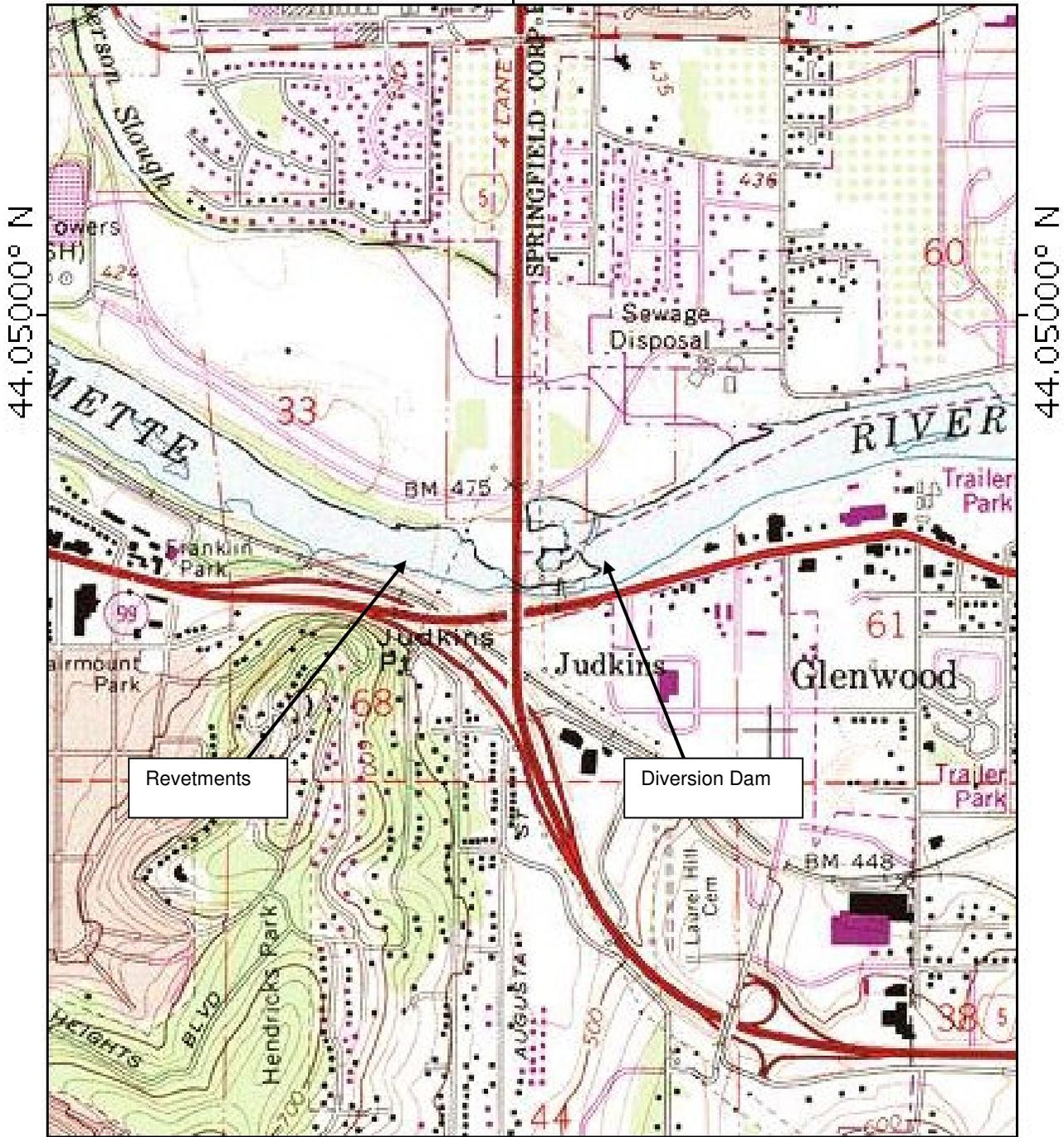
View:

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 Continuation Sheet

Street Address: Willamette River @ Judkins Point

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WGS84 123.05000° W



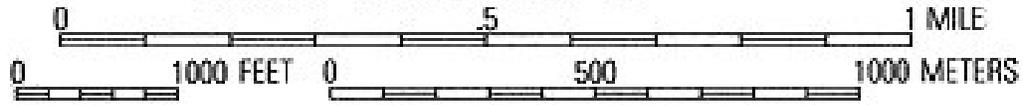
44.05000° N

44.05000° N

Revetments

Diversion Dam

WGS84 123.05000° W



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Location Map for Eugene Millrace Diversion Dam and Revetments (USGS Eugene East, OR Quad, 1986 Ed)