



NORTHEAST OHIO AREAWIDE COORDINATING AGENCY

MEMORANDUM

TO: NOACA Board of Directors

FROM: Grace Gallucci, Executive Director

DATE: December 4, 2015

RE: **Resolution 2015-063 – Project Planning Reviews – 2nd Quarter State Fiscal Year (SFY) 2016**

ACTION REQUESTED

The Board of Directors is asked to approve projects proposed for 2nd Quarter SFY 2016 to acknowledge that they have successfully completed project planning review (PPR). The Transportation Subcommittee and the Planning and Programming Committee recommended this action.

BACKGROUND/JUSTIFICATION FOR CURRENT ACTION

Attached is a list of the proposed projects that were presented to the NOACA Transportation Subcommittee (TS) at its September 18, 2015 meeting, the NOACA Planning and Programming Committee at its October 9, 2015 meeting and to the NOACA Executive Committee at its November 13, 2015 meeting in accordance with the PPR process. All three committees have recommended their approval.

NOACA's Regional Transportation Investment Policy (Resolution 2015-015) requires that all proposed federal-aid transportation projects be processed through PPR in order to meet NOACA's adopted goals and federal requirements.

PPR consists of four components: staff review, committee review, intergovernmental review and consultation (IGRC), and public involvement. The end product of PPR is a Board resolution that certifies that the project has had thorough review, allowing the project to proceed to the programming stages of the planning process.

As part of the PPR process, a detailed summary of the proposed improvement and staff and committee assessment of the project are posted on NOACA's website, www.NOACA.org. A link to the PPRs is included on the home page by clicking the 'Comment of Projects' button. Staff adds comments obtained from the public, governmental organizations and NOACA committees as they are received. Proposed projects are posted on the website for three months, allowing adequate time for review and comment.

FINANCIAL IMPACT

There is no financial impact. The proposed projects have completed project planning review consistent with NOACA's planning requirements.

CONCLUSION/NEXT STEPS

Following Board approval, project sponsors will be notified that their project has completed PPR. NOACA staff will work with project sponsors to address any planning issues identified during PPR prior to amendment to the Transportation Improvement Program (TIP).

GG/em/2875b

Attachment: 2nd Quarter PPR Project List

RTA Fiscal Year 2016 Capital Grant Program

Sponsor: RTA

Estimated Total Cost: \$47,385,208 (\$37,908,166 Federal; \$9,477,042 local match)

Proposed Source of Federal Funds: Federal Transit Administration (FTA)

History/Background: RTA reports that its original state fiscal year (SFY) 2016 grant program is listed in the NOACA SFY 2016 – 2019 Transportation Improvement Program and the majority of the program is as originally proposed in the TIP. RTA is adding three new projects to its FFY 2016 program and the TIP. RTA is also seeking to revise and amend three existing grants to re-allocate project funds due to under-runs, over-runs, and revised project priorities and funding sources. RTA's revisions to the FFY 2015, FFY 2013 and FFY 2011 capital formula grant programs reflect these revisions and one new project will be added to the TIP. RTA reports there is no change in funding levels for the grants.

Proposed Project: RTA GCRTA is applying for various sources of funds including Section 5307 Capital Formula, Section 5337 State of Good Repair Formula and Section 5339 Bus Facilities Formulas and a Ladders and Opportunity Grant, as described below:

- The Section 5307 Capital Formula projects include Information Systems ADP Hardware, ADP Software, and Third Party Technical Support, Rail State of Good Repair, Bus Preventative Maintenance, Bus Replacement Program Vehicles And Spare Parts, NOACA Unserved Area Projects, Bus Equipment Program, OCS Replacement and Upgrade Program, Fiber Optic System Upgrade, East 34th Street Station ADA (Americans with Disabilities) Reconstruction and Enhanced Rail ADA Access;
- Section 5337 Rail Formula projects include Rail Preventative Maintenance, East 120th Street Substation Replacement, Puritas Substation Replacement, Rail Infrastructure Program, East 34th Street Station ADA Rehabilitation, On-Call Rail Engineering, Westpark Diamond Crossover Rehabilitation, Rail Grinding Program, Cuyahoga Viaduct Drainage and Concrete Repairs and Warrensville/Van Aken Substation Replacement.
- Section 5339 Bus Facilities Formula projects include Bus Replacement Program Vehicles and Spare Parts.
- Ladders and Opportunity Competitive Grant includes RTA's Career Pathways Program for Workforce Development.

GCRTA is seeking to revise four existing grants to address projected under-runs, over-runs and revised priorities in its capital program as described below:

- 2015 Section 5307 Urban Grant (OH-90-X823) – The grant is proposed to be revised to re-allocate funds on two line items. The Puritas Substation Replacement funding is being reduced and the Brookpark Substation Transformer/Rectifier Replacement is being funded in this grant to complete the project sooner.
- 2014 Section 5307 Urban Grant (OH-90-X809) – The grant is proposed to be revised to re-allocate funds on four line items. The Information Systems Replacement Software and 3rd Party Contracts and the Bus Replacement Program Vehicles are all being reduced and the Red Line West Track Rehabilitation is being funded to start this multi-year program.
- 2013 Section 5307 Urban Grant (OH-90-X782) – The grant is proposed to be revised to re-allocate funds on two line items. The East 81st Street and East 83rd Street Track Bridge

Rehabilitation is under budget and funding being reduced and the East Boulevard Track Bridge Rehabilitation is over budget and funding is being increased.

- 2012 Section 5309 Rail Modernization (OH-05-X105) – The grant is proposed to be revised to re-allocate funds on Light Rail Retaining Wall from design to construction.

Descriptions of the projects ([project descriptions](#)) in the RTA FY 2016 program, a list of projects and their associated costs by ALI (activity line item) are [available in pdf](#).

Staff Comment (Summary):

Programming Division:

- This project is consistent with NOACA's *Connections+ 2035* Goals #3 (Preserve and Improve the Efficiency of the Transportation System), #4 (More Balanced System Enhancing Modal Choice) and #5 (Improve Mobility of the Transit Dependent and Low Income Individuals).
- Recommend committee and public review in order to obtain comments.

Intergovernmental Review and Consultation (IGRC):

Public Involvement:

Committee Review:

Transportation Subcommittee:

- No comments; recommended for Planning and Programming Committee review.

Planning and Programming Committee:

- No comments; recommended for Executive Committee review.

Executive Committee:

- No comments; recommended for Board of Directors' review.

**GREATER CLEVELAND REGIONAL TRANSIT AUTHORITY
FFY 2016 GRANT PROGRAM
PROJECT DESCRIPTIONS**

Section 5307 Capital Formula (OH-90-XXXX)

Information Technology Program – This program is to purchase ADP hardware, ADP software and third party support for the upgrade of our Network Infrastructure, networks, data center, and internet/intranet development. Funds have been programmed in 2016 to purchase ADP Hardware and Software and third party support services in support of these initiatives.

Rail State of Good Repair Program – This project is for the replacement of rail equipment and materials that has reached the end of its useful life. Funds are programmed in 2016 to support the purchase and construction of this equipment and materials.

Preventative Maintenance Bus – Preventive maintenance activities will include the purchase of inventory materials and supplies, equipment, as well as capitalized maintenance expenses (including mechanic labor) for bus operations.

Bus Replacement Program - Vehicles - This project is part of a three-year program to replace a total of 105 40 foot vehicles that have reached the end of their useful life. Funds are programmed in 2016 to support the vehicle purchases.

Bus Replacement Program – Spare Parts - This project is part of a three-year program to replace a total of 105 40 foot vehicles that have reached the end of their useful life. Funds are programmed in 2016 grant for spare parts purchases.

NOACA Unserved Area Projects – This program is for a small portion of the Urbanized Areas funds to be distributed by NOACA to the transit agencies within the region for projects that are competitively selected. The funds are carried in the TIP under GCRTA and non-GCRTA projects are then funded through sub-recipient agreements.

Bus Equipment Program – This project is to purchase equipment for the existing bus fleet that will enhance the safety and security of the vehicles. Funds are programmed in this grant for 2016 to support the equipment purchases.

OCS Replacement and Upgrade – This project is one year of a multi-year effort to replace parts, equipment, and supports for the Overhead Catenary System that are reaching the end of their useful life. Funds have been programmed in 2016 in support of the construction and GCRTA force account costs.

Fiber Optic System Upgrade – This program involves replacement and upgrade of the cable, hardware and nodes supporting our fiber optic network along our rail lines. Funds are programmed in 2016 to support the construction, equipment and force account costs.

East 34th Street Station ADA Reconstruction – This project is for the design and reconstruction of ADA upgrades of the combined heavy and light rail station and platform. Funds are programmed in 2016 for the construction costs.

**GREATER CLEVELAND REGIONAL TRANSIT AUTHORITY
FFY 2016 GRANT PROGRAM
PROJECT DESCRIPTIONS**

Enhanced ADA Access - Rail - This program will utilize enhancement funds to fund the enhancement eligible items included in our various ADA Station Reconstruction and Rehabilitation projects. It represents a majority of GCRTA's annual enhancement projects. For 2016 it is focused improving rail station areas and includes purchase and installation of shelters and other amenities at our rail stations.

Section 5337 State of Good Repair Formula (OH-54-XXXX)

Preventative Maintenance Rail – Preventive maintenance activities will include the purchase of inventory materials and supplies, equipment, as well as capitalized maintenance expenses and maintenance of the rail track right-of-way.

East 120th Substation Replacement - This project is to replace the building and modernize outdated equipment at this 44-year old facility. We will be replacing the building, transformers, rectifiers, and control gear. New fire, electrical, phone and emergency call boxes will be included with the warning systems and meet all new code requirements. Funds are programmed in 2016 in support of the design and project administration costs.

Puritas Substation Replacement - This project is to replace the building and modernize outdated equipment at this 46-year old facility. We will be replacing the building, transformers, rectifiers, and control gear. New fire, electrical, phone and emergency call boxes will be included with the warning systems and meet all new code requirements. Funds are programmed in 2016 in support of the construction costs.

Rail Infrastructure Program - This project funds the acquisition of equipment and materials and construction required to upgrade the rail line infrastructure on RTA's 34 miles of rail track. It will assist RTA in providing safer, faster rail service along the Red, Blue, and Green rail lines. Funds are programmed in 2016 to support this program.

East 34th Street Station ADA Reconstruction – This project is for the design and reconstruction of ADA upgrades of the combined heavy and light rail station and platform. Funds are programmed in 2016 for the construction, GCRTA force account, and third party support during the construction phase costs.

On-Call Rail Engineering Services - This project funds design services to support the GCRTA engineering department. Funds are programmed in 2016 to support this program.

Westpark Diamond Crossover Rehabilitation - This project is for the rehabilitation of this 60 year old crossover that is reaching the end of its useful life. Funds are programmed in 2016 to support the construction of this project.

Rail Grinding Program – This project is for the grinding of the track rail to smooth uneven wear and extend the useful life of the track rail. Funds are programmed in 2016 to support the implementation of this program.

**GREATER CLEVELAND REGIONAL TRANSIT AUTHORITY
FFY 2016 GRANT PROGRAM
PROJECT DESCRIPTIONS**

Cuyahoga Viaduct Drainage & Concrete Repair – This project is for the rehabilitation of the drainage system and the repair of spalling concrete on the Cuyahoga Viaduct. Funds are programmed in 2016 to support the construction and force account costs.

Warrensville/Van Aken Substation Replacement - This project is to replace the building and modernize outdated equipment at this 35-year old facility. We will be replacing the building, transformers, rectifiers, and control gear. New fire, electrical, phone and emergency call boxes will be included with the warning systems and meet all new code requirements. Funds are programmed in 2016 in support of the construction and force account costs.

Section 5339 Bus Facility Grant (OH-34-XXXX)

Bus Replacement Program - This project is part of a three-year program to replace a total of 105 40 foot vehicles that have reached the end of their useful life. Funds are programmed in 2016 to support the vehicle purchases.

Bus Replacement Program – Spare Parts - This project is part of a three-year program to replace a total of 105 40 foot vehicles that have reached the end of their useful life. Funds are programmed in 2016 grant for spare parts purchases.

Section 5322 Ladders of Opportunity Competitive Grant (OH-XX-XXXX)

Career Pathways Program – This program will fund a continuation of our Public Transit Management Academy program and other career development training in support of our succession planning program.

GREATER CLEVELAND REGIONAL TRANSIT AUTHORITY
 FFY 2016 GRANT PROGRAM AND REVISIONS TO FFY 2015, FFY 2014, FFY 2013 and FFY 2012 GRANT PROGRAMS

ALI #	PROJECT & TASK DESCRIPTION	PID #	BUDGET	FEDERAL	LOCAL
Section 5307 FFY 2016 Capital Formula (OH-90-XXXX)					
11.42.07	Information Systems Replacement Hardware	90080	\$166,450	\$133,160	\$33,290
11.42.08	Information Systems Replacement Software	90080	\$161,450	\$129,160	\$32,290
11.71.11	Information Systems 3rd Party Contracts	90080	\$342,700	\$274,160	\$68,540
12.7A.00	Rail State of Good Repair	90114	\$429,510	\$343,608	\$85,902
11.7A.00	Preventative Maintenance - Bus	90148	\$13,129,591	\$10,503,673	\$2,625,918
11.12.01	Bus Replacement Program Vehicles	94687	\$6,815,085	\$5,452,068	\$1,363,017
11.12.40	Bus Replacement Program Spare Parts	94687	\$358,142	\$286,514	\$71,628
12.34.02	NOACA Unserved Area Projects	95019	\$543,750	\$435,000	\$108,750
11.12.40	Bus Equipment Program	97599	\$386,704	\$309,363	\$77,341
12.54.01	OCS Replacement and Upgrade Construction	97601	\$130,493	\$104,394	\$26,099
12.72.08	OCS Replacement and Upgrade Force Account	97601	\$11,355	\$9,084	\$2,271
12.64.02	Fiber Optic System Upgrade Construction	97603	\$4,366,510	\$3,493,208	\$873,302
12.72.08	Fiber Optic System Upgrade Force Account	97603	\$110,250	\$88,200	\$22,050
12.34.02	East 34th Street Station Reconstruction Construction	97608	\$1,814,772	\$1,451,818	\$362,954
12.93.09	Enhanced ADA Access - Rail	99305	\$288,783	\$231,026	\$57,757
			\$29,055,545	\$23,244,436	\$5,811,109
Section 5337 FFY 2016 State of Good Repair Formula (OH-54-XXXX)					
12.7A.00	Preventative Maintenance - Rail	90149	\$6,870,409	\$5,496,327	\$1,374,082
12.51.03	East 120th Street Substation Replacement Design	90156	\$127,400	\$101,920	\$25,480
12.79.00	East 120th Street Substation Replacement Project Admin.	90156	\$38,000	\$30,400	\$7,600
12.54.03	Puritas Substation Replacement Construction	90162	\$1,026,191	\$820,953	\$205,238
12.7A.00	Rail Infrastructure Program	90163	\$864,421	\$691,537	\$172,884
12.34.02	East 34th Street Station Reconstruction Construction	97608	\$1,412,029	\$1,129,623	\$282,406
12.71.04	East 34th Street Station Reconst. 3rd Party Const. Mgmt.	97608	\$57,881	\$46,305	\$11,576
12.72.08	East 34th Street Station Reconstruction Force Account	97608	\$115,318	\$92,254	\$23,064
12.7A.00	On Call Rail Engineering Services	99307	\$200,000	\$160,000	\$40,000
12.24.03	Westpark Diamond Crossover Rehabilitation Construction	99320	\$459,271	\$367,417	\$91,854
12.21.03	Rail Grinding Program	99321	\$488,029	\$390,423	\$97,606
12.24.05	Cuyahoga Viaduct Drainage & Concrete Repair Construction		\$1,885,600	\$1,508,480	\$377,120
12.72.08	Cuyahoga Viaduct Drainage & Concrete Repair Force Acct.		\$100,000	\$80,000	\$20,000
12.54.03	Warrensville/Van Aken Substation Replacement Construction		\$1,642,000	\$1,313,600	\$328,400
12.72.08	Warrensville/Van Aken Substation Replacement Force Acct.		\$100,000	\$80,000	\$20,000
	Total		\$15,386,549	\$12,309,239	\$3,077,310
Section 5339 FFY 2016 Bus Facilities Grant (OH-34-XXXX)					
11.12.01	Bus Replacement Program Vehicles	94687	\$2,360,389	\$1,888,311	\$472,078
11.12.40	Bus Replacement Program Spare Parts	94687	\$73,000	\$58,400	\$14,600
	Total		\$2,433,389	\$1,946,711	\$486,678
Section 5322 FFY 2016 Ladders of Opportunity Grant (OH-XX-XXXX)					
60.20.00	Career Pathways Program		\$815,520	\$407,760	\$407,760
	Total		\$815,520	\$407,760	\$407,760
Section 5307 FFY 2015 Capital Formula (OH-90-X823) Revisions					
12.54.03	Puritas Substation Replacement Construction	90162	-\$1,026,250	-\$821,000	-\$205,250
12.54.03	Brookpark Substation Transformer/Rectifier Replacement	99322	\$1,026,250	\$821,000	\$205,250
	Total		\$0	\$0	\$0
Section 5307 FFY 2014 Capital Formula (OH-90-X809) Revisions					
11.42.08	Information Systems Replacement Software	90080	-\$190,000	-\$152,000	-\$38,000
11.71.11	Information Systems 3rd Party Contracts	90080	-\$356,500	-\$285,200	-\$71,300
11.12.01	Bus Replacement Program Vehicles	94687	-\$2,103,843	-\$1,683,074	-\$420,769
12.24.03	Red Line - West Track Rehabilitation Program		\$2,650,343	\$2,120,274	\$530,069
	Total		\$0	\$0	\$0
Section 5307 FFY 2013 Capital Formula (OH-90-X782) Revisions					
12.24.05	East 81st & 83rd Track Bridge Rehabilitation Construction	90102	-\$1,062,500	-\$850,000	-\$212,500
12.24.05	East Boulevard Track Bridge Rehabilitation Construction	90101	\$1,062,500	\$850,000	\$212,500
	Total		\$0	\$0	\$0
Section 5309 FFY 2012 Rail Grant (OH-05-X105) Revisions					
12.21.03	Light Rail Retaining Wall Design	90170	-\$320,000	-\$256,000	-\$64,000
12.24.03	Light Rail Retaining Wall Construction	90170	\$320,000	\$256,000	\$64,000
	Total		\$0	\$0	\$0
	Grand Total		\$47,691,003	\$37,908,146	\$9,782,857

Bridge Rehabilitation Project in Lorain

Sponsor: ODOT District 3

Estimated Total Cost: \$26,916,047

Proposed Source of Federal Funds: ODOT

LOR US-6 - 9.67: PID No. 92013 - This project is included in the ODOT District 3 Major Bridge Program. The project involves the rehabilitation of a bascule bridge on US-6 (West Erie Avenue), over the Black River, in Lorain (location map). The work includes major rehabilitation on the deck areas, structural steel repair, painting the structural steel, upgrading and replacing guardrail, substructure and approach work. The estimated total cost, provided by the sponsor, is \$26, 916,047. The estimated cost of preliminary engineering preliminary development (PEPD) is \$1,722,729. The estimated cost of preliminary engineering detailed design (PEDD) is \$91,118. The estimated construction cost is \$25,102,200. The project will be ready to construct by October 2017.

Staff Comment (Summary):

Programming Division:

- This project is consistent with NOACA's *Connections* 2035* Goal #3 (Preserve and Improve the Efficiency of the Transportation System).
- Recommend committee and public review in order to obtain comments.

Intergovernmental Review and Consultation (IGRC):

Public Involvement:

Committee Review:

Transportation Subcommittee:

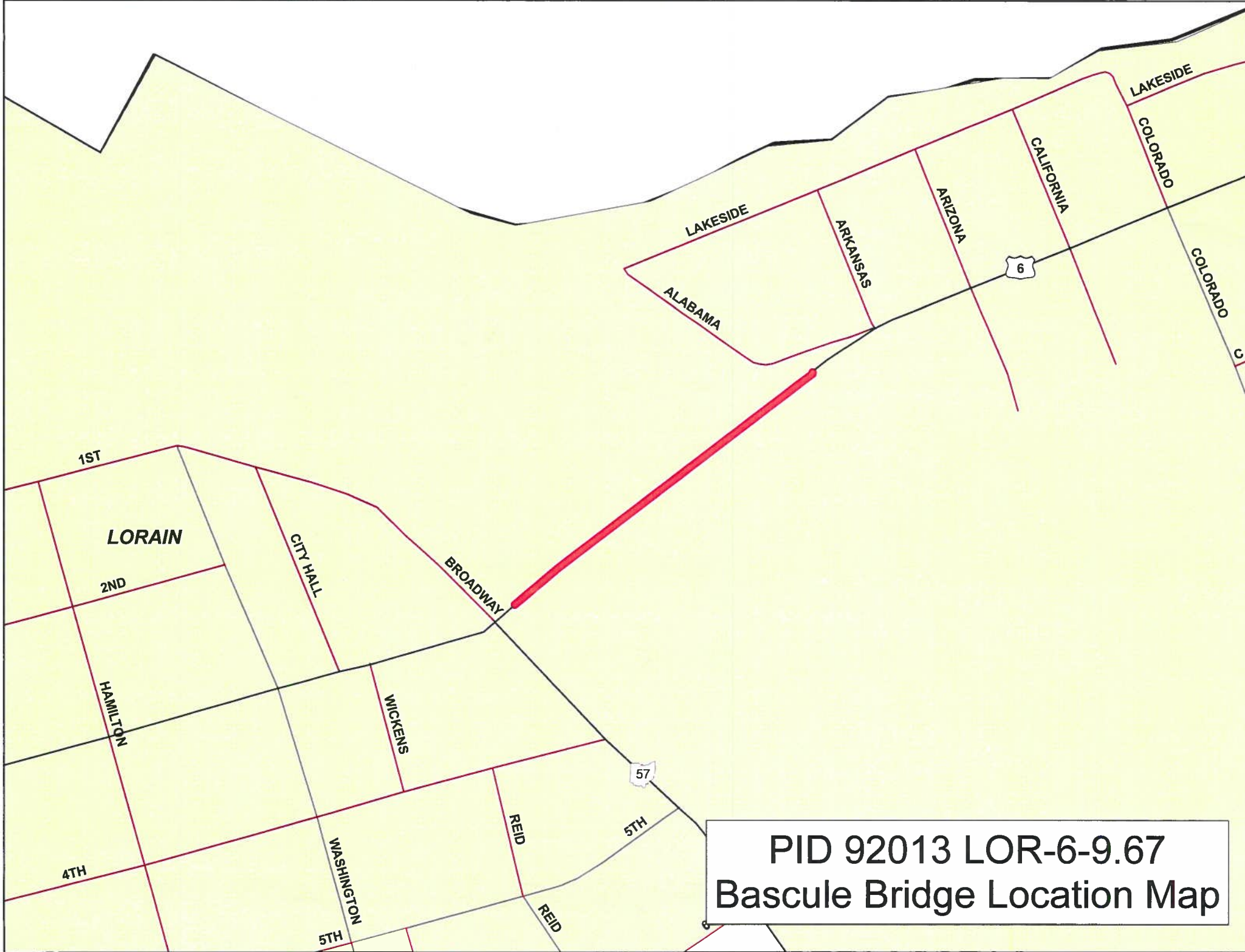
- No comments; recommended for Planning and Programming Committee review.

Planning and Programming Committee:

- No comments; recommended for Executive Committee review.

Executive Committee:

- No comments; recommended for Board of Directors' review.



PID 92013 LOR-6-9.67
Bascule Bridge Location Map

**RESOLUTION NO. 2015-063
(PROJECT PLANNING REVIEWS
2nd QUARTER SFY 2016)**

**RESOLUTION OF THE BOARD OF DIRECTORS
OF THE
NORTHEAST OHIO AREAWIDE COORDINATING AGENCY**

WHEREAS, the Northeast Ohio Areawide Coordinating Agency (NOACA) is the Metropolitan Planning Organization (MPO) for the counties of Cuyahoga, Geauga, Lake, Lorain, and Medina, and the areawide water quality management agency for the same region; and

WHEREAS, the Congress of the United States, through law, and the U.S. Department of Transportation, through regulation, have determined that a long-range transportation plan and a Transportation Improvement Program (TIP) that include federal-aid transportation projects expected to be implemented during their time frames shall be prepared; and

WHEREAS, the NOACA's Regional Transportation Investment Policy (Resolution No. 2015-015) requires that all proposed federal-aid transportation projects be processed through project planning review in order to meet transportation plan goals and federal requirements; and

WHEREAS, project planning review consists of staff technical and policy assessment, committee review, public involvement, and Intergovernmental Review and Consultation; and

WHEREAS, the following projects have been processed through project planning review:

- a) **Greater Cleveland Regional Transit Agency (GCRTA), SFY 2016 Capital Grant Program -** GCRTA is adding three new projects to its FFY 2016 program and the TIP. GCRTA is also seeking to revise and amend three existing grants to re-allocate project funds due to under-runs, over-runs, and revised project priorities and funding sources. GCRTA's revisions to the FFY 2015, FFY 2013 and FFY 2011 capital formula grant programs reflect these revisions and one new project will be added to the TIP.
- b) **LOR US-6 - 9.67: PID No. 92013 -** The project involves the rehabilitation of a bascule bridge on US-6 (West Erie Avenue), over the Black River, in Lorain. The work includes major rehabilitation on the deck areas, structural steel repair, painting the structural steel, upgrading and replacing guardrail, substructure and approach work.

WHEREAS, the project planning reviews may contain recommendations that require project sponsor attention or action; and

WHEREAS, it is expected that the project sponsors will, in good faith, endeavor to address comments and recommendations and will provide evidence of such, prior to the projects advancing; and

WHEREAS, the above project planning reviews were recommended by the Transportation Subcommittee, the Planning and Programming Committee and the Executive Committee.

NOW, THEREFORE, BE IT RESOLVED by the Board of Directors of the Northeast Ohio Areawide Coordinating Agency, consisting of 45 principal officials serving general purpose local governments throughout and within the counties of Cuyahoga, Geauga, Lake, Lorain, and Medina that:

**RESOLUTION NO. 2015-063
(PROJECT PLANNING REVIEWS
2nd QUARTER SFY 2016)**

Section 1: The projects in attachment 1 have successfully completed project planning review. The project planning reviews are a part of the projects' permanent record, and will be used in future programming and prioritization decisions. The projects are not subject to additional planning review unless there are significant changes in scope or finances, as determined by the appropriate committee.

Section 2: The project sponsors must endeavor to comply with any recommendations that have occurred as a result of the project planning review and will provide evidence of such in coordination meetings with NOACA staff. NOACA staff will report back to appropriate NOACA committees and the Board regarding the coordination meetings.

Section 3: The Executive Director is authorized to transmit certified copies of this resolution to appropriate federal, state, and local agencies.

Certified to be a true copy of a Resolution of the Board of Directors of the Northeast Ohio Areawide Coordinating Agency adopted this 11th day of December 2015.

Secretary: 

Date Signed: 12-11-15