



ADA Program Project Delivery Town Hall Meetings – Consultants



July 2023



ADA Delivery Program Town Hall – Objectives & Agenda

- Recap the challenge & opportunity driving ADA Program
- Summary of the new structure and roles
- Review of the Delivery Center function and delivery approach
- *Your questions!*

Please use LINK in the chat to let us know who you are!

ADA Fact Sheet

| | |
|---|---------------|
| 2022 curb ramps via the annual report. | 6,176 |
| Inspection forms in 2022 and not processed to show. | 823 |
| Total ramps with inspection forms received by Dec. 2022. | 6,999 |
| Inspection forms received from Jan. 2023 – March 15, 2023. | 620 |
| Best ramp count today based on inspection forms received. | 7,519 |
| | |
| Our number based on inspection forms. | 7,519 |
| ADA settlement ramps in construction (unpaid bid items) | 1,500 |
| ADA ramps programmed (includes draft 2024-2027 STIP) | 12,295 |
| Total completed and programmed. | 21,314 |

Note: The 1,500 settlement ramps are part of 1,859 total ramps remaining to be paid to our existing construction contractors as bid items as of May 1.



ADA Curb Ramp Delivery

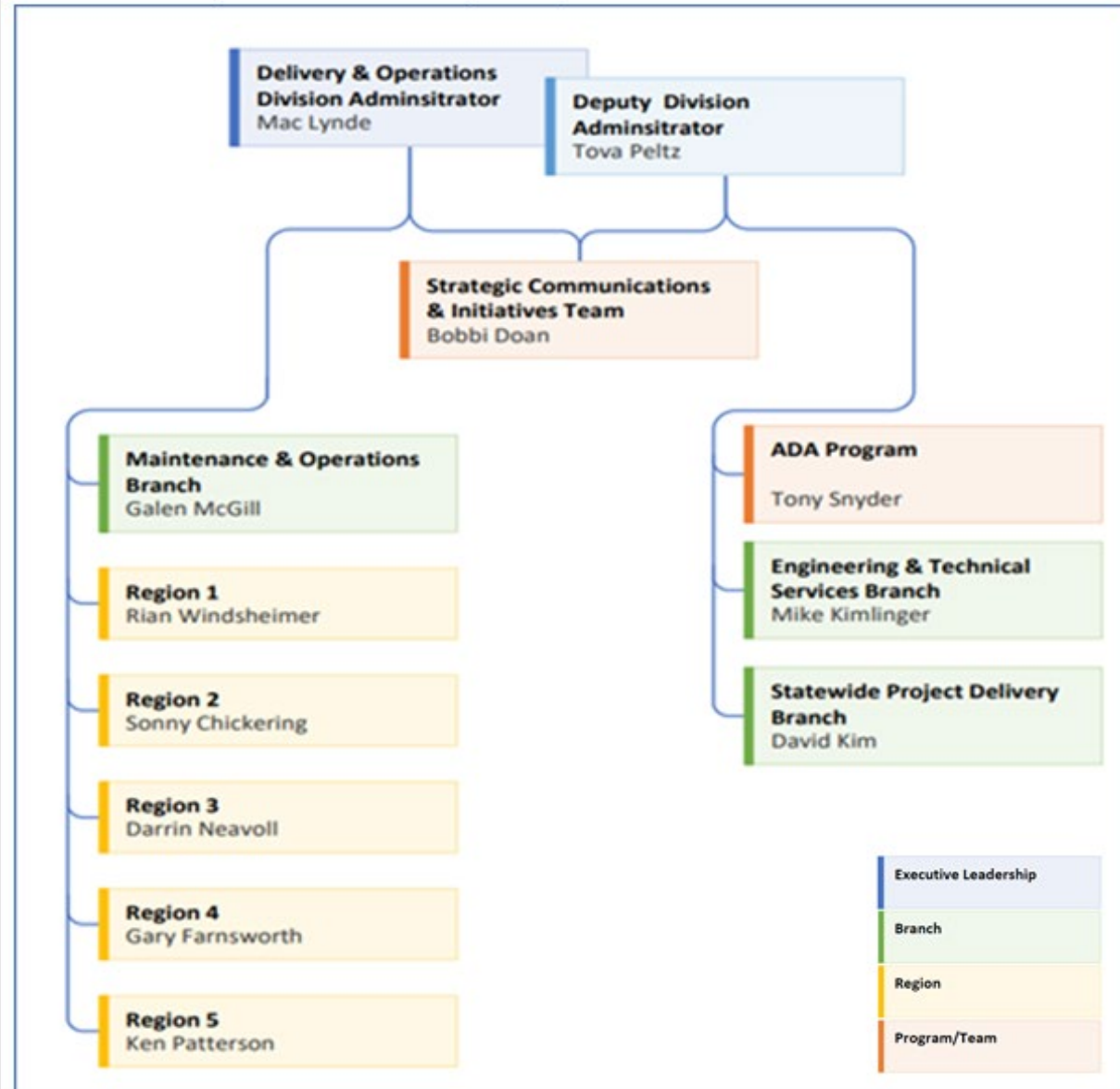
We need another 13,000 ramps (by Dec. 31, 2027) which is almost double the ramp production that ODOT has done so far.

How do we get there?

- Start with ADA only STIP projects (2600 ramps per year around 13k in 5 years.)
- Next there are several region STIP projects that have ADA ramps. ADA program is funding ramps on several region projects (200-400 ramps per year.)
- We hired an Owners Rep and they will help us implement a Design Build pathway to provide additional ramps (eventually another 1000 per year.)

Changes in the Delivery & Operation Division

Effective today – June 1 – the reporting structure is as follows:



- The ADA Program is a part of the Delivery and Operations Division.
- The ADA Program now reports to Tova Peltz, Deputy Division administrator.
- Tova has the same authority and approval level as Mac Lynde.

ADA Delivery Program Structure

Tony Snyder
ADA Program Director

Melissa Sutkowski
ADA Center: Delivery

- Project Management, AE Design Contracts and Construction (RE-CPs)
- Survey descriptions
- ROW (Via TLC)
- Historic, Archeology, and Environmental Clearances (Via TLC)
- Permitted ramps and those via development or agreement
- Design and Construction claims
- ADA project portfolio

Jenn Cline
ADA Center: Standards

- Review of plans/specs/bid packages developed by AE firms or in-house for ADA (only) projects
- PS&E package sign-off and submittal
- Tech Center duties: Traffic, TPAR, Pavements, Rail, Crosswalk closures, Bridge, Hydraulics, Signals, Cost estimating, Geo (walls & foundations), and Constructability
- ADA standards
- Design exceptions

(Required and vacant)
ADA Data & Admin

- ADA consultant (Cole)
- Admin support
- Finance/Budget
- Contracting with OPO for AE services
- Purchase agreements
- GIS and project ramp data
- DOJ/OPO/OCR
- Communications
- STIP coordinator
- IS/IT
- Invoicing

ADA Evolution – Now & Future

Interim Hybrid Structure: *2023 – 2024 (dates TBD)*

- Delivery through ADA Program Delivery Center.
- ADA Delivery Center with ODOT staff, from other ODOT branches/regions
- Outsourced A+E design and CA/CEI.
- ADA Program Delivery Center for Design Exceptions, ADA Standards.
- Region liaisons for local coordination and risk-management.



Owner's Rep Structure: *2024 through 2032*

- Delivery through ADA Program Delivery Center.
- ADA Program staffed by combination of Owner's Rep and ODOT resources.
- Owner's Rep provides technical and program management resources.
- ADA Delivery Center for strategic oversight, Design Exceptions, ADA Standards.
- Region liaisons for local coordination and risk-management.



What about the Owner's Rep?

The ADA Delivery Program has selected an Owners Rep: Jacobs

- We are working to get them under a contract.

Elements of the Program for the Owners Rep

- Partnering with the program to develop a plan for the next transition.
- Resourcing as needed for Construction Management.
- **In 2024, assume the role of the ADA Tech Center** replacing a portion of the existing ODOT staff.
- **Exploring Design Build** scenarios: an optimistic goal of 2025: realistically starting ramp work in 2026 is more likely. Either way DB will add to the ramp total for the 2027 target.

ADA Program Project RFP Schedule

| Region | City | # Ramps* | Tier | Post RFP** | RFP Close** | ITA Issued** |
|---|--|----------|---------|------------|-------------|--------------|
| R1 | Region 1 (Various) | 2760*** | B | 5/1/2023 | closed | DEA |
| R2 | Mt. Angel | 62 | A | 5/1/2023 | closed | Kittleson |
| R5 | Pendleton/Richland/Halfway/North Powder/Haines/Sumpter/LaGrande | 925 | B | 5/30/2023 | closed | Conсор |
| R3D7 | Myrtle Point/ Bandon/ Reedsport/ Gold Beach | 271 | B | 7/12/2023 | 7/26/2023 | 8/9/2023 |
| R3D7 | Roseburg | 202 | B | 7/27/2023 | 8/10/2023 | 8/24/2023 |
| R2 | Banks | 29 | A | 8/11/2023 | 8/25/2023 | 9/8/2023 |
| R2 | Cottage Grove; Salem; Independence; Monmouth; Newberg; Astoria; Springfield/ Corvallis | 2824**** | B | TBD | TBD | TBD |
| R2 | Amity | 97 | Overlap | TBD | TBD | TBD |
| R2 | Corvallis/Philomath | 45 | A | TBD | TBD | TBD |
| R3D7 | Brookings | 216 | B | 8/25/2023 | 9/8/2023 | 9/22/2023 |
| R3D8 | Jacksonville | 53 | A | 8/25/2023 | 9/8/2023 | 9/22/2023 |
| R3D8 | Talent/Ashland/White City/Eagle Point/Shady Cove | 88 | Overlap | 9/25/2023 | 10/9/2023 | 10/24/2023 |
| * Approximate | | | | | | |
| ** Assuming new PAs executed 5/1. Timeframes are estimates and will be adjusted as necessary. | | | | | | |
| *** Expect a minimum of 2-3 small contract carve outs | | | | | | |
| **** Under consideration for Design-Build | | | | | | |



ADA Delivery Program: Scope for the ADA Funds

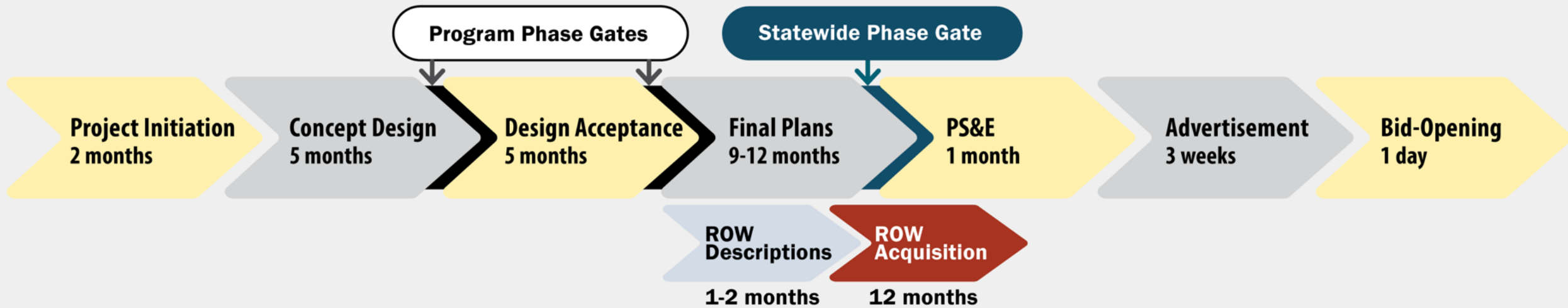
IN

Curb ramp-only replacement/repair
Related crosswalk closures
Ped signals (after scoping)

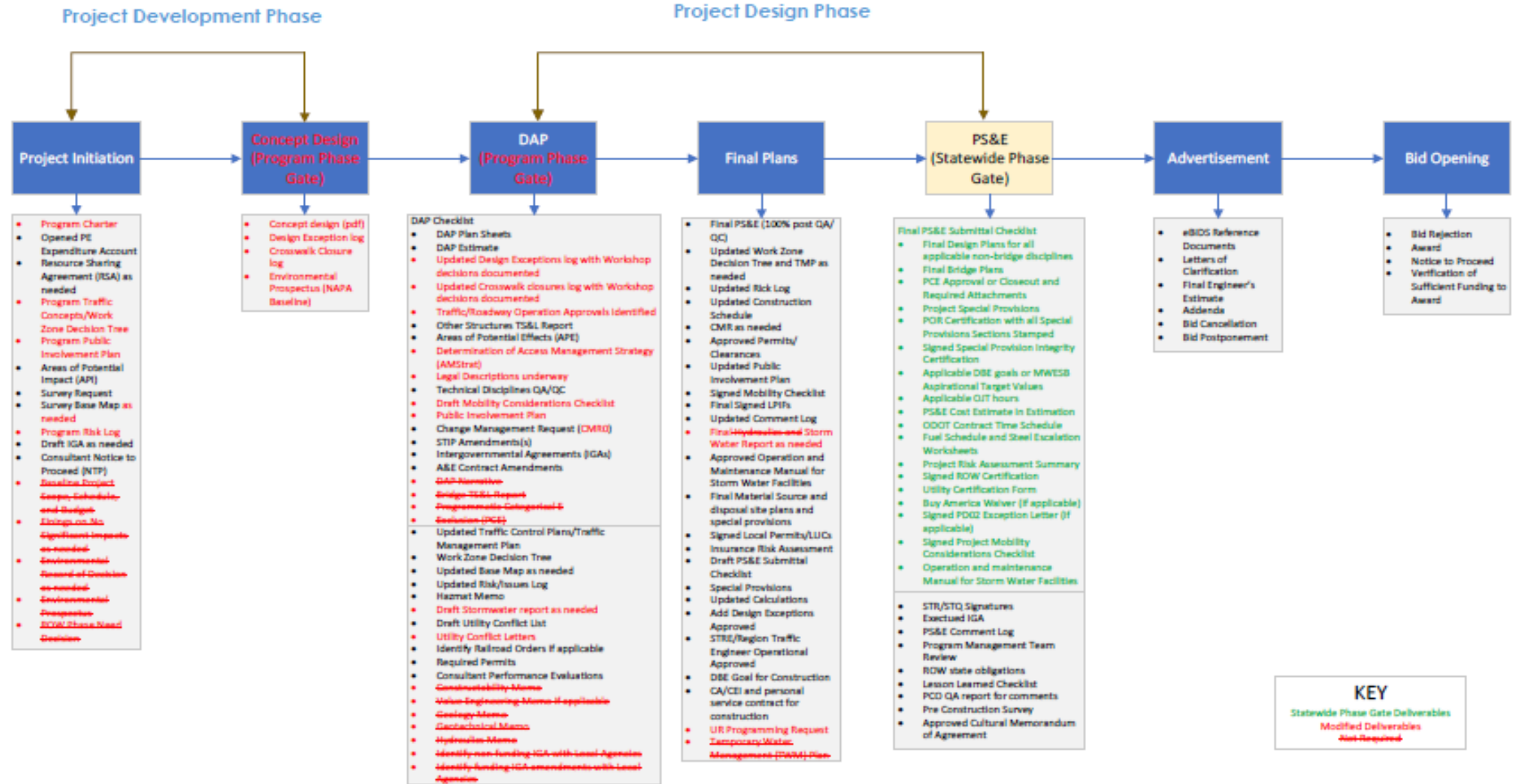
OUT

Improvements beyond curb ramp footprint (e.g. sidewalk repair)
Curb ramps included in "regular" STIP projects
Permitted ramps
Ramps by developers or cities

Standard ADA Design Delivery



Milestone Deliverables for ADA Program Projects





Project Delivery Guidance

[Oregon Department of Transportation :](#)
[Home : State of Oregon](#)

- Programs
 - ADA Curb Ramp Program
 - Delivering ADA Program Projects



ADA Program – Scope of Work

- ADA Inventory – Settlement vs. non-settlement curb ramps
- The ADA Program scope of work follows Tech Bulletin RD21-04(B)

Purpose - This technical services bulletin establishes design standards and requirements for curb ramp projects funded by the ADA program for construction years 2021, 2022, 2023 and 2024.

2. Non-ADA Features and Installations - When curb ramp retrofit projects impact other features like, but not limited to, signal installations, signs, or driveways, the features will be restored to the condition and function they were before the project. Non-ADA features will not be brought to current standards nor their functionality enhanced. Access management for driveways is not required.



ADA Program Milestone Overview

- Intent of each Milestone
 - **Concept Design** – Conduct high level survey to gather information to determine curb ramp design layout, needs status, potential design exceptions or crosswalk closures and potential right of way or environmental impacts.
 - **DAP Review Milestone** – For review; refine concept design to determine curb ramp footprint and potential TPAR impacts to right of way or environmental. Other impacts should be identified for utilities, stormwater and traffic items as well.
 - **Final Review Milestone** – For review; finalize all plans, specifications and estimates, including provide approvals for design exceptions, traffic and specifications.

Still to Come for the ADA Program

- Milestone checklists
 - DAP Review checklist
 - Final Plans Review checklist
 - Design exceptions submitted 1 month prior
 - Specifications submitted 1 month prior
- Concept design and DAP construction sheet examples

ODOT ADA Program

DAP DESIGN REVIEW ACCEPTANCE – Minimum & Conditional Requirements Checklist

This checklist is provided as a guide for designers working on ADA Program curb ramp projects. Spaces in white are for designer use. The goal of the DAP Design Review is to identify the foot print of the project to assess and reduce risk to Right of Way, Environmental and other critical path items.

| Deliverable | Instructions/Clarification | Consultant Notes | Complete? |
|---|---|------------------|-----------|
| 1. DAP Plan Sheets (Format: PDF, If requested – KMZ) 2D Design. Minimum scale 1:20 <i>Plan sheets listed below are to be provided at a minimum, when applicable. Further reduced plan sheet packages must be approved by ADA Design Center Manager prior to DAP review. Refer to appropriate ODOT CAD manuals for drafting specifics, standard drawings and standard details. To be reviewed by ADA Reviewer, Hydro, Traffic, Utilities, Rail, Right of Way, Enviro/Cultural, Bridge, Geo, Survey</i> | | | |
| Title sheet and A series sheet | | | |
| Detail & Curb ramp details sheets | | | |
| General construction and note sheets. Include the following: | Include existing and proposed Right of Way. | | |
| - Roadway | | | |
| - Drainage | | | |
| - Utilities | | | |
| - Signing plan | | | |
| - Erosion control | | | |
| - Pavement marking | | | |
| - Illumination and signal loops | | | |
| Pipe data sheet | If applicable. | | |
| Temporary pedestrian access routes (TPAR) sheets | Include any existing or proposed <u>easements</u> . | | |
| Traffic control plan and detail sheets | If applicable. | | |
| Signal plan | If applicable. Include plan sheets and details | | |

ADA Program – Concept Design Requirements Checklist – Rev 05.08.23

1

In the Future for the ADA Program

- Stormwater assessment updates for ADA
 - Tiered risk approach
 - Additional guidance to assist with assess ponding
 - Using CFS threshold in the charts
 - Stormwater Memo for high-risk locations

| | | | | Perpendicular Curb Ramp Channel Analysis | | | | | | |
|-------|--------------------|------------|------------|--|---------|---------|---------|---------|---------|---------|
| | | | | CFS | | | | | | |
| | | | | 0.10 | 0.20 | 0.30 | 0.40 | 0.50 | 1.00 | 1.50 |
| n | Longitudinal Slope | Ramp Slope | Curb Slope | Depth (in) | | | | | | |
| | | | | Top Width (ft) | | | | | | |
| 0.015 | 1% | 7.5% | 4.0% | 0.84 in | 1.09 in | 1.27 in | 1.42 in | 1.54 in | 1.99 in | 2.33 in |
| | | | | 2.7 ft | 3.5 ft | 4.1 ft | 4.5 ft | 4.9 ft | 6.4 ft | 7.4 ft |
| 0.015 | 2% | 7.5% | 4.0% | 0.75 in | 0.96 in | 1.12 in | 1.25 in | 1.36 in | 1.75 in | 2.04 in |
| | | | | 2.4 ft | 3.1 ft | 3.6 ft | 4.0 ft | 4.3 ft | 5.6 ft | 6.5 ft |
| 0.015 | 3% | 7.5% | 4.0% | 0.69 in | 0.89 in | 1.03 in | 1.15 in | 1.25 in | 1.62 in | 1.90 in |
| | | | | 2.2 ft | 2.8 ft | 3.3 ft | 3.7 ft | 4.0 ft | 5.2 ft | 6.0 ft |
| 0.015 | 4% | 7.5% | 4.0% | 0.65 in | 0.84 in | 0.98 in | 1.09 in | 1.19 in | 1.54 in | 1.79 in |
| | | | | 2.1 ft | 2.7 ft | 3.1 ft | 3.5 ft | 3.8 ft | 4.9 ft | 5.7 ft |

| | | | | Parallel Curb Ramp Channel Analysis | | | | | | |
|-------|--------------------|------------|------------|-------------------------------------|---------|---------|---------|---------|---------|---------|
| | | | | CFS | | | | | | |
| | | | | 0.10 | 0.20 | 0.30 | 0.40 | 0.50 | 1.00 | 1.50 |
| n | Longitudinal Slope | Ramp Slope | Curb Slope | Depth (in) | | | | | | |
| | | | | Top Width (ft) | | | | | | |
| 0.015 | 1% | 1.5% | 4.0% | 0.61 in | 0.79 in | 0.91 in | 1.02 in | 1.10 in | 1.44 in | 1.68 in |
| | | | | 4.6 ft | 6.0 ft | 7.0 ft | 7.8 ft | 8.5 ft | 11.0 ft | 12.8 ft |
| 0.015 | 2% | 1.5% | 4.0% | 0.53 in | 0.70 in | 0.80 in | 0.90 in | 0.97 in | 1.26 in | 1.48 in |
| | | | | 4.1 ft | 5.3 ft | 6.1 ft | 6.9 ft | 7.4 ft | 9.7 ft | 11.2 ft |
| 0.015 | 3% | 1.5% | 4.0% | 0.49 in | 0.64 in | 0.75 in | 0.83 in | 0.90 in | 1.18 in | 1.37 in |
| | | | | 3.8 ft | 4.9 ft | 5.7 ft | 6.4 ft | 6.9 ft | 8.9 ft | 10.4 ft |
| 0.015 | 4% | 1.5% | 4.0% | 0.47 in | 0.61 in | 0.71 in | 0.79 in | 0.85 in | 1.10 in | 1.30 in |
| | | | | 3.6 ft | 4.6 ft | 5.4 ft | 6.0 ft | 6.5 ft | 8.5 ft | 9.9 ft |



Still to Come for ADA (all ODOT projects)

- DE template language/examples available in ProjectWise to come
 - Will start to make these available over the next 6 months
- Curb Ramp Inspection Training CRIT 2024 – Introducing two tracks
 - New certification still available
 - Re-certification for those with an active certification in the last 24 months – reduced version
- Design Exception Form User Guide – Updated online version – Now live in Workday Learning!!
- HDM Updates to come for Section 800 by September 2023, effective Jan. 1.
 - 802.5 – Closure Treatments
 - 802.6 – Ramp Needs Status & Form
 - 821 - Tactile Walking Surface Indicators
 - Minor ADA design criteria updates – new codes
 - Updating ADA Curb Ramp Design Checklist and ADA Curb Ramp Design Exception Request Form
- Roadway CADD manual updates to come

Change Risk Analysis Framework – Continuous Improvement

- Focus on not increasing **Critical Risk**

- Reduce length of delivery time
- Reduce effort
- Reduce cost

| ADA CHANGE RISK ANALYSIS | | Requestor/Author _____ | Date _____ |
|---|--|------------------------|------------|
| Proposed Change (Describe the change you would like to make) | | | |
| Anticipated Process Savings Which of the following do you think will be achieved by making this change and why/how?: | | | |
| <input type="checkbox"/> <u>Reduced Length</u> of Time to Delivery | | | |
| <input type="checkbox"/> Reduced amount of project delivery resources (ODOT and/or Consultant staff) <u>needed</u> | | | |
| <input type="checkbox"/> Overall Reduced cost per ramp | | | |
| Critical Risks If one or more reductions listed above are anticipated; evaluate your proposal against each of the following criteria for establishing whether the change would add/create critical risk. | | | |
| <i>NOTE: Projects always carry minor risk and errors happen. Critical risk is about things that could have lasting consequences beyond the project: loss of OTC/legislative/community support; loss of access to FHWA funding; increase in accidents with potential serious bodily harm; loss of ability to operate/maintain an intersection/way as expected; noncompliance with the Settlement Agreement; violation of state/federal laws.</i> | | | |
| How will the proposed change avoid creating or adding critical risk for: | | | |
| 1. Compliance with the Settlement Agreement | | | |
| 2. External (outside ODOT) Political potential | | | |
| 3. Potential for serious accidents | | | |
| 4. Violation of Federal/State regulations | | | |
| 5. Operational Impacts (including long-term) | | | |

Discussion Time





Question: When will ADA be “done”?

If you think you have the answer, enter in chat
(:30 sec time limit)

Correct Answer:

Never!

Each updated ramp will become part of our asset base—and will require ongoing evaluation and maintenance.

As the system changes, new needs will arise requiring updates and changes.

Curb ramps are important—but only one element of the overall accessibility needs of our customers.