Intro



ADA Operations Contact Info

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http://www.dot.state.mn.us/ada/construction.html





















MnDOT ADA Training

Compliance Checklists 2017

Your Destination...Our Priority











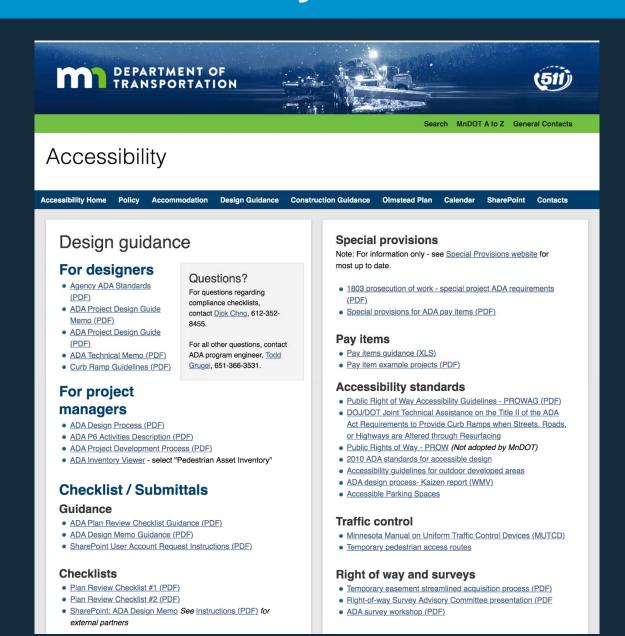






MnDOT Accessibility Website





MnDOT Accessibility Website



AA-DOT ABA C	lianas Chaolalist fou ADC
MINDOT ADA Comp	liance Checklist for APS District:
	Quadrant:
ntersection:	Quadrant.
Construction Year:	
Compile all relevant document (photos, notes, e	etc) of the completed quadrant and send t
ADAComplianceChecklists.dot@state.mn.us	
1) Are push button stations placed and push bu	tton faces O Yes O No
oriented in accordance with standards? 2) Is there a minimum 4' x 4' landing adjacent to	o each push button? O Yes O No
3) Distance from crosswalk edge to push button	
5) Distance from crosswanceage to pash success	Trunk Hwy Side Street
4) Distance from the push button to the back of	
(measured in the direction of the pedestrian tra	avel in ft) Trunk Hwy Side Street
5) Distance between push buttons (ft):	
6) Push button height (inches):	
	Trunk Hwy Side Street
7) Push button side reach (inches):	Trunk Hwy Side Street
8) Is APS system fully compliant? O Yes	O No
If NO, check one of the following reasons why. E	Explain why the component(s) didn't mee
compliance (see ADA Compliance Checklist Guid	dance for additional directions).
☐ Topography ☐ Structure(s) ☐ Uti	ilities Contractor MnDOT
9) Has a 6' maintenance access route (MAR) be	
10) Are push buttons situated at least 2' away f the back of walk and ramp grade break?	O Yes O No
11) Are all newly constructed hand-hole(s) local	ted
outside of pedestrian access route (PAR)?	O Yes O No
12) Push buttons placed according to the plan of	details? O Yes O No
If no, please describe/explain:	
	te (mm/dd/yyyy):
☐ I certify that the information entered on this form is ac understand the checklist standards and am qualified to carr	
The state of the s	,

SP:	City		Distr	ict:	
ntersection:			Quadra	ant:	
Ramp Type:	- 4		Const. Y	ear:	
	vant document (p Checklists.dot@s	photos, notes, etc)	of the comple	eted quad	rant and send t
(1) Minimum 4	wide pedestrian	access route (PAR) maintained?	O Yes	O No
(3) Are landing	s) located at the	perpendicular gra top of each ramp a at inverse grades?	and	O Yes	O No
(4) Landing slop	Table	(TH)	(TH)	(SS)	(SS)
(5) Ramp's runi (6) Ramp's cros		TH	ondary Init	ss	econdary SS condary
(7) Gutter flow	line slope (%):	TH	SS		
(8) Gutter inslo	pe (%):	TH	SS		runk Highway
(9) Roadway cr	oss slope (%):	TH	SS	SS = Si	de Street
(10) Do truncat they properly o		the entire curb ope	ening and are	O Yes	O No
(11) Are gutter	line and ramps d	raining properly?		O Yes	O No
(12) Are there	any vertical disco	ntinuities greater t	han 1/4"?	O Yes	O No
(13) Do ramps	comply with Spec	2521.3?		O Yes	O No
f NO , check the	een improved fro nce for more info	○Yes Explain why the r the pre-construct and attach pages e(s) □Utilitie	ction conditio if needed).		
		be built according	to the plan de	etails?	Yes O No

MnDOT Accessibility Website



O' HIVE	ADA Project Compliance Submittal* *To be completed by the Project Engineer/Supervisor
SP#:	City: TH(s):
	ct Engineer/Supervisor: Construction Year:
F	Project Chief Inspector:
	Lead ADA Inspector:
	Prime Contractor:
Pro	ject Description (Stand alone, Mill and Overlay, Reconstruction, etc)
	Company/Firm (e.g. MnDOT) Designer Name
Project Desig	
	List of Sub-Contractor(s) working on ADA:
	(rate 1 to 5 for each contractor, 1 being poor and 5 being excellent)
Туре	Contractor Rating Remarks
Oid Contract	or(s) provide a responsible person familiar with PROWAG to be on site during
	truction as per Special Provisions 1803? Yes No
	PROWAG Specialist:
	er of APS Quadrants Number of NON APS Quadrants
las a portio	on of any quadrant required to be rebuilt or redone? Yes No
Number of	
	mps needed to be redone were contractor's responsibility? -
	mps needed to be redone were MnDOT's responsibility? -
	ere plan errors? -
Other -	
lumber of NO Topogra	DN-COMPLIANT ramps due to: aphy Utilities Structure(s)
dditional R	



Compliance Checklists Link to SharePoint and Guidance on the ADA web site.

(1)	MnDOT AD	A Compliance Chec	klist (Curb Ramp)	
SP:	City	y:	District:	
ntersection:			Quadrant:	
Ramp Type:	Trappart .	C	onst. Year:	
Compile all rela	evant document (ceChecklists.dot@	photos, notes, etc) of the state.mn.us	completed quadrant and	send
(1) Minimum 4	4' wide pedestriar	n access route (PAR) maint	ained? OYes O No	3
		d perpendicular grade brea	ak(s)? O Yes O No)
		top of each ramp and at inverse grades?	O Yes O No)
(4) Landing slo	pes (%):	(TH) (TH)	(65)	
(5) Ramp's run	nning slope (%):			SS
(6) Ramp's cro	ss slope (%):	TH TH		S
(7) Gutter flow	v line slope (%):	тнs	,	
(8) Gutter insle	ope (%):	TH S	TH = Trunk High	
(9) Roadway c	ross slope (%):	TH S	CC - Ctd - Ctur-t	vay
(10) Do trunca hey properly o		the entire curb opening ar	d are O Yes O No	
(11) Are gutter	r line and ramps d	raining properly?	O Yes O No	
12) Are there	any vertical disco	ntinuities greater than 1/4	"? O Yes O No	
13) Do ramps	comply with Spec	2521.3?	O Yes O No	
	fully compliant?	• • • • • • • • • • • • • • • • • • • •		
ne ramp has b	een improved fro ince for more info	. Explain why the ramp dic m the pre-construction co and attach pages if neede e(s)Utilities[ndition (see ADA Compli	ance
				V. 1.
		pe built according to the p	an details? O Yes O	No
f NO, please e		300		
rinted Name:		Date (mm/de	d/yyyy): pest of my knowledge and that	





<u>All</u> 2014 and future ADA work including carryover projects need to follow this guidance and compliance forms need to be entered electronically.



See Appendix for additional guidance.

APPENDIX

The bubble note in each figure represents the required data on the APS compliance checklist form.

Numbers on	
figure and on the APS form	DESCRIPTION
1	Push button orientation
2	Push button landing
3	Distance from crosswalk edge
4	Distance from back of curb
5	Distance between push buttons
9	Maintenance access route (MAR)
10	Distance of push button(s) to front and back of landing

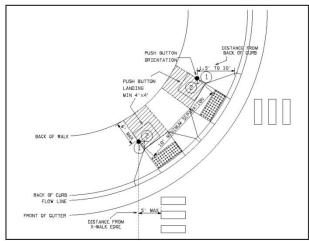


Figure 1: APS Guidance (1)



ADA Policy and Design ▶ Compliance Checklists Forms ▶ Compliance Checklists Library ¬

This List: Compliance

Your Destination...Our Dr

Click "Add documents" to upload filled out compliance checklists for completed ADA curb ramps. Form best viewed with Internet Explorer.

ADA Policy and Design

Libraries		District	Name	SP#	City	Const Year	Intersection	Quad	Ramp Type	SignName	Date	Compliance
ADA Wiki		4	TH 32 and	1403-	Hitterdal	2012	TH 32 and	SW	Twin	Scott Oines	07/02/2012	COMPLIANT
Compliance Checklists Forms		McKinley Ave W_1403- 24 2014-01-	24			McKinley Ave W		Perpendicular				
APS Compliance Form		09T15_41_24										
Public Documents		4	TH 32 and	1403- Hitter 24	Hitterdal	al 2012	TH 32 and CR 34	NE	Twin Perpendicular	Scott Oines	07/02/2012	NON- COMPLIANT
Site Pages			CR 34_1403- 24_2014-01-									
Private Group			09T15_43_49									
Documents	4	TH 32 and CR 34_1403-	1403- 24	Hitterdal	2012	TH 32 and CR 34	SW	Twin Perpendicular	Scott Oines	07/02/2012	NON- COMPLIANT	
Lists		24_2014-01- 09T15_45_06										
Announcements	4	4 TH 32 AND CR 34_1403- 24_2014-01-	TH 32 AND		Hitterdal	2012	TH 32 AND	NW	Twin	Scott Oines	07/02/2012	NON-
Calendar			24			CR 34		Perpendicular			COMPLIANT	
Tasks		13T14_28_46										
Discussions	4	TH 32 AND CR 34_1403-	1403- Hitter	Hitterdal	2012	TH 32 AND CR 34	SE	Twin Perpendicular	Scott Oines	07/02/2012	NON- COMPLIANT	
Team Discussion		24_2014-01- 13T14_30_05 ₩ NEW	24_2014-01- 13T14_30_05						·			
					\sim 1 1							

Site Content













Add document

SHARE POINT

A web site that provides a central storage and collaboration space for documents, information, and Ideas.





















NOTE:

 Documentation shall record the largest cross slope value, and running slope value after checking several locations.



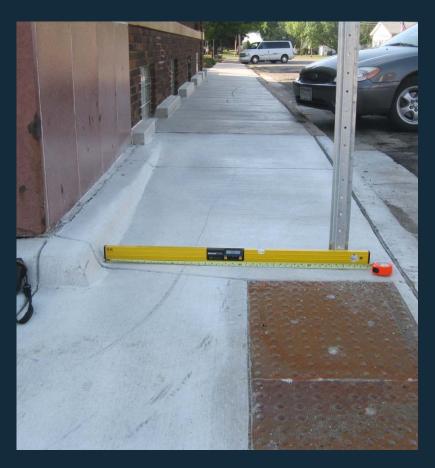
 If any portion of the ramp is non-compliant provide a detailed explanation why ramp cannot be constructed fully compliant.

(1) PAR



1) Minimum 4 ft. wide Pedestrian Access Route (PAR) with maximum cross slope of 2%





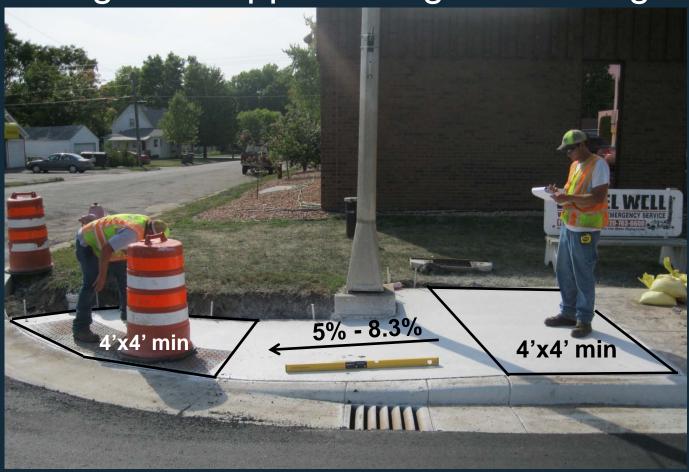


2) Landing dimensions are a minimum 4' x 4' and perpendicular grade breaks.





3) Landings are located at the top of each ramp. Is it over 5%? Is there a change in direction? Are there inverse grades approaching the landing?



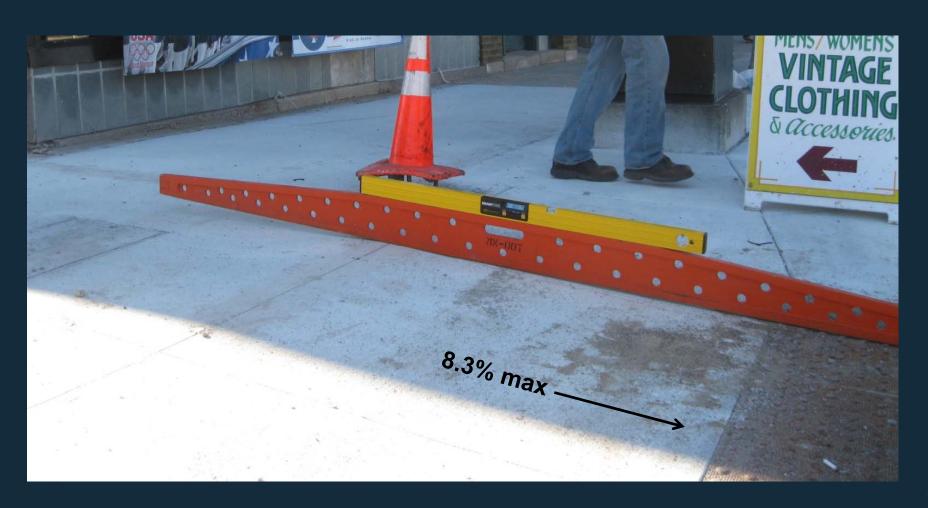


4) Record landing slopes (max. 2% in any direction)





5) Ramp's running slope must be less than or equal to 8.3%.





6) Ramp's cross slope must be 2% maximum. If secondary ramp is recorded do not record noncompliant portion of transition panel.





7 & 8) Record gutter flow line slope and inslope.







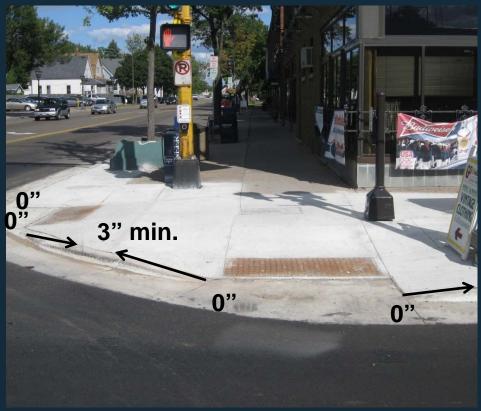
9) Roadway Cross slope is measured perpendicular to curb flow line or edge of roadway and should not exceed 5% at pedestrian crossings.





10) Curb tapers are considered a detectable edge when tapers start within 3" of truncated domes and rise to a minimum 3" curb height.







10) Truncated domes cover the entire curb opening and meet setback criteria.







10) Truncated domes shall extend full width of the ramp landing or Blended transition within 3" on either end







10) Radial Detectable warnings shall be set back 3" to 6" from back of curb.



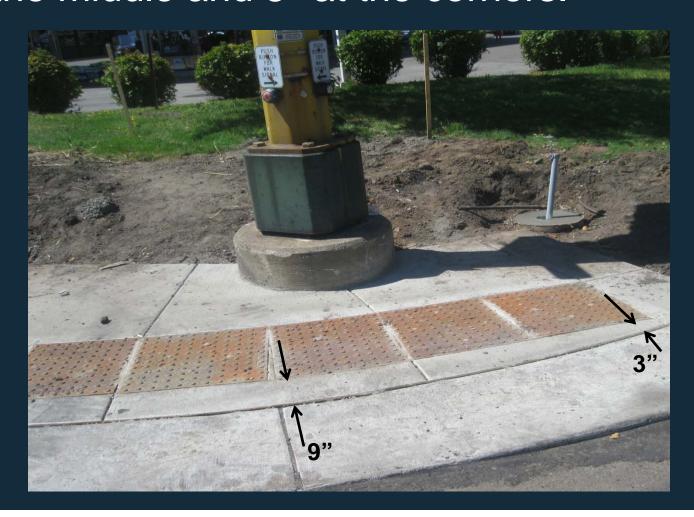


10) Radial Detectable warnings shall be set back 3" to 6" from back of curb.



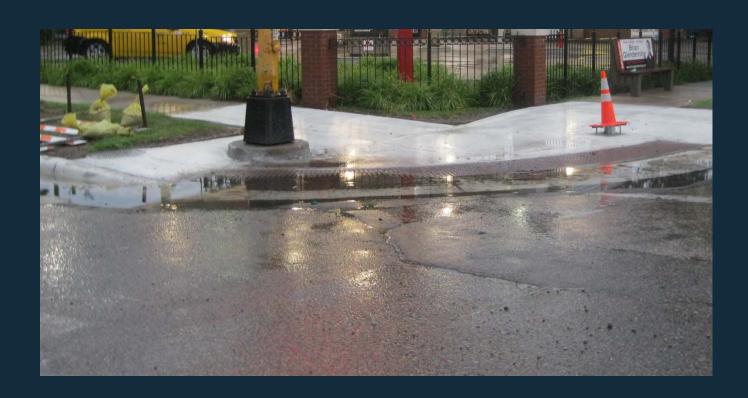


10) Whenever rectangular domes are placed around a radius, they may be set back up to 9" in the middle and 3" at the corners.



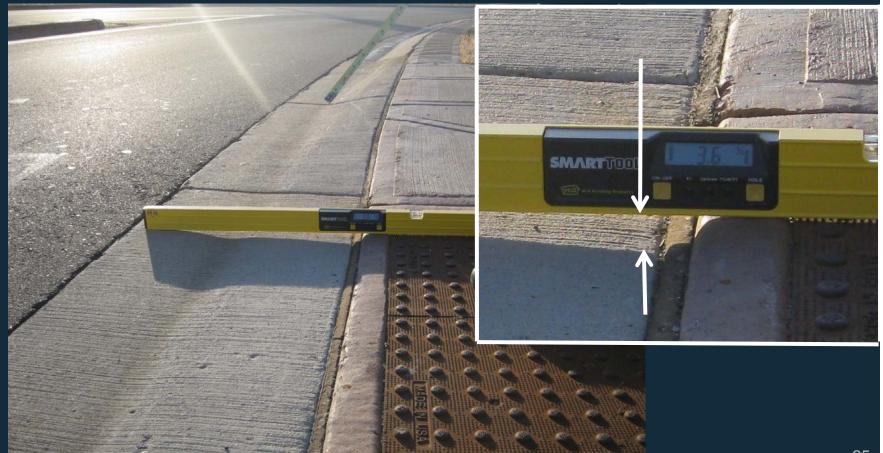


11) Check gutter line and ramps are draining properly and not holding water. Check after rain event.





12) Prosecution of Work (ADA) No vertical discontinuities greater than ¼ inch anything over ½ inch and the panel should be replaced.





12) No vertical discontinuities greater than 1/4 inch





13) Spec 2521.3: The Engineer will use a 10' straight edge to measure the surface. The department considers deviations greater than 3/16 in. and deviations in formed concrete greater than ½ in. from the required location as unacceptable work. Remove and replace unacceptable work as directed by the Engineer.







14) Are ramps fully compliant? If any portion of the ramp is not compliant, be sure to document preconstruction and post-construction ramp conditions and explain why the ramp cannot be fully compliant.



Always check correct box and explain if not fully compliant.



A) Topography: Elevated road slopes or steep existing flow lines. Secondary landing could not be constructed within 30 ft. of initial landing.





B) Structures: Ramp could not be constructed compliant due to existing structures such as buildings, steps, street signs ect...

Example: walkway attempting to tie into nearby entrance / steps and reducing space for compliant curb ramp construction.





- C) Utilities: Existing utilities that could not be moved
- Both surface and underground utilities such as power poles, fire hydrants, street lights, signal poles, manholes, vaults ect...





D) Contractor Performance:

The ramp could have been constructed to be compliant, but the contractor failed in constructing the ramp in accordance with special provisions 1803 special project ADA requirements.

If any compliance standards are not met due to contractor performance, rework is required before the project is substantially complete. See Specification 1503 (Conformity with Plans and Specifications).



D) Contractor Performance:

If the ramp could have been constructed to be compliant, but the contractor failed in constructing a compliant ramp.

Submit both the noncompliant form and the corrected compliant form.

This is important project documentation that will need to be retained.



E) MnDOT personnel gave information / guidance that resulted in a noncompliant facility (Plans, Inspection or Surveys).

(1508) Construction Stakes Lines, and Grades

The Department is responsible for the accuracy of lines, slopes, grades, and other Engineering work performed by the department's personnel as specified in this section.

The contractor shall not knowingly take advantage of errors or omissions and shall report any discovered errors or omissions to the Engineer immediately upon discovery.



MNDOT Submittal: Submit form to SharePoint Library

NON MNDOT Submittal:

Email completed checklists to *DOT_ADA Compliance Checklists (or ADAComplianceChecklists.dot@state.mn.us for external users).

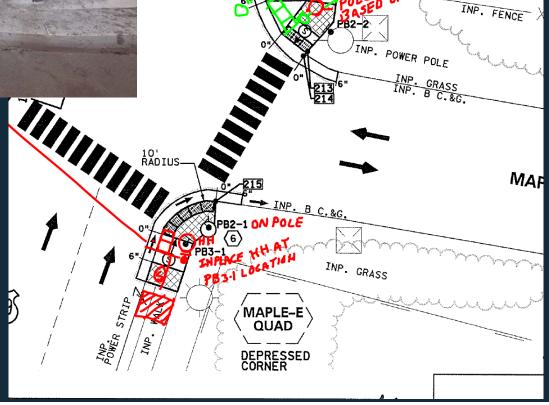


INP. GRASS

ONE DIRECTIONAL



Was the ramp able to be built according to the plan details?





This would include

- Changes to the (S) or (F) values.
- Corrections in noncompliant gutter flow lines not called out in the plans.
- Change in ramp type.
- Changes to the PAR width.
- Modification of the landing dimensions.

This information does not affect compliance.

It will only be used for design improvements in the future.

ADA Project Compliance Submittal



ADA Project Compliance Submittal to be completed by Project Engineer / Supervisor "ON EVERY ADA PROJECT"

*To be completed by the Project Engineer/Supervisor	
SP#:	
Project Engineer/Supervisor:	
Project Chief Inspector:	
Prime Contractor:	
Project Description (Stand alone, Mill and Overlay, Reconstruction, etc)	
MnDOT/Consultant (please state Firm name) Designer of record	
Project Designed by:	
Did Contractor(s) provide a responsible person familiar with PROWAG to be on site d all ADA construction as per Special Provisions 1803? Number of APS Quadrants Number of NON APS Quadrants	urir
Was a portion of any quadrant required to be reconstructed? 🗆 Yes 🗀 No	
How many reconstructions were contractor's responsibility? -	
How many were plan errors?	
Other - Number of NON-COMPLIANT ramps due to:	
Other Number of NON-COMPLIANT ramps due to: Topography Utilities Structure(s)	ms

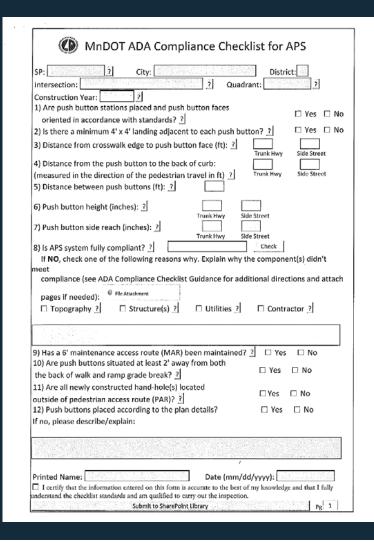
Questions?

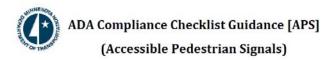






APS Compliance Checklists link to SharePoint and the Guidance is on ADA web site.







<u>All</u> 2014 and future ADA work including carryover projects need to follow this guidance and compliance forms need to be entered electronically.



APPENDIX

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The bubble note in each figure represents the required data on the APS compliance checklist form.

Numbers on figure and on the APS form	DESCRIPTION
1	Push button orientation
2	Push button landing
3	Distance from crosswalk edge
4	Distance from back of curb
5	Distance between push buttons
9	Distance of push button(s) to front and back of landing
10	Maintenance access route (MAR)

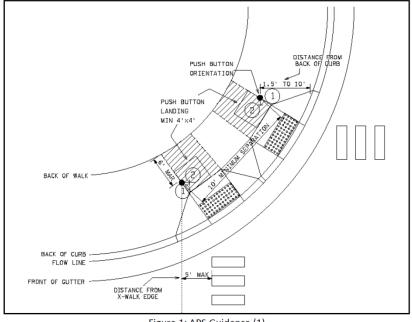


Figure 1: APS Guidance (1)



1) Are push button stations placed and push button faces oriented in accordance with standards?



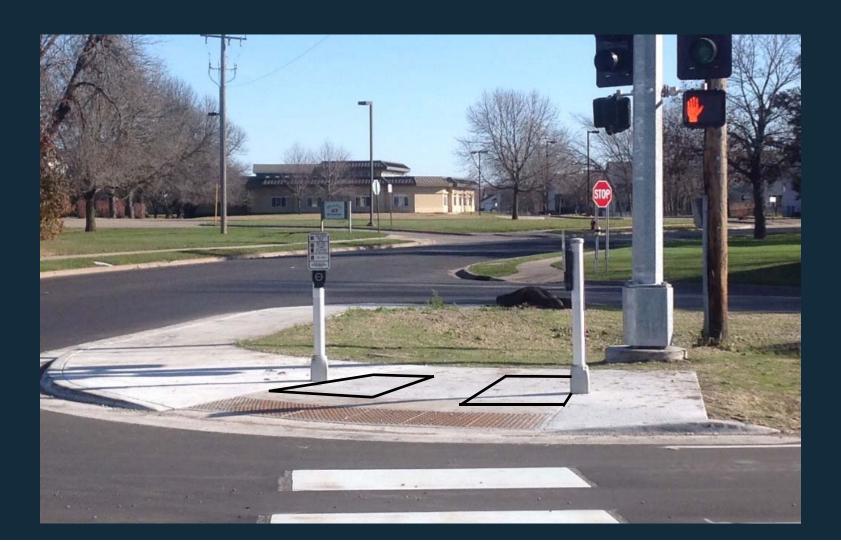


Are push button faces placed parallel to the outside edge of the crosswalk?



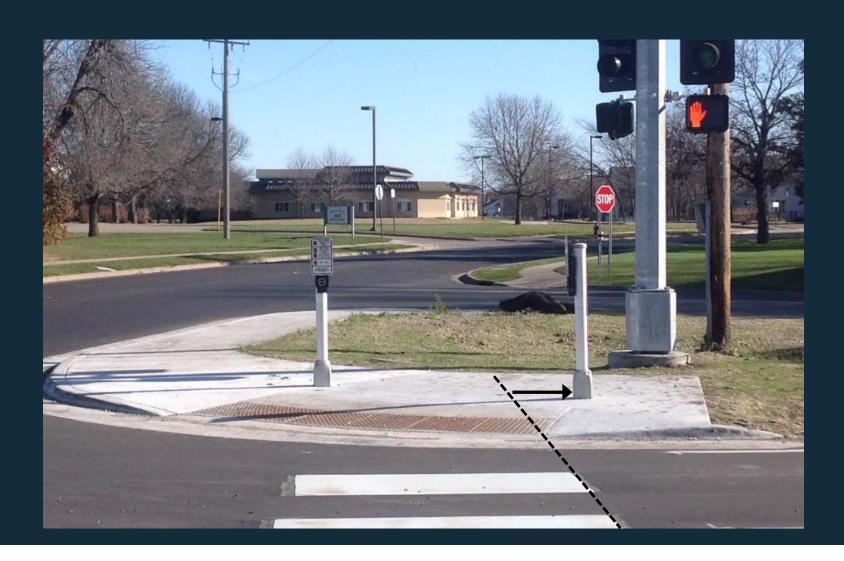


2) Is there a 4'x4' minimum landing adjacent to each push button?



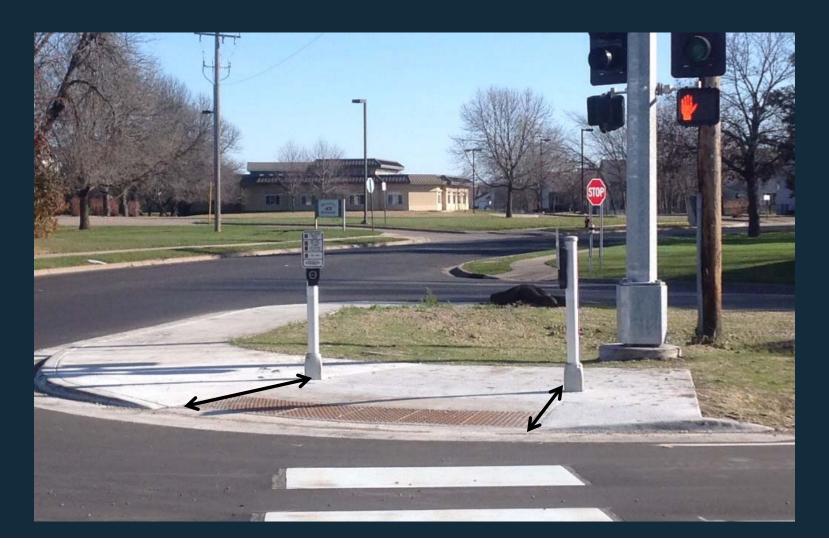


3) Distance from crosswalk edge to push button face (ft):



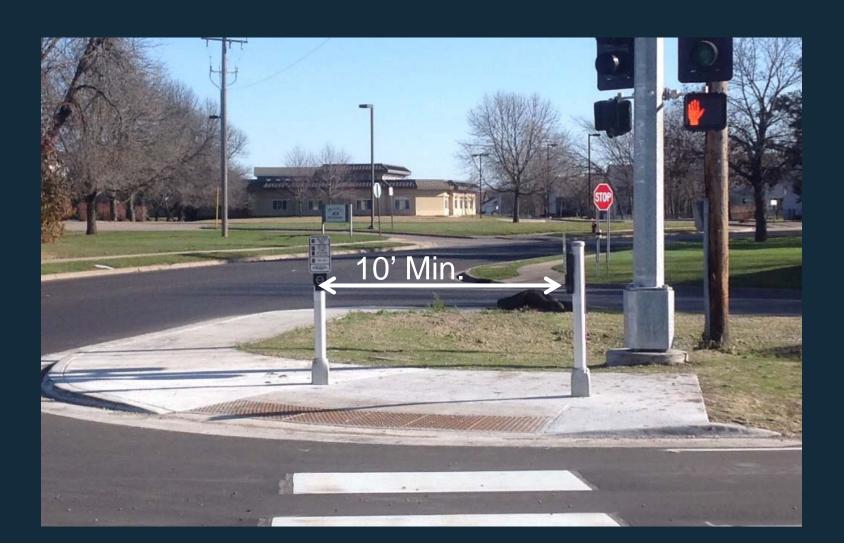


4) Distance from the push button to the back of curb (measured in the direction of pedestrian travel in ft.)





5) Distance between push buttons (ft.) ?





6) Push button height (inches)?





7) Push button side reach (inches).





8) Is APS system fully compliant?

8) Is APS system fully	compliant? 🛭	V	Check	、			
If NO, check one of the following reasons why. Explain why the component(s) didn't meet compliance (see ADA Compliance Checklist Guidance for additional directions and attach							
pages if needed).		15					
Topography	Structure(s)	Utilities	Contractor	■ MnDOT			
				Click here to attach a file			

D) Contractor Performance:

If the ramp could have been constructed to be compliant, but the contractor failed in constructing a compliant ramp.

Submit both the noncompliant form and the corrected compliant form.

This is important project documentation that will need to be retained.



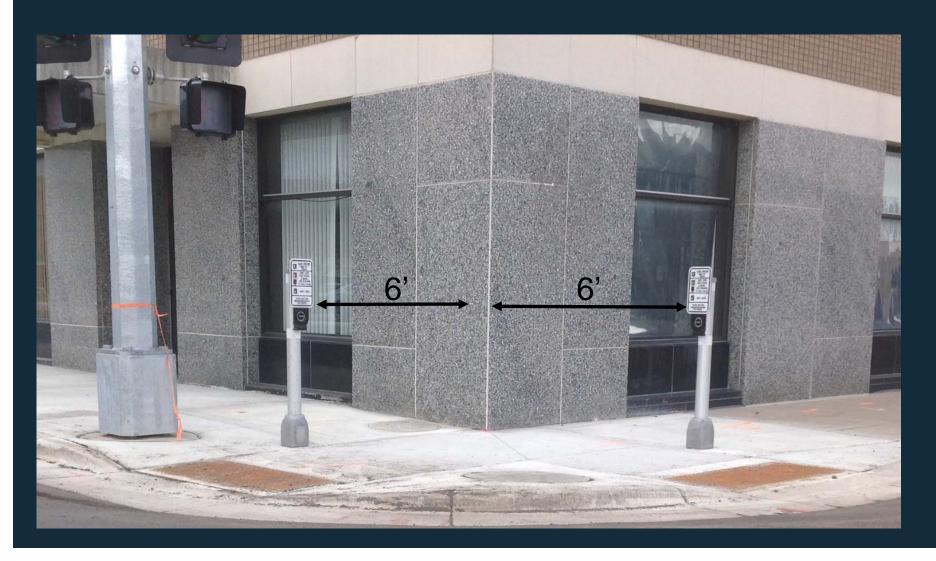
Supplementary Checklist Information to help provide Constructability, Maintainability, and Usability.



Were significant changes required for push buttons during construction to make facility compliant?



9) Has a 6' maintenance access route (MAR) been maintained?





10) Are all push button stations situated at least 2' away from both the back of walk and ramp grade break?





11) Are all newly constructed hand-hole(s) located outside of pedestrian access route (PAR)?





12) Push buttons placed according to the plan details?

Were significant changes required during construction to make facility compliant?





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