

ODOT's Bridge Program identifies projects for funding that extend the service life of existing bridges, and where that is not cost effective, bridge replacements. Typical bridge projects include: rehabilitation work like deck overlays, concrete repair, scour repair; safety upgrades like bridge rail replacements and screening; preservation treatments like steel bridge painting and cathodic protection installed to prevent corrosion of steel reinforcement.

STIP ID #	PROJECT NAME	BRIDGE #	COUNTY	PROPOSED SCOPE	TOTAL	DESCRIPTION
20465	I-5: Barbur Blvd NB Connection Bridge	07758D	Multnomah	Paint structure; remove pack rust. Replace rivets and bolts.	\$ 1,669,975	ISSUE: Bridge in need of painting due to rust and existing paint failure. PURPOSE AND NEED: The bridge is on an National Highway System (NHS) designated route. The bridge will continue to deteriorate requiring costly maintenance. Deteriorating conditions could lead to significant mobility impacts.
19651	I-5: Interstate Bridge (NB) Trunnion Shaft Replacement	01377A	Multnomah	Replace trunnion shaft; Oregon Department of Transportation is lead on project with the Washington State Department of Transportation paying 50% of total.	\$ 5,374,568	ISSUE: Trunnions in need of repair PURPOSE AND NEED: The bridge is a high value historic bridge (Interstate Bridge) as it crosses over the Columbia into Washington. Deteriorating conditions could lead to mobility impacts. NOTE: Total project cost is estimated at \$13 million. The \$5.3 million funds part of the total project cost.
20486	I-5 over 26th Avenue Bridge	08203B	Multnomah	Replace bridge.	\$ 34,351,000	ISSUE: The deck has several areas of delaminations in the wheel ruts and in the northbound and southbound outside lanes. The underside of the deck is wet with leakage through the cracks in the deck/soffit. PURPOSE AND NEED: I-5 at this location carries 113,300 vehicles per day, including 8% trucks. With the high traffic volumes and areas of delamination between the deck and the overlay, future local failures of the overlay are possible if not addressed.
20485	I-84: NW Forest Lane over I-84	08634	Hood River	Increase Vertical Clearance by 4 inches	\$ 1,431,123	ISSUE: Low vertical clearance on I-84 Eastbound PURPOSE AND NEED: Increasing vertical clearance on the interstate improves safety since large loads do not have to travel on two-lane highways. Also, detours are minimized, which is especially important in winter when the detour routes can require traveling through mountainous regions.
20482	I-405 NB to US26 WB over I-405 Connection Bridge	09254E	Multnomah	Deck overlay to seal the cracks and provide additional cover for the reinforcement. Rail retrofit. Address leaking joints.	\$ 1,548,226	ISSUE: There are cracks with rust staining on the bottom of the box girders. If the cracks are not sealed, water will continue to get into the box girders and cause deterioration. PURPOSE AND NEED: The deck is in fair condition, with one exposed reinforcing bar in the deck, along with unsealed cracks that are of moderate size and density, and some larger cracks.
20481	I-405: Willamette River (Fremont) Bridge	02529	Multnomah	Paint bridge approaches and other sections as funding allows.	\$ 30,854,891	ISSUE: Large project with top coat peeling and some rusting. PURPOSE AND NEED: The bridge is on an National Highway System (NHS) route designated for freight. The bridge is a high value bridge due to its length and since it crosses the Willamette River. Bridge will continue to deteriorate requiring costly maintenance. Deteriorating conditions could lead to mobility impacts.

2019-2021 STIP - BRIDGE 100% LIST: ODOT REGION 1

Updated 2/16/2017

STIP ID #	PROJECT NAME	BRIDGE #		PROPOSED SCOPE	TOTAL	DESCRIPTION
20487	OR99E over UPRR at Baldwin Street Bridge	05290	Multnomah	Address the structural and safety issues. Replace rail and expansion joints, patch and seal spalls and cracks, and other measures for seismic retrofitting.	\$ 3,383,307	ISSUE: The bridge is structurally deficient, and the deck is in poor condition. In addition, the reinforcement is exposed, and the bridge rails do not meet standards. PURPOSE AND NEED: Oregon 99E at this location has an Average Daily Traffic of 67,200. Four percent of the traffic is trucks. If the bridge continues to deteriorate, it will eventually need to be restricted for load or may need to be replaced if rehabilitation costs become too high.
20473	OR210 over OR217	09672	Washington	Deck overlay; replace joints; patch column spalls	\$ 1,863,363	ISSUE: Significant cracking and spalling in the top flange. Pourable joint seals leaking; Bent 2-Columns 2 and 3 have spalls greater than 6 inch in diameter. PURPOSE AND NEED: The bridge will continue to deteriorate requiring costly maintenance. Substandard features could impact traveling public. Deteriorated conditions could lead to impacts on mobility.
20484	SW Multnomah Blvd over I-5	08437	Multnomah	Place a structural overlay on the deck, replace or repair leaking joints, and retrofit the bridge rails to meet safety standards.	\$ 1,571,000	ISSUE: The bridge is structurally deficient due to the deck being in poor condition. Portions of the deck have areas with moderate sized cracks, but some areas have large cracks. There is efflorescence and rust staining on the underside of the deck. Bridge rails do not meet safety standards. PURPOSE AND NEED: The deck is already in poor condition due to cracking. If not addressed, this deck will continue to deteriorate, eventually, to the point where deck replacement is necessary.
TOTAL					\$ 82,047,453	

Statewide Bridge Shelf Projects (PE Only)

STIP ID #	PROJECT NAME	BRIDGE #	COUNTY	PROPOSED SCOPE	TOTAL	NOTES
20472	OR99E: Clackamas River (McLoughlin) Bridge	01617	Clackamas	Design shelf ready plans to paint the structure	\$ 250,000	ISSUE: Bridge is starting to deteriorate and is in need of paint. PURPOSE AND NEED: If distresses are not addressed in a timely manner, it is hard to catch up due to the size of the bridge. Deteriorating conditions could lead to mobility impacts.
20471	OR99W: Tualatin River Bridge	01417N	Washington	Design shelf ready plans to replace the current structural overlay	\$ 188,500	ISSUE: Some areas in spans 1 and 2 have dense cracking, other areas of spans 1 and 2 have large cracks. There are cracks with rust staining in the soffit of all spans in the negative moment areas. The joints are leaking. PURPOSE AND NEED: The cracks in the overlay allow water to penetrate and may accelerate any debonding between the deck and the overlay.
TOTAL					\$ 438,500	