



Greater Charlotte Regional Freight Mobility Plan Joint Committee Meeting

Peer 1: Robyn Bancroft, OKI Strategic Planning Manager

November 13, 2015

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MPO AND COG

- Metropolitan Planning Organization (MPO) - a federal designation set up to manage the flow of federal dollars for transportation planning and project funding
- Council of Governments (COG) - performs regional planning activities on a variety of issues (water quality, green space, etc)



OKI's Rationale for Making Freight a Priority

- To build a bridge of trust between OKI and the **private freight community**
- To provide another link between transportation and **economic development**
- To improve our region's **quality of life** (safety, security, congestion, air quality)
- To deliver additional **value** to our members by addressing freight specific issues.

Local freight tours/visits



RR HEADQUARTER VISITS



Agenda
OKI - NS meeting
September 20 and 21, 2007
Norfolk, VA

Expected Attendees:

OKI -- Christine Maticic (President, OKI Board), Mark Policinski (Executive Director of OKI), Andrew Johns (OKI Planner), Tom Voss (District Manager DHL Global Forwarding), John Fonner (Butler County Port Authority)

NS -- Bill Harris (Resident VP), Rob Siik (Group Manager IM Ops), Tom Reese (IM Market Manager), Chris Luebbbers (Group Manager IM Marketing), Lee Cochran (IM Asset Development Manager), Jerri Parks (IM Planning Manager), Peggy Scholzen (Strategic Planning Manager)

Thursday, 9/20

12th floor conference room – NS Tower, Norfolk

11:00 – 11:15 Safety Brief & Personnel Introductions
11:15 – 11:45 NS System & Business Overview presentation– Peggy Scholzen (NS)
11:45 – 12:15 Domestic IM Traffic presentation – Tom Reese (NS)
12:15 – 1:00 Lunch (we will order in)
1:00 – 1:30 Crescent presentation – Jerri Parks (NS)
1:30 – 2:00 Heartland Corridor presentation – Rob Siik (NS)
2:00 – 2:15 Break
2:15 – 2:45 Public Private Partnerships presentation – Peggy Scholzen (NS)
2:45 – 4:00 OKI presentation – Greater Cincinnati Transportation Goals (primarily highways and freight rail, but will also include passenger rail and in particular its impact on freight rail)
5:30 – 6:00 Social (Todd Jurich's Bistro)
6:00 Dinner (Todd Jurich's Bistro)

Friday, 9/21

12th floor conference room – NS Tower, Norfolk

9:00 – 9:30 International IM Traffic presentation – Chris Luebbbers (NS)
9:30 – 10:30 Brain storming session... "What would benefit OKI and NS?"
10:30 – 11:30 Identify challenges and next steps
11:30 – 12:00 Plan next meeting date and departure



OKI – CSX Meeting
January 17, 2008
CSX Intermodal Offices / AT&T Tower Building, 20th Floor / Jacksonville, FL

Agenda

9:00-9:15
9:15-10:00

Introductions

OKI Presentation: Christine Maticic, Tom Voss and Mark Policinski

- Who is OKI?
- What are OKI's transportation and freight goals?
 - addressing roadway congestion
 - improving air quality
 - economic vitality of our region
- Why is OKI interested in creating mutually-beneficial private/public partnerships?
- What actions is OKI taking to achieve our goals?

CSX Presentation/Overview: *CSX staff*

- Who is CSX?
- What makes up CSX's existing system?
 - primary routes, rail capacity, volume mix, etc.
- Recent growth/shifts in traffic, business mix, volume mix
- Domestic vs. International Intermodal operations/routes/ports – current trends and future forecasts
- CSX Public Private Partnerships
- What are CSX's company goals for the next 5 years? Beyond?

Lunch (brought in)

CSX Business/Operations in Cincinnati – *facilitated by OKI*

- How does Cincinnati fit into CSX system?
- Does CSX have any rail-related needs?
 - Queensgate Yard
 - Truck vs. Rail
 - Main Rail Capacity
 - CVG – 12th Street Bridge improvement – double stacking consideration

2:00-3:00

Group Brain Storming: What would benefit OKI & CSX?

- Ohio Department of Development (ODOD) Diesel Emissions Reduction Grant (DERG) = a potential Public/Private Partnership opportunity?
- Fourth Main Rail Line?
- BSB – local roadway traffic – impact on CSX infrastructure
- KY's Fusion Center – potential for an Ohio/Indiana version?

3:00-3:30

Identify Challenges and Next Steps



OKI 2030 METROPOLITAN TRANSPORTATION PLAN, 2008 UPDATE

Freight Improvement Projects



Plan ID	Project	Location	Description	YOE Cost (\$million)
244	Double stack clearance	Middletown Area	Undercut two bridges	1.5
601	Rail emission reduction	Queensgate/Gest Street and Sharon Rail Yards	Replace diesel locomotives with improved switcher engine technology	15.0
634	Intermodal barge to rail facility	Ohio River	Connect barge facilities directly to the regional rail network	14.6
693	Increase rail capacity	Queensgate to Evendale	Construct additional main rail line	37.4
TOTAL				\$68.5

HEARTLAND CONNECTOR



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OKI

HEARTLAND CONNECTOR



Under-cutting and lowering existing track for additional vertical clearance



Staged track lowering to maintain rail service

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HEARTLAND CONNECTOR



First double-stacked train's arrival into OKI region.



HEARTLAND CONNECTOR - PUBLIC BENEFITS

Estimated number of truck <u>trips</u> eliminated	79,454
Estimated regional truck <u>mileage</u> eliminated	3,421,807

Emission Type	Reductions (kg/day)
CO2	18,512.05
HC	3.19
NOx	126.57
PM2.5	2.60



WHY?

1. Understand industry trends
2. Forecast freight demand
3. IDENTIFY PROJECTS

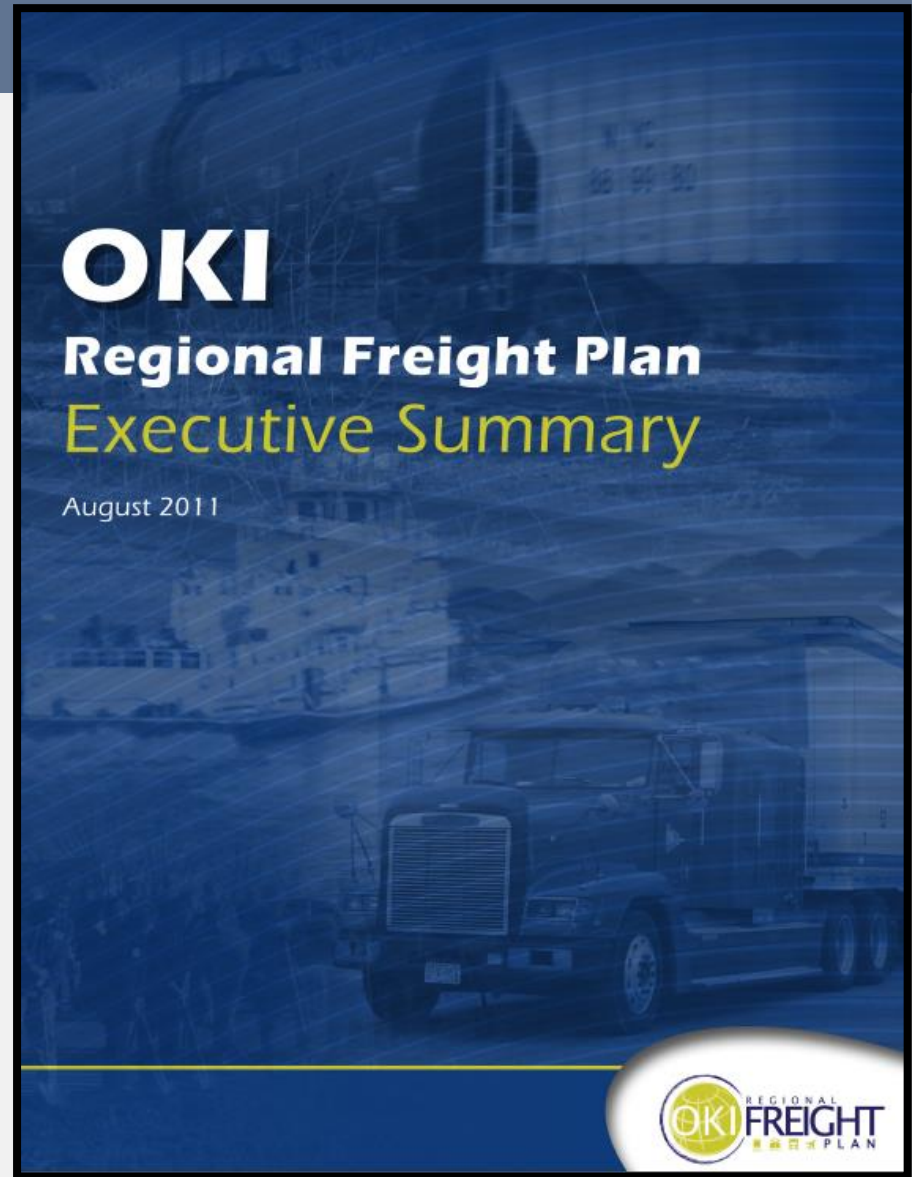
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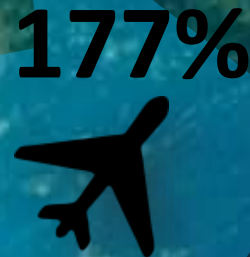
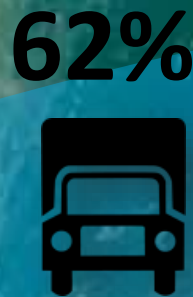
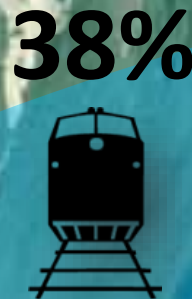


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REGIONAL FREIGHT VOLUME GROWTH FORECASTS

**FREIGHT
TSUNAMI**
2009 - 2040



Total Freight = 54%



**GLOBAL
INSIGHT**

OUTCOME

Set of specific, ready-to-implement project, policy and administrative recommendations

OKI Regional Freight Plan
August 2011

Table 7-1: Roadway Freight Recommendations

Page Number	Name of Recommendation	Mobility and Intermodal Connectivity	Economic Vitality	Environment and Public Health	Safety and Security	System Preservation and Condition	Recommendation Timing (Immediate, Mid Term, Long Term)
REGIONAL TRUCK FREIGHT MOBILITY							
7-8	ARTIMIS Message Signs	+++	++	+++	++	n/a	Immediate
7-9	Brent Spence Bridge	+++	+++	+++	+++	+++	Immediate
7-10	Eastern Corridor	+++	+++	++	++	++	Mid Term
7-11	I-75 Mill Creek Expressway and Thru the Valley	+++	+++	++	+++	+++	Immediate
7-12	I-471 Reconstruction	++	+++	++	++	+++	Immediate
LOCAL TRUCK ACCESS PROJECTS							
Boone County, Kentucky							
7-13	Gunpowder Road Improvement	+++	++	+	+	+	Long Term
7-13	I-71/I-75 Richwood and Mt. Zion Interchanges	+++	++	++	++	++	Mid Term
Butler County, Ohio							
7-14	Hamilton-Mason Road Mouse Hole	+++	+++	++	+++	++	Immediate
7-14	Cincinnati-Dayton Road Mouse Hole	++	++	++	++	++	Mid Term
7-15	Kyles Station Road Mouse Hole	++	++	+	++	+	Long Term
7-15	Princeton Road Mouse Hole	++	++	+	++	+	Long Term
7-15	West Chester Road Mouse Hole	++	++	+	++	+	Long Term
7-15	I-75/Union Centre Boulevard Interchange	+++	+++	++	++	+	Long Term
7-16	South Hamilton Crossing	+++	+++	++	++	++	Immediate
Campbell County, Kentucky							
7-16	US 27 Improvements	++	++	+	++	++	Long Term
Clermont County, Ohio							
7-17	SR 125/Ohio Pike Access Management	++	++	+	++	+	Long Term
7-17	US 50/Roundbottom Rd Intersection	++	+	+	++	+	Mid Term
7-17	US 50/SR 132/SR 278 Intersection	++	+	+	++	+	Mid Term
7-18	US 50/SR 222 Intersection	++	+	+	++	+	Long Term

HOW IMPLEMENTED?



**Plan Development
(MTP)**

**Project
Prioritization**

TIP

STIP

IMPLEMENTATION

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FREIGHT PLAN TO MTRP

Planning Factors for All Projects (55 points available)

- Replacement/Expansion
- Environmental Justice
- Strategic Regional Policy Plan
- Air Quality/Energy (VMT, VHT & Emission Reductions)
- Local Share OVER amount required
- Existing Condition
- Economic Vitality (project creates employment)
- History of Project Delivery (penalty)
- Applicants Requesting Additional Funds (penalty)
- Intermodal Elements



Transportation Factors for Non-Highway Freight Projects (45 points available)

- Mode Specific Traffic Flow (V/C)
- Impact on Roadway Congestion
- Safety
- Status of Project
- Reliability
- Facility Type (rail/water port)

FISCALLY-CONSTRAINED FREIGHT PROJECTS



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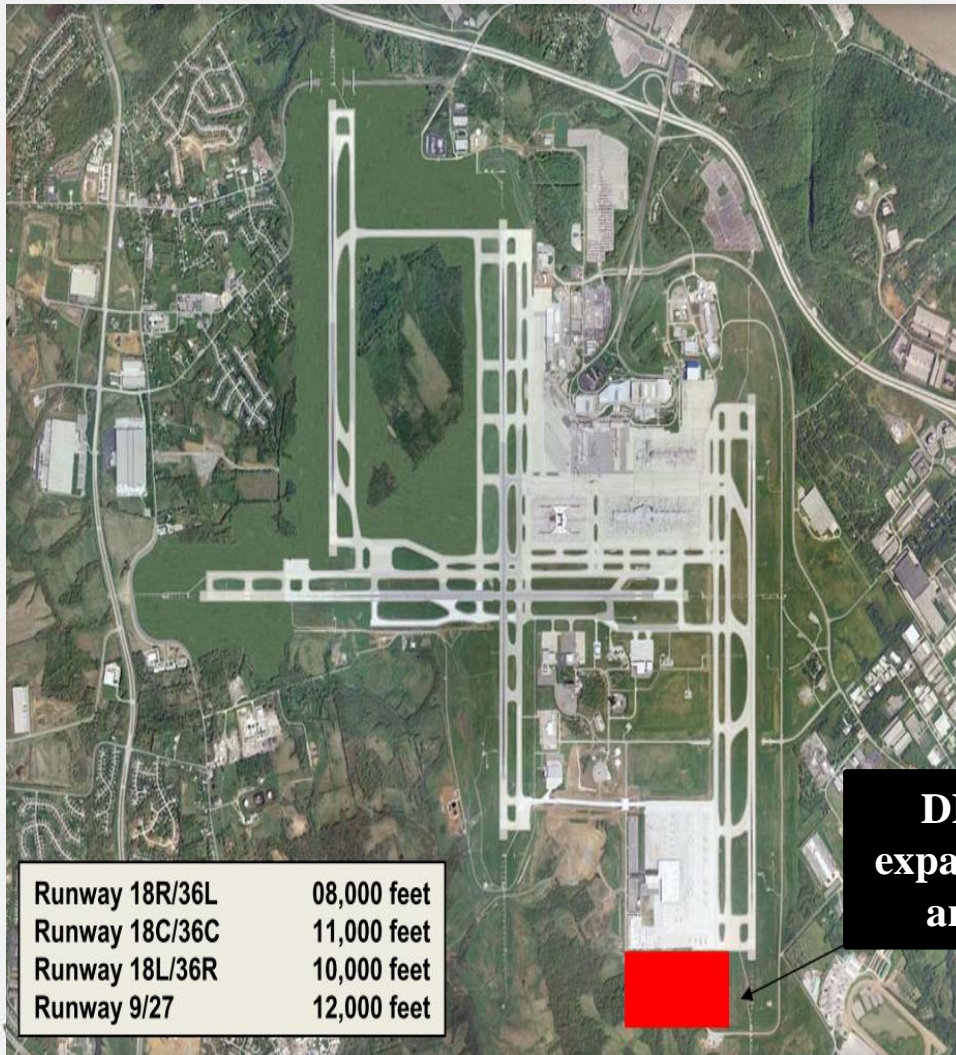
Identification Number	County	Project Type*	Facility Name	Location	Description	Cost Estimate (year of construction)
103	Butler	Roadway	South Hamilton Crossing	Connect SR 4 with University Blvd	Replace with railroad grade separation	\$19,00,000
202, 203, 204, 205	Clermont	Roadway	Eastern Corridor projects	See Chapter 9	See Chapter 9	\$420,480,000
301, 701	Hamilton, Kenton	Roadway	Brent Spence Bridge	I-71/75 over Ohio River	Reconstruct existing and add new bridge	\$2,765,322,220
302, 330	Hamilton	Roadway	Eastern Corridor projects	See Chapter 9	See Chapter 9	\$1,011,353,500
303, 304, 305, 306, 307	Hamilton	Roadway	I-75 Mill Creek Expressway projects	See Chapter 9	See Chapter 9	\$764,530,000
310	Hamilton	Roadway	Reading Rd Grade Separation, Sharonville	Norfolk Southern Railroad (NS) Reading Rd Crossing	Replace with railroad grade separation	\$39,100,000
312, 313, 314, 315, 316, 331	Hamilton	Roadway	I-75 Thru the Valley projects	See Chapter 9	Chapter 9	\$630,390,000
319	Hamilton	Public Transportation	Acquisition of Abandoned Railroad Right of Way (ROW)	NS ROW from Bond Hill and Idlewild railroad junction	Purchase and preservation of rail ROW for future transit	\$2,380,000
322	Hamilton	Freight	Hopple Street Passing Track and Crossovers	CSX Queensgate and NS Gest Street yards	Provide additional horizontal clearance, 1000' of track, and construct crossovers or connecting track	\$15,640,000
601	Campbell	Roadway	I-471	I-275 to Ohio State Line	Widen to four lanes	\$21,790,000
805	Dearborn	Intelligent Transportation Systems (ITS)	ARTIMIS Message Sign	Eastbound I-74	Construct large, dynamic, truss-mounted message sign	\$550,000
810	Dearborn	Freight	Alternative Fuel Stations for Truck Fleets	Located on high truck-traffic roadways	Construct commercial compressed and/or liquid natural gas fueling	\$590,000



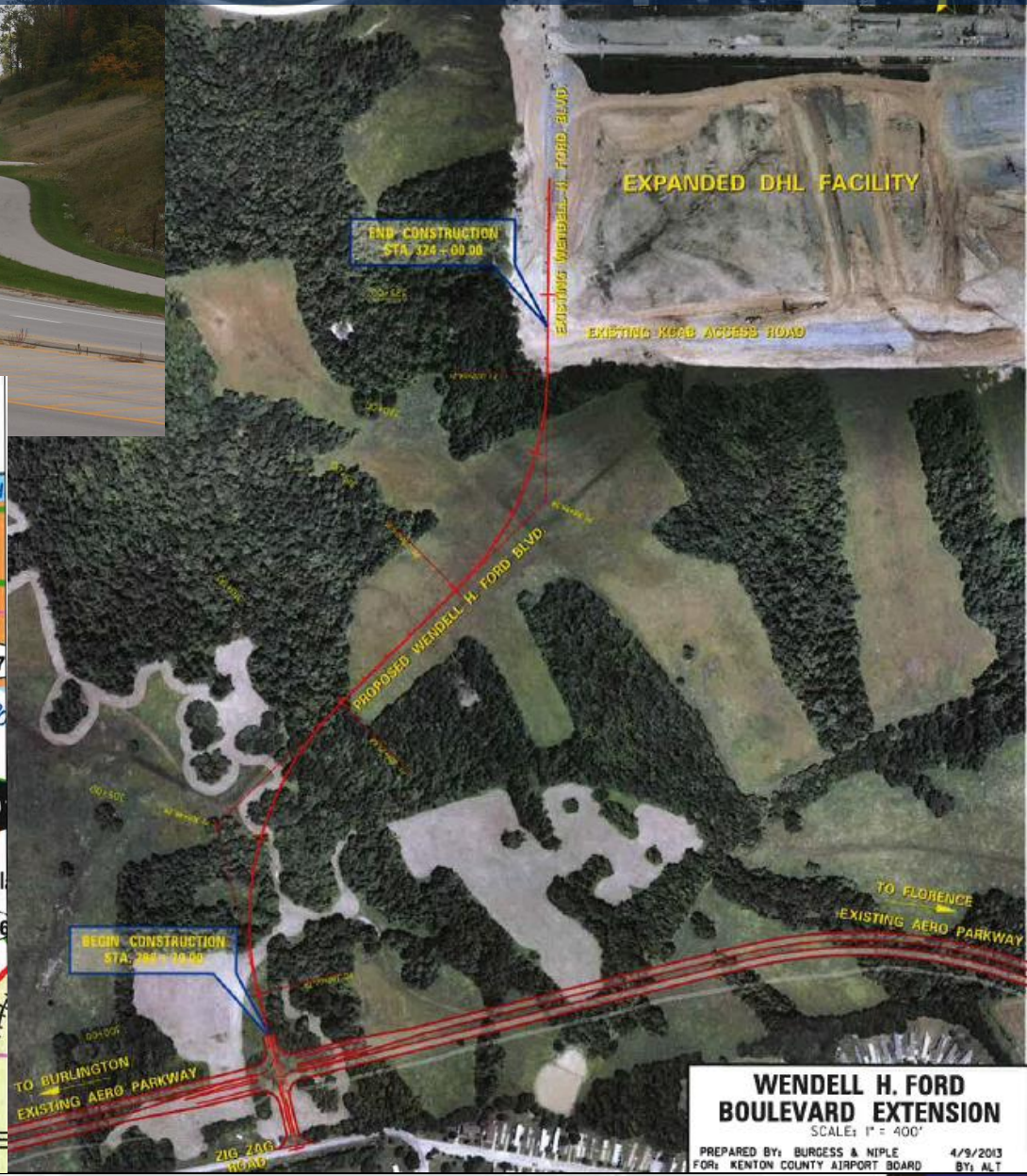
CVG AIR CARGO PARK



CVG AIR CARGO PARK



AERO PARKWAY & WENDELL FORD BLVD EXT



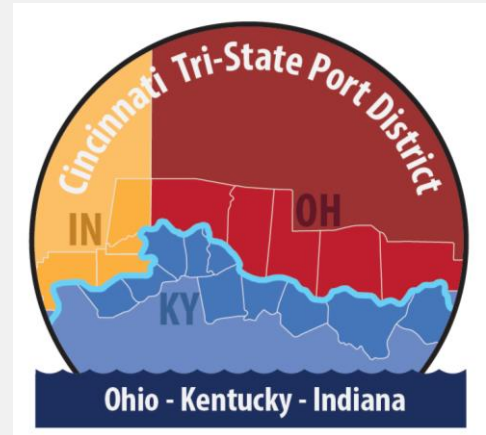
**WENDELL H. FORD
BOULEVARD EXTENSION**
SCALE: 1" = 400'

PREPARED BY: BURGESS & NIPLE
FOR: KENTON COUNTY AIRPORT BOARD
4/9/2013
BY: ALT

PUBLIC BENEFITS

Estimated travel reduction	1.83 miles
Estimated acres of undeveloped land unlocked for commercial and industrial development	250 acres
Estimated 2035 traffic forecast	49,000 vpd
DHL's total capital investment at CVG since 2009	Over \$281 M
Increase in DHL tonnage since 2010	130%
Approximate number of current DHL employees	2,300

PUT THE “PORT” IN REGIONAL PORT AUTHORITY



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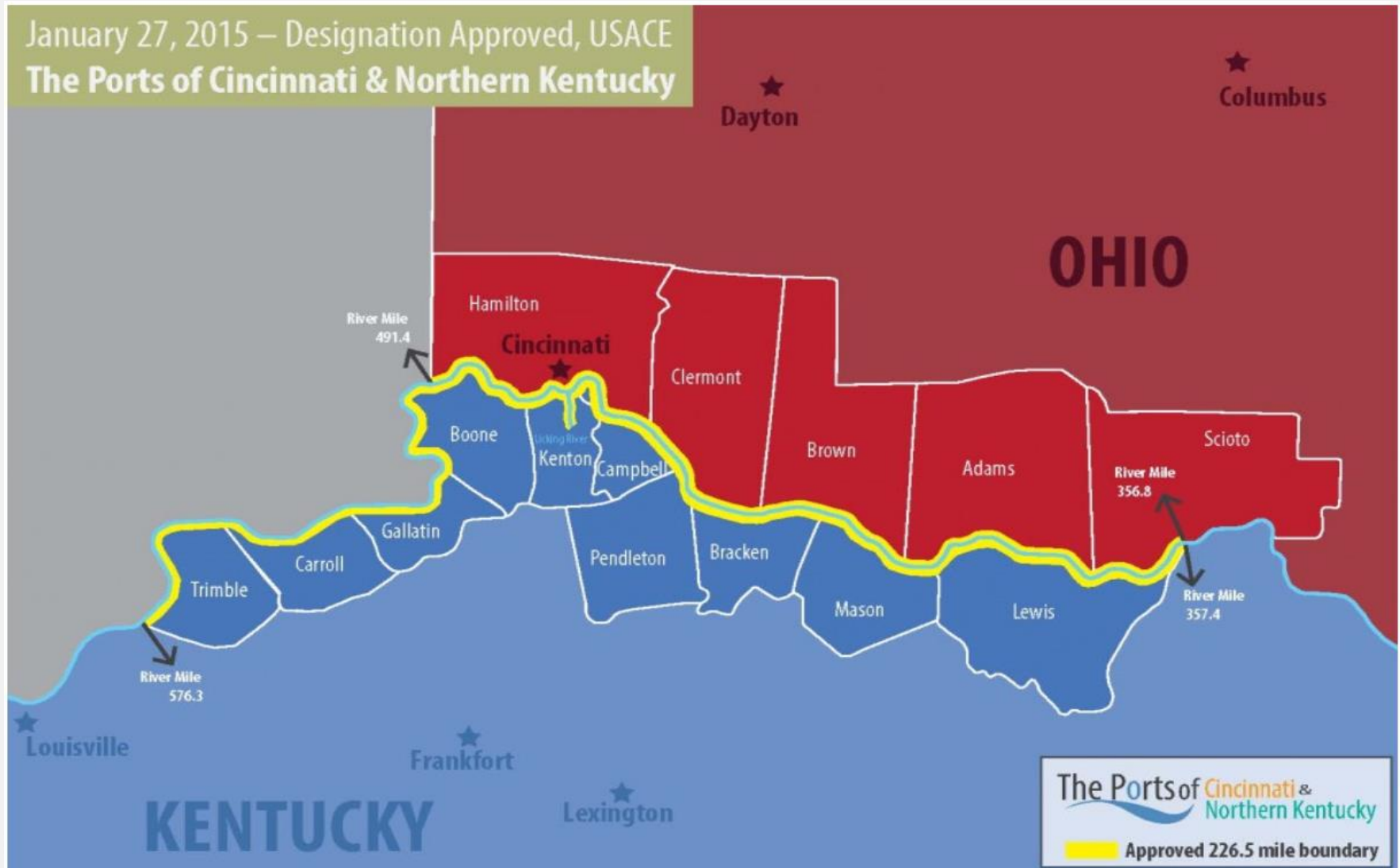


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PORT REDESIGNATION FROM 26 TO 227 MILES

January 27, 2015 – Designation Approved, USACE
The Ports of Cincinnati & Northern Kentucky



Ohio River Private Terminals



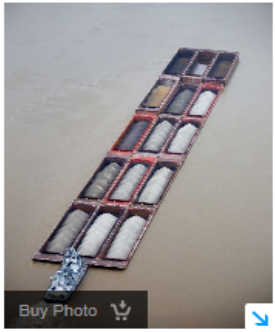
RECIPROCAL MARKETING AGREEMENT

Could New Orleans help us grow jobs?



Jason Williams, jwilliams@enquirer.com

11:26 a.m. EDT October 14, 2015



The effort to make the Ohio River a major part of the Greater Cincinnati economy is receiving help from one of the leading cargo-shipping regions in the U.S.

The Port of New Orleans and [Central Ohio River Business Association](#) this week officially agreed to jointly promote waterborne commerce in an effort to grow jobs in Louisiana and Greater Cincinnati. The two-year agreement comes just months after the federal government re-designated and renamed more than 225 miles of the Ohio River as the "Ports of Cincinnati and Northern Kentucky."

(Photo: The Enquirer/Liz Dufour)

New Orleans "is a vital gateway to the global marketplace for the Ports of Cincinnati and Northern Kentucky," said Eric Thomas, executive director of Cincinnati-based river business association. "This agreement formally recognizes that longstanding connection between the two regions, and reflects a doubling-down of efforts by both ports to seek out opportunities that can leverage the significant port capabilities that join us together."



CINCINNATI.COM

We're now the 'Ports of Cincinnati and NKY'

Many cities have been preparing for the increase in cargo expected to flow into the Midwest, Southeast and East Coast after the Panama Canal expansion project is completed next year. Here at home, the Central Ohio River Business Association (CORBA), Port of Greater Cincinnati Development Authority and business leaders have been working the past few years to better promote the region to companies that ship goods and materials.



2015 MIDWEST FREIGHT CONFERENCE HOST



2015 WORLD'S MOST COMPETITIVE CITIES

Top North America Cities

Cincinnati OH-KY-IN, USA ranked:

#2 - Aerospace

#2 - Food & Beverage

#4 - Chemicals & Plastics

#5 - Metals

#5 - Transportation & Logistics



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<http://siteselection.epubxp.com/i/592128-2015>



LESSONS LEARNED/TAKE-AWAYS

- Leadership
- Talents
- Building & Sustaining Partnerships
 - Peaceful, nonviolent foundation
 - Self-interests fulfilled
 - Pleasurable experiences shared



Ohio • Kentucky • Indiana
Regional Council of Governments

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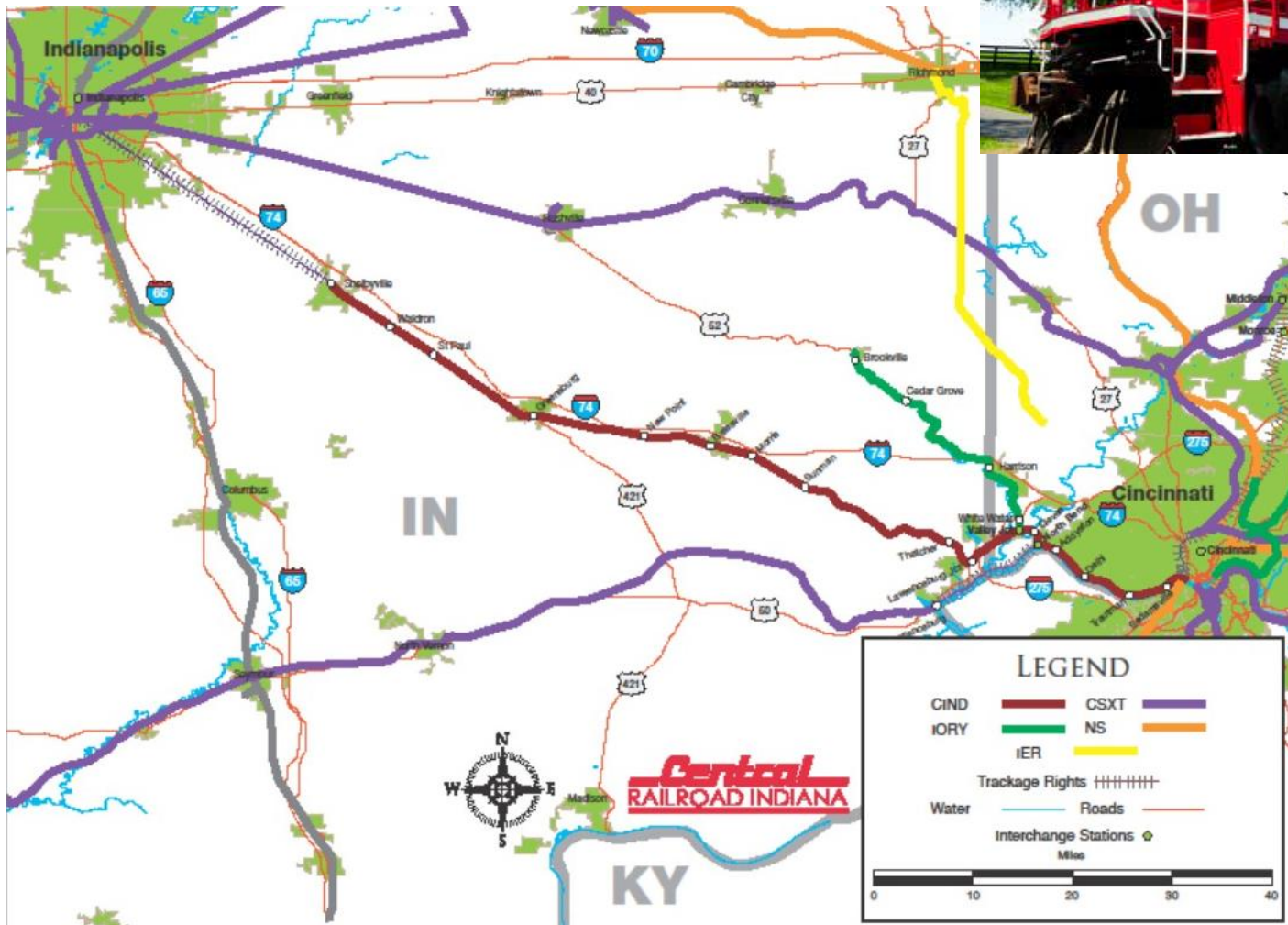
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GENSET ENGINE REPLACEMENT




GENSET - PUBLIC BENEFITS

	Calculated Annual Emissions (kg/yr)		
	NOx	PM10	VOC
Baseline (BEFORE)	22,265	563	1,361
GENSET – one loco (AFTER)	2,339	101	123
Percent Reduction	89%	82%	91%

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The OKI logo is located in the bottom right corner. It features the letters "OKI" in a bold, serif font. Above the letters is a stylized, curved line that suggests a bridge or a path, with a small circle at its end.

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