

ATTACHMENT B

SPACING EVALUATION WORKSHEET

Task 1 AADT

Route Number

http://cms.oregon.gov/odot/td/tdata/pages/otms/route_hwy_crossref.aspx

Highway Number

Mile Point

http://highway.odot.state.or.us/cf/highwayreports/traffic_parms.cfm

AADT

Task 2 Posted Speed

http://highway.intranet.odot.state.or.us/cf/highwayReports/speed_parms.cfm

Posted Speed

Task 3 Highway Classification

<http://cms.oregon.gov/ODOT/TD/TP/docs/ohp/d.pdf>

Classification of Highway

<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>

Statewide

Regional

District

Expressway

Special Transportation Area (STA)

Task 4 Urban or Rural (Check LUCS to verify)

Determine if Urban or Rural (Y or N to following 3 questions)

<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>

Inside an Urban Growth Boundary UGB - Check LUCS

Inside an urban unincorporated community

Inside a special transportation area (STA) in an unincorporated community.

STA maps: <http://www.oregon.gov/ODOT/TD/TP/Pages/HwySegment.aspx>

<input type="checkbox"/>
<input type="checkbox"/>

If all three boxes above are N, then Rural (R)

If any box above checked Y, then Urban (U)

Task 5 - Spacing Tables

Select Spacing Standard from applicable table 3-6.

If AADT is 5000 or less then use the selection criteria in Table 3.

TABLE 3 -- OAR 734-51-4020 (8)				
Access Management Spacing Standards for Highways with AADT ≤ 5000				
	Region & District Highways*	Statewide Highways*	Statewide Highways*	Statewide Highways*
	Rural and Urban Areas	Rural Areas	Urban Areas	UIC - Rural Areas
Speed in (mph)	Distance in feet	Distance in feet	Distance in feet	Distance in feet
55 mph or higher	650 feet	1,320 feet	1,320 feet	1,320 feet
50 mph	425 feet	1,100 feet	1,100 feet	1,100 feet
40 & 45 mph	360 feet	990 feet	360 feet	750 feet
30 & 35 mph	250 feet	770 feet	250 feet	425 feet
25 mph & Lower	150 feet	550 feet	150 feet	350 feet

* If the Highway has been designated as an expressway, then the access spacing standard is 5280 feet in rural areas and 2640 feet in urban areas.

If AADT is greater than 5000 then use the criteria in one of the following Tables 4-6.

TABLE 4 -- OAR 734-51-4020 (8)				
Access Management Spacing Standards for Statewide Highways with AADT > 5,000				
	Expressway	Expressway		
	Rural Areas	Urban Areas	Rural Areas	Urban Areas
Speed (mph)	Spacing (ft)			
55 or higher	5,280	2,640	1,320	1,320
50	5,280	2,640	1,100	1,100
40 & 45	5,280	2,640	990	800
30 & 35	-	-	770	500
25 & lower	-	-	550	350

TABLE 5 -- OAR 734-51-4020 (8)				
Access Management Spacing Standards for Regional Highways with AADT > 5,000				
	Expressway	Expressway		
	Rural Areas	Urban Areas	Rural Areas	Urban Areas
Speed (mph)	Spacing (ft)			
55 or higher	5,280	2,640	990	990
50	5,280	2,640	830	830
40 & 45	5,280	2,640	750	500
30 & 35	-	-	600	350
25 & lower	-	-	450	250

TABLE 6 -- OAR 734-51-4020 (8)				
Access Management Spacing Standards for District & Unclassified Highways with AADT > 5,000				
	Expressway	Expressway		
	Rural Areas	Urban Areas	Rural Areas	Urban Areas
Speed (mph)	Spacing (ft)			
55 or higher	5,280	2,640	700	700
50	5,280	2,640	550	550
40 & 45	5,280	2,640	500	500
30 & 35	-	-	400	350
25 & lower	-	-	400	250

Task 6 - Adjustments

Adjustment for Approaches Limited to Right-Hand or Left-Hand Turns

Is the approach limited to to right-hand or left-hand turns only? (Y or N)

If Yes, then divide spacing standard from chart in half.