



WASHINGTON COUNTY

OREGON

December 9, 2003

Bob Thompson
Oregon Department of Transportation
Bridge Section
355 Capitol Street NE Room 301
Salem, OR 97301

**RE: OTIA 3 BRIDGE SUBMITTAL
CITY OF CORNELIUS / WASHINGTON COUNTY BRIDGE #67B001**

Pursuant to your letter dated November 24, 2003, Washington County is submitting the following information to be included with our original application.

Susbauer Road Bridge over Council Creek is a major north-south connector in the City of Cornelius and western Washington County. One of the major users of this route is Fred Meyer.

Susbauer Road is a main connector between State Highway 8 (Tualatin Valley Highway) and State Highway 26 (Sunset Highway) through the 2-4-6 Alternative Route.

The truck counts on this bridge were determined by the following:

- 24 hour Classification Tube Counts were taken on September 9, 2003 through September 10, 2003 and again on September 10, 2003 and September 11, 2003 (2 – 24 hour periods)
- Vehicle classification was determined by axle hits
- Trucks, those exceeding 26,000 pounds, accounted for 10% of vehicles
- The average of the two weekday counts became the Average Daily Traffic (ADT)
- The resulting ADT was divided by 0.915, which is the average September correction of the two closest recording stations, for a corrected AADT
- The 2 recording stations used are 34-004 Hwy. 6 @ Gales Creek (0.91) and 34-001 Sunset Hwy @ Edwards Tunnel (0.92) as shown in the "2002 Transportation Volume Tables" published by ODOT

If you have any additional questions, please contact me at 503.846.7832

A handwritten signature in black ink, appearing to read "Joseph Younkens". The signature is fluid and cursive, written over a white background.

Joseph Younkens
Principal Engineer



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RE: **OTIA 3 BRIDGE SUBMITTAL**
WASHINGTON COUNTY BRIDGE #671367

Pursuant to your letter dated November 24, 2003, Washington County is submitting the following information to be included with our original application.

Greener Road Bridge over the east fork of Dairy Creek is the only connector in this section of northern Washington County. The area is heavily timbered and thus a major route for timber resources which is the main component of vehicles over 26,000 pounds using this structure.

The truck counts on this bridge were determined by the following:

- 24 hour Classification Tube Counts were taken on September 9, 2003 through September 10, 2003 and again on September 10, 2003 and September 11, 2003 (2 – 24 hour periods)
- Vehicle classification was determined by axle hits
- Trucks, those exceeding 26,000 pounds, accounted for 40% of vehicles
- The average of the two weekday counts became the Average Daily Traffic (ADT)
- The resulting ADT was divided by 0.915, which is the average September correction of the two closest recording stations, for a corrected AADT
- The 2 recording stations used are 34-004 Hwy. 6 @ Gales Creek (0.91) and 34-001 Sunset Hwy @ Edwards Tunnel (0.92) as shown in the "2002 Transportation Volume Tables" published by ODOT

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Joseph Younkins
Principal Engineer



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**RE: OTIA 3 BRIDGE SUBMITTAL
WASHINGTON COUNTY BRIDGE #671418**

Pursuant to your letter dated November 24, 2003, Washington County is submitting the following information to be included with our original application.

Scholls Ferry Road Bridge over the Tualatin River is a major connector in southern Washington County. The route carries a variety of aggregate, timber and agricultural products.

Scholls Ferry Road is the main connector between Oregon Highway 219 (Hillsboro Highway) from Yamhill County and Oregon Highway 217 (Beaverton-Tigard Freeway). This route also serves as an emergency route for the Metro area.

The truck counts on this bridge were determined by the following:

- 24 hour Classification Tube Counts were taken on September 9, 2003 through September 10, 2003 and again on September 10, 2003 and September 11, 2003 (2 – 24 hour periods)
- Vehicle classification was determined by axle hits
- Trucks, those exceeding 26,000 pounds, accounted for 21% of vehicles
- The average of the two weekday counts became the Average Daily Traffic (ADT)
- The resulting ADT was divided by 0.915, which is the average September correction of the two closest recording stations, for a corrected AADT
- The 2 recording stations used are 34-004 Hwy. 6 @ Gales Creek (0.91) and 34-001 Sunset Hwy @ Edwards Tunnel (0.92) as shown in the "2002 Transportation Volume Tables" published by ODOT

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**RE: OTIA 3 BRIDGE SUBMITTAL
WASHINGTON COUNTY BRIDGE #671304**

Pursuant to your letter dated November 24, 2003, Washington County is submitting the following information to be included with our original application.

Cornelius Schefflin Road Bridge over Council Creek is a major north-south connector in the City of Cornelius and western Washington County. One of the major users of this route is Stewart Stiles Truck Lines.

Cornelius Schefflin Road is a main connector between State Highway 8 (Tualatin Valley Highway) and State Highway 26 (Sunset Highway) through the 2-4-6 Alternative Route.

The truck counts on this bridge were determined by the following:

- 24 hour Tube Counts were taken on July 7, 1998 and July 8, 1998 (2 – 24 hour periods)
- Truck counts were assumed at 5% of traffic
- The average of the two weekday counts became the Average Daily Traffic (ADT)
- The resulting ADT was divided by 1.31, which is the average July correction of the two closest recording stations, for a corrected AADT
- The 2 recording stations used are 34-004 Hwy. 6 @ Gales Creek (1.11) and 34-001 Sunset Hwy @ Edwards Tunnel (1.51) as shown in the "2002 Transportation Volume Tables" published by ODOT

Please note the ADT shown on Sheet 1 the original application should be 3880, not 2880. This means the Truck AADT listed on Sheet 4 should be 148, not 106.

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**RE: OTIA 3 BRIDGE SUBMITTAL
WASHINGTON COUNTY BRIDGE #671344**

Pursuant to your letter dated November 24, 2003, Washington County is submitting the following information to be included with our original application.

Old Cornelius Pass Road Bridge over Rock Creek is a north-south connector in northern Washington County.

Old Cornelius Pass Road is a main emergency detour for Cornelius Pass Road. Cornelius Pass Road is the only access for timber products, aggregate products and hazardous material haulers into the Tualatin Valley area from Oregon Highway 30. Vehicles can then reach Oregon Highway 26 or 8.

The truck counts on this bridge were determined by the following:

- 24 hour Classification Tube Counts were taken on September 9, 2003 through September 10, 2003 and again on September 10, 2003 and September 11, 2003 (2 – 24 hour periods)
- Vehicle classification was determined by axle hits
- Trucks, those exceeding 26,000 pounds, accounted for 7% of vehicles
- The average of the two weekday counts became the Average Daily Traffic (ADT)
- The resulting ADT was divided by 0.915, which is the average September correction of the two closest recording stations, for a corrected AADT
- The 2 recording stations used are 34-004 Hwy. 6 @ Gales Creek (0.91) and 34-001 Sunset Hwy @ Edwards Tunnel (0.92) as shown in the "2002 Transportation Volume Tables" published by ODOT

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**RE: OTIA 3 BRIDGE SUBMITTAL
WASHINGTON COUNTY BRIDGE #671389**

Pursuant to your letter dated November 24, 2003, Washington County is submitting the following information to be included with our original application.

Timber Road Bridge over the Nehalem River is a major north-south connector in western Washington County. The area is heavily timbered and thus a major route for timber resources.

Timber Road is the main connector between State Highway 26 (Sunset Highway) and State Highway 6 (Wilson River Highway). This route also serves as an emergency detour for Highway 26.

The truck counts on this bridge were determined by the following:

- 24 hour Classification Tube Counts were taken on September 9, 2003 through September 10, 2003 and again on September 10, 2003 and September 11, 2003 (2 – 24 hour periods)
- Vehicle classification was determined by axle hits
- Trucks, those exceeding 26,000 pounds, accounted for 21% of vehicles
- The average of the two weekday counts became the Average Daily Traffic (ADT)
- The resulting ADT was divided by 0.915, which is the average September correction of the two closest recording stations, for a corrected AADT
- The 2 recording stations used are 34-004 Hwy. 6 @ Gales Creek (0.91) and 34-001 Sunset Hwy @ Edwards Tunnel (0.92) as shown in the "2002 Transportation Volume Tables" published by ODOT

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**RE: OTIA 3 BRIDGE SUBMITTAL
WASHINGTON COUNTY BRIDGE #671664**

Pursuant to your letter dated November 24, 2003, Washington County is submitting the following information to be included with our original application.

Timber Road over Beaver Creek is a major north-south connector in western Washington County. The area is heavily timbered and thus a major route for timber resources, along with aggregate products.

Timber Road is the main connector between Oregon Highway 26 (Sunset Highway) and Oregon Highway 6 (Wilson River Highway). This route also serves as an emergency detour for Highway 26.

The truck counts on this bridge were determined by the following:

- 24 hour Classification Tube Counts were taken on September 9, 2003 through September 10, 2003 and again on September 10, 2003 and September 11, 2003 (2 – 24 hour periods)
- Vehicle classification was determined by axle hits
- Trucks, those exceeding 26,000 pounds, accounted for 35% of vehicles
- The average of the two weekday counts became the Average Daily Traffic (ADT)
- The resulting ADT was divided by 0.915, which is the average September correction of the two closest recording stations, for a corrected AADT
- The 2 recording stations used are 34-004 Hwy. 6 @ Gales Creek (0.91) and 34-001 Sunset Hwy @ Edwards Tunnel (0.92) as shown in the "2002 Transportation Volume Tables" published by ODOT

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**RE: OTIA 3 BRIDGE SUBMITTAL
WASHINGTON COUNTY BRIDGE #671391**

Pursuant to your letter dated November 24, 2003, Washington County is submitting the following information to be included with our original application:

Vernonia Road Bridge over the Nehalem River is a major connector in western Washington County. The route is heavily used by timber, aggregate and other freight haulers, along with emergency service vehicles between the communities of western Washington County, the City of Vernonia and Oregon Highway 26 (Sunset Highway).

This route also serves as an emergency detour for Highway 26.

The truck counts on this bridge were determined by the following:

- 24 hour Classification Tube Counts were taken on September 9, 2003 through September 10, 2003 and again on September 10, 2003 and September 11, 2003 (2 – 24 hour periods)
- Vehicle classification was determined by axle hits
- Trucks, those exceeding 26,000 pounds, accounted for 31% of vehicles
- The average of the two weekday counts became the Average Daily Traffic (ADT)
- The resulting ADT was divided by 0.915, which is the average September correction of the two closest recording stations, for a corrected AADT
- The 2 recording stations used are 34-004 Hwy. 6 @ Gales Creek (0.91) and 34-001 Sunset Hwy @ Edwards Tunnel (0.92) as shown in the "2002 Transportation Volume Tables" published by ODOT

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