



Florida Department of Transportation

RICK SCOTT
GOVERNOR

3400 West Commercial Boulevard
Fort Lauderdale, FL 33309

ANANTH PRASAD, P.E.
SECRETARY

October 14, 2014

Mr. Gregory Stuart, Executive Director
Broward Metropolitan Planning Organization
100 West Cypress Creek Road
Suite 850
Fort Lauderdale, FL 33309

**SUBJECT: Broward Metropolitan Planning Organization (MPO)
FY 2014/15 – 2018/19 TIP Amendment Request
FM No. 430192-1, Ravenswood Rd. Over Dania Cut-Off Canal Bridge #864028**

Dear Mr. Stuart:

Pursuant to Title 23 and Title 49, the Florida Department of Transportation requests your processing and approval of the attached amendment to the FY 2014/15 – 2018/19 Transportation Improvement Program. This amendment is required because the project cost has increased by more than 20% AND \$2 million and needs to be reflected in the TIP. This Transportation Improvement Program Amendment is consistent with the Adopted Long Range Transportation Plan and the adopted TIP remains financially constrained.

Please contact Arlene Tanis at (954) 777-4651 if you have any questions or need additional information.

Sincerely,

Amie Goddeau, P.E.
District Modal Development Administrator
District Four

At the Broward MPO Board Meeting on 12/11/2014, the above mentioned amendment to the
Date
FY 2014/15 – 2018/19 Transportation Improvement Program was approved.

Mr. Gregory Stuart
Director

Signature

**MPO TRANSPORTATION IMPROVEMENT PROGRAM (TIP) AMENDMENT REQUEST
FORM**

Responsible Agency: FDOT	Title: Intergovernmental Coordinator
Contact Name: Arlene Tanis	Title: Project Manager
Project Manager: Donovan Pessoa	Date: 10/13/2014
Telephone Number: (954) 777-4442	

Project Name: Ravenswood Road Bridge Replacement
Financial Management Numbers: 430192-1-52-01

Project Description:

Ravenswood Road Bridge and road reconstruction from SW 45th Street to SW 42nd Avenue

Impact of Amendment:

The initial bridge dimensions were 161' L x 36' W, the final bridge dimensions are 175' L x 43.62'; in turn the final bridge area is 32% larger than initial. The roadway profile was also raised in excess of 5 feet to satisfy Coast Guard vertical clearance requirements.

The initial construction cost estimate did not consider the roadway work based on the actual project limits, new roadway profile, the Dania Cut Canal dredging (SFWMD requirement for permit approval), and drainage pay items such as inlets and pipes. Also not included in the initial construction costs were the retaining walls necessary to support the roadway for the higher bridge. The cost of some items such mobilization and maintenance of traffic has also doubled due to the increase in project scope and construction time.

Adjustment Required: Approximately \$3.4M (See Attached)

Impact on Other TIP Projects:

N/A

Additional Comments/Information:

1. The initial cost estimate for the bridge was \$817,236 based on a 161' L x 36' W. The total bridge area was 5,796 SF estimated at \$141.00 per SF.
A breakdown of quantities was not prepared.
Initial bridge estimate assumed to have the same profile as the existing. Bridge to be constructed will be approximately 5 feet higher to satisfy the vertical clearance requirements requested by the Coast Guard.
2. The new bridge to be constructed is 175' L x 43.62' W. The total bridge area is equal to 7,633 SF. The new bridge area is 32% larger than initially proposed.
3. The initial cost estimate for the bridge was based on \$141.00 per SF, the current cost estimate is based on \$217.69 per SF.
4. The total roadway cost shown in the initial cost estimate was \$1,353,596.46.
5. The initial project estimate did not consider the roadway work based on the actual project limits, new roadway profile, the Dania Cut Canal dredging (SFWMD requirement for permit approval) and drainage pay items such as inlets and pipes.
6. The cost of some pay items such mobilization and maintenance of traffic has also double because of the increase in project scope and construction time.

7. In this initial estimate the following pay items were not considered:

FDOT # 102 3	COMMERCIAL MATERIAL FOR DRIVEWAY MAINTENANCE
102 14	TRAFFIC CONTROL OFFICER
102 60	WORK ZONE SIGN
102 61	BUSINESS SIGN
102 71 11	BARRIER WALL, TEMPORARY, F&I, CONCRETE
102 74 1	CHANNELIZING DEVICE- TYPES I, II, DI, VP, DRUM, OR LCD
102 76	ARROW BOARD / ADVANCE WARNING ARROW PANEL
102 77	HIGH INTENSITY FLASHING LIGHTS, TEMP, TYPE B
102 78	TEMPORARY RETROREFLECTIVE PAVEMENT MARKER
102 99	PORTABLE CHANGEABLE MESSAGE SIGN, TEMPORARY
102 1 04	TEMPORARY SIGNALIZATION AND MAINTENANCE, INTERSECTION
102107 1	TEMPORARY TRAFFIC DETECTION AND MAINTENANCE, INTERSECTION
145 2	GEOSYNTHETIC REINFORCED FOUNDATION OVER SOFT SOIL
285 7 02	OPTIONAL BASE, BASE GROUP 02
337 7 73	ASPHALT CONCRETE FRICTION COURSE, TRAFFIC C, FC-9.5, PG 76-22, ARB

339 1	MISCELLANEOUS ASPHALT PAVEMENT
400 0 11	CONCRETE CLASS NS, GRAVITY WALL
400 1 2	CONCRETE CLASS I, ENDWALLS

425 1351	INLETS, CURB, TYPE P-5, <10'
425 1541	INLETS, DT BOT, TYPE D, <10'
425 1551	INLETS, DT BOT, TYPE E, <10'
425 1701	INLETS, GUTTER, TYPE S, <10'
425 1703	INLETS, GUTTER, TYPE S, J BOTTOM <10'
425 1891	INLETS, BARRIER WALL, <10'
425 1910	INLETS, CLOSED FLUME
425 2 41	MANHOLES, P-7, <10'
425 2 42	MANHOLES, P-7, >10'
425 2 71	MANHOLES, J-7, <10'
425 5 1	MANHOLE, ADJUST, UTILITIES
430175118	PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 18"S/CD

430175124	PIPE CULVERT,OPTIONAL MATERIAL,ROUND, 24"S/CD
430175136	PIPE CULVERT, OPT MATERIAL, ROUND, 36"S/CD
430984125	MITERED END SECTION, OPTIONAL ROUND, 18" SD
430984129	MITERED END SECTION, OPTIONAL ROUND, 24" SD
460 70 1	ALUMINUM BULLET RAILINGS, SINGLE RAIL
515 2211	PEDESTRIAN / BICYCLE RAILING, STEEL, 42" TYPE 1
520 1 10	CONCRETE CURB & GUTTER, TYPE F
520 6	SHOULDER GUTTER- CONCRETE
521 8 1	CONCRETE TRAFFIC RAILING BARRIER WITH JUNCTION SLAB, 32" F SHAPE
521 8 3	CONCRETE TRAFFIC RAILING BARRIER, WITH JUNCTION SLAB, 32" VERTICAL FACE
522 1	CONCRETE SIDEWALK AND DRIVEWAYS, 4" THICK
522 2	CONC SIDEWALK AND DRIVEWAYS, 6" THICK
524 2 2	CONCRETE SLOPE PAVEMENT,NON REINFORCED, 4"
524 2 4	CONCRETE SLOPE PAVEMENT,NON REINFORCED, 6"
527 2	DETECTABLE WARNINGS
530 3 3	RIPRAP- RUBBLE, BANK AND SHORE
530 3 4	RIPRAP, RUBBLE, F&I, DITCH LINING
530 74	BEDDING STONE
536 1 1	GUARDRAIL -ROADWAY
536 1 5	GUARDRAIL- ROADWAY, THRIE BEAM
536 73	GUARDRAIL REMOVAL
536 82	GUARDRAIL ANCHORAGE- CONCRETE BARRIER
536 85 22	GUARDRAIL END ANCHORAGE ASSEMBLY- FLARED
550 10220	FENCING, TYPE B, 5.1-6.0', STANDARD
550 60232	FENCE GATE, TYPE B, SLIDING/CANTILEVER, 6.1-12' OPENING
570 1 2	PERFORMANCE TURF, SOD
700 1 11	SINGLE POST SIGN, F&I GROUND MOUNT, UP TO 12 SF
700 1 13	SINGLE POST SIGN, F&I GROUND MOUNT, 21-30 SF
700 1 31	SINGLE POST SIGN, F&I BRIDGE MOUNT INDEX 11870, UP TO 12 SF
700 1 60	SINGLE POST SIGN, REMOVE
700 3501	SIGN PANEL, RELOCATE, UP TO 12 SF
700 3601	SIGN PANEL, REMOVE, UP TO 12 SF
710 11290	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, ISLAND NOSE
710 90	PAINTED PAVEMENT MARKINGS, FINAL SURFACE (43019215201)
711 14160	THERMOPLASTIC, PREFORMED, WHITE, MESSAGE
711 14170	THERMOPLASTIC, PREFORMED, WHITE, ARROWS
711 16111	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 6"
711 16211	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SOLID, 6"
710 11122	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 8"
710 11123	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 12"
710 11124	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 18"
710 11125	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 24"

710 11151	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, DOTTED GUIDELINE, 6"
710 11160	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, MESSAGE
710 11170	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, ARROWS
710 11211	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID, 6"
710 11224	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID, 18"
710 11251	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, DOTTED/ GUIDELINE/6-10 GAP EXTENSION, 6"
715 7 11	LOAD CENTER, F&I, SECONDARY VOLTAGE



STIP Amendments

[Home](#)

Fiscal Year: 2015
STIPS Listed: All Open
District: 04

	Status	Amendment #	Fed Fiscal	Date	Assigned MPO Name	Project Name	Notes	Signed		Certified	
								MPO District	Federal Planning Management	Federal Aid	Federal FTA Highway
Close Copy Update	Initial Update Reject Submit		2015	12/11/2014	Broward MPO	RAVENSWOOD RD. OVER DANIA CUT-OFF CANAL BRIDGE #864028	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

The preparation of this report has been financed in part through grant[s] from the Federal Highway Administration and Federal Transit Administration, U.S. Department of Transportation, under the State Planning and Research Program, Section 505 [or Metropolitan Planning Program, Section 104(f)] of Title 23, U.S. Code.

The contents of this report do not necessarily reflect the official views or policy of the U.S. Department of Transportation.

Transportation Improvement Program Amendment
FY2014/15 - 2018 /19
** This STIP is in an MPO Area **

STIP Amendment Number:

TIP Page Number: Attached

On Thursday, December 11, 2014, the Broward MPO Metropolitan Planning Organization amended the Transportation Improvement Program that was developed and adopted in compliance with Title 23 and Title 49 in a continuing, cooperative and comprehensive transportation planning process as a condition to the receipt of federal assistance. By signature below, the MPO representative certifies that the TIP amendment was adopted by the MPO Board as documented in the supporting attachments. **This amendment will be subsequently incorporated into the MPOs TIP for public disclosure.**

The amendment does not adversely impact the air quality conformity or financial constraints of the STIP.

The STIP Amendment is consistent with the Adopted Long Range Transportation Plan. (Page Number:223)

This document has not been approved

Metropolitan Planning Organization Chairman or Designee
Broward MPO

This document has not been approved

FDOT District Representative or Designee District 04

This document has not been approved

Federal Aid Management Manager or Designee

This document has not been approved

Federal Authorization

STIP amendment criteria:

F - The change results in a cost increase that is greater than 20% AND greater than \$2 million.

An air conformity determination must be made by the MPO on amended projects within the non-attainment or maintenance areas

E - The MPO is not in an air quality non-attainment or maintenance area.

Project Name RAVENSWOOD RD. OVER DANIA CUT-OFF CANAL BRIDGE #864028

Status	ITEM	Ver	Description								All Years		
				Fund	Phase	< FY 2015	FY 2015	FY 2016	FY 2017	FY 2018		FY 2019	> FY 2019
Original STIP	430192 1	AD	RAVENSWOOD RD. OVER DANIA CUT-OFF CANAL BRIDGE #864028 LFA 32-02 BROWARD CO, DESIGN OF UTILITIES ON BRIDGE 32-02 LF CHECK REC'D 11/19/2013 \$64,660.45 LFA 56-01 BROW CO WATER & WASTE WATER \$668,893.96 MANAGED BY FDOT			0.00	2,497,401.00	0.00	0.00	0.00	0.00	0.00	2,497,401.00
		ACSB	CST			0.00	2,497,401.00	0.00	0.00	0.00	0.00	0.00	2,497,401.00
		SA	CST			0.00	51,500.00	0.00	0.00	0.00	0.00	0.00	51,500.00
Proposed Project	430192 1	AM	RAVENSWOOD RD. OVER DANIA CUT-OFF CANAL BRIDGE #864028 LFA 32-02 BROWARD CO, DESIGN OF UTILITIES ON BRIDGE 32-02 LF CHECK REC'D 11/19/2013 \$64,660.45 LFA 56-01 BROW CO WATER & WASTE WATER \$668,893.96 MANAGED BY FDOT			0.00	3,842,110.00	0.00	0.00	0.00	0.00	0.00	3,842,110.00
		ACSB	CST			0.00	3,842,110.00	0.00	0.00	0.00	0.00	0.00	3,842,110.00
		EB	CST			0.00	52,714.00	0.00	0.00	0.00	0.00	0.00	52,714.00
		SA	CST			0.00	2,047,287.00	0.00	0.00	0.00	0.00	0.00	2,047,287.00
Funding Source After Change	227142 1	AD	D/W CONST BOX SUPPLEMENTALS/FEDERAL AID CONTINGENCY/CONST MANAGED BY FDOT			0.00	119,282.00	0.00	0.00	0.00	0.00	0.00	119,282.00
		ACSA	CST			0.00	119,282.00	0.00	0.00	0.00	0.00	0.00	119,282.00
		SA	CST			0.00	191,965.00	547,871.00	1,603,144.00	0.00	0.00	0.00	2,342,980.00
Funding Source Balance Before Change						3,704,457.00	547,871.00	1,603,144.00					5,855,472.00
Funding Source Balance After Change						311,247.00	547,871.00	1,603,144.00					2,462,262.00
Net Change to Funding Source						-3,393,210.00							-3,393,210.00
Proposed Project Before Change						2,548,901.00							2,548,901.00
Proposed Project After Change						5,942,111.00							5,942,111.00
Net Change to Project						3,393,210.00							3,393,210.00
Net Change to Funding Source						-3,393,210.00							-3,393,210.00
Net Change to Proposed Project						3,393,210.00							3,393,210.00

Net Change to STIP									
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Notes:STIP Added on: **10/14/2014**; By: **Juan Higuera**; Of: **FI DOT**

[View in Print Suitable Format](#)

This site is maintained by the Office of Work Program and Budget - Federal Aid Management Office, located at 605 Suwannee Street, MS 21, Tallahassee, Florida 32399. For additional information please e-mail questions or comments to:
(Richard Luten: Richard.Luten@dot.state.fl.us or call 850-414-4463)

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MPO TRANSPORTATION IMPROVEMENT PROGRAM (TIP) AMENDMENT REQUEST FORM

Responsible Agency: FDOT and Florida's Turnpike Enterprise
Contact Name: Steve Martino Title: MPO Liaison
Telephone Number: (954) 934-1104
Project Manager: Rebecca Bolan Title: Project Manager
Date: 10/7/2014

Project Name: WIDENING OF SAWGRASS- FROM SOUTH OF SUNRISE BLVD TO TURNPIKE
MAINLINE (MP 1-21)
Financial Management Numbers: 435763-1

Project Description:

Project Development and Environment (PD&E) Study to widen the Sawgrass Expressway from South of Sunrise Boulevard to the Turnpike Mainline in Broward County.

Improvements to the interchanges in the corridor will be evaluated, including I-595/I-75, Sunrise Boulevard, Pat Salerno Drive, Oakland Park Boulevard, Commercial Boulevard, Atlantic Boulevard, Sample Road, Coral Ridge Drive, University Drive, US 441/SR 7, Lyons Road and Florida's Turnpike. Alternatives will include the Build and No Build alternatives.

Impact of Amendment:

This amendment will fund the Preliminary Engineering and Environmental (PD&E) analysis that is needed to evaluate widening the Sawgrass Expressway.

Impact on Other TIP Projects:

The project is being funded by Florida's Turnpike Enterprise and will not impact other TIP projects.

Other Comments:

N/A