

AGENDA

Date: May 28, 2014
Time: 12:00PM – 2:00PM
Location: Board Room | GoToMeeting
Subject: Steering Committee Meeting No. 7

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1. **Welcome and Sign-in**Greg Stuart
2. **Project Identification and Evaluation** Paul Flavien
3. **Overview of Financial Commitments** Paul Flavien
4. **Proposed Major Capital Projects**..... Paul Flavien
5. **Update on Programmatic Approach**.....Michael Ronskavitz
6. **Public Comment Period** Todd Brauer
7. **Documentation**..... Todd Brauer
8. **Open Discussion** Paul Flavien

GoToMeeting Information

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Access Code: 413-213-877

Meeting ID: 413-213-877

Agenda Item
No. 2

PROJECT IDENTIFICATION AND EVALUATION

The approach used to identify transportation problems and potential solutions for *Commitment 2040* recognizes that a multitude of tools would be necessary to identify and balance infrastructure investments that can best move people, create jobs and strengthen communities.

CORE PRINCIPALS AND GOALS OF THE OVERALL PLAN

The goals and considerations outlined in MAP-21¹, the *Florida Transportation Plan*², local comprehensive plans and the MPO vision³, goals and objectives formed the framework to develop the financially feasible plan evaluation framework.

The following are the primary metrics or minimum criteria that the financially feasible plan satisfies:

- Fully fund the operation and maintenance of existing systems;
- Balance investments in regionally significant assets and local improvements;
- Maximize investments in transit and alternative transportation modes; and
- Minimize the amount of right-of-way acquisition and associated community disruptions it creates.

IDENTIFYING POTENTIAL PROJECTS

As an update to the current plan, *Transformation 2035*, *Commitment 2040* used a variety of techniques to identify potential projects to solve regional and transportation concerns:

- Outreach to regional agencies;
 - Florida Department of Transportation (FDOT)
 - South Florida Regional Transit Authority (SFRTA)
 - Port Everglades
 - Fort Lauderdale-Hollywood International Airport
 - Broward County Transit (BCT)
 - Broward County Traffic Engineering
 - Palm Beach MPO
 - Miami-Dade MPO
- Outreach to more than 30 local municipalities;
- Dozens of public workshops, community meetings and outreach surveys; and
- Review of travel demand patterns from the regional travel forecasting model (SERPM 7).

Together, these outreach and technical activities identified a variety of regional and local transportation issues and possible solutions to address current and future challenges.

¹ For additional information on MAP-21, visit www.fhwa.dot.gov/map21/

² For additional information on the *Florida Transportation Plan*, visit www.dot.state.fl.us/planning/FTP/

³ For additional information on the Broward MPO, visit www.browardmpo.org/about-us

PROJECT EVALUATION

Transportation investments fall into two broad classes for the sake of the long range transportation plan (LRTP) evaluation: assets that extend beyond the MPO planning area and projects that are under the direction of the MPO Board.

ASSETS EXTENDING BEYOND THE MPO PLANNING AREA

For investments that extend beyond the MPO planning area, the MPO is part of a collaborative and ongoing process to develop plans for those assets; however, other agencies are statutorily responsible for developing and maintaining those plans. Therefore, all such plans and associated project evaluations are incorporated into *Commitment 2040* by reference. Examples of these plans include the *Strategic Intermodal System (SIS) Long-Range Plans*⁴, the *Port Everglades Master Plan*⁵ and the plans of *All Aboard Florida*⁶ (a private initiative).

ASSETS WITHIN THE MPO PLANNING AREA

For assets within the MPO's jurisdiction, where it is responsible for taking the lead on plan development, it collaborates with the public and other agencies in the development of those plans; however, it is ultimately responsible for crafting those elements of the Long Range Transportation Plan. Taking guidance from the MPO Board and the public, projects were evaluated for possible inclusion in *Commitment 2040* using the following process.

1. Identify eligible funding for complete streets, non-motorized and similar local initiatives. Set aside that funding for a single programmatic consideration in *Commitment 2040* and subsequent Transportation Improvement Programs (TIPs). Projects in this category will be evaluated periodically against the most current legislative requirements, funding levels, MPO policies and plans to maximize the amount of funding and transportation improvements throughout Broward.
2. Set aside a maximum amount of the remaining funding for major transit capital initiatives. Evaluate potential projects in this category based on how far the project has advanced in project development, the consistency of the project with other plans and programs, the mobility impacts for low-income and minority sectors of the community, overall cost / return on investment, community acceptance, and transit operators endorsement.
3. Assign remaining funds to major capital roadway improvements. Assess potential projects that have a clearly defined purpose and need consistent with the goals and objectives of the plan, have local support, improve the consistency of the roadway network (fills in gaps), improves operations without the need for right-of-way, demonstrates a commitment to maximizing the flow of people and goods throughout Broward and inclusion within the most current *Unfunded Multimodal Surface Transportation Priorities* list.

For additional information on the Broward MPO and *Commitment 2040*, visit www.browardmpo.org.

⁴ For additional information on the SIS, visit www.dot.state.fl.us/planning/sis/

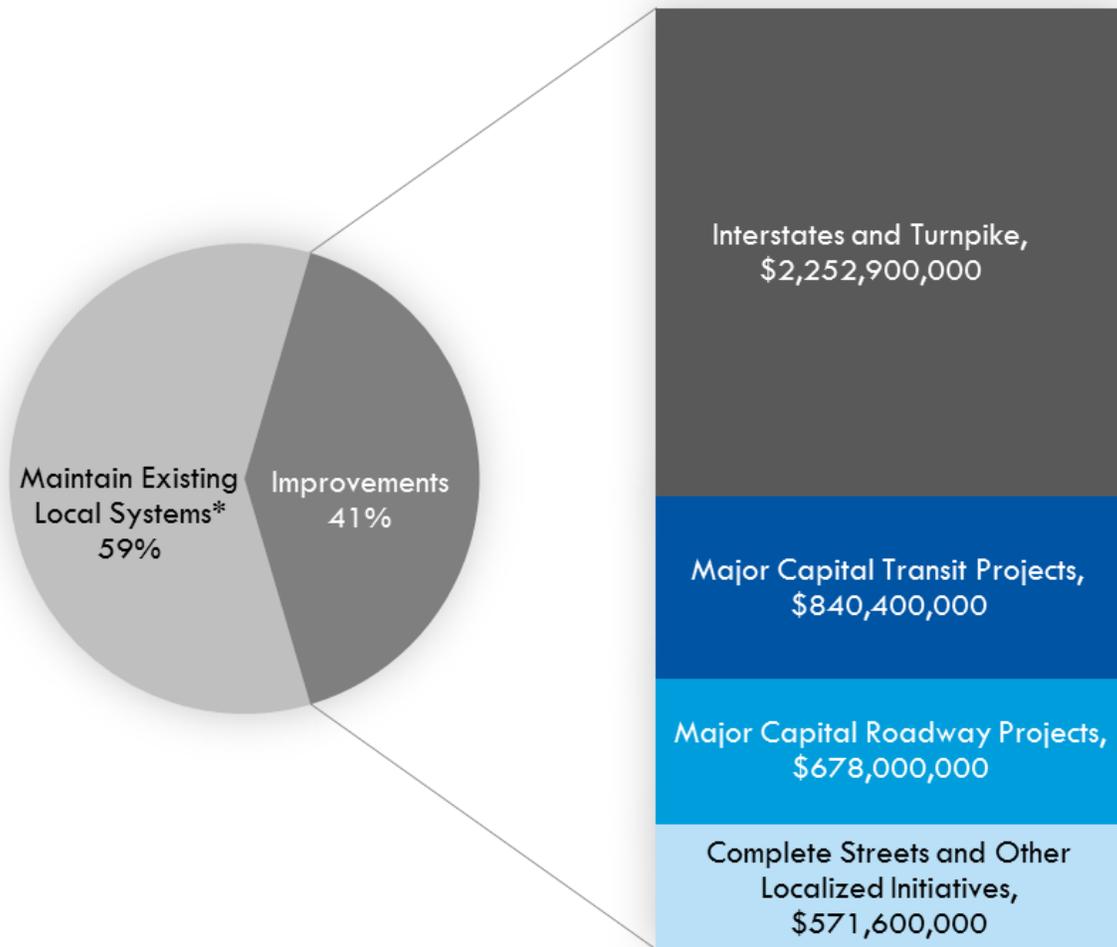
⁵ For additional information on the Port Everglades Master Plan, visit www.broward.org/port/masterplan/

⁶ For additional information on *All Aboard Florida*, visit <http://www.allaboardflorida.com/>

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OUR FINANCIAL COMMITMENTS

Overall Funding Distribution Estimates, 2019 - 2040¹



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¹ The boxes labeled, *Major Capital Transit Projects*, *Major Capital Roadway Projects* and *Complete Streets and other Localized Initiatives* (located at the bottom right of the graphic and highlighted in the *Commitment 2040* logo colors) represent discretionary Federal and State funds allocated to the Broward MPO.

* Does not include funding programed by the Florida Department of Transportation (FDOT) as estimates are not provided for Broward County, but the larger District area (Broward, Palm Beach, St. Lucie, Martin and Indian River).

Improvements by Municipality, 2019 - 2040²

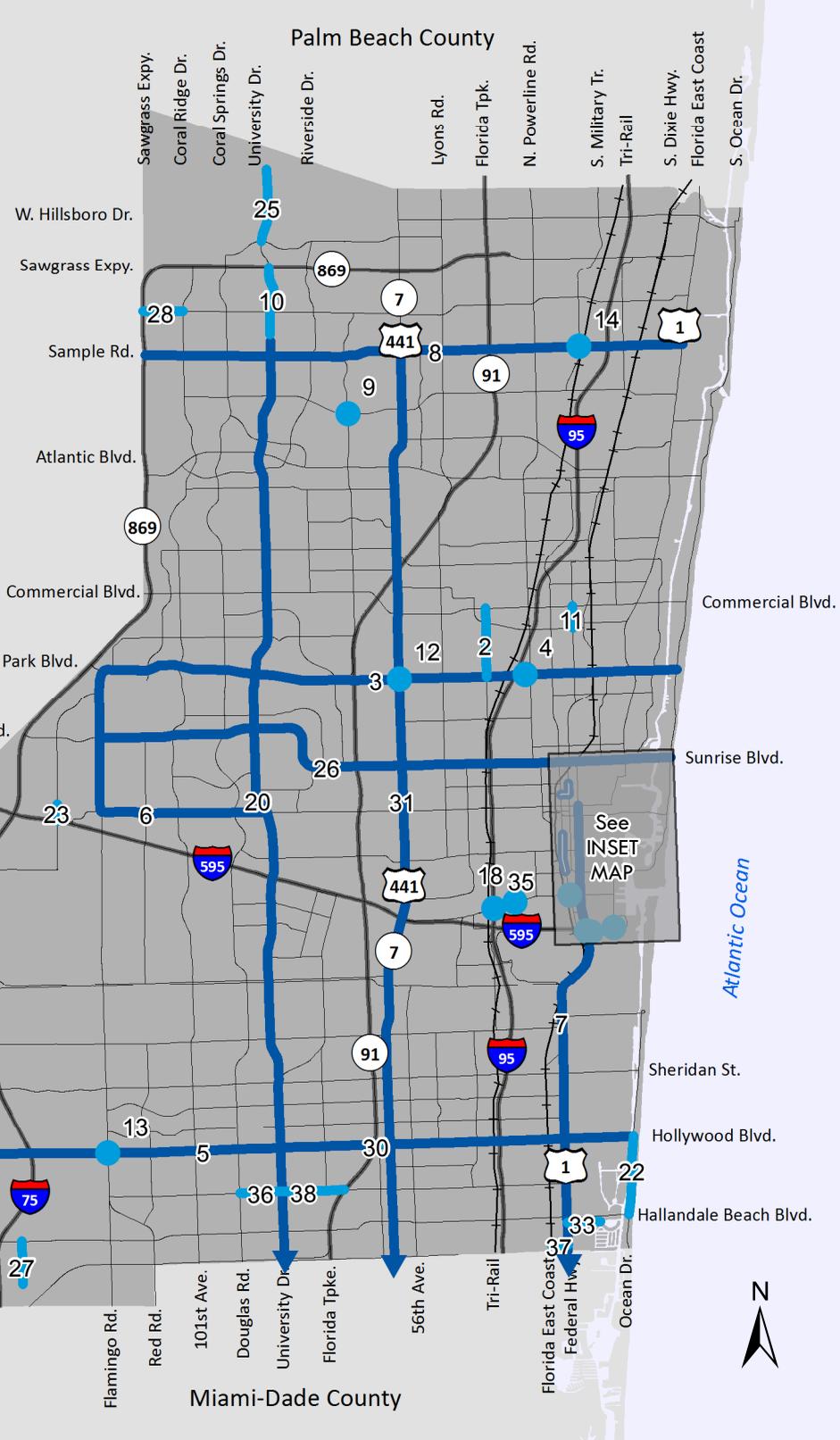
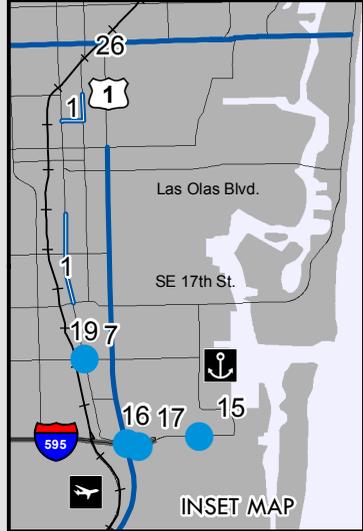
MUNICIPALITY	INTERSTATES AND TURNPIKES	MAJOR CAPITAL TRANSIT PROJECTS	MAJOR CAPITAL ROADWAY PROJECTS ³	COMPLETE STREETS AND OTHER LOCALIZED INITIATIVES
Coconut Creek		●	●	●
Cooper City			●	●
Coral Springs		●	●	●
Dania Beach	●	●	●	●
Davie	●	●	●	●
Deerfield Beach	●	●	●	●
Fort Lauderdale	●	●	●	●
Hallandale Beach		●	●	●
Hillsboro Beach			●	●
Hollywood	●	●	●	●
Indian Reservation		●	●	●
Lauderdale-by-the-Sea			●	●
Lauderdale Lakes		●	●	●
Lauderhill		●	●	●
Lazy Lake			●	●
Lighthouse Point		●	●	●
Margate		●	●	●
Miramar	●	●	●	●
North Lauderdale		●	●	●
Oakland Park	●	●	●	●
Parkland			●	●
Pembroke Park			●	●
Pembroke Pines	●	●	●	●
Plantation	●	●	●	●
Pompano Beach	●	●	●	●
Sea Ranch Lakes			●	●
Southwest Ranches			●	●
Sunrise		●	●	●
Tamarac		●	●	●
Unincorporated	●	●	●	●
West Park			●	●
Weston	●		●	●
Wilton Manors	●	●	●	●

For additional information on the Broward MPO and *Commitment 2040*, visit www.browardmpo.org.

² For additional information on major capital transit and roadway projects, visit www.wgjanalytics.net/IMAP/.

³ Improvements include both added capacity and Intelligent Transportation Systems (ITS) projects.

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Broward MPO | May 23, 2014

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For more information: <http://www.wgianalytics.net/IMAP/>

Financially Feasible Projects
Major Capital, 2019 - 2040



move people • create jobs • strengthen communities

Major Capital Projects Included within the Interactive Map

MAP ID	PROJECT	DESCRIPTION	PURPOSE/NEED	LOCATION	COST ¹	TIME PERIOD
1	Wave Streetcar	Construct new streetcar route	Provide multi-modal alternative to support high-density development	SE 17th to SE 7th and Andrews at NW 4th to NE 6th	\$30.6	2019 - 2020
2	NW 21 st Avenue	Add 2 lanes (from 2 to 4)	Improve level-of-service	SR 816/Oakland Park to SR 870/Commercial	\$23.1	2019 - 2020
3	SR 816/Oakland Park	Corridor upgrades to support enhanced bus service	Provide passenger amenities, improve reliability, reduce passenger wait time	Sawgrass Mills Mall to SR A1A	\$138.7	2019 - 2025
4	Intersection Improvement	Reconstruct intersection	Improve traffic flow	SR 845/Powerline (up to I-95) and SR 816/Oakland Park	\$14.5	2019 - 2020
5	SR 820/Hollywood/Pines	Corridor upgrades to support enhanced bus service	Provide passenger amenities, improve reliability, reduce passenger wait time	US 27 to SR A1A	\$85.3	2019 - 2025
6	SR 842/Broward	Corridor upgrades to support enhanced bus service	Provide passenger amenities, improve reliability, reduce passenger wait time	Sawgrass Mills Mall to SR 817/University Drive	\$5.9	2019 - 2020
7	SR 5/US 1	Corridor upgrades to support enhanced bus service	Provide passenger amenities, improve reliability, reduce passenger wait time	Aventura Mall to Downtown Terminal	\$3.7	2019 - 2020
8	SR 834/Sample	Corridor upgrades to support enhanced bus service	Provide passenger amenities, improve reliability, reduce passenger wait time	Sawgrass Express to SR A1A	\$5.8	2019 - 2025
9	Intersection Improvement	Reconstruct intersection	Improve traffic flow	Rock Island and Royal Palm	\$0.5	2019 - 2020
10	SR 817/University	Add 2 lanes (from 4 to 6)	Improve level-of-service	Sawgrass Expressway to NW 40 th (Cardinal)	\$35.0	2021 - 2030
11	NE 6 th Avenue	Reconstruct roadway	Improve Safety, Improve Level-of-Service	Prospect to Commercial	\$1.9	2021 - 2025
12	Intersection Improvement	Reconstruct intersection	Provide passenger amenities, improve reliability, reduce passenger wait time	SR 7/US 441 and Oakland Park	\$1.8	2021 - 2025
13	Intersection Improvement	Reconstruct intersection	Improve traffic flow	Flamingo and SR 820/Pines	\$1.4	2021 - 2025
14	Intersection Improvement	Reconstruct intersection	Improve traffic flow	Military and SR 834/Sample	\$1.4	2021 - 2025
15	Intersection Improvement	Reconstruct intersection	Improve traffic flow	McKintosh and Eller	\$0.6	2021 - 2025
16	Intersection Improvement	Reconstruct intersection	Improve traffic flow	Eller and SR 84/I-595 Frontage	\$0.6	2021 - 2025
17	Intersection Improvement	Reconstruct intersection	Improve traffic flow	Eller Extension and SR 84/I-595 Frontage	\$0.6	2021 - 2025
18	Intersection Improvement	Reconstruct intersection	Improve traffic flow	SW 15th and SR 84	\$0.6	2021 - 2025

MAP ID	PROJECT	DESCRIPTION	PURPOSE/NEED	LOCATION	COST ¹	TIME PERIOD
19	Intersection Improvement	Reconstruct intersection	Improve traffic flow	Andrews and SR 84	\$0.2	2021 - 2025
20	SR 817/University	Upgrade corridor to support enhanced bus service	Provide passenger amenities, improve reliability, reduce passenger wait time	Golden Glades to just north of Sample	\$174.3	2026 - 2030
21	Pembroke Road	Add 2 lanes (from 4 to 6)	Improve level-of-service	US 27 to SW 184 th	\$28.9	2026 - 2030
22	SR A1A	Reconstruct roadway, add bike lanes and sidewalks	Improve multi-modal level-of-service	SR 858/Hallandale Beach to SR 820/Hollywood	\$16.1	2026 - 2030
23	NW 136 th Avenue	Add turn-lanes	Improve traffic flow	I-595 to NW 2 nd	\$10.3	2026 - 2030
24	SW 188 th Avenue	Add 2 lanes (from 4 to 6)	Improve level-of-service	Sheridan to SW 63 rd	\$9.7	2026 - 2030
25	SR 817/University	Add 2 lanes (from 2 to 4)	Improve level-of-service	Holmberg to County Line Road	\$34.1	2026 - 2040
26	SR 838/Sunrise	Corridor upgrades to support enhanced bus service	Provide passenger amenities, improve reliability, reduce passenger wait time	Sawgrass Mills Mall to SR A1A	\$4.1	2026 - 2030
27	SW 148 th Avenue	Add 2 lanes (from 2 to 4)	Improve level-of-service	Bass Creek to Miramar	\$27.3	2026 - 2040
28	Wiles Road	Reconstruct roadway, add bike lanes and sidewalks	Improve multi-modal level-of-service	Sawgrass Expressway to Coral Ridge	\$3.5	2026 - 2030
29	Pembroke Road	Add 2 lanes (from 4 to 6)	Improve level-of-service	SW 196 th and SW 184 th	\$3.1	2026 - 2030
30	Intersection Improvement	Reconstruct intersection, including the eliminate eastbound turn-lane	Improve traffic flow	SR 820/Hollywood and 62 nd	\$0.3	2026 - 2030
31	SR 7/US 441	Corridor upgrades to support enhanced bus service	Provide passenger amenities, improve reliability, reduce passenger wait time	Golden Glades to Sample	\$386.2	2031 - 2040
32	SW 184 th Avenue	Construct new 4 lane roadway	Improve level-of-service	Sheridan to SR 818/Griffin	\$72.4	2031 - 2040
33	SE 2 nd Street Extension	Construct new 2 lane roadway	Complete roadway network	SR 5/US 1 to Layne	\$56.6	2031 - 2040
34	SW 196 th Avenue	Add 2 lanes (from 2 to 4)	Improve level-of-service	Miramar to Pines	\$47.5	2031 - 2040
35	Interchange Modification	Reconstruct interchange, including improved turning radii at ramps	Improve safety, improve level-of-service, facilitate goods movement	I-95 and SR 84	\$38.6	2031 - 2040
36	Pembroke Road	Add 2 lanes (from 4 to 6)	Improve level-of-service	Douglas to University	\$25.3	2031 - 2040
37	SE 9 th Street	Upgrade railroad crossing	Improve safety, improve level-of-service, facilitate goods movement	FEC and SE 9 th Street	\$15.6	2031 - 2040
38	Pembroke Road	Restripe to 6 lanes	Improve level-of-service	SR 7/US 441 to Florida Turnpike	\$13.1	2031 - 2040
Total					\$1,319.2	

¹ Millions of dollars in year of expenditure

MAJOR CAPITAL PROJECTS NOT INCLUDED WITHIN THE INTERACTIVE MAP

PROJECT	DESCRIPTION	LOCATION	PURPOSE/NEED	COST ¹
Time Period: 2019-2020				
Modern Trolleys	Purchase 15 trolley vehicles	City of Fort Lauderdale	Improve community circulation and connections to regional transit systems	\$5.7
Broward Signal Network	Install Ethernet to Fiber-optics	Northeast Broward County	Improve systemwide traffic operations	\$2.9
FDOT Signal Network	Install Cellular to Fiber-optics	Northeast Broward County	Improve systemwide traffic operations	\$2.9
Broward Signal Network	Install Ethernet to Fiber-optics	Northwest Broward County	Improve systemwide traffic operations	\$2.9
FDOT Signal Network	Install Cellular to Fiber-optics	Northwest Broward County	Improve systemwide traffic operations	\$2.9
Broward Signal Network	Install Ethernet to Fiber-optics	Southeast Broward County	Improve systemwide traffic operations	\$2.9
FDOT Signal Network	Install Cellular to Fiber-optics	Southeast Broward County	Improve systemwide traffic operations	\$2.9
Broward Signal Network	Install Ethernet to Fiber-optics	Southwest Broward County	Improve systemwide traffic operations	\$2.9
FDOT Signal Network	Install Cellular to Fiber-optics	Southwest Broward County	Improve systemwide traffic operations	\$2.9

PROJECT	DESCRIPTION	LOCATION	PURPOSE/NEED	COST ¹
Time Period: 2019-2020 (cont'd)				
Wayfinding Program	Install Wayfinding	City of Fort Lauderdale	Improve systemwide traffic operations	\$1.5
Downtown ITS System	Install ITS system components	Downtown Fort Lauderdale	Improve systemwide traffic operations	\$1.1
Subtotal				\$31.5
Time Period: 2021-2025				
Broward Signal Network	Install Ethernet to Fiber-optics	Northeast Broward County	Improve systemwide traffic operations	\$3.1
FDOT Signal Network	Install Cellular to Fiber-optics	Northeast Broward County	Improve systemwide traffic operations	\$3.1
Broward Signal Network	Install Ethernet to Fiber-optics	Northwest Broward County	Improve systemwide traffic operations	\$3.1
FDOT Signal Network	Install Cellular to Fiber-optics	Northwest Broward County	Improve systemwide traffic operations	\$3.1
Broward Signal Network	Install Ethernet to Fiber-optics	Southeast Broward County	Improve systemwide traffic operations	\$3.1
FDOT Signal Network	Install Cellular to Fiber-optics	Southeast Broward County	Improve systemwide traffic operations	\$3.1
Broward Signal Network	Install Ethernet to Fiber-optics	Southwest Broward County	Improve systemwide traffic operations	\$3.1
FDOT Signal Network	Install Cellular to Fiber-optics	Southwest Broward County	Improve systemwide traffic operations	\$3.1
Subtotal				\$24.8
Time Period: 2026-2030				
Traveler Information	Install DMS components	Airport exits	Improve systemwide traffic operations	\$57.7
Bridge Improvements	Reconstruct bridges	Oakland Park, citywide	System preservation	\$4.5

PROJECT	DESCRIPTION	LOCATION	PURPOSE/NEED	COST ¹
Time Period: 2026-2030 (cont'd)				
FDOT Signal Network	Install Cellular to Fiber-optics	Northeast Broward County	Improve systemwide traffic operations	\$6.7
FDOT Signal Network	Install Cellular to Fiber-optics	Northwest Broward County	Improve systemwide traffic operations	\$6.7
FDOT Signal Network	Install Cellular to Fiber-optics	Southeast Broward County	Improve systemwide traffic operations	\$6.7
FDOT Signal Network	Install Cellular to Fiber-optics	Southwest Broward County	Improve systemwide traffic operations	\$6.7
Subtotal				\$89.0
Time Period: 2031-2040				
FDOT Signal Network	Install Cellular to Fiber-optics	Northeast Broward County	Improve systemwide traffic operations	\$14.7
FDOT Signal Network	Install Cellular to Fiber-optics	Northwest Broward County	Improve systemwide traffic operations	\$14.7
FDOT Signal Network	Install Cellular to Fiber-optics	Southeast Broward County	Improve systemwide traffic operations	\$14.7
FDOT Signal Network	Install Cellular to Fiber-optics	Southwest Broward County	Improve systemwide traffic operations	\$14.7
Subtotal				\$58.8
Total				\$204.1

Notes:

¹ Millions of dollars in year of expenditure