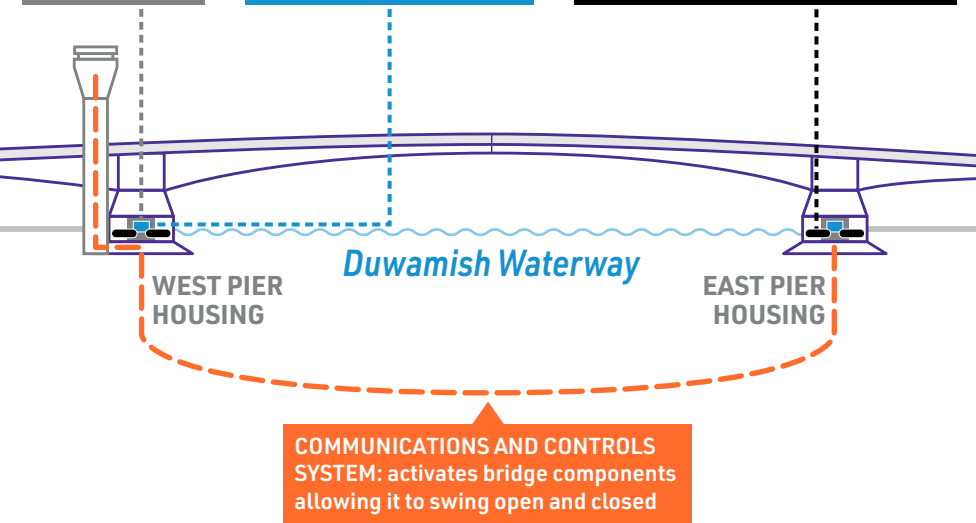


# SPOKANE ST SWING BRIDGE

**LIFT CYLINDER:**  
lifts and rotates  
the bridge

**HYDRAULIC PUMPS:**  
pumps the fluid that lifts  
and turns the cylinders

**TURN CYLINDERS:** push and pull on  
the lift cylinder to rotate the bridge  
span allowing it to open and close



**WEST PIER  
HOUSING**

*Duwamish Waterway*

**EAST PIER  
HOUSING**

**COMMUNICATIONS AND CONTROLS  
SYSTEM:** activates bridge components  
allowing it to swing open and closed