County: None

PROJECT TYPE: Road

Puget Sound Region Worksheet

CRAB

AADT	0		Year of Count
TRUCK ADT	0		Year of Count
PROJECT LENGTH	0.00	Miles	

Property Damage Accidents		Injury Accidents		Fatal Accidents	
0	2001	0	2001	0	2001
0	2002	0	2002	0	2002
0	2003	0	2003	0	2003

FUNCTIONAL CLASS: 07

STRUCTURAL RATING:

From CRAB (15 pts. Max) Roads & Intersections ONLY!
Enter Bridge information on following pages!

EXISTING LANE WIDTH (BOTH SIDES): 0.0

EXISTING SHOULDER WIDTH (ONE SIDE): 0.0

TERRAIN: Flat — 40 Minimum Design Speed:

SPECIAL USE AND NEED

The three criteria on which to rate these roads (or bridges) are as follows:

1. Community / Recreation	0	0 - 5 PTS
2. Commercial Service	0	0 - 5 PTS
3. Transportation and Related Plan Continuity	0	0 - 5 PTS

☐ (CHECK if bridge is rehab or complete Bridge Rehab Section)

VERT. GRADE:

Standard %Grade	Section Grades	Section % Grade	Grade No.
7			1
			2
			3
			4
			5
			6
			7
			8
			9
			10

Total % Deficient: 0.00%

STOPPING SIGHT DIST:

Roads and Bridges Only -for intersections see next section.

Sight Dist	Deficient Sec. in ft.	Deficient Site Dist ft.	Curve No.
305			1
			3
			3
			3
			5
			6
			7
			8
			9
			10

% Deficient to Pass: 0.00%

HORIZ. ALIGNMENT:

Minimum Radius @ 6%	Existing Radius	Curve No.	Safe Design Speed
510	0.0	1	
	0	2	
	0	3	
	0	4	
	0	5	
	0	6	
	0	7	
	0	8	
	0	9	
	0	10	

(leave no blanks between curves)

Describe Special Conditions

Acceptance of Special Conditions Rating Points _____

Signed by County Engineer

Reset Print

Puget Sound Region Intersection Calculations

Intersection Projects Only:

Warrants for signalization **(See MUTCD Chapter 4C)**

Although warrants will determine points for deficiciency, the project must be improved to design stadards or otherwise gain a deviation approval from the WSDOT

Check here if the intersection meets at least three (3) of the warrants listed in the MUTCD.

Attach copy of supporting analysis.

Entering Sight

Posted Speed Limit on the main road

Measured I.S.D to left from the side road

Measured I.S.D to right from the side road

Enter the posted speed limit + 10 mph, OR 85th % actual speed, which ever is greater for the four maneuvers evaluated:

(Source of information - AASHTO "A Policy on Geometric Design of Highways and Streets, 1990", pages 739-762.)

(1) Crossing a road avoiding vehicles from your left and right. ("A" Line)

(2) left turn into a road avoiding a vehicle from your left, ("B-b2" Line)

(3) left turn into a road avoiding a vehicle from your right, and ("B-b2" Line)

(4) right turn into a road avoiding a vehicle from your left. ("B-b2" Line)

Vertical Alignment (Check all that apply)

All legs meet design standards

One or more legs do not meet design standards OR

One or more legs is skewed 75 degrees or more, OR

One or more legs is offset 1/2 lane or more

Stopping Sight Distance

	Existing sight distance
40	Design Speed
0%	Approach grade on mainline
1,470	Required sight distance

Reset Print

Federal Aid / Bridge Rehab Computations

Approach Horizontal Alignment (5 point maximum)

Minimum Rd @ 6%	Existing Re	Design Speed
	0.0	
	0	
	0	
	0	

Approach Vertical Alignment (5 point maximum)

Max Grade	Existing Grade	Length of Grade in feet
7	0	0
	0	0
	0	0
	0	0

Percent Deficient: 0.00%

Bridge Deck Width

Road Section Width: 0.00

Shoulder Section Width: 0.00

Seismic Retrofit:

Puget Sound Region Bridge Rehabilitation Worksheet

Percent of Pier Caps Rebuilt: None

Percent of Columns Retrofitted: None

Retrofit Points 0

Add / Replace Guardrail:

None

Guardrail Points 0

Add Pedestrian / Bike Facilities

Design Speed

None

Bike/Ped Points 0

Utility Crossing: None

Lifeline Route: None

*** Round to nearest 0.5 miles**

Utility Points 0

Lifeline Points 0

Total Rehabilitation Points 0.00

Reset Print

County: None

Project Name:

Road log No.
(from prospectus)

INTERSECTION WORKSHEET RECAP

	Possible Points:	Scored Points:
SERVICE RATING		
Traffic Volume	20	0
Accident History	25	0
Subtotal	**45**	0
CONDITION RATING		
Structural Condition	5	0.0
Geometric Condition		
Horizontal Alignment	5	0.00
Vertical Alignment	10	0.00
Roadway Width	5	0.00
Operational/Warrants	15	0.00
Subtotal	**40**	0.00
SPECIAL RATING		
Special Use & Need	**15**	0
TOTAL PSR RAP WORKSHEET RATING	**100** (possible)	0.00 (awarded)

Proposals below design standards require WSDOT deviation approval.

Rating points may be assigned only to the extent that the deficient condition will be improved.

Reset Print

PSR RAP Bridge Rating Worksheet
WAC 136-130-030

County: None

Project Name:

Road Log No.
(from prospectus)

BRIDGE WORKSHEET RECAP

	Possible Points:	Scored Points:
SERVICE RATING		
Traffic Volume	20	0
Accident History	25	0
Subtotal	**45**	0
CONDITION RATING		
Structural Condition - SWIBS	20	0.00
Geometric Condition		
Approach Horizontal Alignment	5	0.00
Approach Vertical Alignment	5	0.00
Bridge Roadway Width	10	0.00
Subtotal	**40**	0.00
SPECIAL RATING		
Special Use & Need	**15**	0
TOTAL PSR RAP WORKSHEET RATING	**100** (possible)	0.00

Proposals below design standards require WSDOT deviation approval.

Rating points may be assigned only to the extent that the deficient condition will be improved

Reset Print

Puget Sound Region Worksheet

PSR RAP Road Rating Worksheet
WAC 136-130-030
Worksheet Recap

County: None

Project Name:

Road Log Number
(from prospectus)

WORKSHEET RECAP

	ROADS Possible Points:	ROADS Assigned Points:	INTERSECTION Possible Points:	INTERSECTION Assigned Points	BRIDGE Possible Points:	BRIDGE Assigned Points
SERVICE RATING						
Traffic Volume	20	0	20	0	20	0
Accident History	25	0	25	0	25	0
Subtotal	**45**	0	**45**	0	**45**	0
CONDITION RATING						
Structural Condition	15	0.0	5	0.0	20	0.0
Geometric Condition						
Horizontal Alignment	8	0.00	5	0.00	5	0.00
Vertical Alignment	8	0.00	10	0.00	5	0.00
Roadway Width	9	0.00	5	0.00	10	0.00
Operational/Warrants			15	0.00		
Subtotal	**40**	0.00	**40**	0.00	**40**	0.00
SPECIAL RATING						
Special Use & Need	**15**	0	**15**	0	**15**	0
TOTAL PSR RAP WORKSHEET RATING	**100**	0.00 (possible)	**100** (awarded)	0.00 (possible)	**100** (awarded)	0.00 (possible)

Proposals below design standards require WSDOT deviation approval.

Rating points may be assigned only to the extent that the deficient condition will be improved.

Reset Submit Print