



# SR 7 MULTIMODAL IMPROVEMENTS CORRIDOR STUDY

Project Advisory Committee Meeting



June 9, 2015



## Agenda


- Working Group Meeting Outcomes
- Public Involvement
  - Review PPP
  - Website preview
  - Discuss Community Meeting Targets
- Hot-Spot Methodology & Discuss
- Goals Objectives & Performance Measures
- Joint Participation Agreement Discussion
- Housekeeping/Adjourn Meeting

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## Working Group Meetings

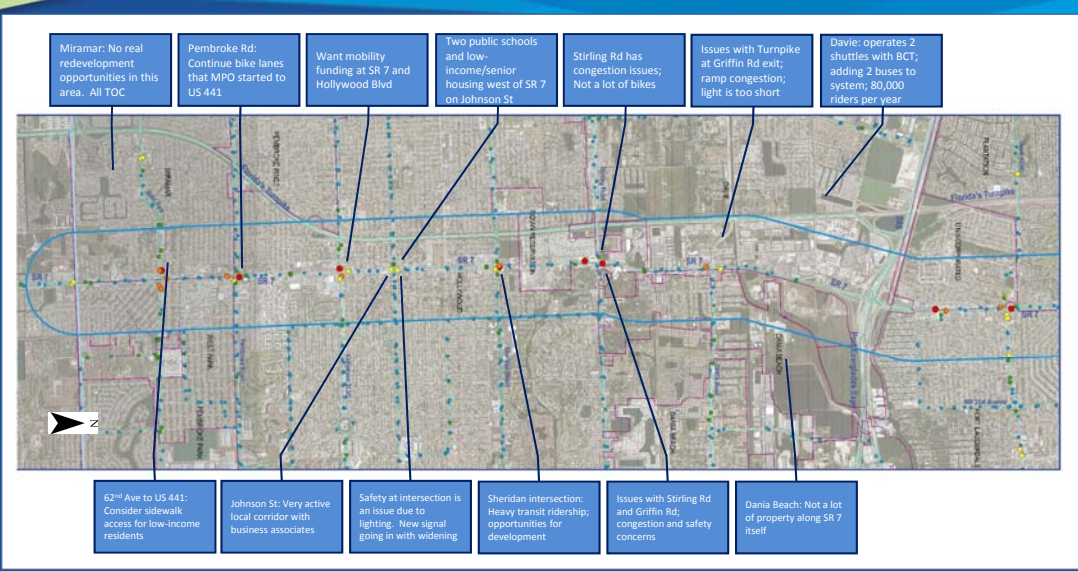
- Southern: April 29
  - 10 attendees
- Central: April 30
  - 3 attendees
- Northern: April 30
  - 3 attendees
- Follow-up activities



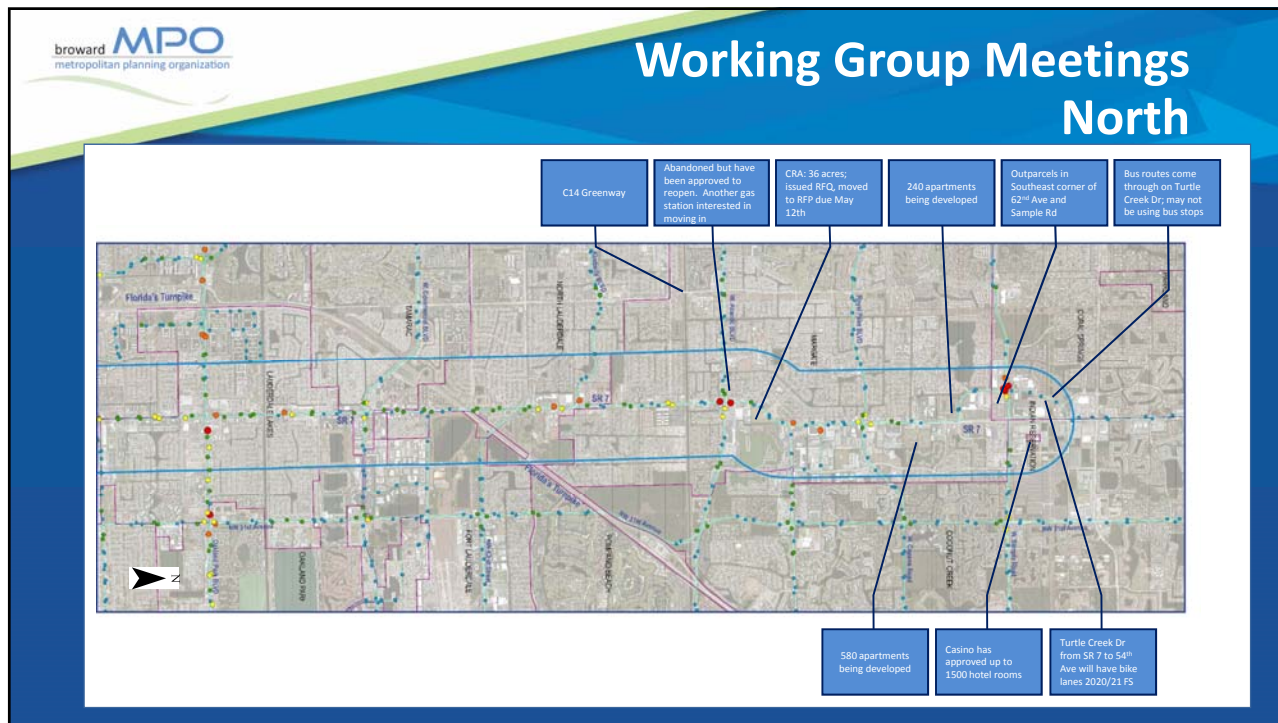
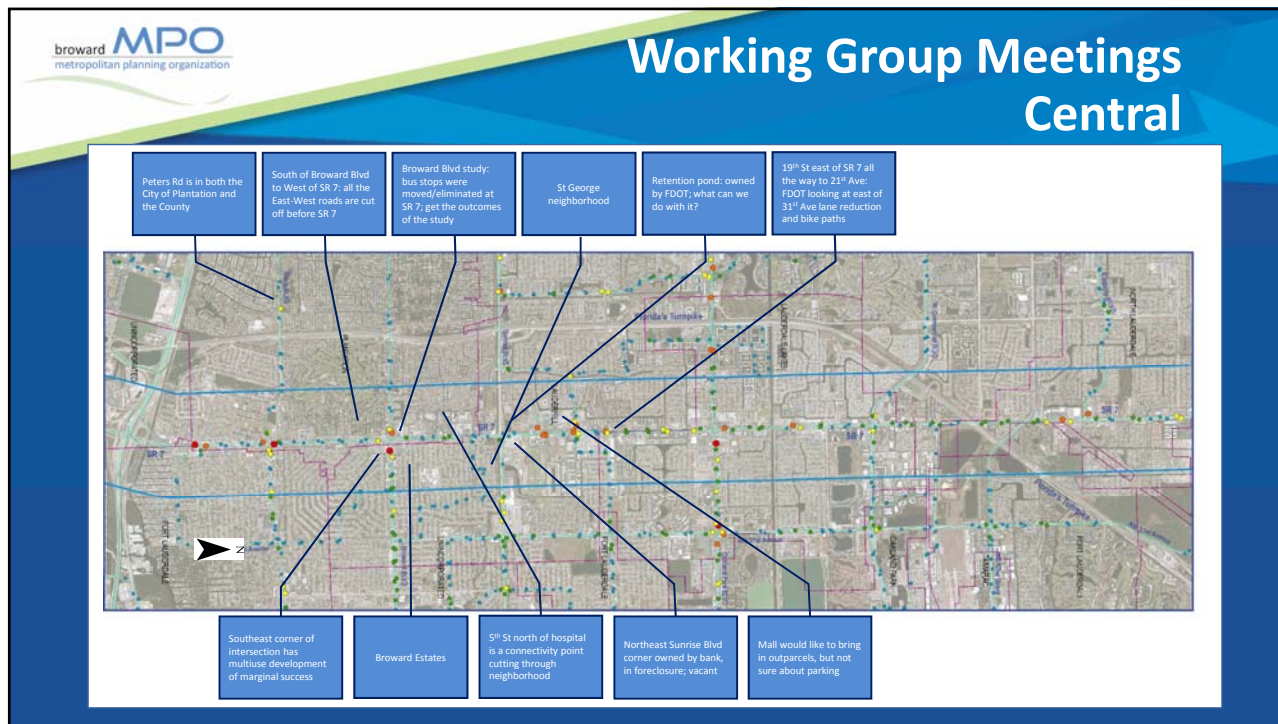
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## Working Group Meetings South



Miramar: No real redevelopment opportunities in this area. All TOC	Pembroke Rd: Continue bike lanes that MPO started to US 441	Want mobility funding at SR 7 and Hollywood Blvd	Two public schools and low-income/senior housing west of SR 7 on Johnson St	Stirling Rd has congestion issues; Not a lot of bikes	Issues with Turnpike at Griffin Rd exit; ramp congestion; light is too short	Davie: operates 2 shuttles with BCT; adding 2 buses to system; 80,000 riders per year
62 <sup>nd</sup> Ave to US 441: Consider sidewalk access for low-income residents	Johnson St: Very active local corridor with business associates	Safety at intersection is an issue due to lighting. New signal going in with widening	Sheridan intersection: Heavy transit ridership; opportunities for development	Issues with Stirling Rd and Griffin Rd; congestion and safety concerns	Dania Beach: Not a lot of property along SR 7 itself	





# Working Group Meetings Common Issues

- Discussion of corridor preservation width
- Discussion of transit stop placement
- Intersection congestion/safety issues



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# Public Involvement

- Public Participation Plan
  - Webpage
  - Fact Sheet





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## Public Involvement

- Community Meetings/Events
  - Draft List in Process
  - Example Events
    - North Lauderdale & Margate: Annual Night Out Against Crime, 8/5
    - Margate: Summer Nights at the Cove, every Friday
    - Lauderdale Lakes: Community Resource Fair, 8/9

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## Hot-Spot Methodology

- Identify Priority Areas:
 

Stop-Level Ridership Data + Pedestrian/Bike Crash Data

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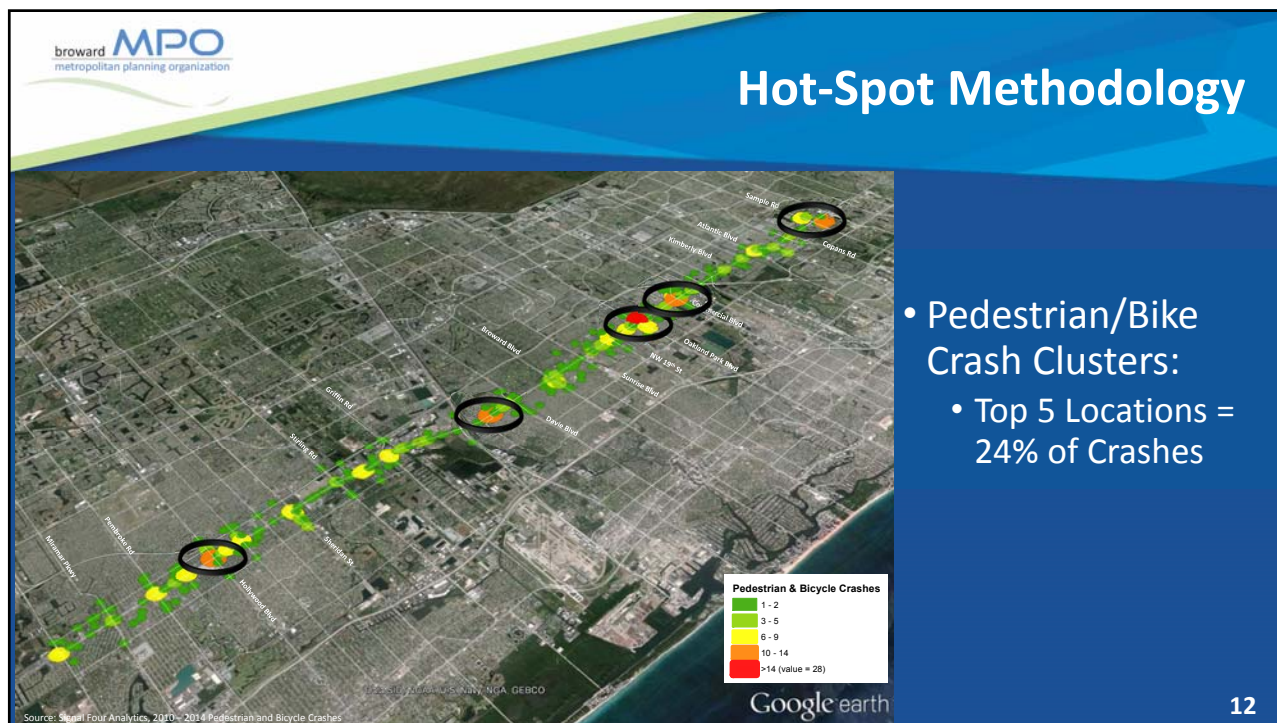
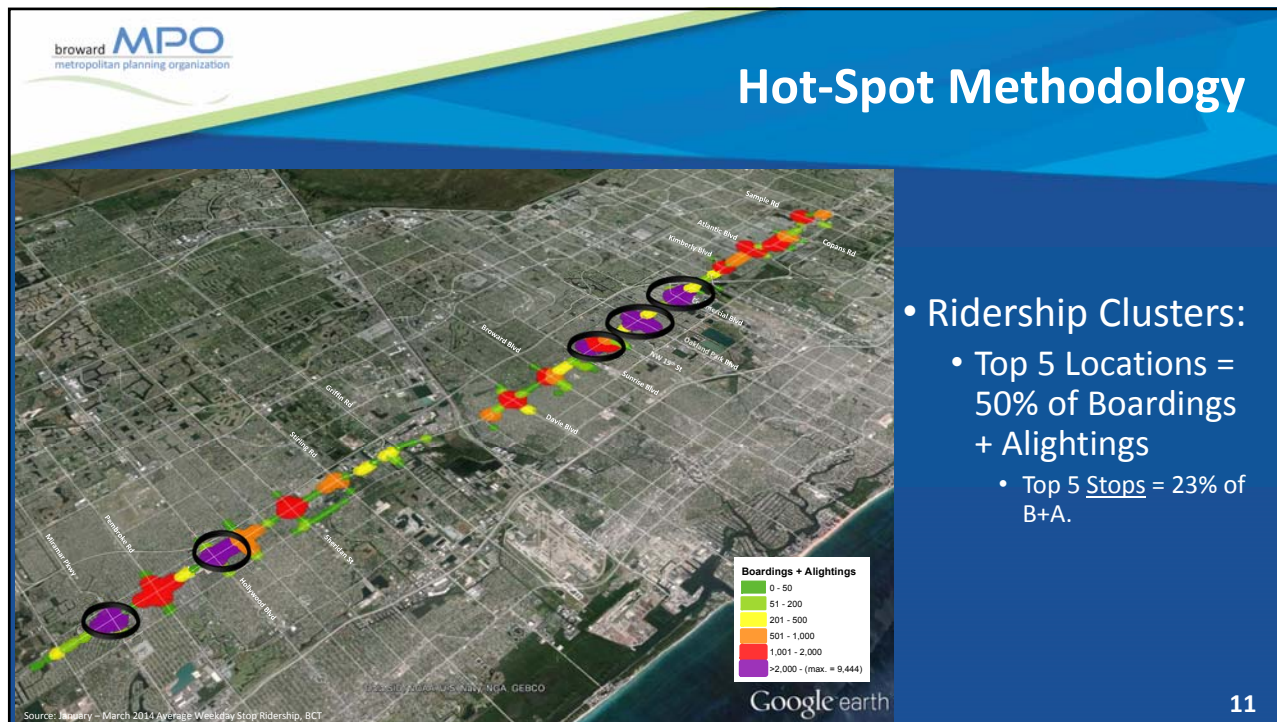
Clusters are Grouped into Tiers

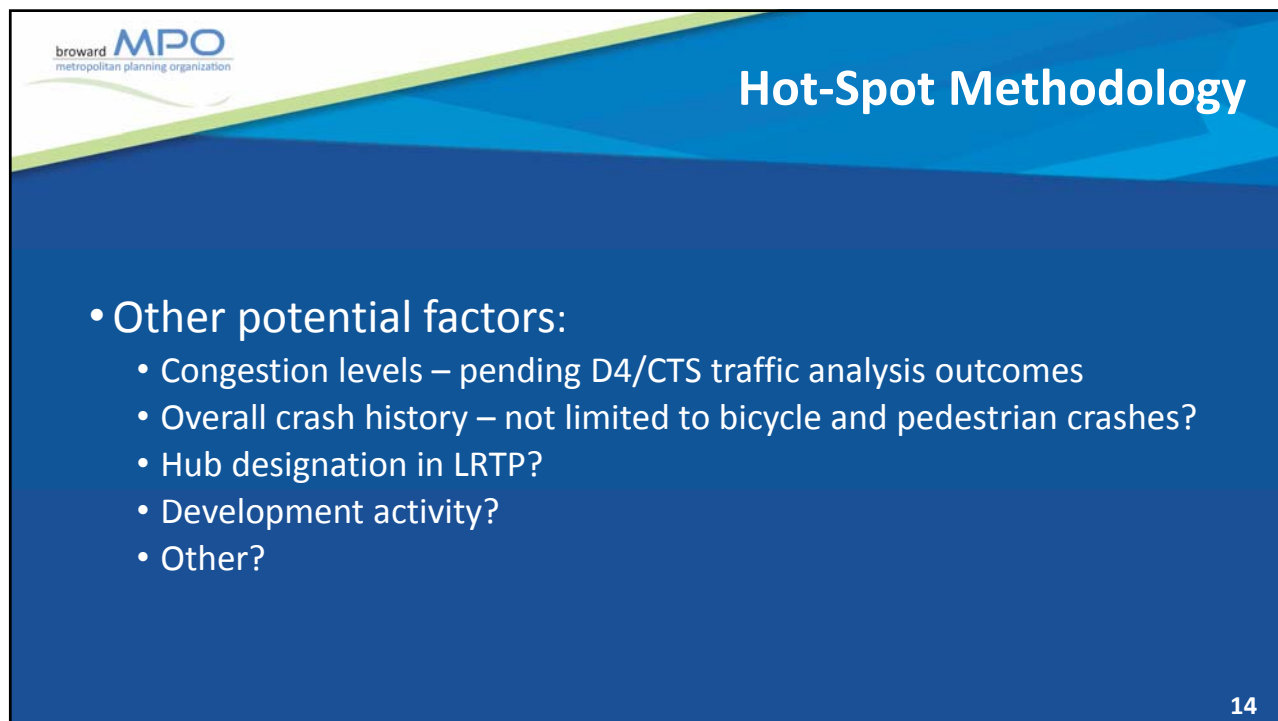
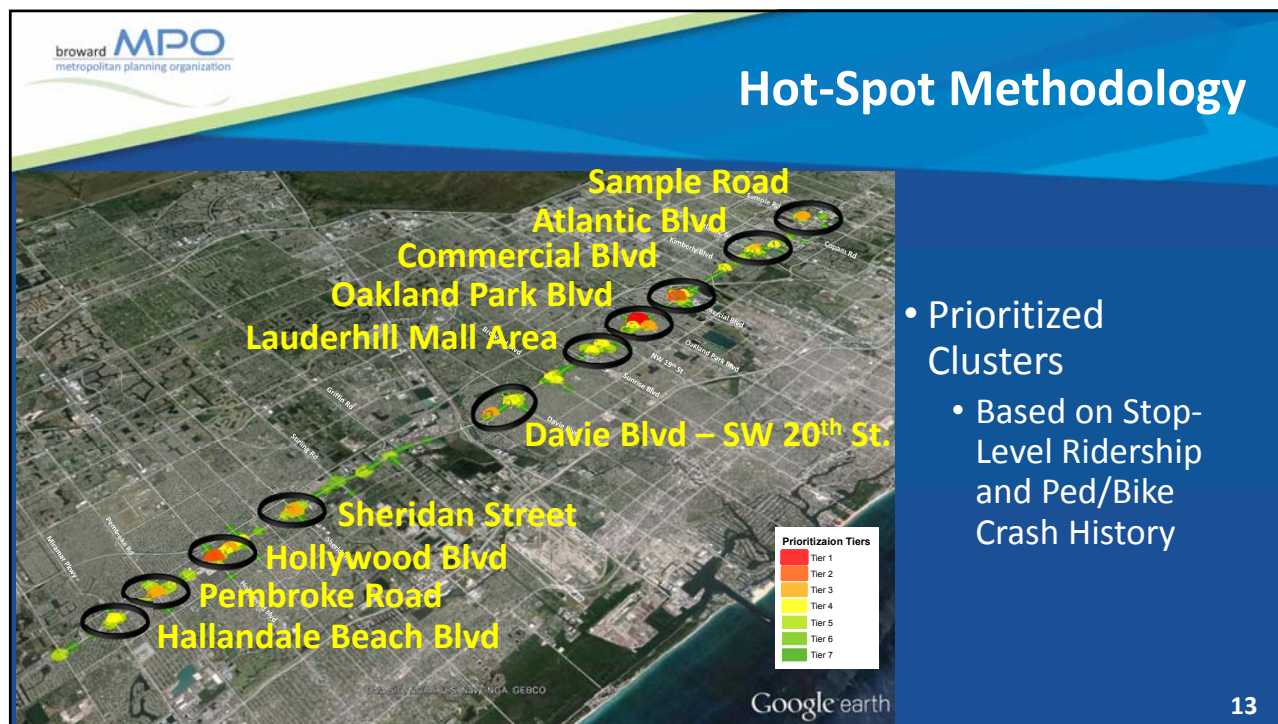
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Matrix Determines Priority Tier

Pedestrian and Bicycle Crash Tier	High	I	5	4	3	2	1
	II	6	5	4	3	2	
	III	7	6	5	4	3	
	IV	7	7	6	5	4	
	Low	V	7	7	7	6	5
		V	IV	III	II	I	
		Low				High	
							Stop Ridership Tier

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## Goals Objectives & Performance Measures

### Review of Problem Statement (from joint PAC/WG Meeting)

SR 7 has the highest transit ridership of any corridor in Broward County and has been the subject of extensive land use and economic development planning activities; however:

- *Transit service along the corridor requires continued monitoring and investment to keep up with growing ridership demand;*
- *There is a high frequency of pedestrian and bicycle crashes along the corridor;*
- *Segments and intersections along the corridor exhibit high levels of traffic congestion; and*
- *Land use visions have not been uniformly implemented and may not be consistent with the current cost-feasible transportation plan.*

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## Goals Objectives & Performance Measures

### Goal 1: Enhance the Safety of All Road Users.

*Objective 1.01: Reduce the frequency and severity of pedestrian and bicycle crashes within the SR 7 corridor*

*Objective 1.02: Reduce the frequency and severity of automobile crashes within the SR 7 corridor*

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## Goals Objectives & Performance Measures

### Goal 2: Improve the Quality and Completeness of the Non-Motorized Transportation Network.

*Objective 2.01: Provide continuous, high-quality bicycle and pedestrian facilities along SR 7.*

*Objective 2.02: Provide a comprehensive network of bicycle and pedestrian facilities within the SR 7 corridor.*

*Objective 2.03: Provide for adequate opportunities for safe and convenient crossing of SR 7 and other major roadways within the corridor.*

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## Goals Objectives & Performance Measures

### Goal 3: Continue to Improve Transit Service in the SR 7 Corridor.

*Objective 3.01: Provide for on-time performance and acceptable bus load-factors*

*Objective 3.02: Reduce bus running times through facility design and operational strategies*

*Objective 3.03: Improve transit passenger experience through Mobility Hub improvements*

*Objective 3.04: Improve the safety and convenience of accessing transit (cross-reference Objectives 1.01, 2.01, 2.02, and 2.03)*

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## Goals Objectives & Performance Measures

**Goal 4: Reduce Automobile Traffic Congestion without Adversely Impacting the Mobility and/or Safety of Cyclists, Pedestrians, and Transit Users.**

*Objective 4.01: Identify critical 'bottleneck' locations*

*Objective 4.02: Identify and qualify opportunities to reduce congestion through geometric and/or operational improvements (i.e., new or extended turn lanes, modified signal timing)*

*Objective 4.03: Assess the potential of ATMS solutions to reduce congestion along SR 7*

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## Goals Objectives & Performance Measures

**Goal 5: Encourage Land Use and Urban Form to Support Multimodal Transportation Options**

*Objective 5.01: Incorporate existing and planned land use conditions when analyzing and planning for Mobility Hub infrastructure investments*

*Objective 5.02: Identify opportunities to update zoning and land development code to implement TOC designation.*

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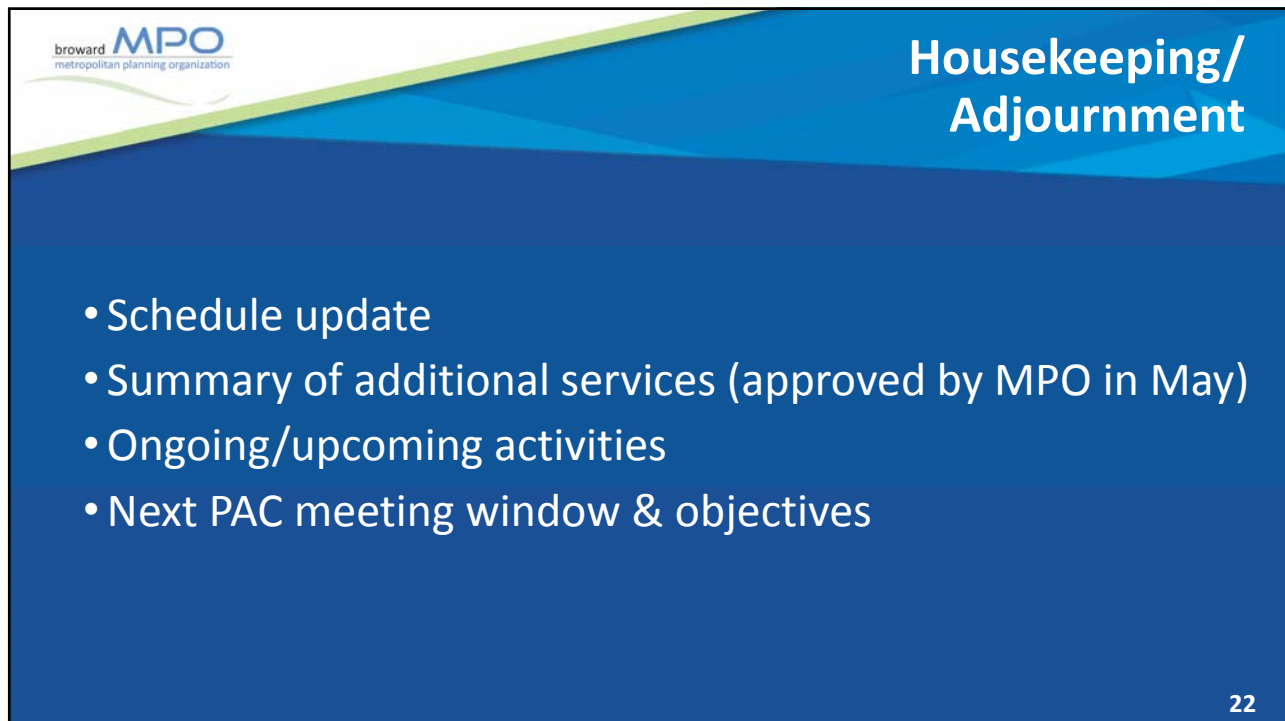
The slide features a blue background with a light blue and green wave graphic at the top. The Broward MPO logo is in the top left corner. The title 'Joint Participation Agreement' is in the top right, and the word 'Discussion' is centered in the middle. The number '21' is in the bottom right corner.

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## Joint Participation Agreement

Discussion

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The slide features a blue background with a light blue and green wave graphic at the top. The Broward MPO logo is in the top left corner. The title 'Housekeeping/Adjournment' is in the top right. A bulleted list is in the middle, and the number '22' is in the bottom right corner.

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## Housekeeping/ Adjournment

- Schedule update
- Summary of additional services (approved by MPO in May)
- Ongoing/upcoming activities
- Next PAC meeting window & objectives

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## Scope Overview:

# Task 1: Project Management

2015										2016					
Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
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Task 7:															
Task 8:															

- Project team meetings
- Project Advisory Committee
- Execute Project Management Plan and QA/QC Plan

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## Scope Overview:

# Task 2: Performance Measures

2015										2016					
Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
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- Problem Statement, Goals, and Objectives
- Statement of Purpose and Need
- Performance Measures and Monitoring Strategies

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## Scope Overview:

### Task 3: Data Review/Collection

2015										2016					
Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
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- Review available data (traffic, safety, projects, etc.)
- Field observations and intercept surveys
- Coordination with FDOT traffic data collection and modelling support services

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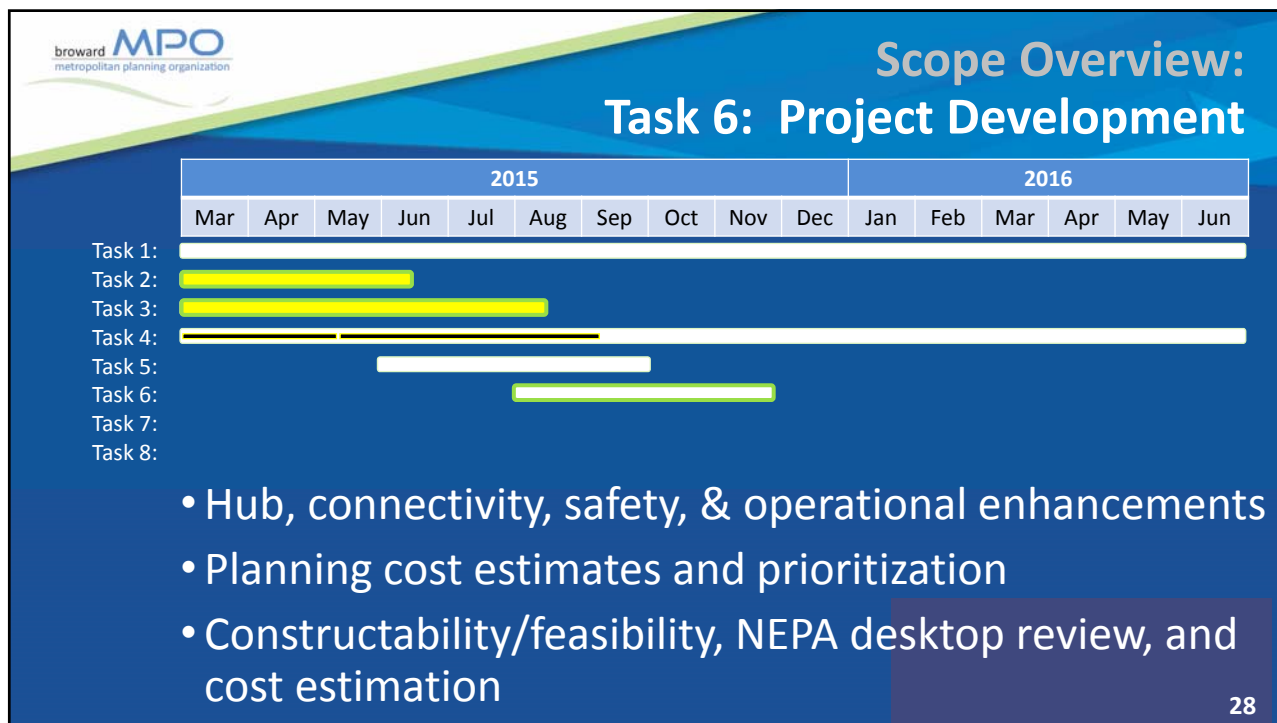
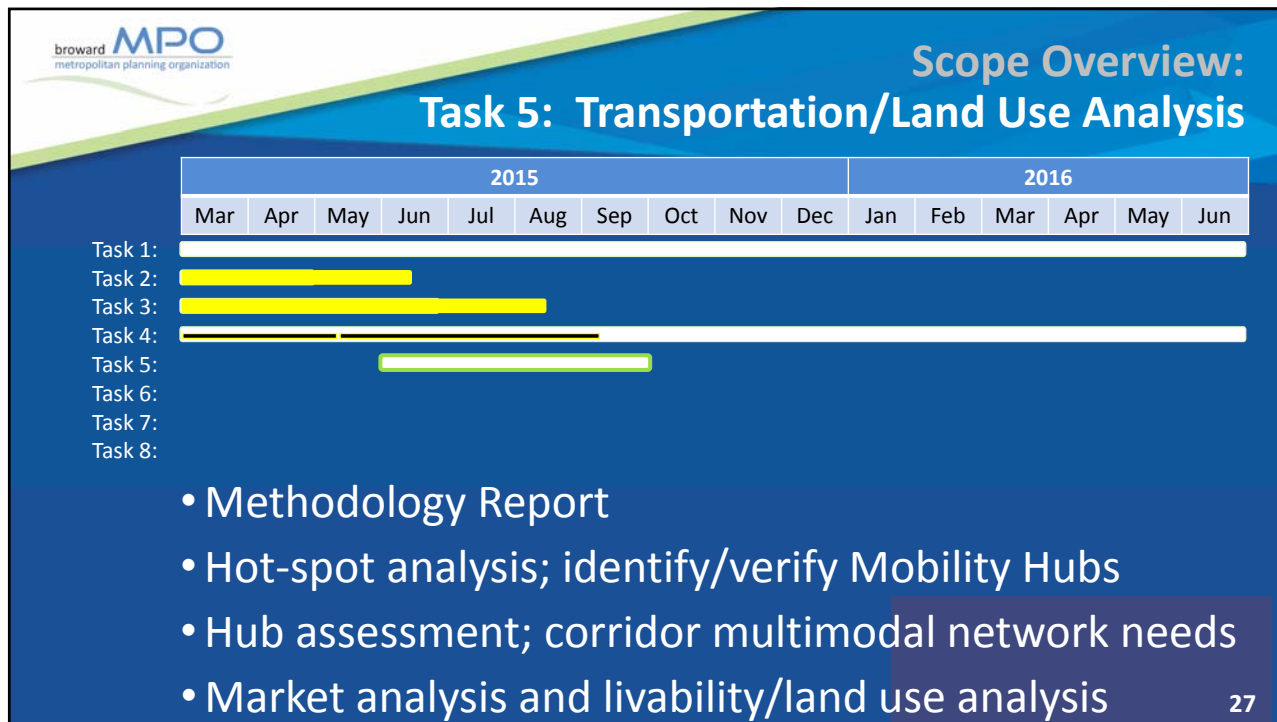
## Scope Overview:

### Task 4: Public Participation

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Task 5:															
Task 6:															
Task 7:															
Task 8:															

- Public Participation Plan, Website and Brochure
- Telephone/iTown Hall Meeting
- Community meetings and event attendance
- MPO Committee and Board presentations

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## Scope Overview: Task 7: Implementation and Monitoring Plan

	2015										2016					
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- Implementation Plan (agency responsibilities, next steps)
- Funding Plan

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## Scope Overview: Task 8: Project Documentation

	2015										2016					
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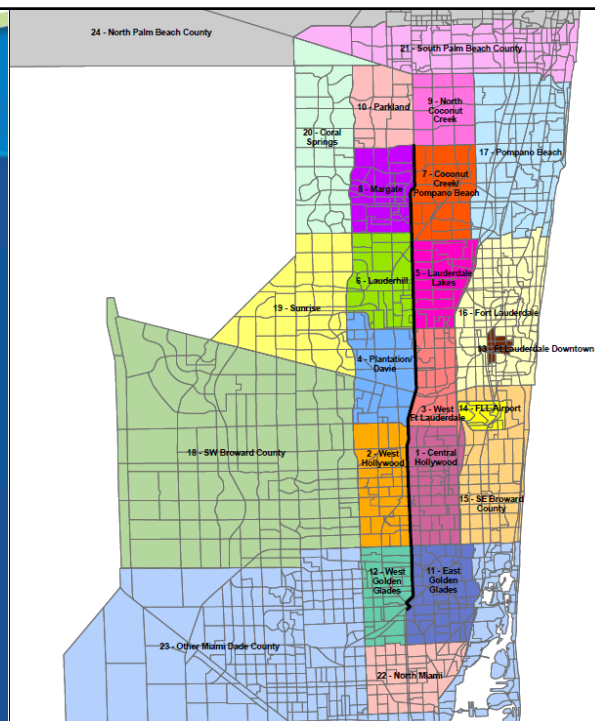
- Executive Summary and Presentation
- Update prior report chapters
- Compile technical appendices
- Compilation of electronic data files

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## Housekeeping/ Adjournment

- Summary of additional services (approved by MPO in May)
  - Task 4 - Public Participation
    - City Commission Presentations for Project Recommendations
    - Enhanced Project Website – Interactive website to allow project participants to view and comment on specific proposed design solutions
  - Task 5 – Transportation and Land Use Analysis
    - AirSage (cellular data O/D analysis)
    - ADA Review

- AirSage Data
  - Propose to use the same zone structure as prior FDOT on-board survey
  - Allowance for 4 additional zones if desired
  - October 2014 and July 2015 Data





## Housekeeping/ Adjournment

- Ongoing/Upcoming Activities:
  - Crash analysis of all FDOT high crash segments/spots and all intersections with intersecting bus routes
  - Collection of roadway/resurfacing plan sets
  - Complete Hot-Spot identification/selection (pending today's feedback)
  - Begin Hot-Spot field reviews and intercept surveys
  - Complete Transportation Analysis Methodology and Baseline Conditions Report
  - Begin community meeting and event scheduling/attendance

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## Housekeeping/ Adjournment

- Next PAC meeting window & objectives
  - Week of 7/21
  - Finalize TM#1 – Goals, Objectives, and Performance Measures
  - Review Approve Traffic Analysis Methodology and Baseline Conditions Report

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