

Mobility

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Topics Covered

Mobility Program

1. Introduction

- About our program & the Mobility Advisory Committee

2. Interaction & Timelines

3. Major Deliverables

- What we need from you.
- What you need from us.

4. Fatal Flaws

5. Resources





Mobility Program

Introduction

Program Manager: Christy Jordan			
Operations Coordinator Katie Scott	Program Analysts Manny Boswell & One Vacant Position	Program Specialists Yvonne Wolf & Kyle Knuth	Training Coordinator Bill Gross



1

The Mobility Program is part of the Motor Carrier Transportation Division, and our unit consists of 7 full-time staff:

- Christy Jordan is our program manager.
- Our operations coordinator is Katie Scott, who oversees our day-to-day work.
- We have two program analysts: Manny Boswell (and a vacant position). The analysts review and track projects for mobility impacts and stakeholder engagement.
- We have two program specialists: Yvonne Wolf and Kyle Knuth. They process highway restriction notices and support our stakeholder meetings.
- And Bill Gross work as the training coordinator, building and delivering training content for our program.

INTRODUCTION



mo·bil·i·ty

/mō'bilədē/

noun

The ease with which people and goods move throughout their community, state, and world.

-Mobility Procedures Manual

www.oregon.gov/ODOT/MCT/Documents/MobilityProcedureManual.pdf



4

The Mobility Procedures Manual provides this definition of mobility. The manual is the accepted authority for mobility policy for the agency, and is intended to be a working tool for planning, project development, construction and maintenance activities.

INTRODUCTION



- **What's at stake?**
 - Protecting the work zone.



5

What's at stake with Mobility Coordination?

First and foremost is work zone safety. Effective communication and coordination is about finding a proper balance between protecting the work zone and keeping freight and people moving safely.

Mobility coordination is also about keeping oversize loads from entering work zones when and where they shouldn't.

INTRODUCTION



- **What's at stake?**

- Keeping Oregon's economy on the move.



\$270 Billion

Total value of freight that moved within, to and from Oregon in 2016.

-2018 State of the System Report



Oregon's economic health depends on our ability to communicate, coordinate and mitigate mobility impacts on our state system.

INTRODUCTION

• What's at stake?

- Protecting infrastructure.



Mobility coordination also helps to protect infrastructure. Coordinating and communicating vertical clearance reductions and weight restrictions prevent oversize vehicles from damaging our facilities.

INTRODUCTION



Mobility Advisory Committee (MAC)



Provides input on:

- ORS 366.215 Reductions in Capacity.
- Roundabouts on the state system.
- Work zone safety & temporary restrictions.
- Critical Route Pairs.
- Permanent weight restrictions.



Central to mobility coordination and communication is stakeholder engagement.

The Mobility Team is ODOT's the single point-of-contact for communications between project delivery teams and the Mobility Advisory Committee. The committee is made up of representatives from the trucking and heavy haul industries, the American Automobile Association, the Association of General Contractors and others.

The committee generally meets twice every month at the MCTD headquarters in Salem and Region 1 Headquarters in Portland.

Not all projects are reviewed by the committee, but some items require their input including ORS 366.215 impacts, roundabouts and permanent weight restrictions.

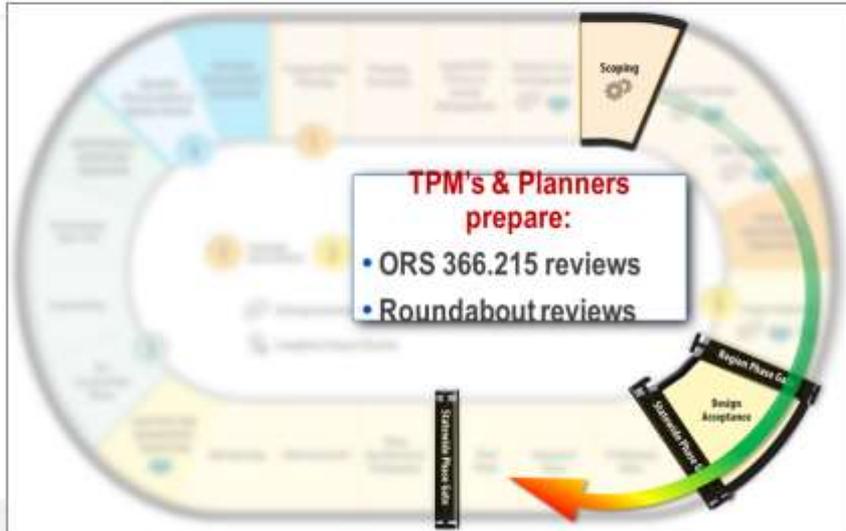
Mobility Interaction & Timelines



Interaction with the Mobility Team and Mobility Advisory Committee depends on the task or review process taking place; primarily:

- ORS 366.215 Reduction in Capacity Reviews.
- Roundabout Reviews
- Early Project Communication
- Overall project mobility impact reviews

Mobility Interaction & Timelines



ORS 366.215 Reduction in Vehicle-Carrying Capacity reviews and Roundabout Reviews are typically conducted from Scoping through DAP.

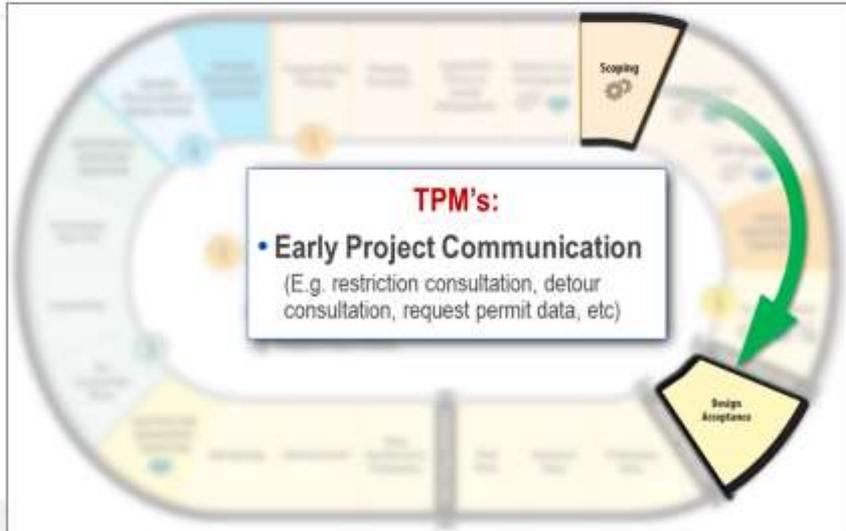
The further these reviews are pushed out on the racetrack after DAP, the greater risk that a project could be delayed at PS&E.

- For ORS 366.215 reviews, planning-level documents often don't have enough detail yet to determine if there's a reduction in capacity. In these cases, it's usually best to wait until project implementation to present the proposed project design for review.
- Transportation Project Managers are usually involved in preparing presentation materials (or providing the information) for these reviews, often in conjunction with their respective region liaison.
- If you're needing to get contracts done from the local jurisdiction, you can always insert language
- Both reviews involve specific processes for getting stakeholder support (specified in either statute, rule or directive). The process could result in extra review steps, design changes or requests for additional information that could take more time. So

the earlier you engage with us, the better.

- Most of the time, we recommend project teams first seek ORS 366.215 support early, and then come back to the MAC committee later (when their traffic control plans are complete) to request sign off on their Mobility Considerations Checklist impacts. Bring design options

Mobility Interaction & Timelines

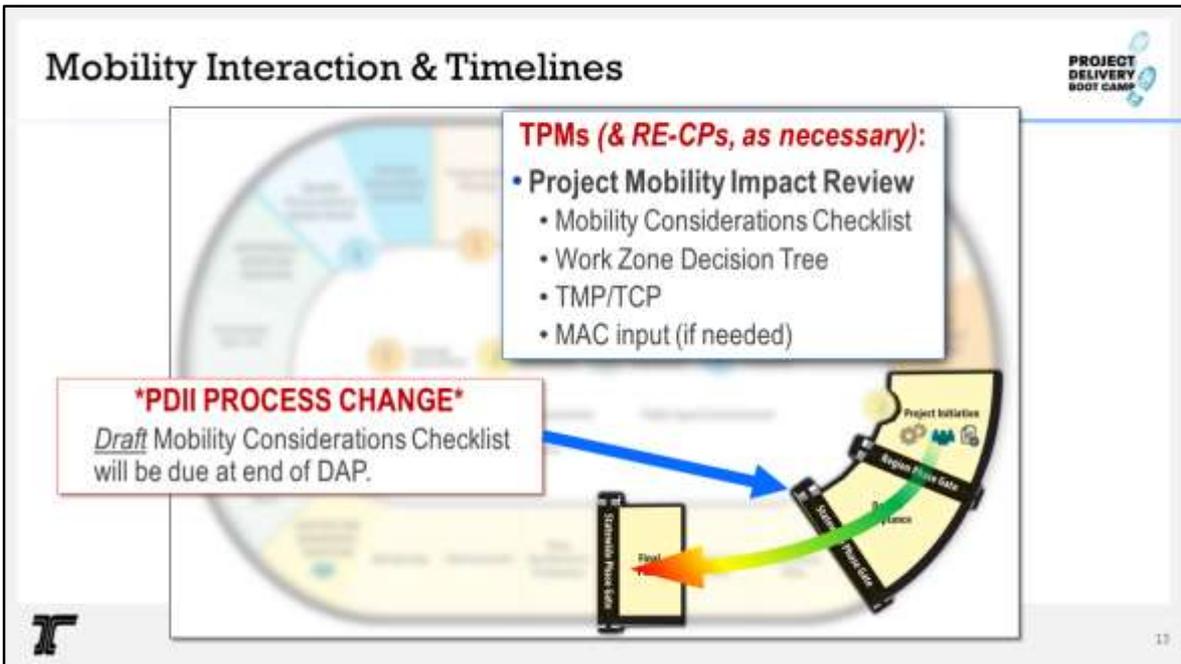


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Another step our team refers to as “Early Project Communication” takes place prior to DAP.

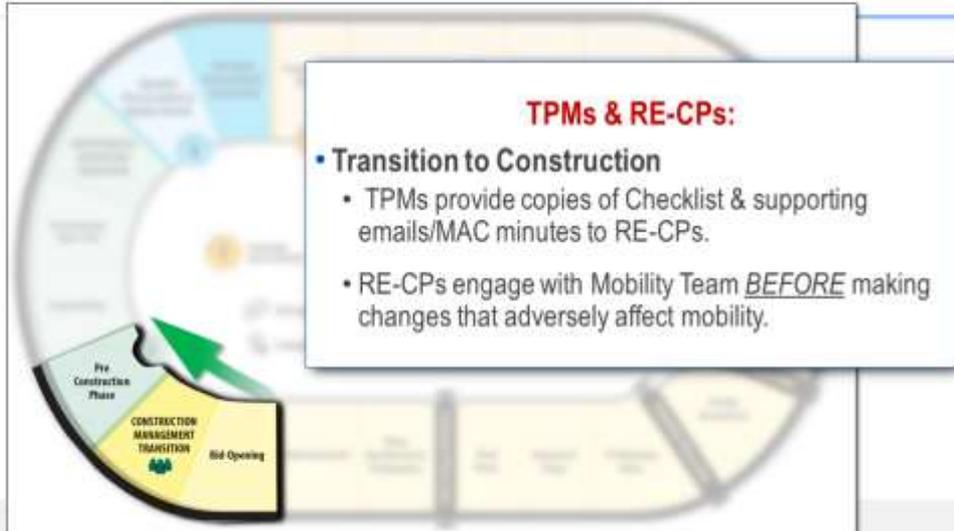
During this time, project teams, led by the TPM, might want to consult with Mobility Staff on temporary restriction impacts, detour routes or to request over-dimension permit data for a route impacted by the project area. In addition, you may want the Mobility Team to reach out to the stakeholders for initial feedback on staging, design concepts, detours, closures, etc.

Mobility Interaction & Timelines



A process change to note as result of the Project Development Improvement Initiative – A draft version of the Checklist will be a required DAP Phase Gate document. We’re still working out details as to the expectations for the draft document, which we will share once they’ve been worked out.

Mobility Interaction



When transitioning the project to construction, it's important that the RE-CP is aware of all the restriction plans and stakeholder commitments that were signed off in the Mobility Considerations Checklist.

During Construction, the RE-CP will need to engage with the Mobility Team before making any changes that have the potential to adversely affect mobility or run counter to stakeholder agreements made during preliminary design.

The slide features a dark image of a road at night with headlights and streetlights. A white box at the bottom of the image contains the title 'Major Mobility Deliverables' and the subtitle 'What we need from you & what you'll need from us.' To the right of the image is a list of three bullet points. In the top right corner is the 'PROJECT DELIVERY BOOT CAMP' logo, and in the bottom left corner is a stylized 'T' logo. The slide number '15' is in the bottom right corner.

PROJECT DELIVERY BOOT CAMP

Major Mobility Deliverables

What we need from you & what you'll need from us.

- ORS 366.215 Reviews
- Roundabout Reviews
- Project Mobility Impact Reviews

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15

Next, we'll review what we need from you, and what you'll need for us for these major deliverables in our program area.

ORS 366.215 Reviews



What we need from you:

- PowerPoint (or other presentation format) at least two-weeks prior to scheduled MAC meeting that includes:
 - Location map, highway name & milepoints.
 - Brief description of the problem/issues.
 - Brief description of proposed project.
 - Diagram of existing roadway cross section (including existing structures).
 - Nearby pinch points.
 - Diagram of proposed roadway cross section (including proposed structures).

What you need from us:

- Before the review:
 - Guidance Doc /web page info
 - MAC meeting dates (from our website)
 - PowerPoint template (optional, from our website)
 - Meeting Document Submittal Form (from our SharePoint site)
- After the review:
 - Record of Support
 - Copy of meeting minutes



16

For ORS 366.215 Reduction in Capacity reviews, we'll need a PowerPoint presentation from the TPM (often in conjunction with their Region Mobility Liaison) with the information listed here.

The presentation needs to be sent to us **at least two weeks prior** to the scheduled Mobility Advisory Committee meeting. Our SharePoint site includes a document submittal form where you can share the file without having to send emails with large attachments.

What you'll need from us---

- Before the meeting-- you'll want to download a copy of our ORS 366.215 PowerPoint template. We don't require you to use the template, but it might help save time from creating one from scratch.
- After the meeting, if the Stakeholder Forum supports the proposed action, you will need a Record of Support prepared by our team as well as a copy of the meeting minutes (once they are posted on our website).

Roundabout Reviews



What we need from you:

- Engage the Mobility Team early and throughout the entire process.
- Follow procedures in Highway Directive DES 02.
- Presentation documents at least 2 weeks prior to any scheduled MAC meetings.
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What you need from us:

- Before the review:
 - Over-dimension permit data (if needed)
 - Vehicle template diagrams for AutoTurn analysis (if needed)
 - Stakeholder meeting coordination
- After the review:
 - Recruit trucking industry participation in design testing (aka "truck rodeo"), if needed.
 - Memorialized Agreement
 - Copy of meeting minutes



17

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- After the meeting, if the Stakeholder Forum supports the proposed action, you will need a Record of Support prepared by our team as well as a copy of the meeting minutes (once they are posted on our website).

Project Mobility Impact Reviews



What we need from you:

- Mobility Considerations Checklist (all questions thoroughly answered)
- Work Zone Decision Tree
- Transportation Management Plan
- If a MAC Meeting Review is necessary, provide materials at least two weeks prior to MAC meeting.

What you need from us:

- Determine if a MAC review is necessary.
- Detour route information (if needed) for your checklist.
- Before the MAC meeting (if necessary):
 - Feedback from submitted presentation materials
 - Meeting dates (from our website)
 - Meeting Document Submittal Form (from our SharePoint site)
- After the review:
 - Checklist Signed by Mobility Manager
 - Copy of meeting minutes (if necessary)



18

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Fatal Flaws

Mobility Issues that can cause delays



PROJECT
DELIVERY
BOOT CAMP



19

Next, we'll review what we need from you, and what you'll need for us for these major deliverables in our program area.

PROJECT DELIVERY BOOT CAMP

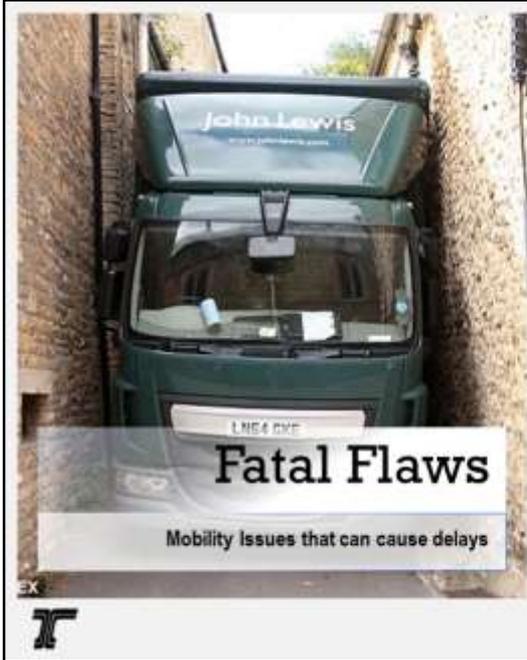
Fatal Flaws
Mobility Issues that can cause delays

Mobility Considerations Checklist

- Missing or conflicting information.
- Projects are shared or changes made too close to PS&E.
- During construction, restriction notices are not consistent with the Checklist.

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In considering fatal flaws that can put your timelines in jeopardy, here are some common ones that we see with the Mobility Considerations Checklist submitted for Project Mobility Impact reviews.



PROJECT DELIVERY BOOT CAMP

ORS 366.215 Reviews

- Reduction in vehicle-carrying capacity (RVC) issues were never considered.
- Review process started too late.
- Assumption that "no new pinch points means no RVC"
- Presentation materials are missing critical information needed for Stakeholder Forum review.

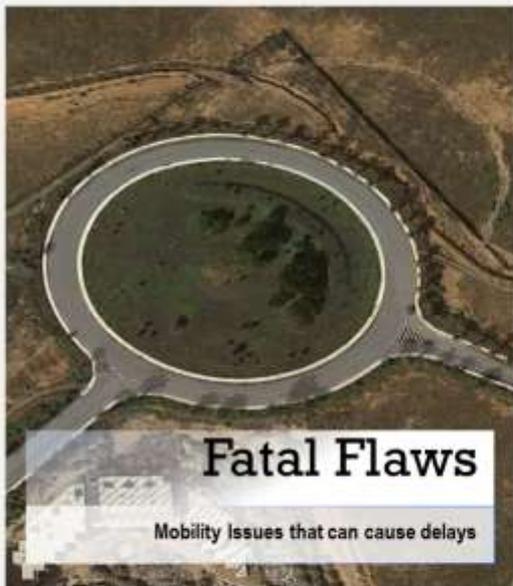
Fatal Flaws

Mobility Issues that can cause delays



11

These are some issues we've seen with Reduction in Vehicle-Carrying Capacity Reviews.

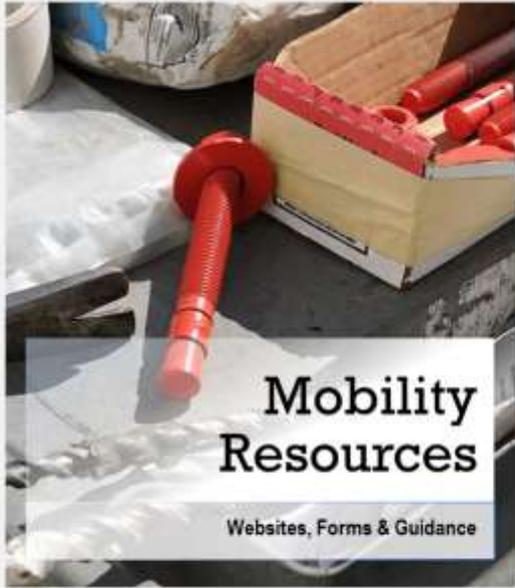


Roundabout Reviews

- Assuming WB67's (common semi truck) are the only truck that needs to be accommodated.
- Requested design elements don't get implemented (e.g. mountable curbs) .
- Not presenting other alternative intersection options.
-
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For RoundAbout reviews, here are some issues to consider...



Mobility Resources

Websites, Forms & Guidance

- Statewide Traffic Mobility Website:
<https://tinyurl.com/y3nbm1e>
- Mobility SharePoint Site:
<https://tinyurl.com/y5ddff6m>
- Mobility Considerations Checklist (updated version)
www.oregon.gov/ODOT/Forms/Motcarr/9983fill.pdf
- Meeting Document Submittal Form:
<https://tinyurl.com/y6d6uclj>
- ORS366.215 Review PowerPoint Template:
<https://tinyurl.com/y4xt9rn9>
- Mobility Meeting PowerPoint Template:
<https://tinyurl.com/y2xokext>
- Mobility Meeting Guidelines Document:
<https://tinyurl.com/y3xepcnc>



23

Here are some links to helpful websites, forms and guidance. All of this and more are available on both our Statewide Traffic Mobility Website and internal SharePoint site.



Thank You

Bill Gross 

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William.p.gross@odot.state.or.us 

www.oregon.gov/ODOT/MCT/Pages/StatewideTrafficMobility.aspx 