

# Chapter 17: Pipeline Systems

## Transmission Pipelines

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Two major natural gas transmission lines serve the Bend Metropolitan area. Gas Transmission Northwest Corporation (TransCanada) currently operates high-pressure natural gas pipelines that run near Bend city limits. These pipelines extend between Kingsgate, British Columbia and Malin, Oregon traversing a distance of 612 miles. These pipelines currently pass through the southeast corner of the city limits and consist of 36-inch and 42-inch diameter pipelines that are capable of delivering up to 1 billion cubic feet (BCF) of gas per day to the Pacific Northwest; however typical daily operations are in the range of 600-700 million cubic feet per day<sup>1</sup>.

Cascade Natural Gas holds the role of distributing natural gas to the City of Bend through a system of 2-6 inch diameter piping. The maximum allowable operating pressure for the pipeline system is 911 pounds per square inch (psi). No other major utility pipelines serve, pass, or are currently planned through the Bend metropolitan area.

Other transmission lines for electricity, telephone, cable and internet services exist throughout the planning area. There is no known existing or future capacity constraints for pipeline or transmission line service within the Bend Metropolitan planning area.

## Policies

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1. Work cooperatively with the pipeline operator when planning any transportation system improvements that might impact the major gas transmission lines.
2. Work cooperatively with affected local jurisdictions to reduce land use conflicts and increase safety at all transportation system crossings of major transmission lines.

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<sup>1</sup> Phone conversation with Robert Latimer, TransCanada GTN & NBP System, May 9, 2006.