

NE 85th Street and 164th Avenue NE Channelization Improvements

Redmond, WA

Owner: City of Redmond

Description: The NE 85th Street rechannelization will provide on-street parking on a central downtown street with adjacent businesses, improve traffic flow through intersections, provide loading areas in front of the mixed use residential that will not block bike and traffic lanes, and improve aesthetics along the corridor. Improvements near the fire station, library and post office are of particular concern due to the highly used or important driveways.

The study considered the area from 154th Avenue NE to 166th Avenue NE. The initial street configuration includes a 4-lane road with bike lanes. INCA provided rechannelization for 2 travel lanes, a two-way left turn lane (TWLTL), parallel parking and bike lanes on both sides, and bulb outs at some intersections where appropriate. The project also improves traffic in front of the Redmond Post Office, Library and Fire Station 11.

The conceptual corridor designs are based on the work proposed in the Downtown Transportation Master Plan, adjacent land use information, and provide a plan-view of future curb, sidewalk, channelization, and landscaping treatments. The scope of work for both corridors includes conceptual corridor designs and 30% channelization improvements which are intended to improve operations and safety and to create a more pedestrian-friendly environment. INCA explored opportunities for incorporating Intelligent Traffic Systems (ITS) into the proposed improvements and addressing transit operations including consolidation of stops, bus pull-outs or other treatments, delay reduction at intersections.

