San Francisco
Curb Ramp Program: Annual Prioritization Process

Presented by:
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Curb Ramp Program Manager
Infrastructure Design and Construction Division
October 30, 2018 and
November 9, 2018
Curb Ramp Program

Outline:

- Curb Ramp Program overview
- Work accomplished in the last decade
- How to submit a curb ramp request
- Curb Ramp Annual process: criteria
- Curb Ramp Annual process: GIS mapping examples
- Discussion
Curb Ramp Program overview

San Francisco Curb Ramp Program:

- The program is a CCSF General Fund effort facilitated by Public Works and prioritized by feedback from Mayor's Office on Disability

- Public Works and the Mayor's Office on Disability work together to prioritize curb ramps to be constructed or upgraded each year:
  - Executes the design and construction of curb ramps identified through this prioritization process.
Curb Ramp Program overview, cont.

San Francisco Curb Ramp Program also:

- Manages and executes replacement of deteriorated or damaged detectable dome tiles
- Maintains the database of all ramps and potential ramp locations in the City
- Receives, investigates and responds to all curb ramp requests
Curb Ramp Program overview, cont.

- San Francisco began installing curb ramps in the early 1970s.
- San Francisco Public Works developed the City's first formal Curb Ramp Program in 1989.
- Public Works undertook exhaustive field review of intersections and curb ramps. This review was completed in 2007.
- San Francisco's standards for curb ramps are above and beyond the federal requirements.
Curb Ramp Program overview, cont.

- 9,700 intersections / street segments
- 40,490 potential curb ramp locations
- 31,404 existing curb ramps
- 83% existing ramps have a condition score of 70 or greater (which is our acceptable standard)
- 9,086 potential locations without curb ramps
Curb Ramp Program overview, cont.

A word about our database:

- Public Works developed and maintains a (Geographical Information System) GIS map and database of curb ramp conditions citywide

- The Curb Ramp Information System database is known as CRIS and does the following:
  - identifies all locations where curb ramps do or could exist
  - identifies whether a curb ramp exists at each of those locations
Curb Ramp Program overview, cont.

- CRIS also does the following:
  - tracks the condition of all existing curb ramps (including data on approximately 40 attributes per ramp)
  - tracks curb ramp requests
  - tracks results of curb ramp investigations
Curb Ramp Program overview, cont.

- tracks when work is done and the inspection results of that work
- contains photos of all locations
- the data from CRIS is used to make GIS maps
- CRIS is updated whenever there is new data, often daily
- The data in CRIS is used in the Annual Prioritization Process
Work accomplished in the last decade

New Curb Ramps

- Current goal is 1,300 new curb ramps each year.
- From 2004 - 2017, we installed 21,380 ramps
- In other words, we exceeded the goal by 17% or 3,180 ramps over 14 years
- During the last 7 years we have exceeded our yearly goal for building curb ramps by 45%
### Work accomplished in the last decade, cont.

<table>
<thead>
<tr>
<th></th>
<th>FY2015</th>
<th>FY2016</th>
<th>FY2017</th>
<th>FY2018</th>
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<td>Curb Ramp Program</td>
<td>198</td>
<td>393</td>
<td>274</td>
<td>237</td>
</tr>
</tbody>
</table>

Table shows number of curb ramps built with Curb Ramp direct funding (General Fund, TDA, and Prop K) by the Curb Ramp Program during Fiscal Years: 2015, 2016, 2017 and 2018

- The number of curb ramps reported per year varies as it is dependent on administration of when the construction contract is closed out

- Of the 1,668 curb ramps installed per FY17/18, 14% with funding by the Curb Ramp Program and the remainder by other programs as part of their projects
Work accomplished in the last decade, cont.

<table>
<thead>
<tr>
<th>Other agencies</th>
<th>FY 2015</th>
<th>FY 2016</th>
<th>FY 2017</th>
<th>FY 2018</th>
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<tbody>
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<td>Paving Program</td>
<td>1223</td>
<td>1214</td>
<td>931*</td>
<td>912</td>
</tr>
<tr>
<td>PUC</td>
<td>47</td>
<td>97</td>
<td>138</td>
<td>107</td>
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<tr>
<td>SFMTA</td>
<td>145</td>
<td>114</td>
<td>107</td>
<td>85</td>
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<tr>
<td>Other</td>
<td>135</td>
<td>151</td>
<td>85</td>
<td>327</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>1550</strong></td>
<td><strong>1576</strong></td>
<td><strong>1261</strong></td>
<td><strong>1431</strong></td>
</tr>
</tbody>
</table>

Table shows number of curb ramps built by other Agencies during Fiscal Years: 2015, 2016, 2017 and 2018

*Decrease in 2017 was due to the Paving Program funding's timing so several projects were delayed*
Work accomplished in the last decade, cont.

Tile Replacement Project

- In 2012, the Curb Ramp Program added Tile Replacement to its overall program
- This ongoing project installs and/ or replaces yellow detectible dome tiles and can perform repair on existing curb ramps
- As funding has increased, the number of ramps that have had tiles replaced has increased from 39 in 2014 to 241 in 2017
Work accomplished in the last decade, cont.

Sub-Sidewalk Basement Project

- In 2018, the Curb Ramp Program added Various Locations Curb Ramps and Sub-Sidewalk Basements to its overall program
- This ongoing project installs curb ramps in locations that have sub-sidewalk basements.
- This project is planning to design 10 locations a year that have sub-sidewalk basements. This first year the project plans to start construction at 3 locations
Work accomplished in the last decade, cont.
Work accomplished in the last decade, cont.
How to make a Curb Ramp request

- Within San Francisco, dial 311 to make a request for a curb ramp
- Go to sf311.org to make a request on a computer
- Download SF311 Mobile App for Android or IPhone to make a request from your phone
- Contact the Mayor’s Office on Disability, www.sfgov/mod and select Curb Ramps and Sidewalks, and then click on To File a Curb Ramp request online
How to make a Curb Ramp request, cont.

- Once a request has been received, the location will be inspected.

- The requester will receive a response with the results of inspection - if they leave contact information. If anonymous we are unable to respond.

- The Curb Ramp Program tracks the request.
How to make a Curb Ramp request, cont.

- The request will be included as part of the Prioritization process

- The Curb Ramp Program maintains the database, CRIS, to keep track of all requests and future construction
How the annual prioritization process works

- The Curb Ramp Program continues the City's process, which was started by the 2008 ADA Transition Plan, for curb ramps

- This annual process determines the priority ranking of the curb ramps to be constructed with Program funds
How the annual prioritization process works, cont.

Prioritization Criteria:

- Requests received for curb ramps are mapped in the CRIS database and categorized by disability status of the requester
- Every curb ramp in the City has a condition score in the CRIS database based on the most recent survey and/or inspection, with 1 being the worst and 100 being the best
- The highest initial priority is given to a request received from a person with a disability, where each corner of the intersection in question does not have at least one curb ramp with a condition score of 70 or higher
How the annual prioritization process works, cont.

Prioritization Criteria:

- Requests at intersections that are suspected to have a sub-sidewalk basement at one or more corners are first field confirmed. Preliminary design evaluations are then made to determine whether an alternative solution is achievable without affecting the basement structure. E.g. using a bulb out or a raised crosswalk. If determined that the only feasible solution to building a compliant curb ramp involves alterations to the sub-sidewalk basement, then that location is included in the Sub-sidewalk Basement project list.
How the annual prioritization process works, cont.

Prioritization Criteria:

- All other prioritized requests are listed for each of the 11 supervisorial districts in San Francisco.
How the annual prioritization process works, cont.

GIS mapping:

- The data is mapped by District and preliminary scores are generated for each location.
- An excel spreadsheet is pulled for each District.
- The map location and scores are reviewed by MOD and Public Works to determine whether to place location on Annual Prioritization List and what priority.
- 12-15 locations are selected per District each fiscal year.
- Additionally, geographic equity is reviewed to take into account the various needs of the San Francisco neighborhoods within a District.
How the annual prioritization process works, cont.

- Coordination with other agencies in turn allows the Curb Ramp Program to continue building more locations on the list as the other projects have their own funding sources.
- Additionally, coordination with other Agencies and projects may allow us to further reduce our list.
- Designs are developed for curb ramps to be constructed.
- Design and construction of these locations usually takes 1 or more years.
Map legend: example

Public Request Status (22)

Prioritization Grades
- Curb Ramp Program 300' Buffer
- Not Assigned 300' Buffer
- Other Project 300' Buffer
- Request with Basement Issue
- A+, Not Assigned (2)
- A+, Other (7)
- A+, Curb Ramp Program (3)
- A, Not Assigned (6)
- A, Other (1)
- A, Curb Ramp Program (1)
- B+, Other (1)
- B, Other (1)

Return Condition Score
- 76 - 100
- 70 - 75
- 60 - 69
- 1 - 59
- No Ped Crossing, No Ramp
- Ped Crossing, No Ramp

Transit Stations
- MUNI Stop
- MUNI Stop Servicing SFPL or Health Facility
- MUNI Key Stop
- Train Station
- Ferry Terminal
- BART Station

Facilities
- Library
- Cultural Center
- Police Station
- SRO
- Mental Health Facility
- Hospital or Medical Facility
- Public Schools

Paving Schedule
- July 2018 - October 2020
- November 2020 - June 2022

Streetcape Schedule
- FY's 17-18 thru 18-19
- FY 19-20

Other
- High Injury Network
- High Injury Ped Volume
- High Injury Intersection
- Sub-Sidewalk Basement
- City - leased Properties
- City (RED) - Owned Properties
- Commercial Zone
- Park
- Water
District 4 map: example

District 4: Curb Ramp Requests by Intersection for Curb Ramp Program FY 18 - 19

[Map showing curb ramp requests by intersection]
District 4 map close-up: example
## Map list by District: example

<table>
<thead>
<tr>
<th>District</th>
<th>Location</th>
<th>CNN</th>
<th>Priority Grade</th>
<th>Notes</th>
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<tbody>
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<td>22nd Ave and Judah St</td>
<td>27411000</td>
<td>A+</td>
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<tr>
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### District Summary

- **Other**: 10
- **CR Program**: 4
- **Not Assigned**: 3

### Priority Grade Distribution

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<thead>
<tr>
<th></th>
<th>A+</th>
<th>A</th>
<th>B+</th>
<th>B</th>
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</tbody>
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Total: 12, 8, 1, 1, 0
Any:

Questions?

Suggestions?

Other ideas?

Topics of interest?
Point-of-Contact

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Note: The data presented is as of 10/25, 2018