

# Curb Ramp Consent Decree Presentation



Seattle Pedestrian Advisory Board  
Mike Shaw, Emily Burns  
November 8, 2017



**Seattle**  
Department of  
Transportation

# Overview



- What is *Reynoldson v. City of Seattle*?
- Spent years negotiating an agreement acceptable to both parties
- We have improved our tools and processes to deliver and track access improvements
- All entities that work in the right-of-way must employ these tools and processes to help us satisfy our obligations under the consent decree

# Terms of the Settlement

- 1,250 curb ramps per year for 18 years
  - Bank (650); Deficit Bank (225)
- Up to 150 Customer Service Request (CSR) ramps
  - Built within twelve months of the request
- Annual Report, including documentation
- Transition Plan
- Staffing requirements

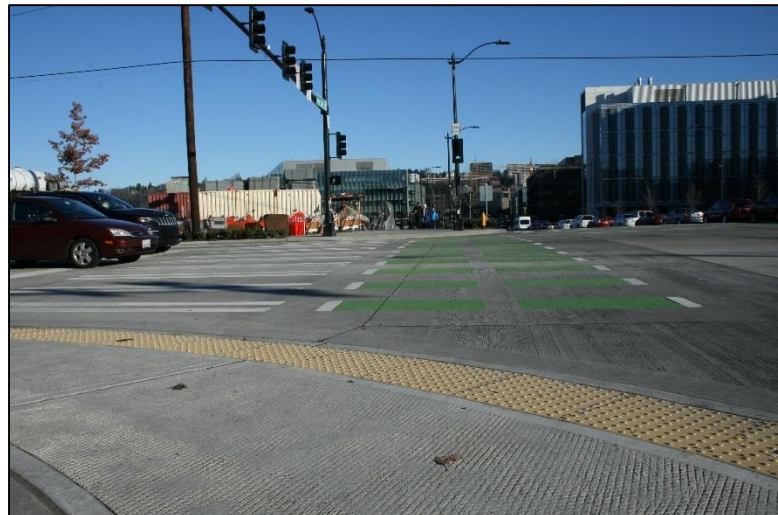
# Improved Efforts

- How we “Count” Curb Ramps
- Standardized Design Guidance
- Curb Ramp Inspections
- Reporting





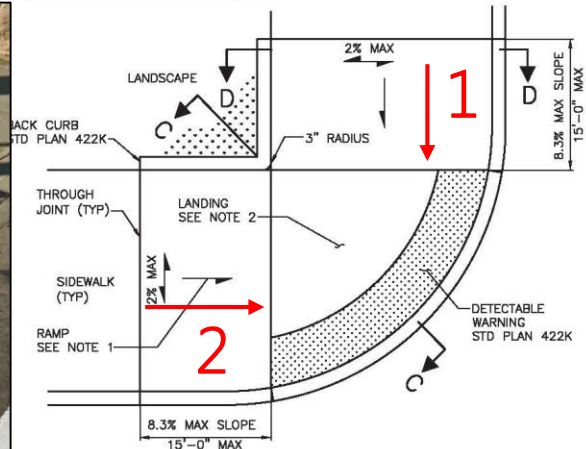
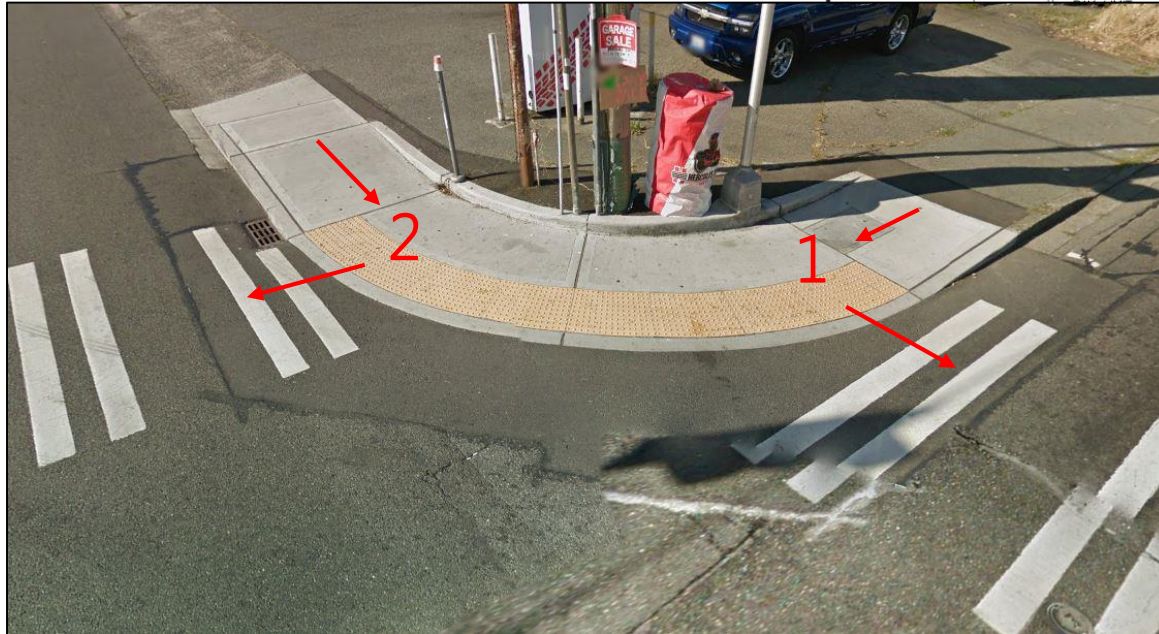
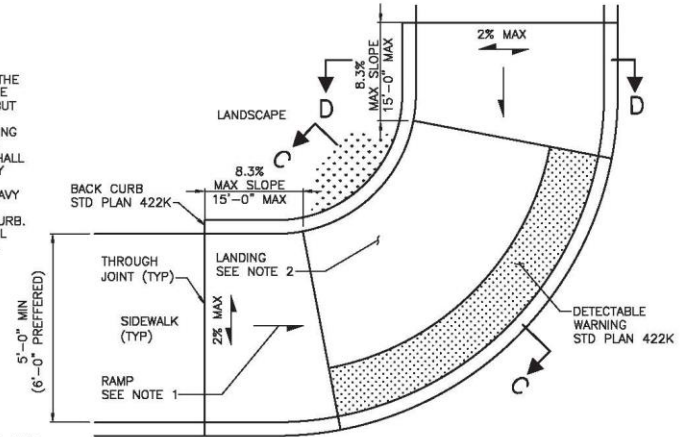
# Curb Ramp Counting





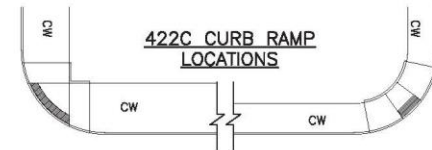
**NOTES:**

1. RAMP CENTERLINE(S) SHALL BE PARALLEL TO THE ALIGNMENT OF THE FACE OF CURB. THE WIDTH OF THE RAMP SHALL BE 5'-0" MINIMUM BUT 8'-0" IS PREFERRED.
2. SHARED LOWER CURB RAMP LANDING SHALL HAVE A MINIMUM WIDTH OF 5'-0". SLOPE OF THE LANDING SHALL BE BETWEEN 0.5% AND 2% IN ANY DIRECTION.
3. RAMP SURFACE SHALL HAVE A HEAVY BROOM BRUSHED SURFACE.
4. REFER TO DETAILS 422K AND 422L FOR GENERAL NOTES AND TYPICAL SECTIONS.



**PARALLEL CURB RAMPS (CORNER)**  
(TYPE 422C)

2% MAX = MAX SLOPE IN EITHER DIRECTION



REF STD SPEC SEC 8-14

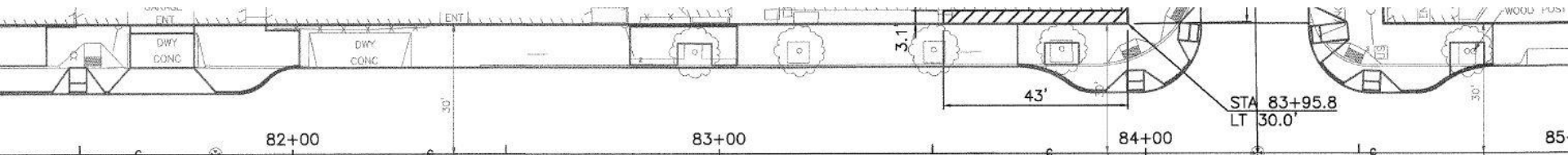


City of Seattle

NOT TO SCALE

CURB RAMP DETAILS

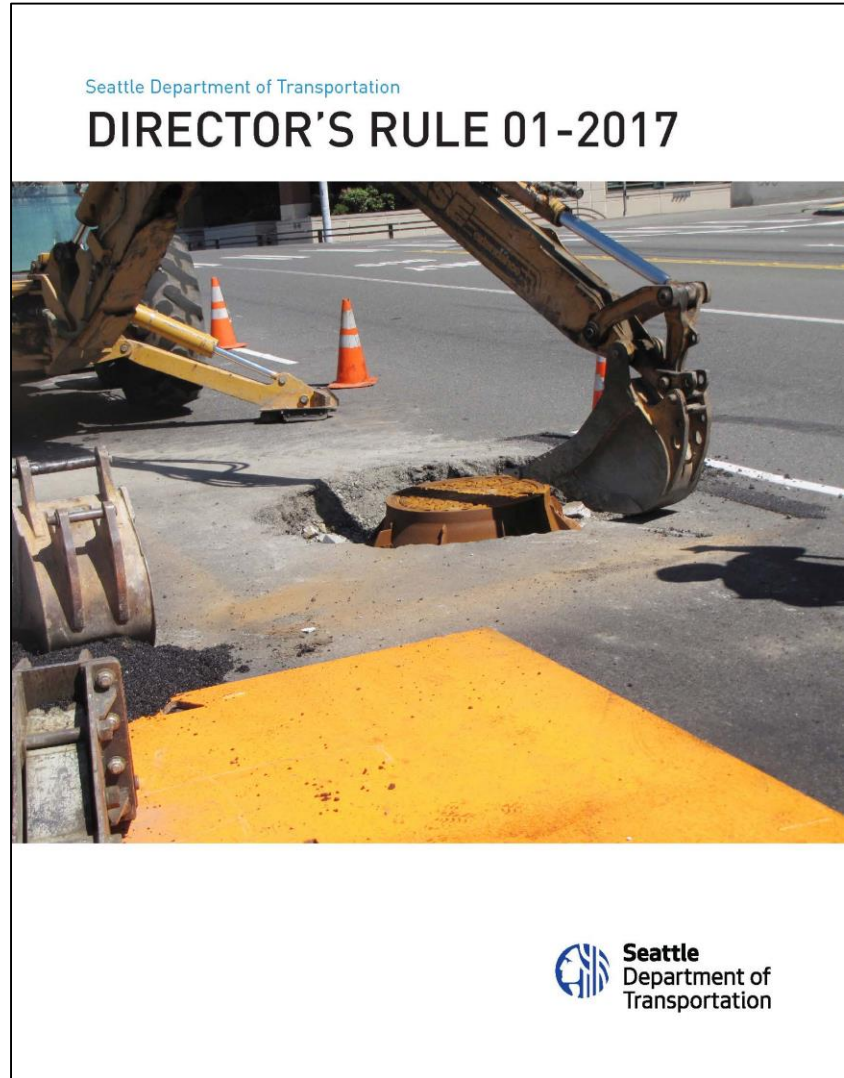
# Standardized Design Guidance



# Right-of-Way Openings and Restoration Rule Updates

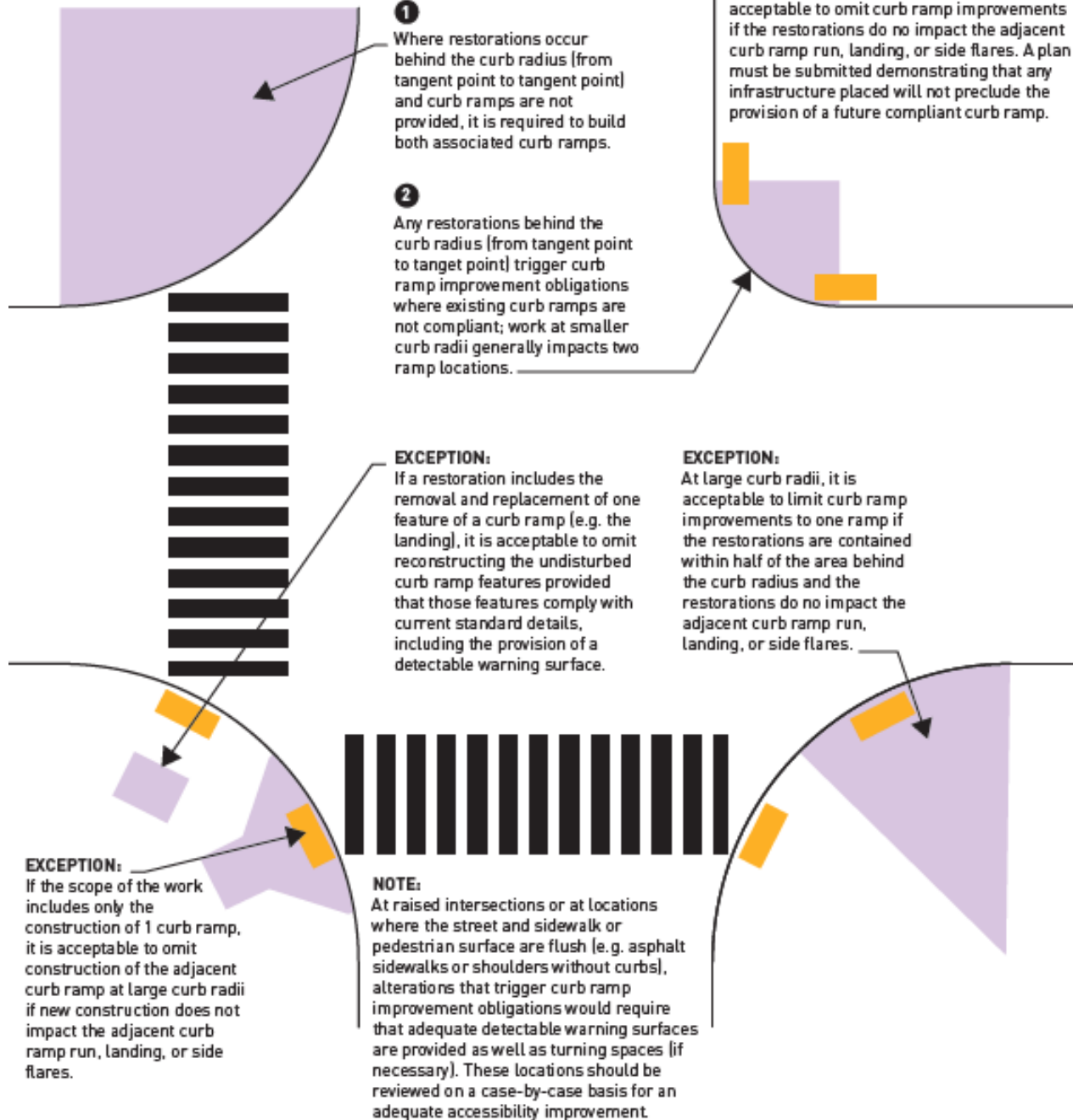
## Goal:

- Clearly define alterations vs. maintenance that trigger curb ramp obligations under the ADA

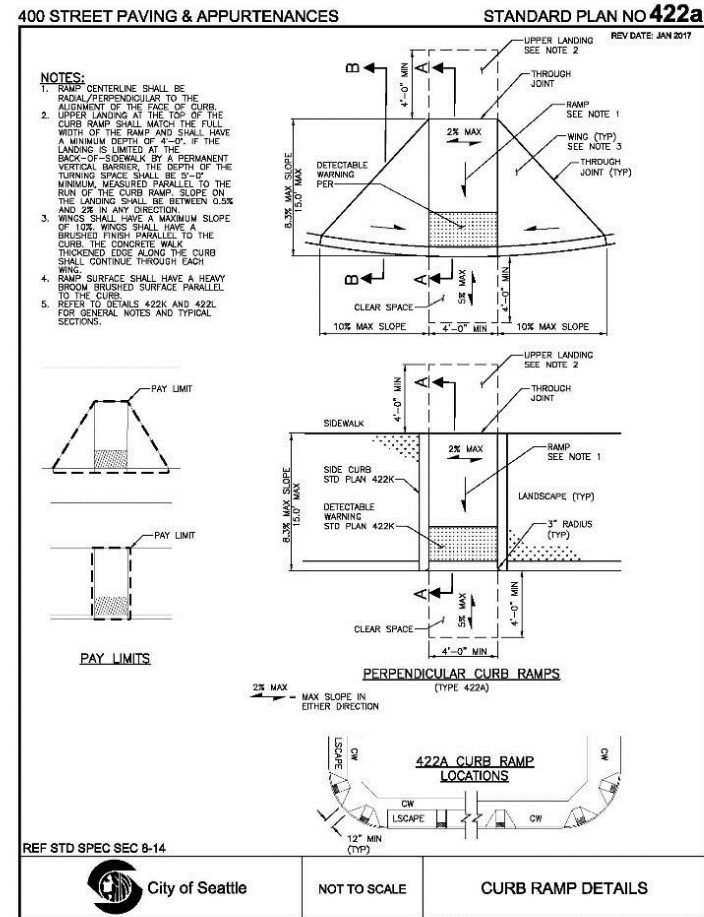
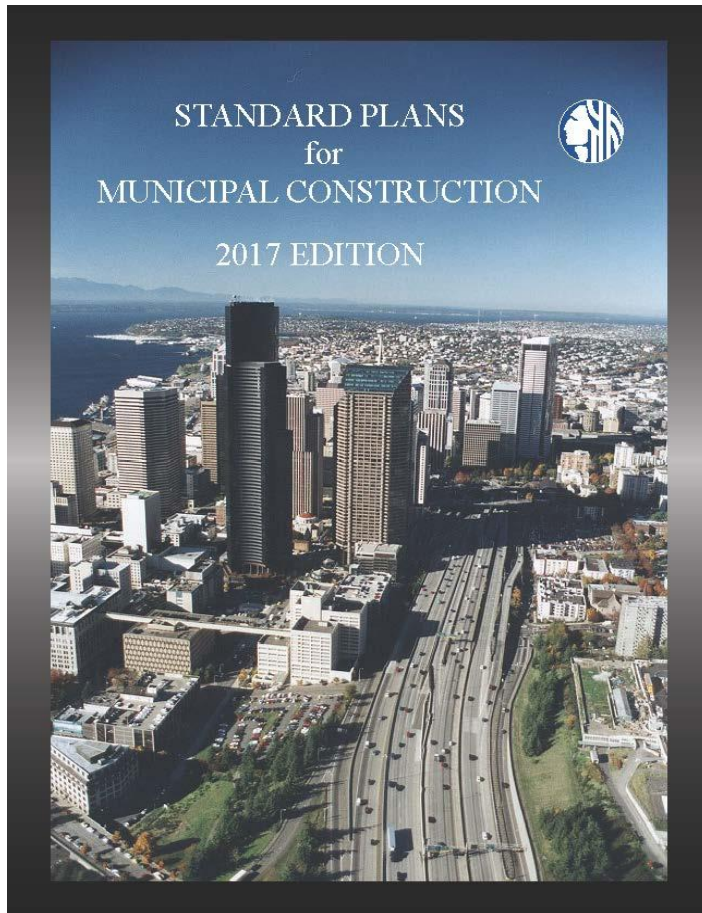




## SIDEWALK CURB RAMP TRIGGERS



# City of Seattle Standard Plans and Specifications



# Other Policies, Procedures

- SDOT ADA Policies and Technical Memos (ADA Committee)
- Curb Ramp Survey Data
- Technical Assistance and Training Opportunities

# Inspection Requirements



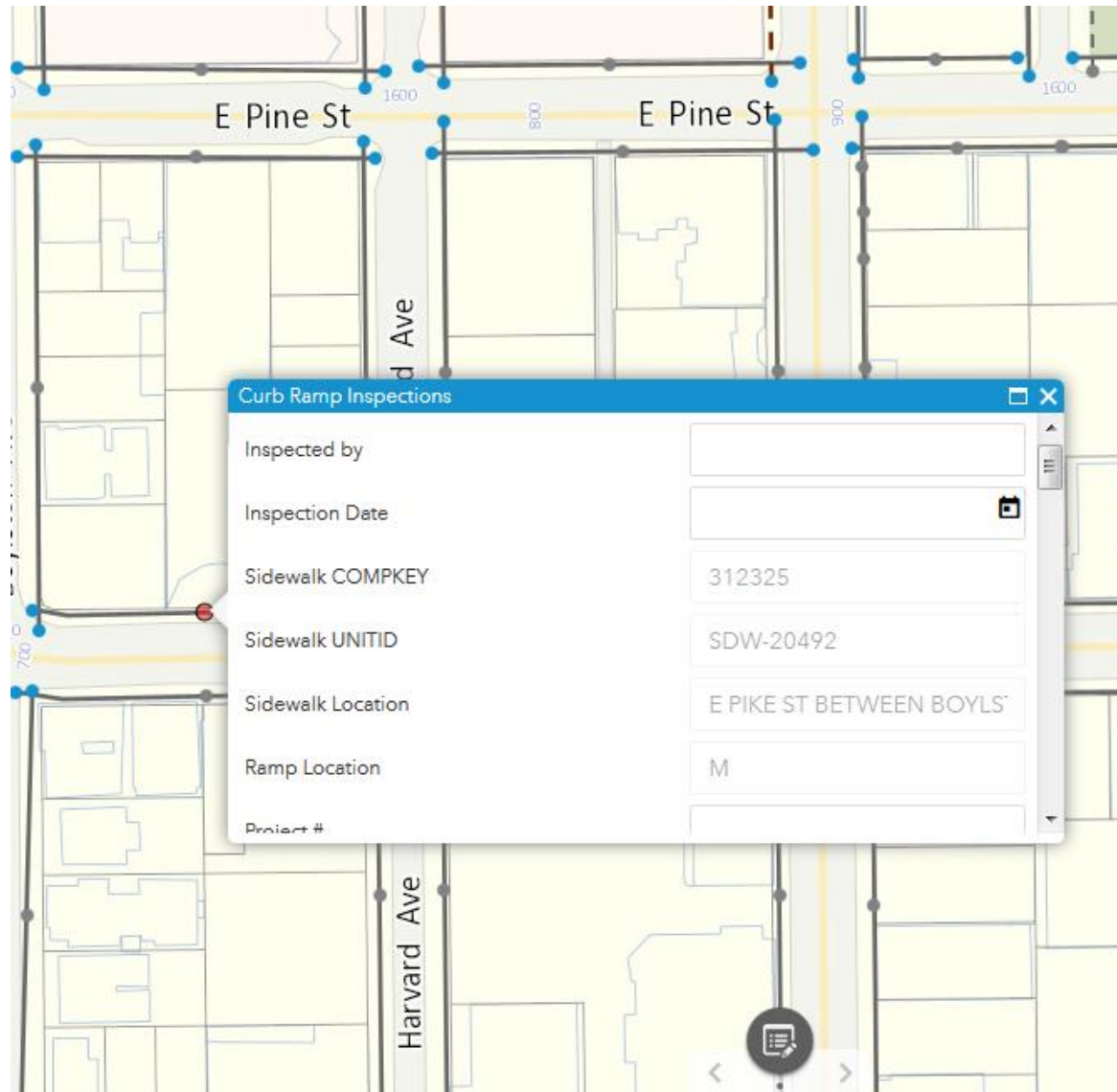


# Curb Ramp Inspection Tool

- The Curb Ramp Inspection App (CRIA) is used to inspect every ramp installed or remediated by SDOT crews, private development, utilities, and capital projects
- CRIA is a GIS Collector application available on mobile devices including tablets and phones



# Curb Ramp Inspection App (CRIA)



# New Curb Ramp Inspection Photos



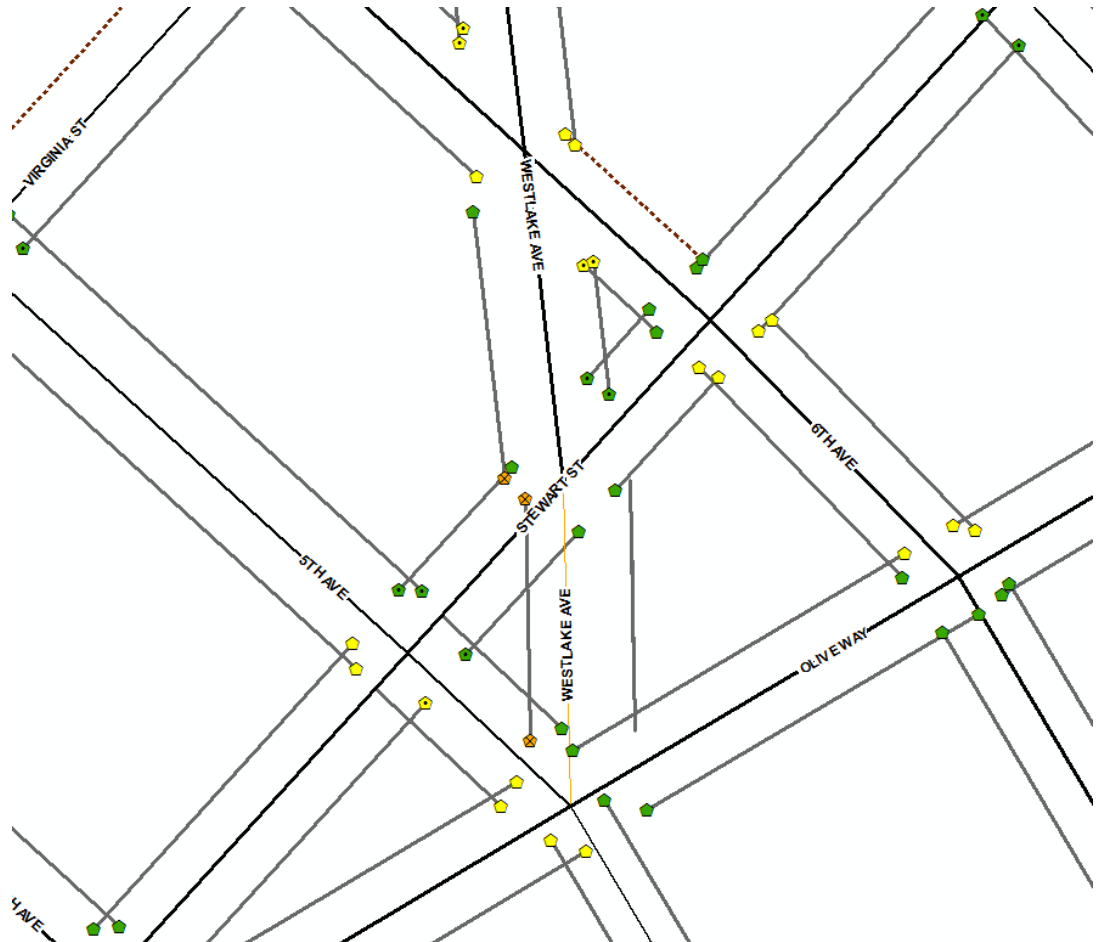
Curb Ramp Context Photo



Curb Ramp Running Slope Photo

# Data Storage

- Hansen is the central data repository for our sidewalk system inventory
- Curb ramps are associated with a sidewalk and are assigned to a high, mid, or low end of a block





# Data Storage

Asset ID\* SDW-387    Comkey 289358    Current Status INSVC

Asset Description  
2ND AVE NE BETWEEN NE 43RD ST AND NE 44TH ST, W SIDE

Location   Structural   Associated   Attachments   Comments   Elements   Associated Assets   Perf Indicators   Log   Life History   **Curb Ramp Info**   Status and

Curb Ramp Information

High Block Ramp Info	Mid Block Ramp Info	Low Block Ramp Info
Current Status: INSVC	Current Status: //	Current Status: INSVC
Current Status Date: 8/24/2015	Current Status Date: //	Current Status Date: 8/24/2015
Category: SINGLE	Category: //	Category: SINGLE
Style: TYPE422A	Style: //	Style: TYPE422A
Ramp Orientation: PERPEND	Ramp Orientation: //	Ramp Orientation: PERPEND
Ramp Width: 49.00 Inches	Ramp Width: 0.00 Inches	Ramp Width: 49.00
<input checked="" type="checkbox"/> Detectable Warnings Exist	<input type="checkbox"/> Detectable Warnings Exist	<input checked="" type="checkbox"/> Detectable Warnings Exist
Detectable Warning Color: YLW	Detectable Warning Color: //	Detectable Warning Color: YLW
Detectable Warning Material: PLASTIC	Detectable Warning Material: //	Detectable Warning Material: PLAS
Detectable Warning Mounting: CASTINPL	Detectable Warning Mounting: //	Detectable Warning Mounting: CAS
<input checked="" type="checkbox"/> MEF	<input type="checkbox"/> MEF	<input checked="" type="checkbox"/> MEF
Direction of Ramp: N	Direction of Ramp: //	Direction of Ramp: S
Install Date: 10/20/2015	Install Date: //	Install Date: 10/20/2015
Installer: SDOTPED	Installer: //	Installer: SDO
Last Asset Verification Date: 8/24/2015	Last Asset Verification Date: //	Last Asset Verification Date: 8/24/2015
Condition: GOOD	Condition: //	Condition: GOO
Condition Assessment Date: 8/24/2015	Condition Assessment Date: //	Condition Assessment Date: 8/24/2015

Asset Type

Asset ID\* SDW-387    Comkey 289358    Current Status INSVC

Asset Description  
2ND AVE NE BETWEEN NE 43RD ST AND NE 44TH ST, W SIDE

Location   Structural   Associated   **Attachments**   Comments   Elements   Associated Assets   Perf Indicators   Log

Attachments(5)

- A1070619132...
- CurbRamp\_SD...387H.JPG
- CurbRamp\_SD...387L.JPG
- CurbRamp\_SD...387\_Insp.PDF
- 790-92\_2014 Citywide Curb...

- We store some curbside ramp attributes in the curbside ramp tab
- We can map and search for curbside ramps based on these attributes
- Most of the ramp warning data, including pictures and inspection sheets, are stored as attachments in the sidewalk asset

# Maps and Planning Tools

- We put planned projects into our databases to show when and where we anticipate ramps are built
- Projects and ramps are displayed on interactive maps
- Report internally on a weekly basis and externally on an annual basis



# Reporting Requirements

- Number Curb ramps installed or remediated (by program), annual projections, upcoming risks, and what we are doing to meet the consent decree
  - Only compliant curb ramps or Maximum Extent Feasible (MEF) curb ramps are accepted
- Customer Service Requests
- Outreach and public participation
- Training efforts
- Inspection reports, data, and maps for further analysis



# Available Web Maps

- SDOT Assets Web Map:

<http://seattlecitygis.maps.arcgis.com/apps/webappviewer/index.html?id=64c1cc5cd4474acc9ee27c48f6a30b0e>

- Seattle Accessible Route Planner:

<http://seattlecitygis.maps.arcgis.com/apps/webappviewer/index.html?id=e67e66e698ab4dde8d026d0174e1f8dc>

# Questions?

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<http://www.seattle.gov/transportation>

