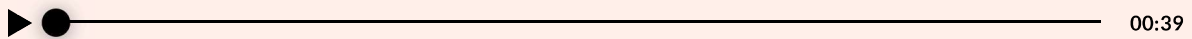


# Unit 13: Lesson 1A: Practice Makes Perfect

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Start Audio Narration

---

In this lesson, refer to each of the images of constructed curb ramps with measurements and complete the corresponding inspection forms. In the inspection form that follows the image, enter the measurement labeled that matches the curb ramp component. Then press enter to submit your answer. You will get immediate feedback after each entry. You may retry each activity as many times as you like.

## Instructions


Use the values in the image to complete the inspection form below. We have completed part of the inspection form for you. There are seven (7) activities.

## Example 1



Example 1: Parallel Curb Ramp

**i** Complete Form for Example 1: Enter the correct value in the highlighted box and then press Enter to submit. Do this for each box that becomes highlighted.

 Thumbnail

# Example 2

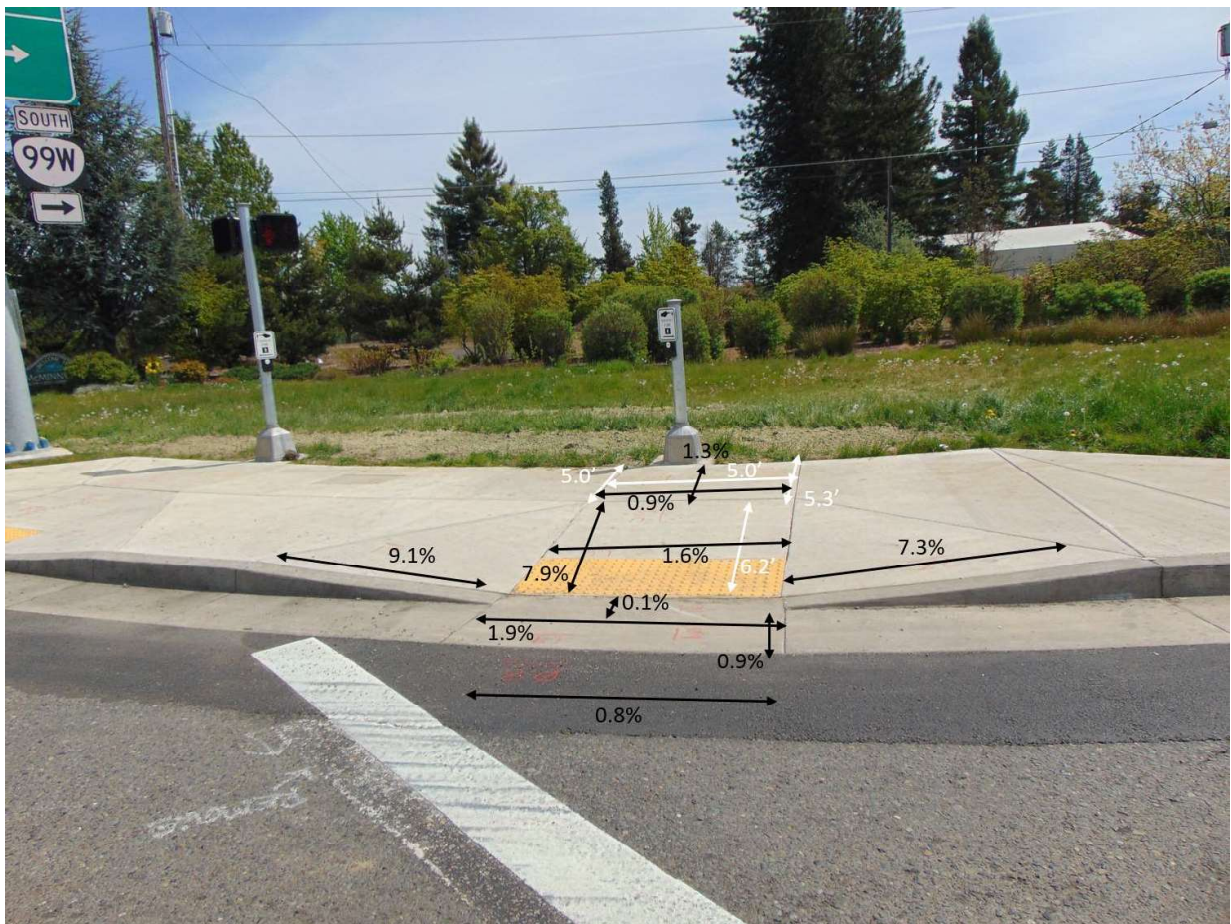


Example 2: Cut-Through Island

 Complete Form for Example 2

Thumbnail


### Example 3



Example 3: Perpendicular Curb Ramp

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 Complete Form for Example 3

 Thumbnail


## Example 4



## Example 4: Unique Design Curb Ramp

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 Complete Form for Example 4

 Thumbnail

## Example 5



Example 5: Parallel Curb Ramp

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Example 5: Parallel Curb Ramp

 Complete Form for Example 5

 Thumbnail

# Example 6



Example 6: End of Walk Curb Ramp

 Complete Form for Example 6



Thumbnail

## Example 7



Example 7: Fully Lowered Unique Design Curb Ramp



Complete Form for Example 7



Thumbnail



Complete all questions, expand all tabs, review all figures, complete quizzes and advance audio to the end before moving on.

# Unit 13 Lesson 1B: More Example Problems

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**You must click on all images before moving on to next Lesson.**



00:45

Start Audio Narration

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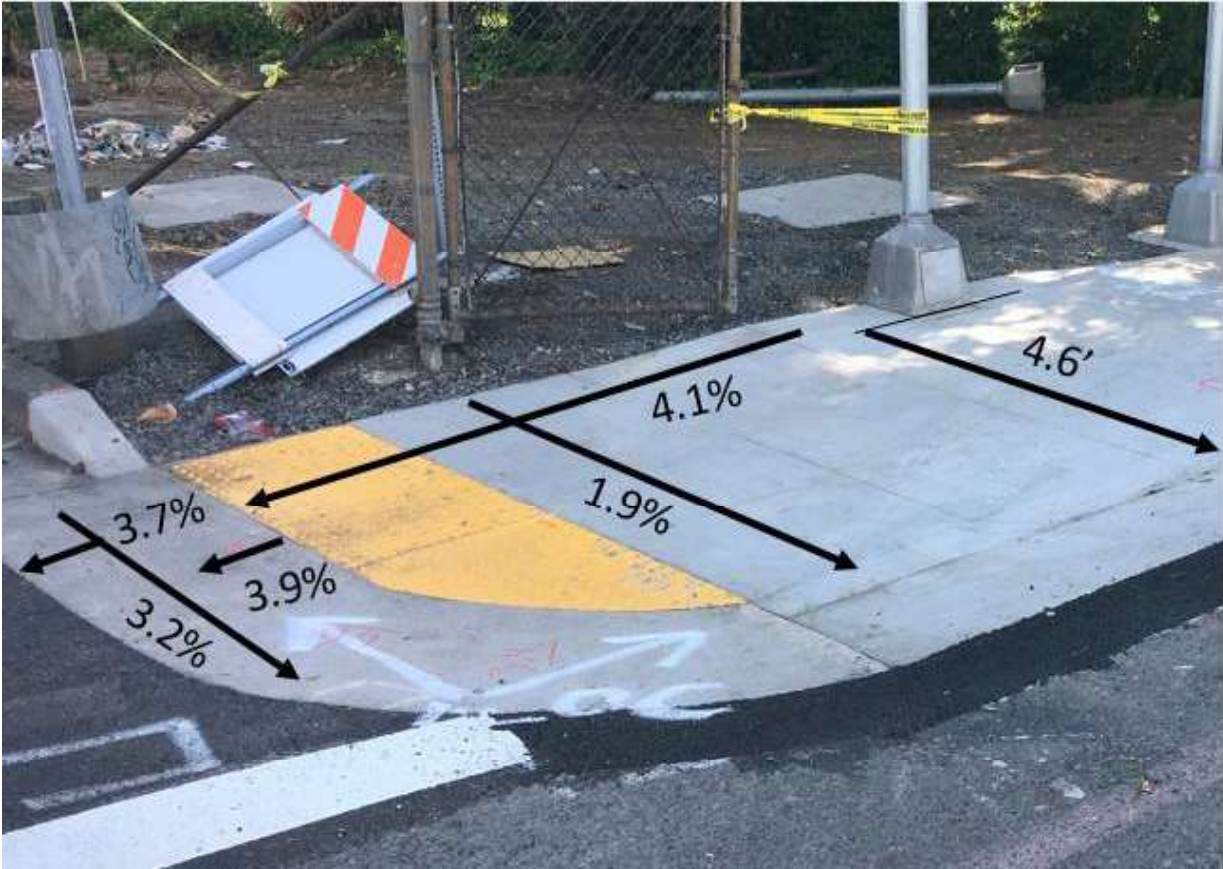
## Try it yourself!

In this lesson, refer to each of the images of constructed curb ramps with measurements and complete the corresponding inspection forms. In the inspection form that follows the image, enter the measurement labeled that matches the curb ramp component. Then press enter to submit your answer. You will get immediate feedback after each entry. You may retry each activity as many times as you like.

## Instructions

Use the values in the image to complete the inspection form below. We have completed part of the inspection form for you. There are five (5) activities.

Example Measurement 1: Blended Transition





### ADA Curb Ramp New Construction Inspection Form (Blended Transition)

Submit by E-mail

XYZ Project 2020 C12345 14000 | 00 74.50 Main Street  
Project Name (Section) Construction Contract No. Highway No. MP. Cross Street Name

Calibration Date: 01/01/2021 (mm/dd/yy)

See Exhibit A for more corner styles

<b>Functional Condition Description:</b> <b>Good (G)</b> = all applicable boxes pass OR a Design Exception addresses criteria that do not pass <b>Poor (P)</b> = any applicable box fails  <b>Physical Condition Description:</b> <b>Good (G)</b> = the concrete within the Pedestrian Circulation Area (includes flares and path back to existing sidewalk) contains no cracks or deformations <b>Poor (P)</b> = any part of the concrete within the Pedestrian Circulation Area (includes flares and transition panels) contains cracks or deformations  See also Standard Drawings to assess provisions not shown: (inlets, alignment, etc.)   <b>BLENDED TRANSITION (BT)</b> □ Detection access route (To measure clear width) ▨ Detectable warning surface ↘ Cross slope (2.0% finish grade max.) ↗ Running slope (≤ 5.0% finish grade max.) (If running slope ≥ 5.0%, this is a curb ramp, not a blended transition.) ↖ Counter slope (5.0% finish grade max.) → Gutter flow slope (as required) — Edge of Gutter Flare	Ramp Style: <b>BT</b>	<b>RAMP RUN 1</b>	Pass	Fail	DE	
	<b>Running Slope 1</b> <input type="text" value=""/>	≤ 2.0%	> 2.0%	<input type="checkbox"/>	<input type="checkbox"/>	
	<b>Cross Slope 1</b> <input type="text" value=""/>	≤ 2.0%	> 2.0%	<input type="checkbox"/>	<input type="checkbox"/>	
	<b>Detectable Warning</b> <input type="text" value=""/>	(TD, X) (N, JTD, DMG TD)				
	<b>Lip Height</b> <input type="text" value=""/>	0"	> 0"	<input type="checkbox"/>	<input type="checkbox"/>	
	<b>Gutter Flow Slope</b> <input type="text" value=""/>	≤ *	> *	<input type="checkbox"/>	<input type="checkbox"/>	
	<b>Curb Running Slope (avg)</b> <input type="text" value=""/>	≤ *1	> *1	<input type="checkbox"/>	<input type="checkbox"/>	
	<b>Counter Slope (+/-)</b> <input type="text" value=""/>	≤  5.0%	>  5.0%	<input type="checkbox"/>	<input type="checkbox"/>	
	<b>DIRECTIONAL CURB</b> <input type="checkbox"/>	Pass	Fail	DE		
	<b>Direct. Curb Running Slope</b> <input type="text" value=""/>	≤ 4.9%	> 4.9%	<input type="checkbox"/>	<input type="checkbox"/>	
	<b>Direct. Curb Cross Slope</b> <input type="text" value=""/>	≤ *	> *	<input type="checkbox"/>	<input type="checkbox"/>	
	*The passing value for Gutter Flow Slope (GFS) and Directional Curb Cross Slope depend on the Intersection Condition Type. At a Midblock (MB), slopes must be ≤ 5.0% of the Road, at Signalized or Uncontrolled (SU), slopes must be ≤ 5.0%, and at Stop or Yield (SY), slopes must be ≤ 2.0%. *CRS must be ≤ 4.9% when there is a Directional curb present, else ≤ 8.3%. NOTE: Blended Transitions are locations where the pedestrian walkway (which has one direction of travel) and the street crossing intersect at the same plane without the need of a ramp. If the Running Slope is 5.0% not a Blended Transition and should be inspected using a different inspection form.					
	<b>MISCELLANEOUS</b> Traversable	Pass	Fail	DE		
	<b>Flare Slope 1</b> <input type="checkbox"/>	≤ 10%	> 10%	<input type="checkbox"/>	<input type="checkbox"/>	
	<b>Flare Slope 2</b> <input type="checkbox"/>	≤ 10%	> 10%	<input type="checkbox"/>	<input type="checkbox"/>	
	<b>Clear Width (feet)</b> <input type="text" value=""/>	≥ 4.0'	< 4.0'	<input type="checkbox"/>	<input type="checkbox"/>	
	<b>Intersection Condition Type</b> <b>SU</b>	<b>Slope of Road</b> <input type="text" value=""/>				
	<b>Design Ex. Control Number</b> <input type="text" value=""/>					
	<b>Physical Condition (G,P)</b> <b>G</b>					
	<b>Functional Condition (G,P)</b> <b>P</b>					
	<b>CRK</b> <input type="checkbox"/>	<b>Fail</b> <input type="checkbox"/>	<b>DE</b> <input type="checkbox"/>	<b>ICRR</b> <input type="checkbox"/>	<b>Fail</b> <input type="checkbox"/>	<b>DE</b> <input type="checkbox"/>
	<b>DO</b> <input type="checkbox"/>			<b>INLET XING</b> <input type="checkbox"/>		
	<b>GB</b> <input type="checkbox"/>			<b>STR</b> <input type="checkbox"/>		
				<b>FT BT DR</b> <input type="checkbox"/>		
	<b>Comment:</b>	See other Standard Comments for full list of acceptable comments.				
	<b>Inspector's Signature</b> <input type="text" value=""/>	<b>Date (mm/dd/yy)</b> <input type="text" value=""/>				
	<b>Print name clearly</b> <input type="text" value=""/>	<b>Certification No.</b> <input type="text" value=""/>				
	<b>Company/Agency</b> <input type="text" value=""/>	<b>Crew No. (0000)</b> <input type="text" value=""/>				

734-5020A (5-2020)

Reset Entire Form

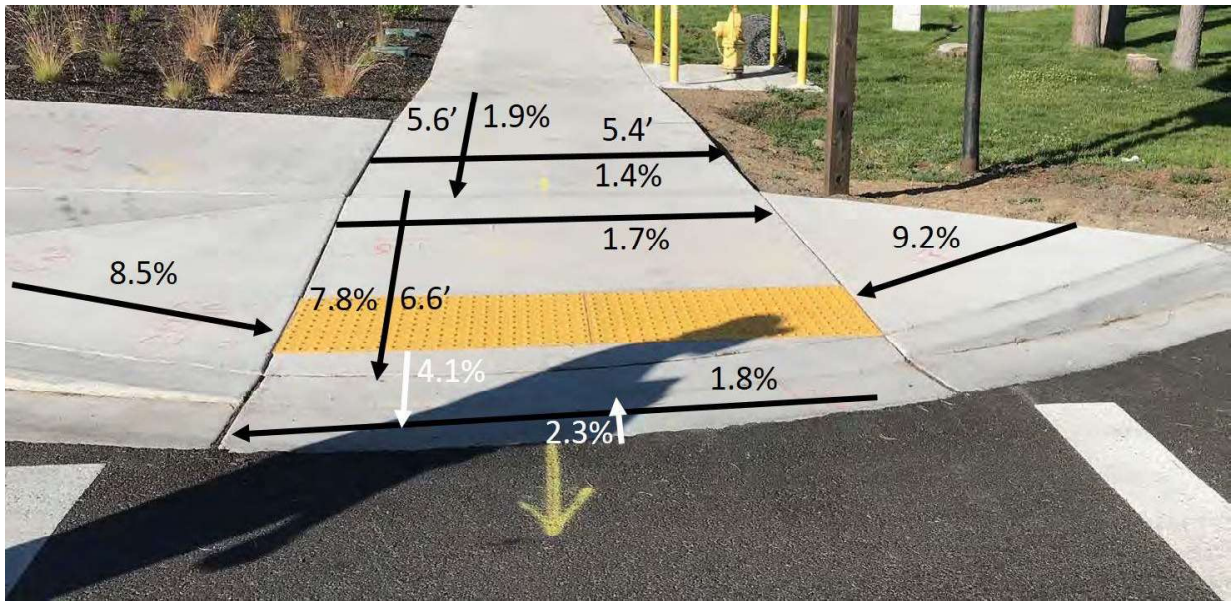
Keep Intersection, Reset Fields

<https://www.oregon.gov/odot/Construction/Pages/Forms.aspx>



Complete the content above before moving on.

## Example Measurement 2: Perpendicular





### ADA Curb Ramp New Construction Inspection Form (Perpendicular)

Submit by E-mail

XYZ Project      2020      C12345      14000 | 00      74.50      Main Street  
Project Name (Section)      Year      Construction Contract No.      Highway No.      MP      Cross Street Name

Calibration Date: 01/01/2021 (mm/dd/yyyy)

<p><b>Functional Condition Description:</b> Good (G) = all applicable items pass OR a Design Exception addresses criteria that do not pass. Poor (P) = any applicable box fails</p> <p><b>Physical Condition Description:</b> Good (G) = the concrete within the Pedestrian Circulation Area (includes flares and path back to existing sidewalk) contains no cracks or deformations. Poor (P) = any part of the concrete within the Pedestrian Circulation Area (includes flares and transition panels) contains cracks or deformations.</p> <p>*1 The passing value for Gutter Flow Slope (GFS) and Directional Curb Cross Slope depend on the Intersection Condition Type. At a Midblock (MB), slopes must be <math>\leq</math> Slope of the Road, at Signalized or Uncontrolled (SU), slopes must be <math>\leq</math> 5.0%, and at Stop or Yield (SY), slopes must be <math>\leq</math> 2.0%.</p> <p>See also Standard Drawings to assess provisions not shown: (sets, alignment, etc.)</p> <p><b>PERPENDICULAR RAMP (PR)</b></p> <ul style="list-style-type: none"><li>— Pedestrian Access Route (to measure Clear Width)</li><li>▨ Detectable Warning Surface</li><li>— Cross Slope (2.0% max.)</li><li>— Running Slope (8.3% max.)</li><li>— Counter Slope (6.0% max.)</li><li>— Turning Space (X &amp; Y) (2.0% max. / 4' x 4' min.)*</li><li>* If concrete used at back of walk, min. Y length is 4'</li><li>— Gutter Flow Slope (as directed)</li></ul>	<b>RAMP RUN 1</b>	Pass	Fail	DE	
	Running Slope 1	8.3%	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Length 1				
	Cross Slope 1	$\leq$ 2.0%	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Detectable Warning	(TD, X)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Lip Height	0"	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Gutter Flow Slope	$\leq$ +1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Curb Running Slope (max)	$\leq$ +1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Counter Slope (+/-)	$\leq$  5.0%	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<b>DIRECTIONAL CURB</b>	Pass	Fail	DE	
Directional Curb Running Slope	$\leq$ 4.9%	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Directional Curb Cross Slope	$\leq$ +1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
*2 CRS must be $\leq$ 4.9% when there is a Directional Curb present, else $\leq$ 8.3%					
<b>TURN SPACE</b>	LANDING	NONE	Pass	Fail	DE
Width X			$\geq$ 4.0'	$<$ 4.0'	<input type="checkbox"/>
Length Y			$\geq$ 4.0'	$<$ 4.0'	<input type="checkbox"/>
Back of Ramp Obstruction (V/N)					<input type="checkbox"/>
Slope X			$<$ 2.0%	$>$ 2.0%	<input type="checkbox"/>
Slope Y			$\leq$ 2.0%	$>$ 2.0%	<input type="checkbox"/>
<b>MISCELLANEOUS</b>	Traversable	Pass	Fail	DE	
Flare Slope 1		$\leq$ 10%	$>$ 10%	<input type="checkbox"/>	
Flare Slope 2		$\leq$ 10%	$>$ 10%	<input type="checkbox"/>	
Clear Width (feet)		$\geq$ 4.0'	$<$ 4.0'	<input type="checkbox"/>	
Intersection Condition Type	SY	Slope of Road			
Design Ex. Control Number					

Corner Position: 3  
Ramp Position: 1

Physical Condition (G,P): **G**  
Functional Condition (G,P): **G**

CRK:  Fail  DE      ICRR:  Fail  DE  
DO:  Fail  DE      INLET KING:  Fail  DE  
EXP:  Fail  DE      STR:  Fail  DE  
GB:  Fail  DE      FT BT:  Fail  DE

Comment: See also Standard Comments for full list of acceptable comments.

Inspector's Signature: \_\_\_\_\_ Date (mm/dd/yyyy): \_\_\_\_\_  
Print name clearly: \_\_\_\_\_ Certification No.: \_\_\_\_\_  
Company/Agency: \_\_\_\_\_ Crew No. (ODOT): \_\_\_\_\_

734-5020F (5-2020)

Reset Entire Form

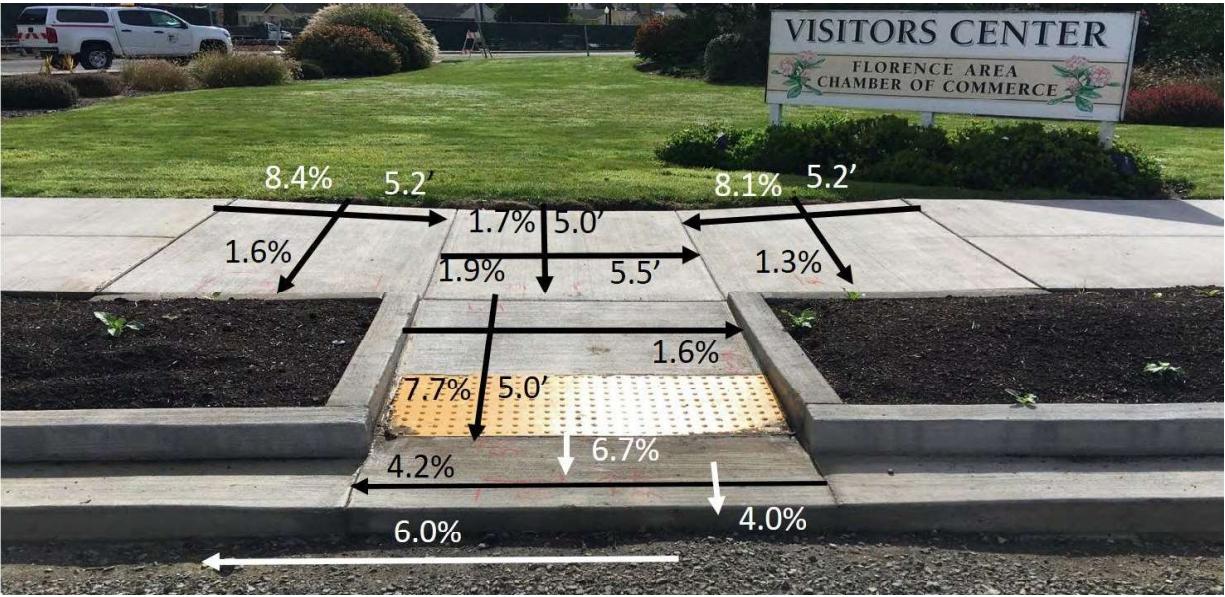
Keep Intersection, Reset Fields

<https://www.oregon.gov/odot/Construction/Pages/Forms.aspx>



Complete the content above before moving on.

### Example Measurement 3: Combination







### ADA Curb Ramp New Construction Inspection Form (Combination)

Submit by E-mail

XYZ Project  
 Construction Year: 2020  
 Contract No.: C12345  
 Highway No.: 14000 | 00  
 MP: 74.50  
 Cross Street Name: Main Street  
 Calibration Date: 01/01/2021 (mm/dd/yy)

**DIRECTIONAL CURB** Pass Fail DE  
 Direct Curb Running Slope  ≤ 4.9%  > 4.9%  
 Direct Curb Cross Slope  ≤ +1  > +1  
 \*2 CRS must be ≤ 4.9% when there is a Directional Curb present, else ≤ 8.3%  
 \*3 On the back

Ramp Style **C**  
 \*1 The passing value for Gutter Flow Slope (GFS) and Directional Curb Cross Slope depend on the Intersection Condition Type. At a Midblock (MB), slopes must be ≤ Slope of the Road, at Signalized or Uncontrolled (SU), slopes must be ≤ 5.0%, and at Stop or Yield (SY), slopes must be ≤ 2.0%.

See also Standard Drawings to assess provisions not shown: (inlets, alignment, etc.)



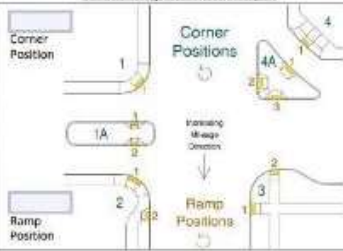
**RAMP RUN 1** Pass Fail DE  
 Running Slope 1  ≤ 8.3%  > 8.3%  
 Length 1   
 Cross Slope 1  ≤ 2.0%  > 2.0%  
 Detectable Warning (TD, X) (N, ITD, DMS, TD)  
 Lip Height  0"  > 0"  
 Gutter Flow Slope  ≤ +1  > +1  
 Curb Running Slope (avg)  ≤ +2  > +1  
 Counter Slope (+/-)  ≤ |5.0%|  > |5.0%|

**RAMP RUN 2** Pass Fail DE  
 Running Slope 2  ≤ 8.3%  > 8.3%  
 Length 2   
 Cross Slope 2  ≤ 2.0%  > 2.0%

**RAMP RUN 3** Pass Fail DE  
 Running Slope 3  ≤ 8.3%  > 8.3%  
 Length 3   
 Cross Slope 3  ≤ 2.0%  > 2.0%

**TURN SPACE** Pass Fail DE  
 Width X  ≥ 4.0'  < 4.0'  
 Length Y  ≥ 4.0'\*  < 4.0'\*  
 Back of Ramp Obstruction (Y/N)  
 Slope X  ≤ 2.0%  > 2.0%  
 Slope Y  ≤ 2.0%  > 2.0%

**MISCELLANEOUS** Traversable Pass Fail DE  
 Flare Slope 1  ≤ 10%  > 10%  
 Flare Slope 2  ≤ 10%  > 10%  
 Clear Width (feet)  ≥ 4.0'  < 4.0'  
 Intersection Condition Type: **MB** Slope of Road: **6.0**  
 Design Ex. Control Number



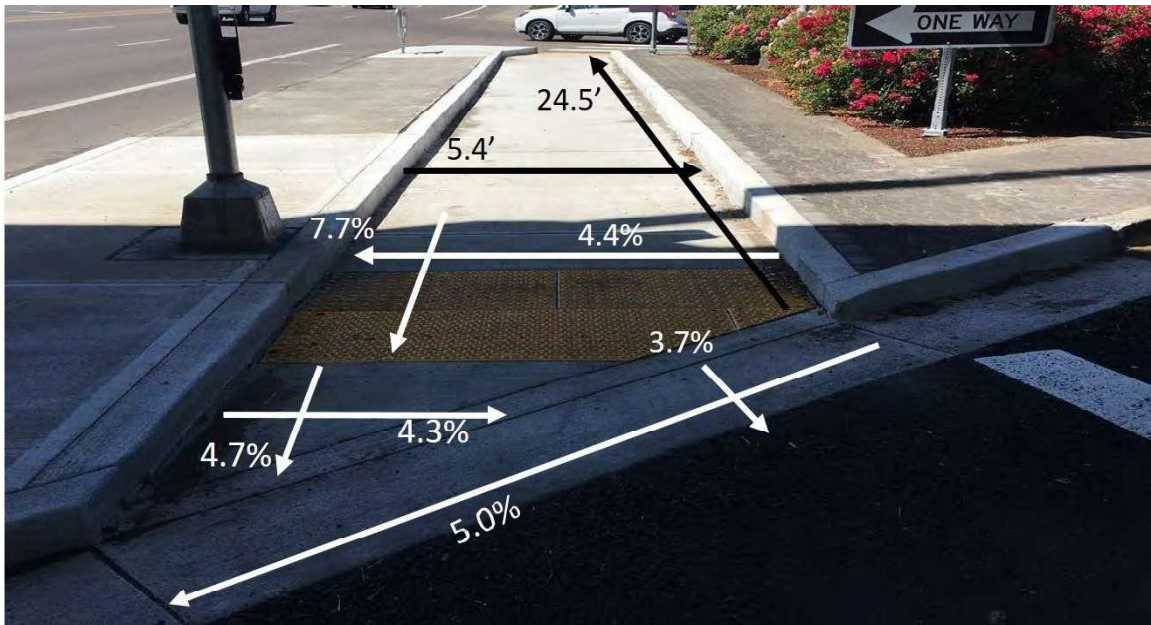
Physical Condition (G,P)\*1 **G**  
 Functional Condition (C,P)\*2 **P**  
 CRK  Fail DE   
 DO  Fail DE   
 EXP  Fail DE   
 GR  Fail DE   
 ICRR  Fail DE   
 INLET XING  Fail DE   
 STR  Fail DE   
 FT RT  Fail DE   
 Add Clear

Comment:  
 See also Standard Comments for full list of acceptable comments

Inspector's Signature  Date (mm/dd/yy)   
 Print name clearly  Certification No.   
 Company/Agency  Crew No. (ODOT)

Complete the content above before moving on.

### Example Measurement 4: Cut Through





### ADA Curb Ramp New Construction Inspection Form (Cut Through Island)

Submit by E-mail

XYZ Project  
Project Name (Section)

2020  
Construction Year

C12345  
Contract No.

14000 | 00  
Highway No.

74.50  
MP

Main Street  
Cross Street Name

Calibration Date: 01/01/2021 (mm/dd/yy)

See Exhibit A for more corner styles

#### Functional Condition Description:

Good (G) = all applicable boxes pass OR a Design Exception addresses criteria that do not pass.  
Poor (P) = any applicable box fails.

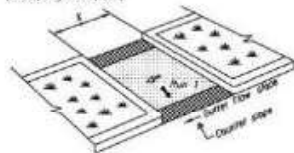
#### Physical Condition Description:

Good (G) = the concrete within the Pedestrian Circulation Area (includes flares and path back to existing sidewalk) contains no cracks or deformations.  
Poor (P) = any part of the concrete within the Pedestrian Circulation Area (includes flares and transition panels) contains cracks or deformations.

\*The passing value for Gutter Flow Slope (GFS), Directional Curb Cross Slope and Cross Slope 1 (CS1) depends on the Intersection Condition Type. CS1 follows the listed rules only on a Cut Through with a through movement. At a Midblock (MB), GFS and CS1 must be  $\leq$  Slope of the Road, at Signalized or Uncontrolled (SU), GFS and CS1 must be  $\leq$  5.0%, and at Stop or Yield (SY), GFS and CS1 must be  $\leq$  2.0%. If a Turn Space is required, CS1 must be  $\leq$  2.0%.

NOTE: Use separate inspection form for each opening of cut-through.

See also Standard Drawings to assess provisions not shown: (inlets, alignment, etc.)



#### CUT THROUGH (CT)

- Pedestrian access route (to measure clear width)
- Detectable warning surface
- Cross slope
- Running slope
- Counter slope (5.0% finish grade max.)
- Gutter flow slope (as required)

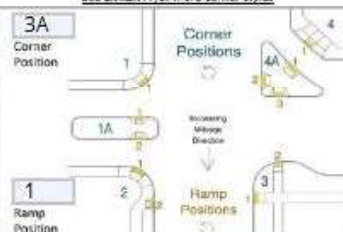
RAMP RUN 1	Pass	Fail	DE
Running Slope 1	<input type="checkbox"/> $\leq$ 8.3%	<input type="checkbox"/> $>$ 8.3%	<input type="checkbox"/>
Cross Slope 1	<input type="checkbox"/> $\leq$ *	<input type="checkbox"/> $>$ *	<input type="checkbox"/>
Detectable Warning	<input type="checkbox"/> (TD, X)	<input type="checkbox"/> (N, ITD, DM/G, TD)	<input type="checkbox"/>
Lip Height	<input type="checkbox"/> $\leq$ 0"	<input type="checkbox"/> $>$ 0"	<input type="checkbox"/>
Gutter Flow Slope	<input type="checkbox"/> $\leq$ *	<input type="checkbox"/> $>$ *	<input type="checkbox"/>
Curb Running Slope <sup>(max)</sup>	<input type="checkbox"/> $\leq$ *	<input type="checkbox"/> $>$ *	<input type="checkbox"/>
Counter Slope (+/-)	<input type="checkbox"/> $\leq$ [5.0%]	<input type="checkbox"/> $>$ [5.0%]	<input type="checkbox"/>

DIRECTIONAL CURB	Pass	Fail	DE
Directional Curb Running Slope	<input type="checkbox"/> $\leq$ 5.0%	<input type="checkbox"/> $\geq$ 5.0%	<input type="checkbox"/>
Directional Curb Cross Slope	<input type="checkbox"/> $\leq$ *	<input type="checkbox"/> $>$ *	<input type="checkbox"/>

\*1 CRS must be  $\leq$  4.9% when there is a Directional Curb present, else  $\leq$  8.3%

TURN SPACE	NO TURN SPACE <input checked="" type="checkbox"/>	Pass	Fail	DE
Width X	<input type="checkbox"/>	<input type="checkbox"/> $\geq$ 5.0'	<input type="checkbox"/> $<$ 5.0'	<input type="checkbox"/>
Length Y	<input type="checkbox"/>	<input type="checkbox"/> $\geq$ 5.0'	<input type="checkbox"/> $<$ 5.0'	<input type="checkbox"/>
Slope X	<input type="checkbox"/>	<input type="checkbox"/> $\leq$ 2.0%	<input type="checkbox"/> $>$ 2.0%	<input type="checkbox"/>
Slope Y	<input type="checkbox"/>	<input type="checkbox"/> $\leq$ 2.0%	<input type="checkbox"/> $>$ 2.0%	<input type="checkbox"/>

MISCELLANEOUS Traversable	Pass	Fail	DE
Flare Slope 1	<input type="checkbox"/> $\leq$ 10%	<input type="checkbox"/> $>$ 10%	<input type="checkbox"/>
Flare Slope 2	<input type="checkbox"/> $\leq$ 10%	<input type="checkbox"/> $>$ 10%	<input type="checkbox"/>
Clear Width (feet)	<input type="checkbox"/> $\geq$ 5.0'	<input type="checkbox"/> $<$ 5.0'	<input type="checkbox"/>
Intersection Condition Type	<input type="text" value="SU"/>		
Slope of Road	<input type="text"/>		
Cut Through Length $>$ 6 FT (V/N)	<input type="text"/>		
Design Ex. Control Number	<input type="text"/>		



Physical Condition (G,P)	<input type="text" value="G"/>
Functional Condition (G,P)	<input type="text" value="P"/>
CRK	<input type="checkbox"/> Fail <input type="checkbox"/> DE
DO	<input type="checkbox"/> Fail <input type="checkbox"/> DE
GB	<input type="checkbox"/> Fail <input type="checkbox"/> DE
ICRR	<input type="checkbox"/> Fail <input type="checkbox"/> DE
INLET KING	<input type="checkbox"/> Fail <input type="checkbox"/> DE
STR	<input type="checkbox"/> Fail <input type="checkbox"/> DE

Add Clear

Comment:

See also Standard Comments for full list of acceptable comments

Inspector's Signature: \_\_\_\_\_ Date (mm/dd/yy): \_\_\_\_\_

Print name clearly: \_\_\_\_\_ Certification No.: \_\_\_\_\_

Company/Agency: \_\_\_\_\_ Crew No. (ODDT): \_\_\_\_\_

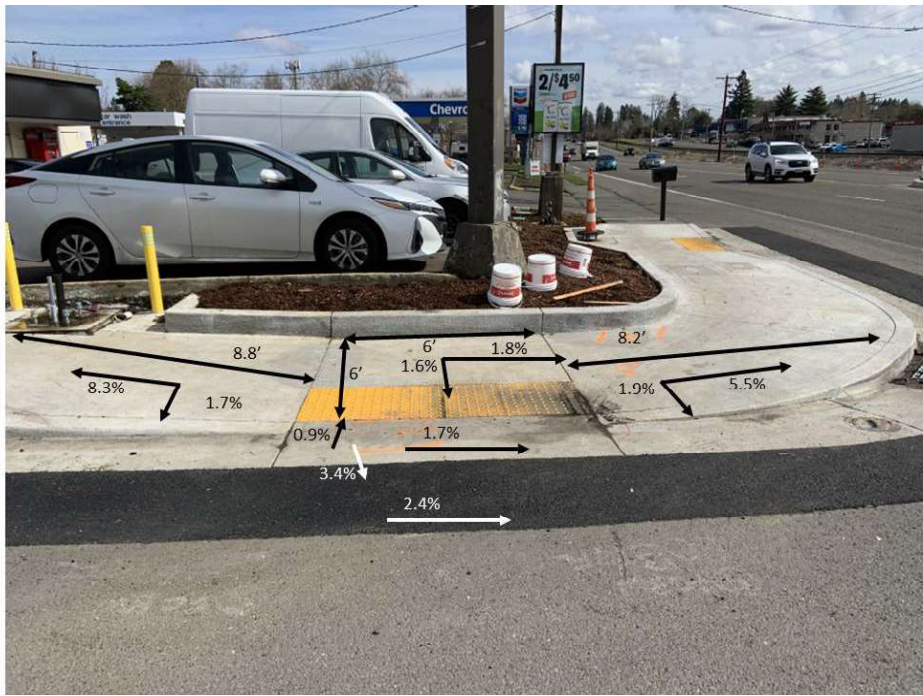
734-5020C (5-2020)

Reset Entire Form

Keep Intersection, Reset Fields

<https://www.oregon.gov/bdot/Construction/Pages/Forms.aspx>

## Example Measurement 5: Parallel





### ADA Curb Ramp New Construction Inspection Form (Parallel)

Submit by E-mail

Project Name (Section) **Example 1** Construction Contract No. **2024 12345** Highway No. **###** MP **##** Cross Street Name **Example 1**

Calibration Date: \_\_\_\_\_ (mm/dd/yy)

Ramp Style **PL**

**Functional Condition Description:**  
**Good (G)** = all applicable boxes pass OR a Design Exception addresses criteria that do not pass.  
**Poor (P)** = any applicable box fails

**Physical Condition Description:**  
**Good (G)** = the concrete within the Pedestrian Circulation Area (includes flares and path back to existing sidewalk) contains no cracks or deformations  
**Poor (P)** = any part of the concrete within the Pedestrian Circulation Area (includes flares and transition panels) contains cracks or deformations

\*The passing value for Gutter Flow Slope (GFS) depends on the Intersection Condition Type. At a Midblock (MB), GFS must be  $\leq$  Slope of the Road, at Signalized or Uncontrolled (SU), GFS must be  $\leq$  5.0%, and at Stop or Yield (SY), GFS must be  $\leq$  2.0%.

See also Standard Drawings to assess provisions not shown: (inlets, alignment, etc.)



PARALLEL RAMP (PL)

PARALLEL RAMP (PL)

- Pedestrian Access Route (to measure Clear Width)
- Detectable Warning Surface
- Cross Slope (2.0% max.)
- Running Slope (8.3% max.)
- Counter Slope (5.0% max.)
- Turning Space (R & Y)  $\geq$  2.0% max. / 4' x 4' min.<sup>2</sup>  
<sup>2</sup> If construction at back of ramp, then, Y length is 5'.
- Outer Flow Slope (as directed)

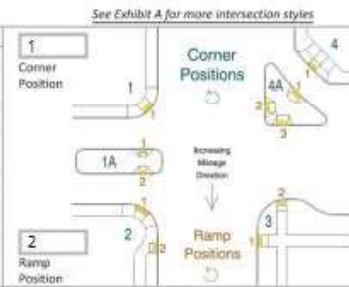
RAMP RUN 1	Pass	Fail	DE
Running Slope 1	<input type="checkbox"/> $\leq$ 2.0%	<input type="checkbox"/> $>$ 2.0%	<input type="checkbox"/>
Cross Slope 1	<input type="checkbox"/> $\leq$ 2.0%	<input type="checkbox"/> $>$ 2.0%	<input type="checkbox"/>
Detectable Warning	<input type="checkbox"/> (TD, X)	<input type="checkbox"/> (R, LTD, DMG TD)	<input type="checkbox"/>
Lip Height	<input type="checkbox"/> 0"	<input type="checkbox"/> $>$ 0"	<input type="checkbox"/>
Gutter Flow Slope	<input type="checkbox"/> $\leq$ *	<input type="checkbox"/> $>$ *	<input type="checkbox"/>
Curb Running Slope (max)	<input type="checkbox"/> $\leq$ 8.3%	<input type="checkbox"/> $>$ 8.3%	<input type="checkbox"/>
Counter Slope (+/-)	<input type="checkbox"/> $\leq$  5.0%	<input type="checkbox"/> $>$  5.0%	<input type="checkbox"/>

RAMP RUN 2	Pass	Fail	DE
Running Slope 2	<input type="checkbox"/> $\leq$ 8.3%	<input type="checkbox"/> $>$ 8.3%	<input type="checkbox"/>
Length 2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cross Slope 2	<input type="checkbox"/> $\leq$ 2.0%	<input type="checkbox"/> $>$ 2.0%	<input type="checkbox"/>

RAMP RUN 3	Pass	Fail	DE
Running Slope 3	<input type="checkbox"/> $\leq$ 8.3%	<input type="checkbox"/> $>$ 8.3%	<input type="checkbox"/>
Length 3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cross Slope 3	<input type="checkbox"/> $\leq$ 2.0%	<input type="checkbox"/> $>$ 2.0%	<input type="checkbox"/>

TURN SPACE	Pass	Fail	DE
Width X	<input type="checkbox"/> $\geq$ 4.0'	<input type="checkbox"/> $<$ 4.0'	<input type="checkbox"/>
Length Y	<input type="checkbox"/> $\geq$ 4.0*	<input type="checkbox"/> $<$ 4.0*	<input type="checkbox"/>
Back of Ramp Obstruction (Y/N)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Slope X (Cross Slope 1)	<input type="checkbox"/> $\leq$ 2.0%	<input type="checkbox"/> $>$ 2.0%	<input type="checkbox"/>
Slope Y (Running Slope 1)	<input type="checkbox"/> $\leq$ 2.0%	<input type="checkbox"/> $>$ 2.0%	<input type="checkbox"/>

MISCELLANEOUS	Pass	Fail	DE
Clear Width (feet)	<input type="checkbox"/> $\geq$ 4.0'	<input type="checkbox"/> $<$ 4.0'	<input type="checkbox"/>
Intersection Condition Type	<input type="checkbox"/> Slope of Road	<input type="checkbox"/>	<input type="checkbox"/>
Design Ex. Control Number	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



Physical Condition (G,P)

Function Condition (G,P)

CRK	<input type="checkbox"/>	ICRR	<input type="checkbox"/>
DO	<input type="checkbox"/>	INLET XING	<input type="checkbox"/>
EXP	<input type="checkbox"/>	STR	<input type="checkbox"/>
GB	<input type="checkbox"/>	FT BT	<input type="checkbox"/>

Comment: \_\_\_\_\_

Inspector's Signature \_\_\_\_\_ Date (mm/dd/yy) \_\_\_\_\_

Print name clearly \_\_\_\_\_ Certification No. \_\_\_\_\_

Company/Agency \_\_\_\_\_ Crew No. (OOO) \_\_\_\_\_

734-5020E (5-2020)

Reset Entire Form

Keep Intersection, Reset Fields

<https://www.oregon.gov/odot/Construction/Pages/Forms.aspx>



Complete all activities and advance audio to the end before moving on.

# Unit 13: Lesson 2: Pushbutton Inspection Activity

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**You must click on all images before moving on to next Lesson.**



00:22

Start Audio Narration

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This activity will go through the various items on the details section of the Pushbutton Inspection Forms. Refer to Unit 10 for more information.

SUBMIT



00:27

Continue Audio Narration

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## Pushbutton Inspection Form Activity

Refer to the image of a curb ramp and pushbutton with measurements and complete the corresponding inspection form. We have completed part of the inspection form for you. In the inspection form that follows the image, enter the measurement labeled that matches the curb ramp component. Press **enter** to submit your answer. You will get immediate feedback after each entry. You may retry the activity as many times as you like.



**PB Example 3**

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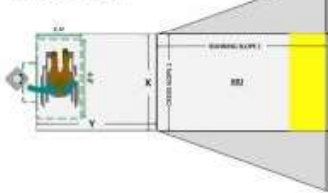


### ADA Push Button New Construction Inspection Form For TS and PS

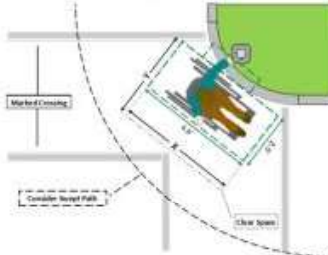
Submit by E-mail

Project Name (Section): 
 Construction Year: 
 Contract No.: 
 Highway No.: 
 MP: 
 Cross Street Name: 
 Corner Position: 
 Button Position:

#### Turn Space (TS)



#### Paved Shoulder (PS)



For other Clear Space Surface Types, see Exhibit "C".

<sup>1</sup> Push Buttons may have a Design Exception for a parameter allowing for deviations from set standards. In such case, the functional condition is good given the other parameters are still within the defined standards.

Note: Pass/Fail boxes must be manually checked

#### PUSH BUTTON DETAILS

All fields under Push Button Details are information only fields and are not factored into functional condition.

Indicator (B, S)   
 B=Beacon, S=Signal

Audible Pedestrian Signal (N, PT, SM)   
 N=None, PT=Percussive Tone, SM=Speech Message

Locator Tone (Y, N)   
 Y=Yes, N=No

Signal Head (CD, N, PIC, TXT)   
 CD=Countdown, N=None, PIC=Pictogram, TXT=Text

Button Type (H, O, S)   
 H=H-Frame, O=Other, S=Standard

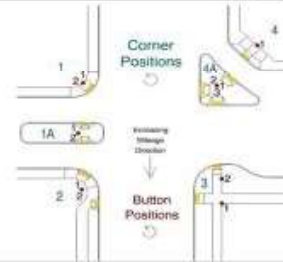
Arrow Surface (FS, N, TC, VB)   
 FS=Flush, N=None, TC=Tactile, VB=Vibrotactile

#### CLEAR SPACE DETAILS

All fields under Clear Space Details are required fields and are factored into functional condition.

Surface Type (TS, PS)   
 TS=Turn Space, PS=Paved Shoulder

	Pass	Fail	DE <sup>1</sup>
Reach Range	<input type="checkbox"/> ≤ 0.83'	<input type="checkbox"/> > 0.83'	<input type="checkbox"/>
(Ft.) Height	<input type="checkbox"/> 3.5' - 4.0'	<input type="checkbox"/> < 3.5' or > 4.0'	<input type="checkbox"/>
(Ft.) Width X	<input type="checkbox"/> ≥ 4.0'	<input type="checkbox"/> < 4.0'	<input type="checkbox"/>
(Ft.) Length Y	<input type="checkbox"/> ≥ 2.5'	<input type="checkbox"/> < 2.5'	<input type="checkbox"/>
(Ft.) Slope X	<input type="checkbox"/> ≤ 2.0%	<input type="checkbox"/> > 2.0%	<input type="checkbox"/>
Slope Y	<input type="checkbox"/> ≤ 2.0%	<input type="checkbox"/> > 2.0%	<input type="checkbox"/>



Calibration Date

ADA Design Exception Control No.<sup>1</sup>

Functional Condition (G,P)

type your text here

Comments:

Inspector's Signature:  Date (mm/dd/yy):

Print name clearly:  Certification No.:

Company/Agency:  Crew No. (0001):

ODOT Form No. 734-5245A (4/2020)

Reset Form

Keep Intersection, Reset Form



Complete all questions, expand all tabs, review all figures, complete quizzes and advance audio to the end before moving on.