

# KENTUCKY'S PUBLIC RIVERPORTS



Lynn J. Soporowski, P.E.

Kentucky Transportation Cabinet

Division of Planning

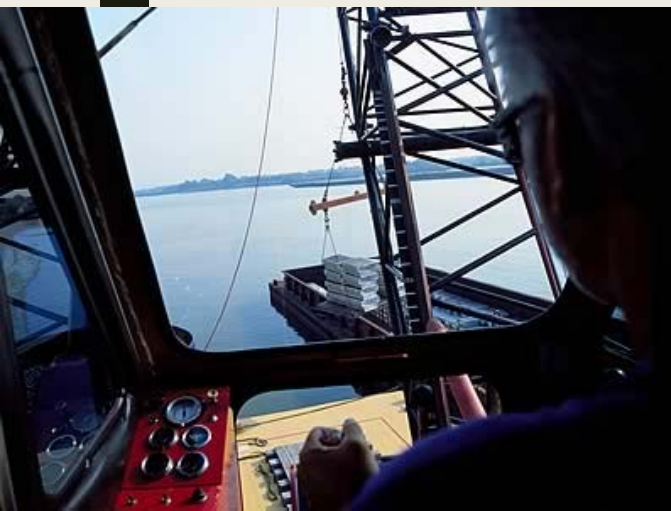
Multimodal Programs Branch Manager



# Riverport Annual Report



- How we spent the funds?
- What kind of projects?
- How can you help in the future?
  - *Put allotment in the trust fund*
  - *Eliminate limits on contracts*
  - *Increase in funding*



# FY 2016 Project List

ROI= 422%

Applicant	Project Title	Estimated Total Cost	KRI Funds Requested	KRI Funds Awarded
Hickman Riverport Authority	Dock Dredging #2	\$ 50,150	\$ 25,075	\$ 25,075
Greenup Boyd Riverport Authority	Installation of Rail & Switch	\$ 188,000	\$ 94,000	canceled
Eddyville Riverport Authority	Agri-Port Road Widening	\$ 78,500	\$ 39,250	\$ 39,250
Greenup Boyd Riverport Authority	Crossties & Crossing Repair	\$ 128,430	\$ 64,215	\$ 64,215
Hickman Riverport Authority	Crane Replacement	\$ 1,500,000	\$ 250,000	\$ 200,000
Hickman Riverport Authority	Grain Conveyor Access	\$ 10,850	\$ 5,425	\$ 5,425
Owensboro Riverport Authority	Railroad Maintenance & Repair	\$ 176,515	\$ 88,258	\$ 88,258
Owensboro Riverport Authority	Solvay Milling Facility Paving	\$ 166,533	\$ 83,267	\$ 77,778
Hickman Riverport Authority	Scale Access Paving	\$ 14,500	\$ 7,250	
	<b><u>Totals</u></b>	<b>\$ 2,313,478</b>	<b>\$ 656,739</b>	<b>\$ 500,000</b>



# FY 2017 Project List

ROI= 212%

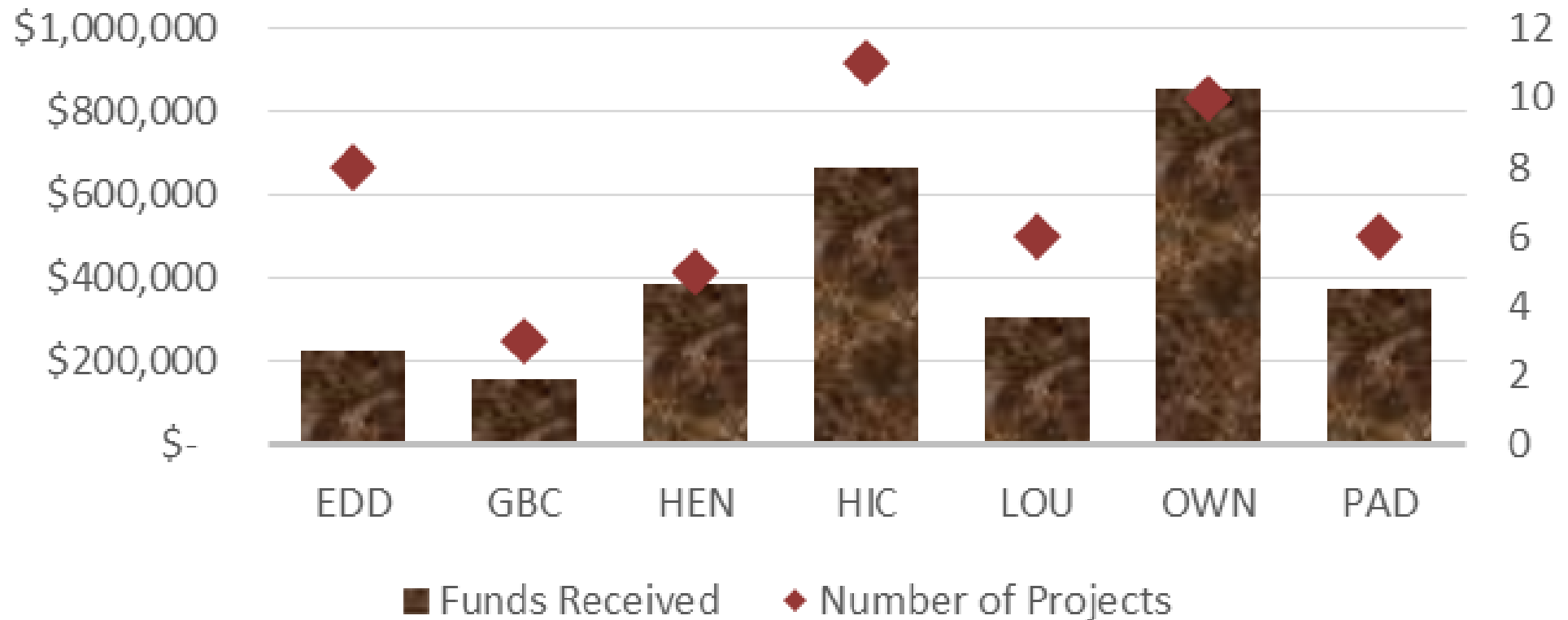
Applicant	Project Title	Estimated Total Cost	KRI Funds Requested	KRI Funds Awarded
Hickman Riverport Authority	Dock Dredging #3	\$50,400.00	\$25,200.00	\$25,200.00
Paducah Riverport Authority	Dock Dredging #1	\$79,460.00	\$39,730.00	\$39,730.00
Eddyville Riverport Authority	Truck Queuing & Grain Pit Imprvmt	\$150,000.00	\$75,000.00	\$75,000.00
Owensboro Riverport Authority	Inner Loop Road	\$67,409.00	\$33,704.50	\$33,704.50
Paducah Riverport Authority	Truck Scale Replacement	\$91,083.00	\$45,541.00	\$45,541.00
Hickman Riverport Authority	Crane Bridge Resurface	\$120,000.00	\$60,000.00	\$60,000.00
Henderson Riverport Authority	Crane Restoration	\$500,000.00	\$250,000.00	\$220,824.50
Hickman Riverport Authority	Cargill Conveyor Replacement Proj	\$2,500,000.00	\$500,000.00	
Hickman Riverport Authority	Conveyor Upgrade Project	\$250,000.00	\$125,000.00	
Hickman Riverport Authority	Scale Access Paving Project	\$14,500.00	\$7,250.00	
Louisville Jefferson Co Riverport Au	Railroad Rehabilitation	\$200,000.00	\$100,000.00	
Owensboro Riverport Authority	New Access Road and Trailer Stora	\$314,236.00	\$157,118.00	
Owensboro Riverport Authority	Turning Lane on KY 331 to Port	\$55,040.00	\$27,520.00	
	<b>Total</b>	<b>\$4,392,128.00</b>	<b>\$1,446,063.50</b>	<b>\$500,000.00</b>

# FY 2018 Project List

ROI= 225%

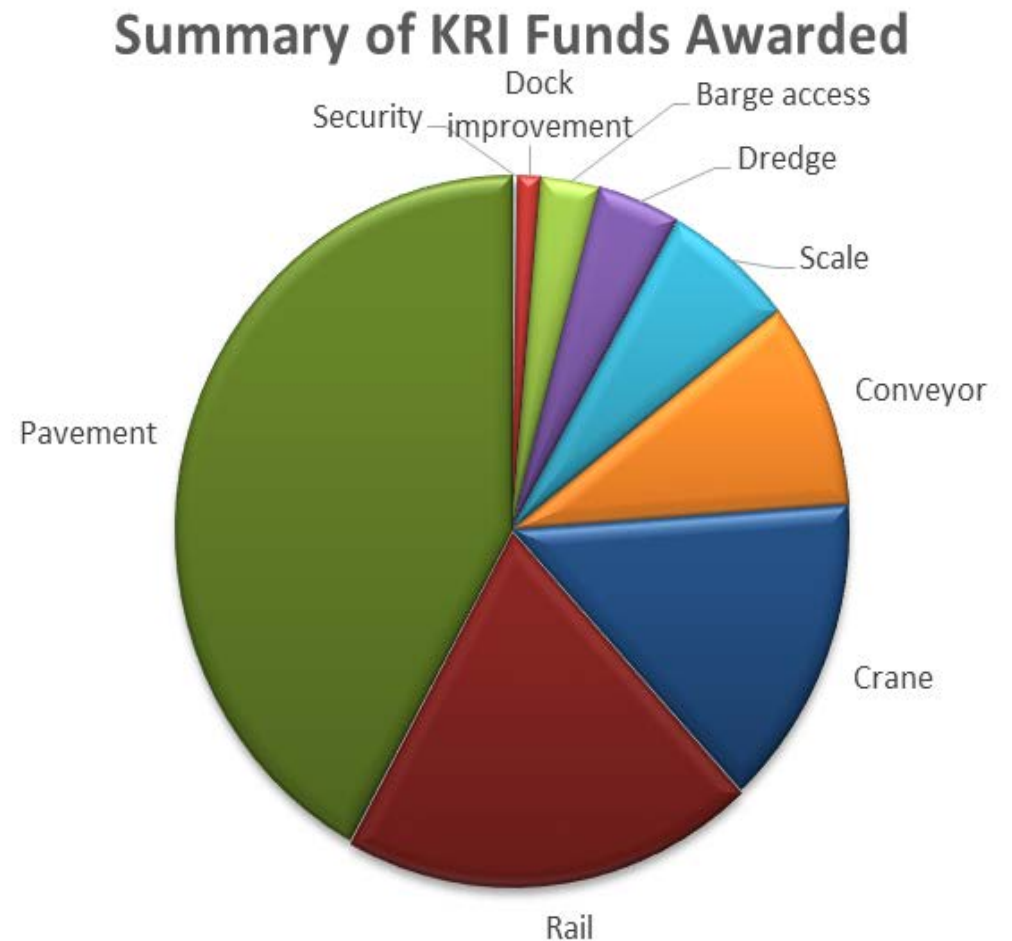
Applicant	Project Title	Estimated Total Cost	KRI Funds Requested	KRI Funds Awarded *
Paducah Riverport Authority	Conveyor Refurb	\$ 196,000	\$ 98,000	\$ 87,318
Hickman Riverport Authority	Conveyor Upgrade	\$ 300,000	\$ 150,000	\$ 133,650
Louisville Jefferson Rvrpt Authrty	Tie Replacement	\$ 215,000	\$ 107,500	\$ 95,783
Owensboro Riverport Authority	Truck/Trailer Staging Area	\$ 403,436	\$ 201,718	\$ 178,250
Hickman Riverport Authority	Dredging	\$ 201,600	\$ 100,800	
Paducah Riverport Authority	Bulk Yard Pavement Project	\$ 64,000	\$ 32,000	
Paducah Riverport Authority	General Cargo Pavement Phase 1	\$ 240,000	\$ 120,000	
Hickman Riverport Authority	Warehouse Access	\$ 301,438	\$ 150,718	
Hickman Riverport Authority	Cargill Conveyor Replacement	\$ 2,500,000	\$ 500,000	
Eddyville Riverport Authority	Master Plan (not eligible)	\$ 130,000	\$ 65,000	
* Due to 1% reduction in General Funds	<b><u>Total</u></b>	<b><u>\$ 4,551,474</u></b>	<b><u>\$ 1,525,736</u></b>	<b><u>\$ 495,000</u></b>

# DISTRIBUTION OF PROJECTS AND FUNDS FY 2013-2018



# Project Breakdown FY 2013-2018

<u>Project Type</u>	<u>KRI Funds Awarded</u>	<u>Percent</u>
Pavement	\$ 1,242,759	42%
Rail	\$ 588,681	20%
Crane	\$ 420,825	14%
Conveyor	\$ 278,625	9%
Scale	\$ 187,455	6%
Dredge	\$ 117,505	4%
Barge Access	\$ 82,996	3%
Dock Imprvm	\$ 32,500	1%
Security	\$ 7,500	0%
<b>Grand Total</b>	<b>2,958,845</b>	



# Funds Lost

- FY2013 to improve rail facilities for \$50,000
- Railroad decided to terminate rail service to the riverport.
- **Funds no longer available to the riverports**
- Funds were returned to the General Fund
- Similar events in FY 16, 17,18





# Place funds in Riverport Financial Assistance Trust Fund

## ■ Current Process

- *Loss of funds if project canceled or under bid*
- *Problems with Audits*

## ■ KRS 174.210 Created-

- *Riverport Financial Assistance Trust Fund*
- *Allows for longer planning*
- *Allow for larger construction*



# 174.210 Riverport Financial Assistance Trust Fund

## July 15, 2010

- 1) ...administered by the Transportation Cabinet.
- 2) ...may receive **appropriations, federal funds, contributions, gifts, and donations.**
- 3) The purpose ... to **improve riverport facilities** and infrastructure, to capture the economic and trade potential ... **shall not include routine operations, maintenance...**
- 4) Notwithstanding KRS 45.229, moneys remaining in the fund **...shall not lapse but shall carry forward ...Interest earned ...shall accrue to the fund.**
- 5) **Minimum 20% match**



# KRS 154.80-140

## Riverport Marketing Assistance Trust Fund



1. ... to be administered by the Cabinet for Economic Development.
2. ...may receive appropriations, federal funds, contributions, gifts, and donations.
3. ...to promote and market Kentucky's riverport to industrial, business, and commercial prospects, to attract economic development. ...
4. Notwithstanding KRS 45.299, moneys ...shall carry forward into the succeeding fiscal year....
5. Grants under this section shall not exceed \$15,000/project or \$30,000/port/year...shall be completed within one (1) year of funding...applicant ...at least a 50% match...,

# Problem with franchise limits of 20 years

## KY Constitution Section 164

- No county, city, town, taxing district or other municipality shall be ...permitted to ...make any contract...for a term exceeding twenty years. Before granting such franchise or privilege ...municipality shall first, after due advertisement, receive bids therefor publicly, and award the same to the highest and best bidder... This section shall not apply to a trunk railway.
- Text as revised September 28, 1891.
- ❖ Businesses want/need long term agreements to make their private investment lucrative---50+ years





# FY 16 & 17 Eddyville-Lyons Co. Riverport and Industrial Development Authority

## Expanded Truck Queuing, Improved Grain Pit Access And Technology.

Eddyville Riverport	\$114,250
KRI	\$114,250
Total	\$228,500



Before



After





# FY 16 Greenup-Boyd County Riverport Authority

## 4 Railroad Crossing and 176 Cross-tie Replacement

Greenup Boyd Riverport	\$64,215
KRI	\$64,215
Total	\$ 128,430

\*CSXT Replaced additional 176 ties in partner project







# FY 17 Henderson County Riverport Authority

## Dock Crane Restoration Project

KYTC Grant Award	\$223,000
Delta Reg Authority	\$250,000
Henderson Riverport	\$527,000
<u>Total Cost Approx.</u>	<u>\$1,000,000</u>



Crane dismantled May 2017

Crane Installation Sept. 2017





Annual Revenue \$2-2.5 million

Employees 11

Railroad Access 2 on-site loop  
CSX Service

Crane 125 ton

Annual Investment ~ \$100k





# FY 14, 16, 17 Hickman Fulton County Riverport Authority

## Dredging Slack water harbor

### Funding:

Hickman Riverport		\$77,775
KRI Funding	2014	\$27,500
KRI Funding	2016	\$25,075
KRI Funding	2017	\$25,200
<b>Total</b>		<b><u>\$155,550</u></b>

Partnership with  
US Army Corp of Engineers  
US Coast Guard  
Mississippi County Ferry  
Hickman Riverport







# FY 16 Hickman Fulton County Riverport Authority

## Crain Replacement

Replaces 40 yr old crane

Increase capacity by 150%

Hickman-Fulton Riverport	\$350,000
Delta Regional Authority	\$200,000
KRI Funding	\$200,000
<b>Total</b>	<b>\$750,000</b>







# FY 18 Hickman Fulton County Riverport Authority

## Conveyor Replacement

Replaces conveyor from 1974  
Increase capacity by 150%

### Funding:

Hickman-Fulton	\$1,000,000
Cargill Inc.	\$1,000,000
KRI Funding	\$500,000
<b>Total</b>	<b>\$2,500,000</b>



Cargill Conveyor Replacement

Conveyor





**Jefferson  
Riverport  
International**

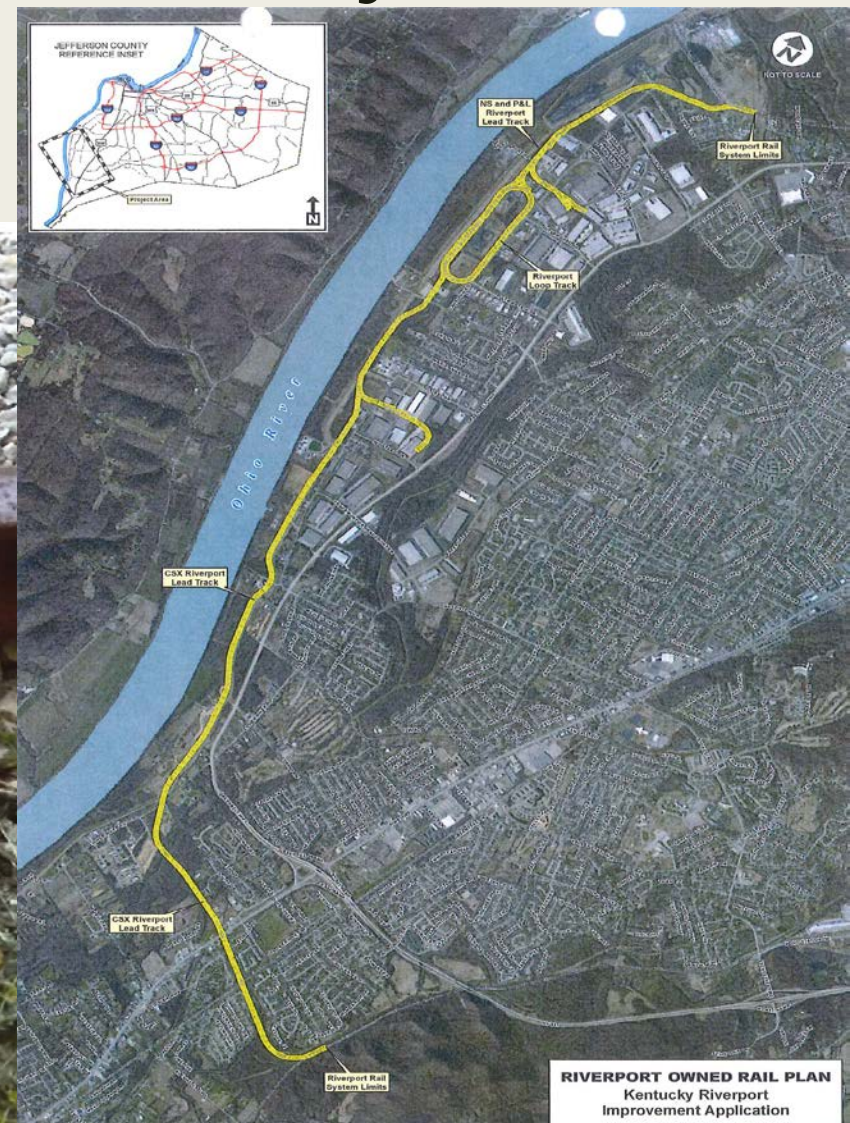
# FY 13,14,15,18 Louisville Jefferson County Riverport Authority

## Rail Rehabilitation

Replace 1770 cross ties  
With new plates, spikes,  
anchors, and ballast

### Louisville Riverport

	\$261,750
KRI 13	\$50,000
KRI 14	\$50,000
KRI 15	\$55,555
KRI 18	\$88,200
<u>Total</u>	<u>\$526,110</u>



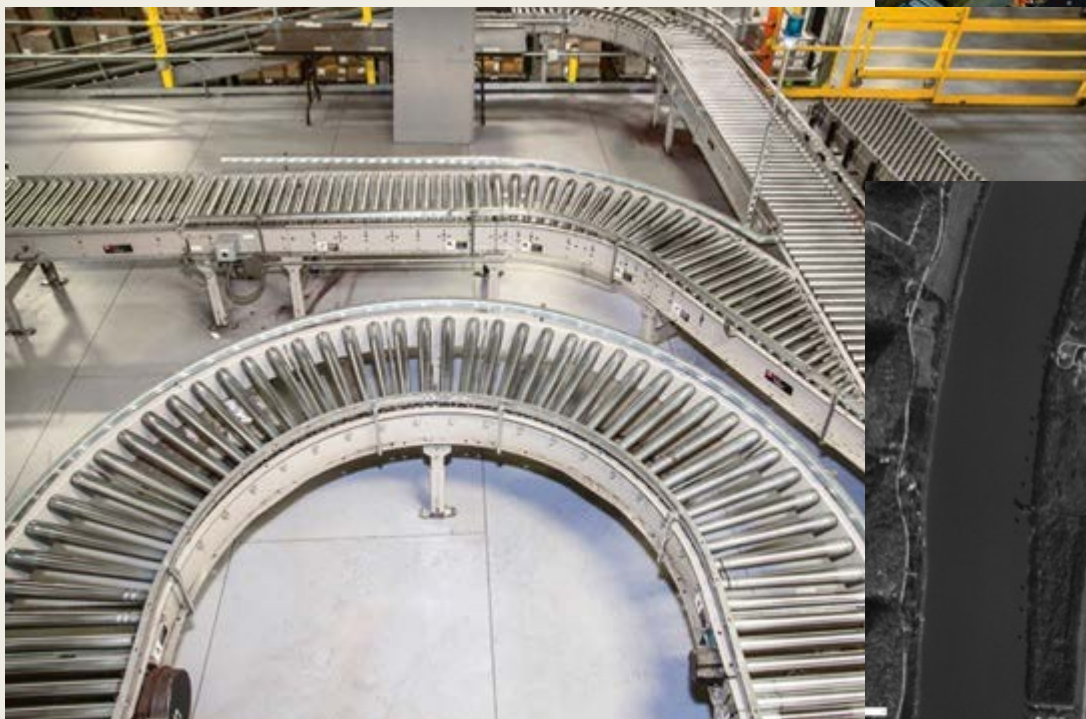




**Jefferson  
Riverport  
International**

# 225,000 tons Throughput

1. Petroleum coke
2. Clay
3. Coal
4. Steel Coils
5. Steel Wire Coils
6. Potash
7. Recycled Fluids
8. Steel Re-bar
9. Scrap Metal
10. Minerals





# FY 17 Owensboro Riverport Authority

## Security/Inner Loop Road

Single access point for external traffic

Secure Gate 24/7/365

Detour to guard building

Safe parking for truckers

Owensboro Riverport	\$ 33,704
KRI	\$ 33,704
<u>Total</u>	<u>\$67,409</u>

\*Design, Utilities, & Right-of-Way  
phases paid by Owensboro Riverport



# Kentucky Riverport Improvement 2013-2017 Grants

Year	Project	Project cost	Award
2013	Asphalt (Harbor Road)	183,864.00	91,932.00
2013	Asphalt (Rinaldo Access)	230,000.00	115,000.00
2013	Asphalt (Access Spur)	100,000.00	50,000.00
2013	Railroad maintenance	52,768.00	26,384.00
2014	Semi Truck Scales	211,652.00	105,826.00
2015	Asphalt (Bunge Access)	167,300.00	83,650.00
2015	Railroad Maintenance	176,515.00	88,257.50
2016	Asphalt (Solvay Access)	166,533.00	77,777.50
2016	Asphalt (Security Access)	67,409.00	33,705.40
2017	Truck Parking & Staging	403,436.00	178,249.50
		<b>1,759,477.00</b>	<b>850,781.90</b>



# *Private Investment*

Year	Company	Infrastructure	Investment	Jobs
2008	Crop Production Services	50,000 sq. ft. fertilizer storage facility	\$10,500,000	6
2010	Growmark, White River, Southern States, Superior Ag	6,000,000 gallon liquid fertilizer tanks with load out facility	\$3,500,000	1
<b>2014</b>	<b>Solvay Chemical</b>	<b>40,000 sq. ft. tolling and storage facility</b>	<b>\$24,000,000</b>	<b>8</b>
2017	Bunge North America	100,000 bushel storage and conveyor upgrade	\$975,000	8
2017	Tessenderlo Kerley	1,000,000 gallon liquid fertilizer tank	\$700,000	1
			<b>\$39,675,000</b>	<b>24</b>



1976-2016

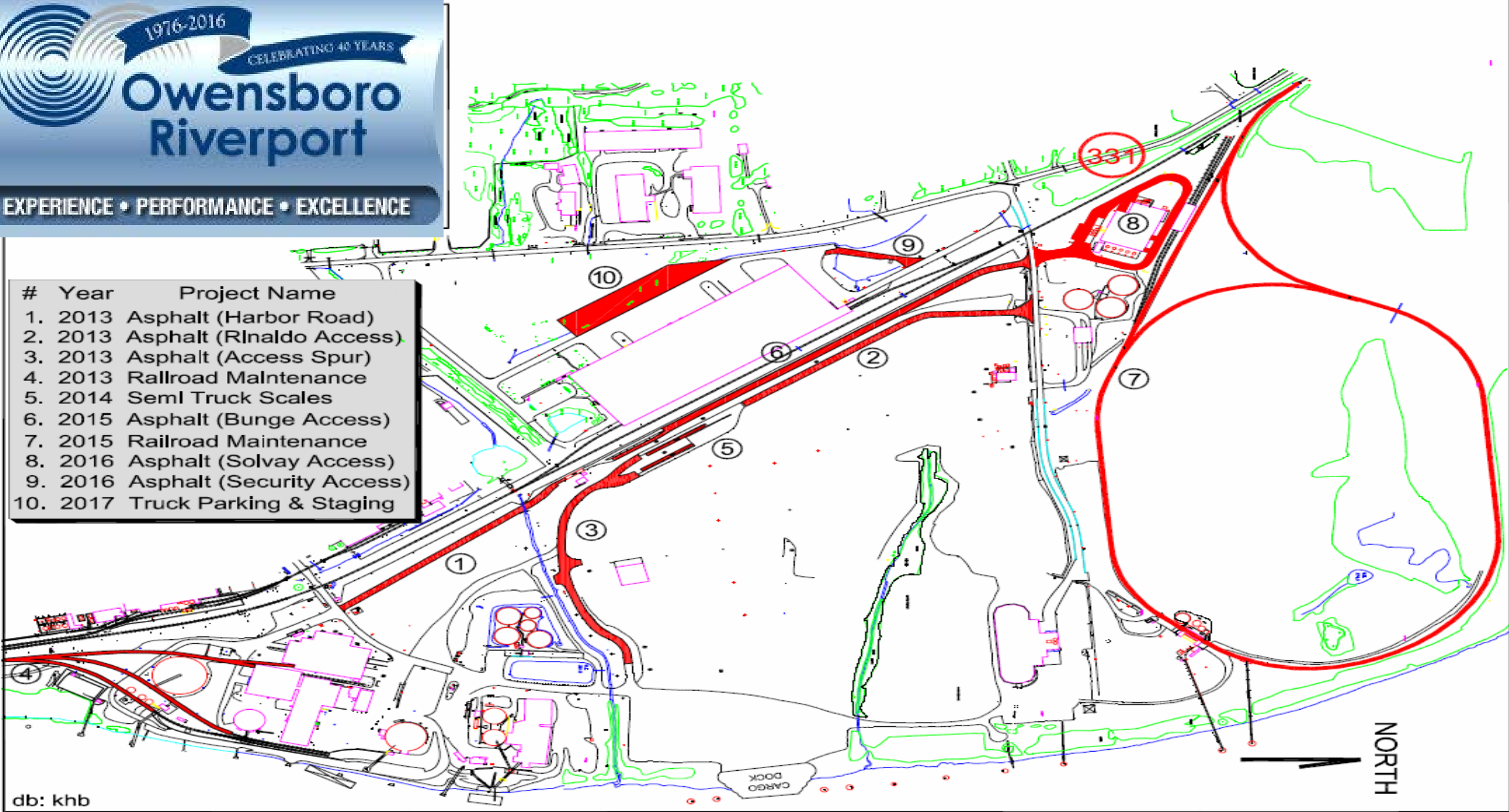
CELEBRATING 40 YEARS

# Owensboro Riverport

EXPERIENCE • PERFORMANCE • EXCELLENCE

#	Year	Project Name
1.	2013	Asphalt (Harbor Road)
2.	2013	Asphalt (Rinaldo Access)
3.	2013	Asphalt (Access Spur)
4.	2013	Railroad Maintenance
5.	2014	Semi Truck Scales
6.	2015	Asphalt (Bunge Access)
7.	2015	Railroad Maintenance
8.	2016	Asphalt (Solvay Access)
9.	2016	Asphalt (Security Access)
10.	2017	Truck Parking & Staging

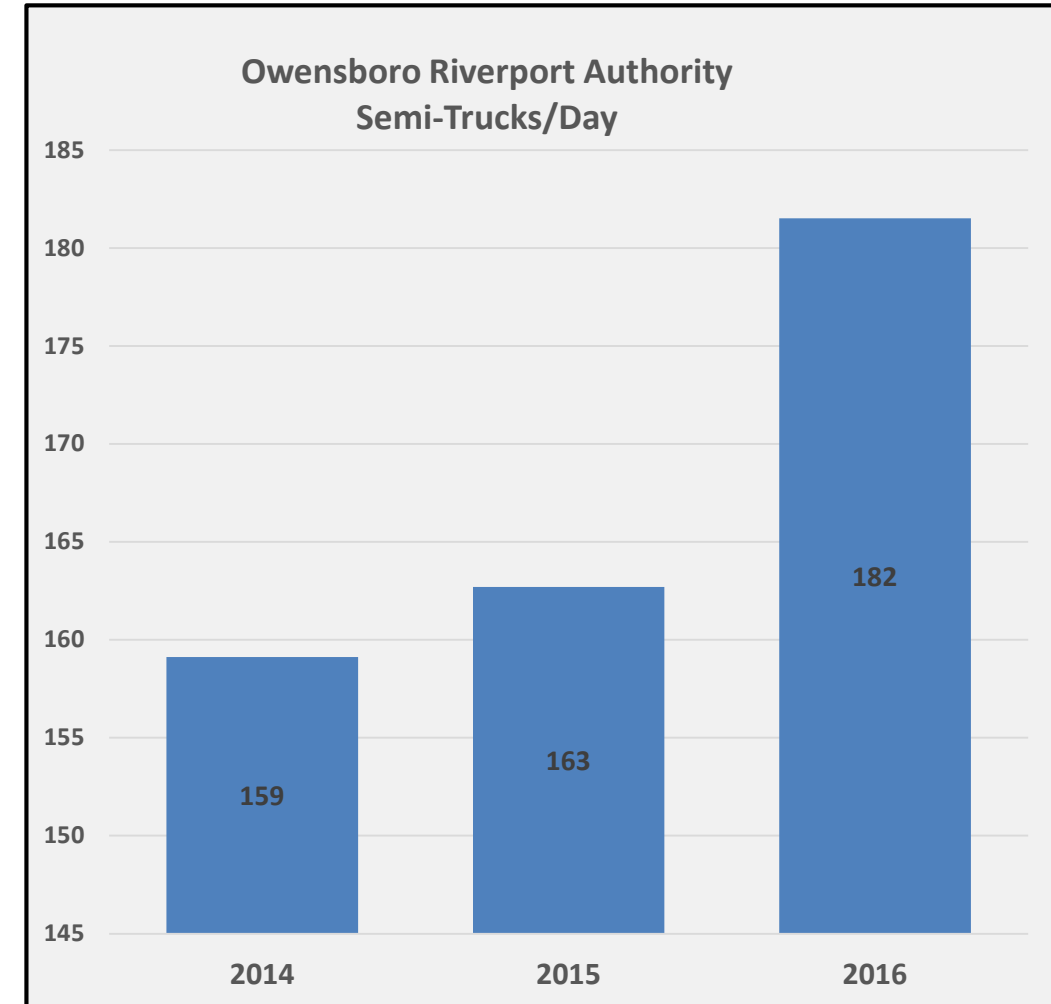
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# *Increase in Commodities*

## Owensboro Riverport Tonnage by Commodity 2016-17

Commodity	Total (Net Tons)
<b>Aluminum</b> (Barge, Rail, Truck)	287,633
<b>Grain</b> (Inbound/Outbound Barge, Rail, Truck)	221,828
<b>Dry Fertilizer</b> (Inbound Barge, Rail, Truck)	210,150
<b>Styrene</b> (Inbound Barge)	173,513
<b>Paper</b> (Inbound/outbound Rail, Truck)	66,125
<b>Sodium Bicarbonate</b> (Inbound Rail)	49,016
<b>Liquid Fertilizer</b> (Inbound Barge, Rail)	31,623
<b>Steel</b> (Inbound/outbound Barge)	16,897
<b>Bulk Micellaneous</b>	11,637
<b>Total (Net Tons)</b>	<b>1,068,422</b>
<b>Prior Year 2015-16</b>	<b>1,046,386</b>







# FY 17 Paducah McCracken County Riverport Authority

## Dock Dredging

Paducah Riverport	\$39,730
KRI	\$39,730
<u>Total</u>	<u>\$79,460</u>



Before

*Barges can  
dock closer to  
the cell and  
remain safely  
level during  
loading and  
unloading*



After





# FY 17 Paducah McCracken County Riverport Authority

## Truck Scale

Paducah Riverport	\$45,541
KRI	\$45,541
<u>Total</u>	<u>\$91,083</u>



Old Scales



New Scales





# FY 18 Paducah McCracken County Riverport Authority

## Conveyor Refurbishment

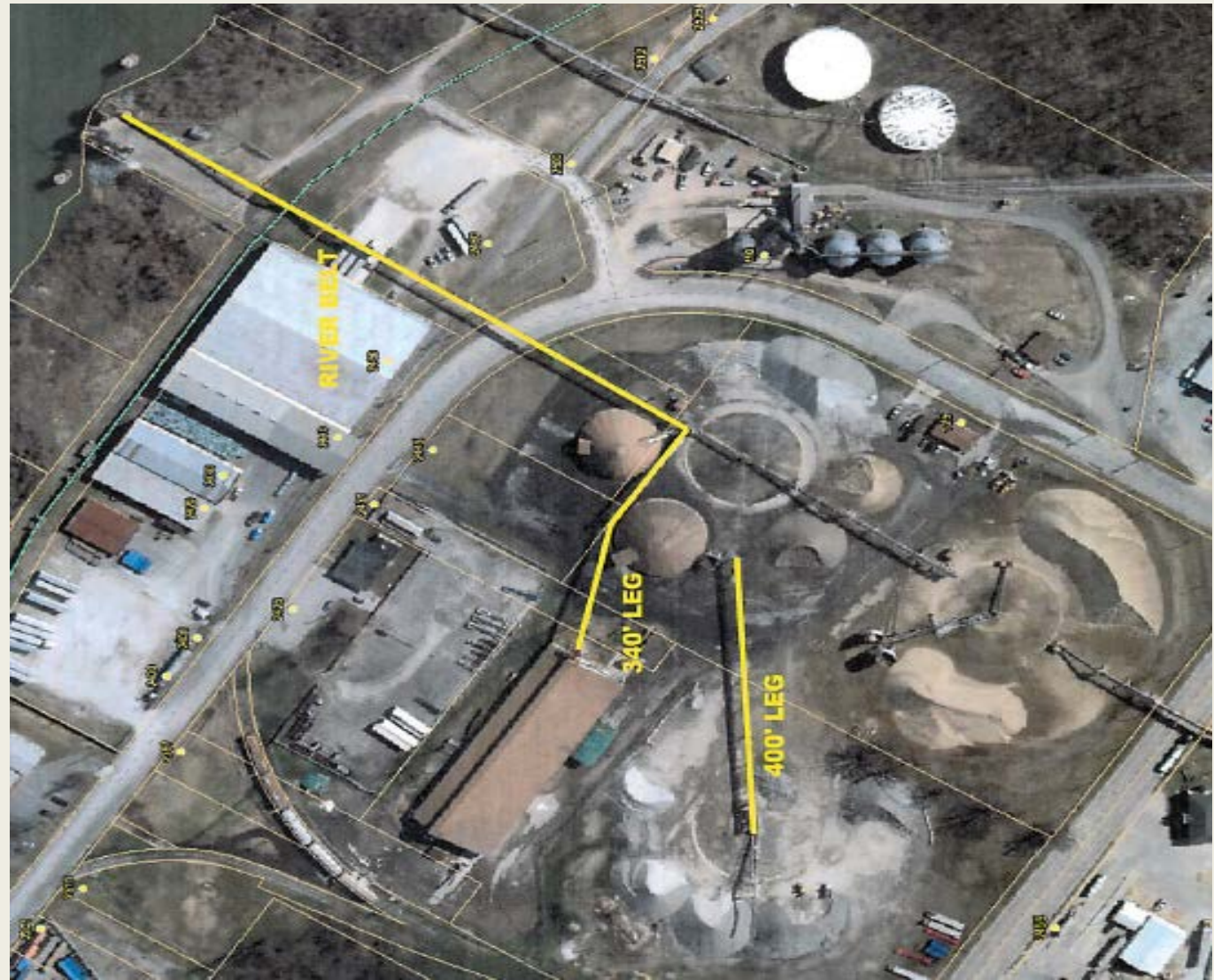
Series of 3 conveyors

$940 + 400 + 340 = 1680$  ft

Paducah Riverport \$98,000

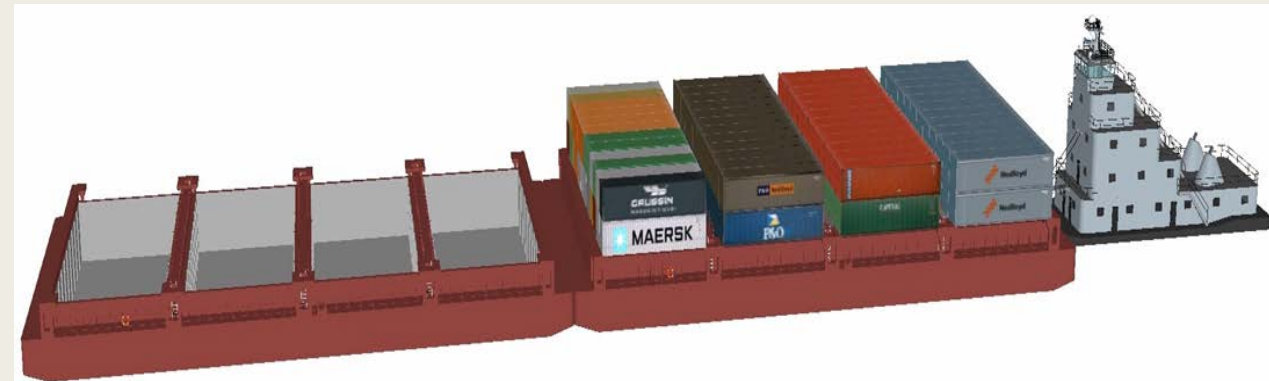
KRI Funding \$98,000

Total \$196,000





- USDOT/MARAD designated Marine Highway for Container on Barge (COB)
- Received USDOT's "America's Marine Highway Leadership Award"
- Foreign Trade Zone for Western Kentucky
- ~1,000,000 tons freight per year





# Riverport Needs

- ❖ *Allotments put in the riverport trust fund per KRS 174.210*
- ❖ *Eliminate limits on contracts per KY Constitution Section 164*
- ❖ *Increase in funding to improve Kentucky's economy*





# Thank you for your consideration

Lynn J. Soporowski, P.E.

Transportation Engineering Branch Manager

Multimodal Programs Branch-

Freight: Road, Rail, River, and Ferry

Bicycle and Pedestrian Planning

Air Quality, Performance Measures, Traffic Forecasting,  
and Transportation Modeling

Division of Planning

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