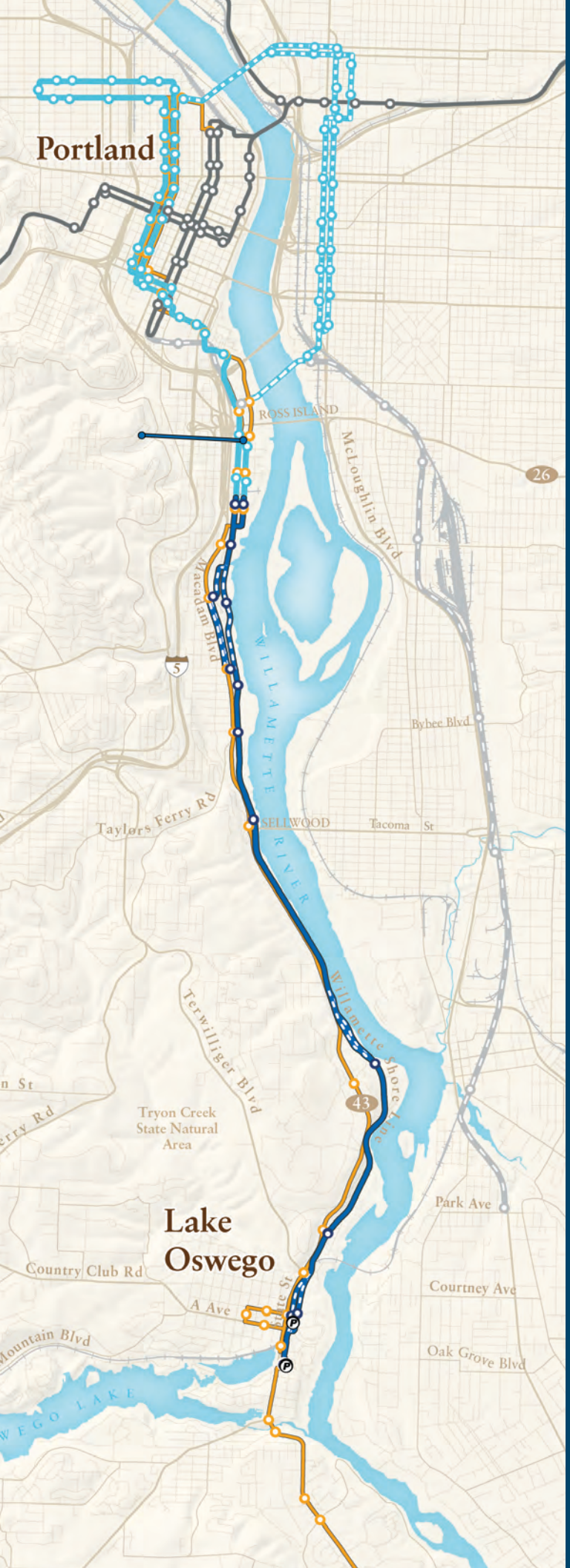


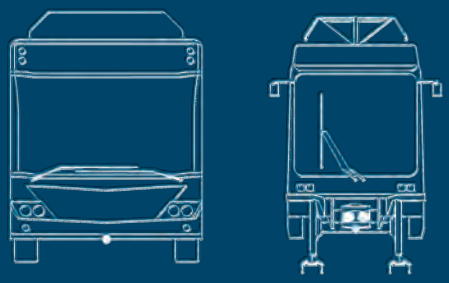
Lake Oswego to Portland

TRANSIT PROJECT

SOUTH WATERFRONT
JOHNS LANDING
SELLWOOD BRIDGE
RIVERDALE
DUNTHORPE
FOOTHILLS
LAKE OSWEGO

Draft Environmental Impact Statement

December 2010



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LAKE OSWEGO TO PORTLAND TRANSIT PROJECT
CLACKAMAS AND MULTNOMAH COUNTIES, OREGON

DRAFT ENVIRONMENTAL IMPACT STATEMENT

Prepared pursuant to the National Environmental Policy Act
42 U.S.C. 4322(2)(c)

by the

FEDERAL TRANSIT ADMINISTRATION

and

TRI-COUNTY METROPOLITAN TRANSPORTATION DISTRICT OF OREGON

and

METRO

in cooperation with the

U.S. ARMY CORP OF ENGINEERS, PORTLAND DISTRICT
FEDERAL HIGHWAY ADMINISTRATION

10 November 2010
Date of Approval

Lucia M. Helinke
for R.F. Krochalis, Region 10 Administrator
For the Federal Transit Administration

11/9/2010
Date of Approval

Neil McFarlane, General Manager
For the Tri-County Metropolitan Transportation District of Oregon

11/9/2010
Date of Approval

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For Metro

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Abstract:
The proposed action is to improve public transit in the Lake Oswego to Portland transit corridor in the Portland, Oregon, metropolitan region. This Draft Environmental Impact Statement (DEIS) examines a No-Build Alternative, an Enhanced Bus Alternative, and a Streetcar Alternative. The DEIS analyzes the impacts of the alternatives on transit, roadways, freight movement, bicycle facilities, and pedestrian facilities and potential direct, indirect and cumulative effects of the alternatives on land use and planning; economic activity; neighborhoods, including displacements; visual quality and aesthetics; historic, archaeological and cultural resources; parks and recreational resources; geology, soils and seismic hazards; ecosystems, including wetlands, waterways, vegetation, wildlife, fisheries, and threatened and endangered species; hydrology and water quality; noise and vibration; air quality; energy; hazardous materials; safety and security; utilities; and environmental justice. The DEIS also contains estimated costs of constructing and operating the alternatives, a description of financing alternatives, and measurements of how well the alternatives meet project objectives and criteria. The DEIS will be used to select a locally preferred alternative (LPA) for the transit corridor.

FACT SHEET

Project Title:

Lake Oswego to Portland Transit (LOPT) Project Draft Environmental Impact Statement (DEIS).

Project Location:

The study corridor is located between the City of Lake Oswego, Clackamas County and the City of Portland, Multnomah County, Oregon. The corridor is generally defined by the Willamette River on the east and the hills west of the river, and generally encompasses the Oregon Highway 43 corridor between these two cities.

National Environmental Policy Act (NEPA) Responsible Official and Federal Lead Agency:

Richard F. Krochalis, Region 10 Administrator
Federal Transit Administration (FTA)
915 2nd Avenue, Room 3142
Seattle, Washington 98174

Project Proponents:

- City of Lake Oswego
- City of Portland
- Clackamas County
- Multnomah County
- Tri-County Metropolitan Transportation District of Oregon (TriMet)
- Metro
- Oregon Department of Transportation (ODOT)
- Portland Streetcar Inc. (PSI)

Alternatives Considered in the DEIS:

- No-Build Alternative
- Enhanced Bus Alternative
- Streetcar Alternative

Lake Oswego to Portland Transit Project DEIS Availability:

This DEIS and the Summary are available at the following link or from Jenn Tuerk at 503.797.1756 or trans@oregonmetro.gov:

www.oregonmetro.gov/lakeoswego

Date of Issue:

This DEIS is available for public review and comment beginning December 3, 2010.

Comment Due Date:

A 60-day comment period is provided until 5:00 p.m. PST Monday, January 31, 2011.

Comments:

Comments can be made in writing by sending a letter or email to:

Lake Oswego to Portland Transit Project
attn: Jamie Snook
Metro
600 NE Grand Avenue
Portland, Oregon 97232
503.797.1756
trans@oregonmetro.gov

Next Steps:

The project proponents intend to review the DEIS findings, consider the public comments after the end of the comment period and select a locally preferred alternative (LPA) for the Lake Oswego to Portland Transit Project. Following steps would then include development of preliminary engineering (PE), preparation of a Final Environmental Impact Statement (FEIS), completion of the record of decision (ROD) by FTA to conclude the planning process. The following steps would then include final design, construction and operations of the selected project.

Construction Dates:

The Lake Oswego to Portland Transit Project is planned to begin construction by 2015 and begin operations in 2017.

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PROJECT NOMENCLATURE

Project Study Alternatives, Segments and Design Option Names

A. No-Build Alternative

B. Enhanced Bus Alternative

C. Streetcar Alternative

1. Downtown Portland Segment
2. South Waterfront Segment
3. Johns Landing Segment
    - Willamette Shore Line Design Option
    - Macadam In-Street Design Option
    - Macadam Additional Lane Design Option
4. Sellwood Bridge Segment
5. Dunthorpe/Riverdale Segment
    - Willamette Shore Line Design Option
    - Riverwood Design Option
6. Lake Oswego Segment
    - UPRR Right of Way Design Option
    - Foothills Design Option

Streetcar Station Locations and Names (north to south)

Following is a list of the Streetcar Alternative stations. The station names are the same for all design options in the segment, except where noted.

South Waterfront Segment

- Bancroft Station
- Hamilton Station

Johns Landing Segment (includes 3 design options)

- Boundary Station (various locations based on design option)
- Pendleton Station (future/optional station)
- Carolina Station (Macadam In-Street and Macadam Additional Lane design options)
- Nebraska Station (Willamette Shore Line Design Option)
- Nevada Station

Sellwood Bridge Segment

- Sellwood Bridge Station

Dunthorpe/Riverdale Segment

- Riverwood Station

Lake Oswego Segment

- Briarwood Station
- E Avenue Station (future/optional station)
- B Avenue Station (surface park-and-ride facility with 100 spaces)
- Lake Oswego Terminus Station (structured park-and-ride facility with 300 spaces)

LIST OF ACRONYMS AND ABBREVIATIONS

AA = Alternatives Analysis
ADA = Americans with Disabilities Act
ADT = average daily traffic
APE = area of potential effect
BA = biological assessment
BES = COP Bureau of Environmental Services
BMP = best management practices
BO = biological opinion
Btu = British thermal unit
CAC = Community Advisory Committee
CBD = central business district
CERCLA = Comprehensive Environmental Response, Compensation and Liability Act
CERCLIS = Comprehensive Environmental Response, Compensation and Liability Information System
CEQ = Council on Environmental Quality
CFR = Code of Federal Regulations
CFS = cubic feet per second
CO = carbon monoxide
COP = City of Portland
Corps = U.S. Army Corps of Engineers
CPTED = crime prevention through environmental design
CRL = confirmed release list
CRLI = confirmed release list inventory
CSCS = confirmed and suspected contamination sites
CWA = Clean Water Act
dB = decibel
dBA = A weighted decibel
DEIS = Draft Environmental Impact Statement
DEQ = Oregon Department of Environmental Quality
DOE = determination of eligibility
DRC = Metro Data Resource Center
DSL= Oregon Department of State Lands
ECSI = environmental clean-up site information
EFH = essential fish habitat
EIS = Environmental Impact Statement
EJ = environmental justice
EO = Executive Order
ENVIRON = noise analysis subconsultant
EPA = U.S. Environmental Protection Agency
ESA = Endangered Species Act
ESA = environmental site assessment
ESU = evolutionary significant unit
FEIS = Final Environmental Impact Statement
FEMA = Federal Emergency Management Agency
FHWA = Federal Highway Administration
FINDS = Facility Index Notification System
FIRM = flood insurance rate maps
FPPA = Farmland Protection Policy Act
FRA = Federal Railroad Administration
FTA = Federal Transit Administration
FY = fiscal year
GHG = greenhouse gases
HC = hydrocarbons
HCT = high capacity transit
HOT = heating oil tank
IMPLAN = an economic model for forecasting jobs
JPACT = Joint Policy Advisory Committee on Transportation
LCDC = Land Conservation and Development Commission
L_{dn} = level of day-night sound
L_{eq} = level of equivalent sound
L_{max} = level of maximum noise
LOPAC = Lake Oswego to Portland Transit and Trail Project Advisory Committee
LOPT = Lake Oswego to Portland Transit Project
LOS = level of service
LPA = Locally Preferred Alternative
LRT = light rail transit
LUST = leaking underground storage tank
L_{xx} = statistical noise level descriptor
MAX = Metropolitan Area Express (the existing Portland metropolitan area light rail transit system)
MPO = Metropolitan Planning Organization
MSAT = mobile source air toxics
NAAQS = National Ambient Air Quality Standards
NEPA = National Environmental Policy Act

NHPA = National Historic Preservation Act
NMFS = National Marine Fisheries Service
NPDES = National Pollutant Discharge Elimination System
NRHP = National Register of Historic Places
NOx = nitrogen oxides
OAQPS = EPA Office of Air Quality Planning and Standards
OAR = Oregon Administrative Rules
O&M = operations and maintenance
ODEQ = Oregon Department of Environmental Quality
ODFW = Oregon Department of Fish and Wildlife
ODOT = Oregon Department of Transportation
OHSU = Oregon Health Sciences University
OPRD = Oregon Parks and Recreation Department
ORS = Oregon Revised Statutes
O3 = ozone
PM10 = particulate matter less than 10 microns in diameter
PM2.5 = particulate matter less than 2.5 microns in diameter
PE = preliminary engineering
PUC = Public Utilities Commission
RFP = Regional Framework Plan
ROD = Record of Decision
ROW = right of way
RTP = Regional Transportation Plan
SHPO = State Historic Preservation Officer
SIP = State Implementation Plan
STIP = Statewide Transportation Improvement Program
SQG = small quantity generators
TAZ = transportation analysis zone
TC = transit center
TES = threatened or endangered (or candidate) species
TIP = Transit Investment Plan (TriMet)
TriMet = Tri-County Metropolitan Transportation District of Oregon
UGB = Urban Growth Boundary
URS = URS Corporation (prime consultant to TriMet for this DEIS)
USC = United States Code
USDOI = U.S. Department of Interior
USDOT = U.S. Department of Transportation
USEPA = U.S. Environmental Protection Agency
USFWS = U.S. Fish and Wildlife Service
UST = underground storage tank
VOC = volatile organic compounds
VMT = vehicle miles traveled
WSL = Willamette Shore Line
YOE$ = year of expenditure dollars
2035 = the planning horizon year for this DEIS
Section 4(f) = USDOT parkland regulations