



Water Transportation Advisory Board KY Riverport Improvement Program

Tuesday, May 23, 2017

1:00 PM to 3:30 PM EST

Kentucky Transportation Cabinet, Room 106

- Agenda:
1. Welcome and introductions
 2. Public Comment Period
 3. Presentation of Minutes from January 18, 2017 Meeting
 4. Discussion with KY Cabinet for Economic Development regarding Riverports
 5. 2017 KRI Awardees Update WTAB on Status/Success of 2017 KRI Projects
 6. Review and Prioritization of 2018 KRI Project Applications
 7. Closing Remarks
 8. Adjourn

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Eddyville Riverport Authority

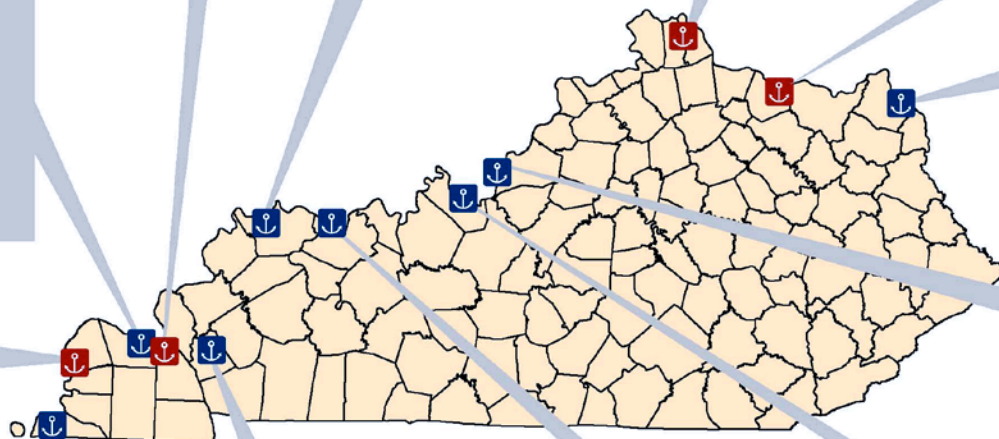
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Active Riverports



Developing Riverports

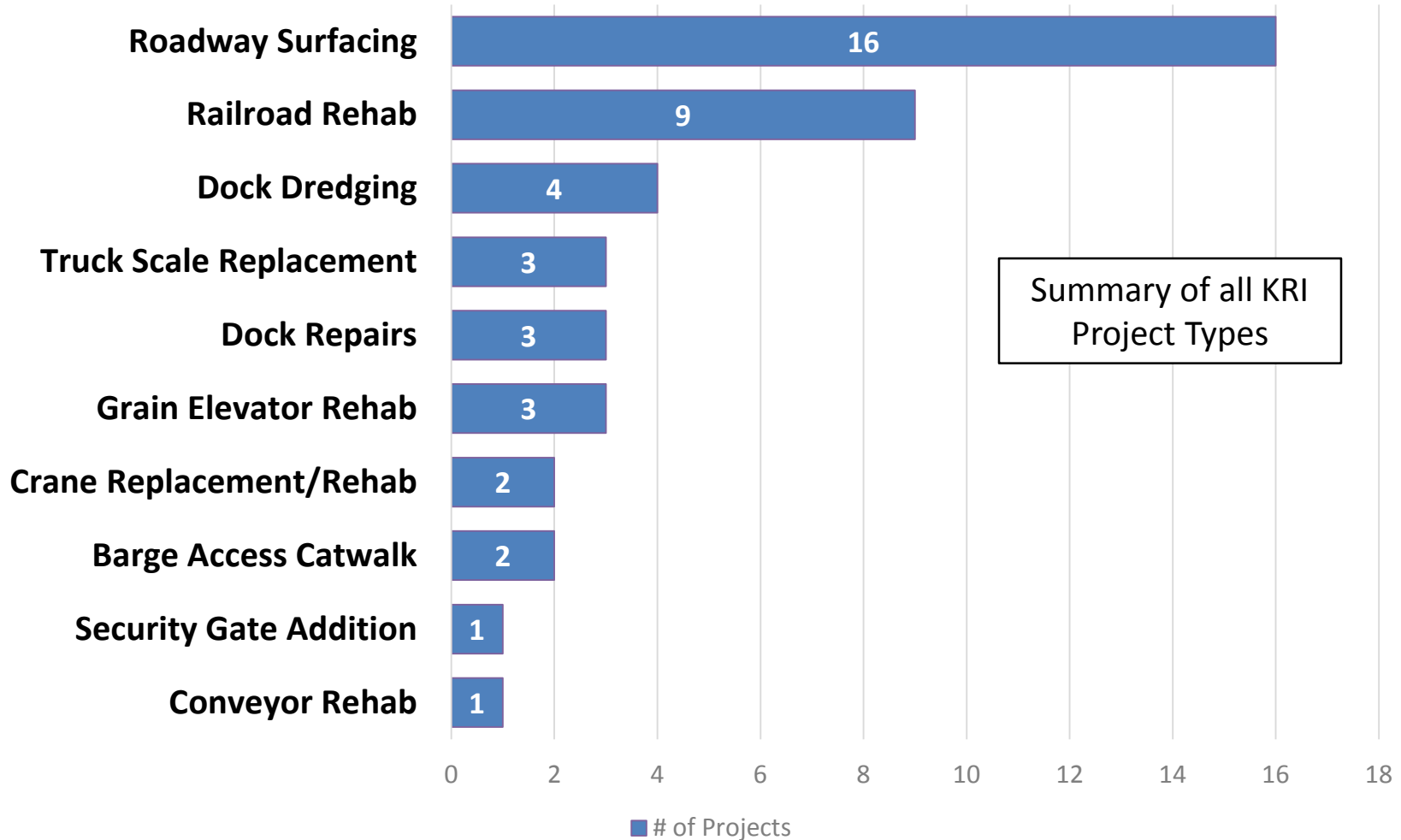


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Updated: April 2017



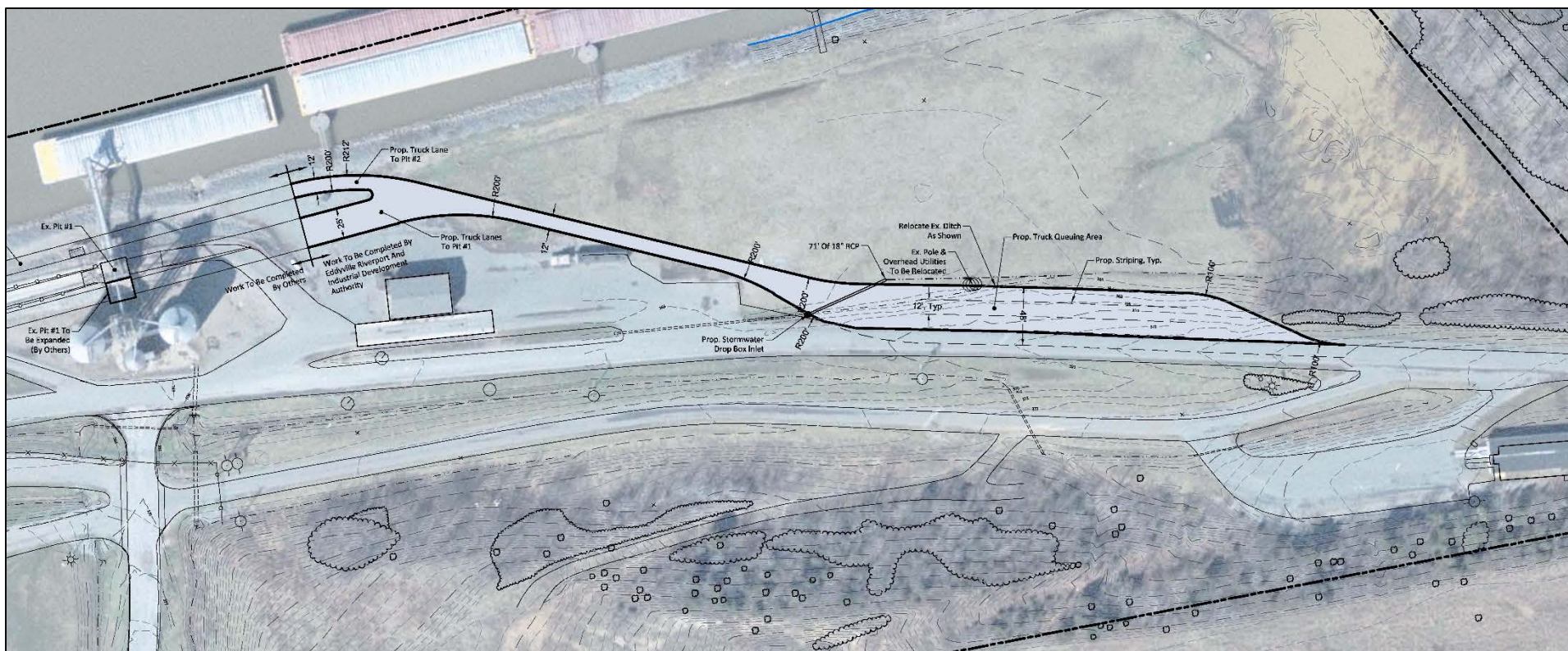
Kentucky Riverport Improvement Grants



Crane Bridge Resurface Hickman Riverport



Truck Queuing & Grain Pit Improvements Eddyville Riverport



Crane Restoration
Henderson Riverport



Applications for Fiscal Year 2018 Funds - Available Funds: \$500,000

Riverport	Project	Total Cost	Requested
Eddyville	Master Plan	\$130,000	\$65,000
Hickman	Cargill Conveyor Replacement	\$2,500,000	\$500,000
Hickman	Conveyor Upgrade	\$300,000	\$150,000
Hickman	Dredging	\$201,600	\$100,800
Hickman	Warehouse Access	\$301,437	\$150,718
Louisville	Tie Replacement	\$215,000	\$107,500
Owensboro	Trailer Staging Area	\$403,436	\$201,718
Paducah	Bulk Yard Pavement Project	\$64,000	\$32,000
Paducah	Conveyor Refurb	\$196,000	\$98,000
Paducah	General Cargo Pavement Phase 1	\$240,000	\$120,000
Totals.....		\$4,551,473	\$1,525,736



			Recommended Scoring Criteria - 10 points each								
Project/Applicant	Total Cost	KRI Request	History	Cost Share	Preparedness	Planning	Results	Urgency	Total (Across)	Relative Rank (of 10)	Notes
Paducah General Cargo Pavement Phase 1	\$240,000.00	\$120,000.00									
Paducah Conveyor Refurbish	\$196,000.00	\$98,000.00									
Paducah Bulk Yard Pavement Project	\$64,000.00	\$32,000.00									
Owensboro Truck / Trailer Staging Area	\$403,436.00	\$201,718.00									
Louisville Railroad Tie Replacement	\$215,000.00	\$107,500.00									
Hickman Warehouse Access	\$301,437.50	\$150,718.75									
Hickman Harbor Dredging #4	\$201,600.00	\$100,800.00									
Hickman Conveyor Upgrade	\$300,000.00	\$150,000.00									
Hickman Cargill Conveyor Replacement	\$2,500,000.00	\$500,000.00									
Eddyville Riverport Master Plan	\$130,000.00	\$65,000.00									

Paducah Riverport – General Cargo Area Pavement – Total Cost \$240,000 – Request \$120,000



This project will ensure safe transit for existing and increased truck traffic. Elimination of pot holes, rough surfaces, and pavement defects will reduce potential for injuries, cargo damage, dust emissions, and equipment/ground maintenance. The project allows for increased tonnage, increased storage area, access to additional cargo types, and will be a marketing asset for the Purchase Area.



Paducah Riverport – Conveyor Refurbishment – Total Cost \$196,000 – Request \$98,000



This project will replace approximately 3,360 feet of 30-36 inch belts and rollers (as needed) on three sections of the riverport conveyor system. The replacement of belts / rollers is critical to the transport of bulk materials to / from barges and will improve access for materials to riverport storage sites.

Paducah Riverport – Bulk Yard Pavement – Total Cost \$64,000 – Request \$32,000



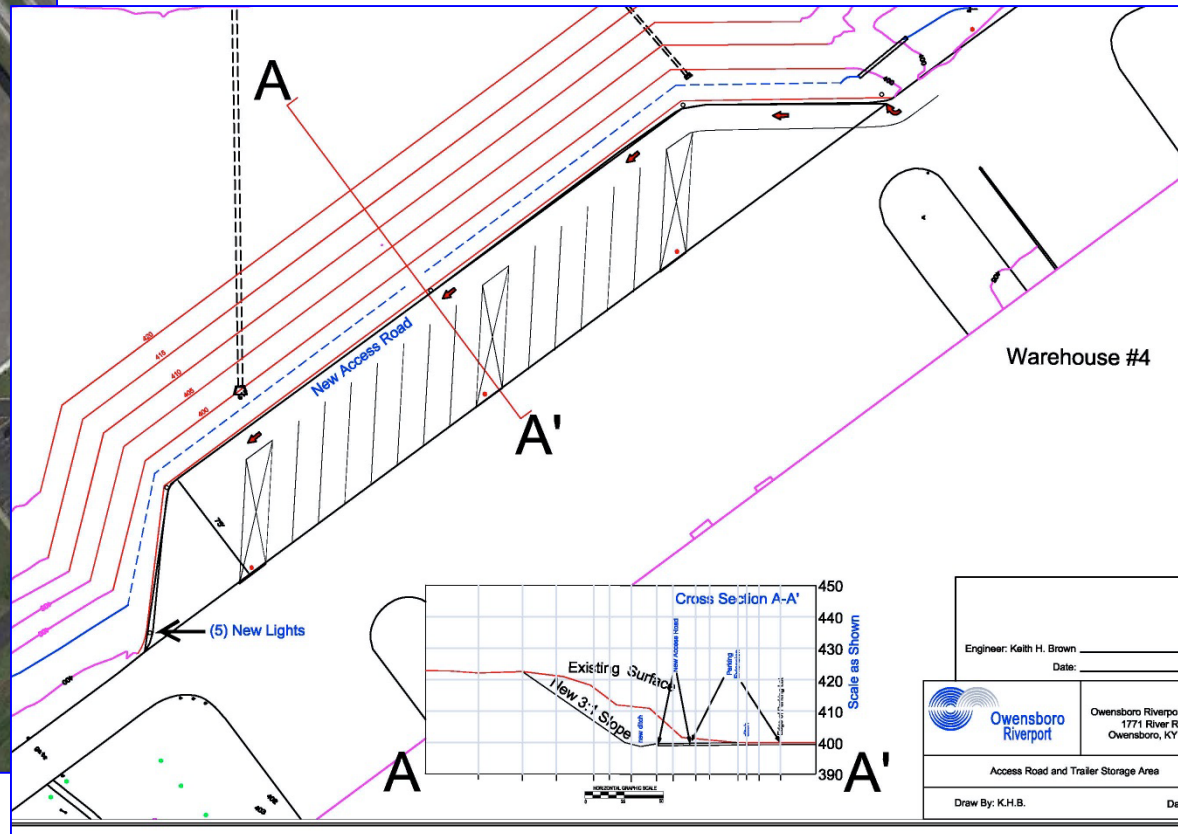
This project will concrete the terminal scale area which will improve the access for trucks and will reduce safety concerns, equipment repair expenses, and dust. This project is located adjacent to and will connect with the new truck scales completed with FY 16 KRI funds.



Owensboro Riverport – Truck/Trailer Staging Area – Total Cost \$403,436 – Request \$201,718



Truck traffic has increased 20% in the last year. This project will increase efficiency of handling materials from both inbound and outbound trucks from Warehouse #4 by providing on-site storage of the trailers and a truck staging area, thus reducing manpower, fuel, and emissions.



Louisville Riverport – Railroad Tie Replacement – Total Cost \$215,000 – Request \$107,500



This project will replace 2,000 ties in select areas along the Riverport track. Replacement of crossties to retain gage within tolerable limits and to withstand lateral forces of daily freight movements. Select areas have been assessed to have high amounts of deterioration.



Hickman Riverport – Warehouse Access – Total Cost \$301,437 – Request \$150,718



This project will concrete an area of 190' x 140' along the port entrance. The area will be used by trucks entering the port and storage for the conveyor warehouse. This project will work in conjunction with the new east truck access road completed with FY 15 KRI funds. Currently, the area is gravel and creates dust and mud on KY 94.



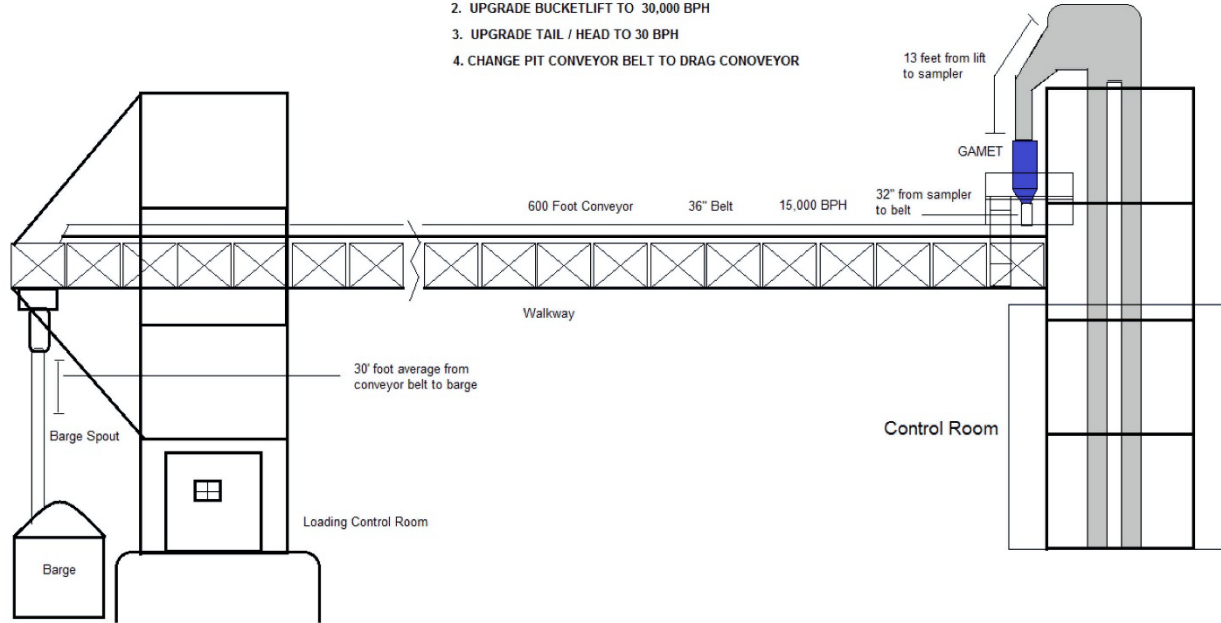
Hickman Riverport – Harbor Dredging – Total Cost \$201,600 – Request \$100,800



This project will dredge to clear the area around the point at the mouth of the harbor. The area is 500 feet by 60 feet and will require the removal of approximately 45,000 cubic yards of material. Completion of this project will allow the barges using the harbor to maintain normal business operations without being forced to the south bank by the current during low water conditions.

Hickman Riverport – Conveyor Upgrade – Total Cost \$300,000 – Request \$150,000

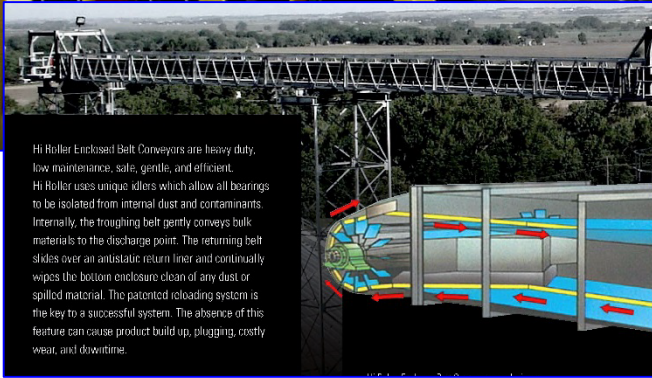
1. UPGRADE BELT MOTOR TO 30,000 BPH
2. UPGRADE BUCKETLIFT TO 30,000 BPH
3. UPGRADE TAIL / HEAD TO 30 BPH
4. CHANGE PIT CONVEYOR BELT TO DRAG CONVEYOR



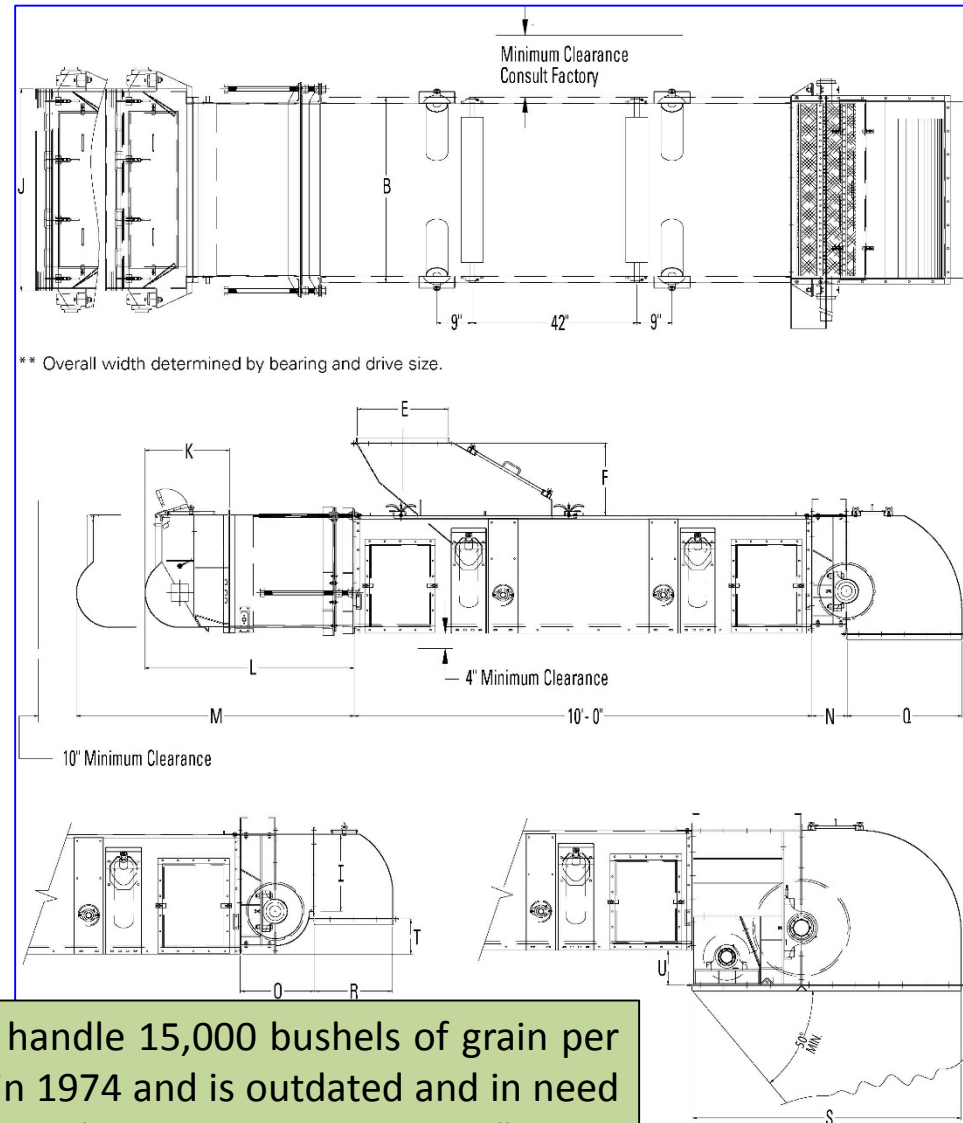
This project will upgrade parts of the Riverport conveyor to double its capacity. The project will allow The Andersons to stay competitive by loading barges quicker at a lower cost, allowing for an increase in the amount of grain loaded on barges by 100% from 15,000 bushels per hour to 30,000 bushels per hour



Hickman Riverport – Cargill Conveyor Replacement – Total Cost \$2.5M – Request \$500,000



Hi Roller Enclosed Belt Conveyors are heavy duty, low maintenance, safe, gentle, and efficient. Hi Roller uses unique idlers which allow all bearings to be isolated from internal dust and contaminants. Internally, the troughing belt gently conveys bulk materials to the discharge point. The returning belt slides over an antistatic return liner and continually wipes the bottom enclosure clean of any dust or spilled material. The patented reloading system is the key to a successful system. The absence of this feature can cause product build up, plugging, costly wear, and downtime.



The current conveyor configuration is set up to handle 15,000 bushels of grain per hour on a 30" belt. The conveyor was installed in 1974 and is outdated and in need of replacement. This project will replace the 1200' belt system with a 48" HIGH ROLLER enclosed system. All conveyor legs will be replaced along with the grain cell containing the load out spout. Grain loading on barges will increase by 150%.

Eddyville Riverport - Master Plan – Total Cost \$130,000 – Request \$65,000

Lyon County
Agricultural Development Council

Update of COUNTY COMPREHENSIVE PLAN

June 30, 2015

Submitted by:
List County Council Members

Mr. Anthony Young
Mr. Tommy Dyer
Mr. Jackie Millikan
Mr. Daniel Bugg
Mr. Andy Lester
Mr. Brian Dunning
Ms. Cindy Ashley
Mrs. Mariesa Guess-Driver
Mr. Randy Armstrong

Lyon County
**Comprehensive Plan
Update**

County Agricultural Development Councils have the responsibility to evaluate the needs of the local agricultural economy. The updated County Comprehensive Plan should identify programs and projects best suited for agricultural development fund investments in the County.

The Governor's Office of Agricultural Policy staff may provide guidance to county councils throughout this evaluation.

1. Overview of County

Lyon County is located in western Kentucky. There are 136,858 land acres and 30,399 acres of water. One-third of the county is managed by the National Forest Service as a part of Land Between the Lakes National Recreation Area. The county population is 5,300. Eddyville is the county seat and houses the county-wide schools. Kuttawa is three miles away and has two nursing homes and a large marina. The county is home to two state correctional facilities. There are approximately 2,500 people in the prison system. The state penitentiary (all male inmates) and the low to medium security Western Kentucky Correctional Complex (all female inmates). Thirty percent of the land is in agricultural use. Agriculture consists largely of grain crop, tobacco, and livestock (cattle, haired sheep and goats) production. There are a few part-time commercial horticulture operations which includes pumpkins, vegetables and a vineyard. The Eddyville Riverport is located on Lake Barkley. The three port businesses provide 30 jobs within the port complex, and 300 more within the area's agricultural-related businesses. Firms within the complex include Gavilon (grain) and Agri-Chem (fertilizer).

a. Agricultural statistics, trends, & projections (i.e. Census Data)

▪ Traditional agricultural production

Grain crop production has been strong in recent years. Row crops include corn, soybean and wheat. Cattle production decreased as land shifted to row crops with escalating grain prices. Much of the CRP land went into grain production. Herd inventories are increasing but much of the land is being cropped and fences were removed. Tobacco continues steady in the county.

▪ Non-traditional agricultural production

There are two confinement cattle operations that are in the startup phase. Lyon County also has an operating vineyard with a small peach orchard and one high tunnel vegetable producer. A second vineyard and orchard is in a start-up phase. Fruit and vegetable production fluctuates from year to year.

The Lyon County Comp Plan has recently been updated with a focus on the economic development potential of the Riverport and related county industry. The Riverport Master Plan must be completed to reflect the additional acreage, current and future use of lands, additional vehicular/truck traffic, access points shortening the distance to I-24, and projected project expansions.

Applications for Fiscal Year 2018 Funds - Available Funds: \$500,000

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WTAB Ranking of Applications and Funding for Fiscal Year 2018
For review by KYTC Secretary Thomas

Project/Applicant	Total Cost	KRI Request	WTAB Score	WTAB Rank	WTAB Funding Recommendation
Paducah - Conveyor Refurbish	\$196,000	\$98,000	18	1	\$88,200
Hickman - Conveyor Upgrade	\$300,000	\$150,000	18	2	\$135,000
Louisville - Railroad Tie Replacement	\$215,000	\$107,500	19	3	\$96,750
Owensboro - Truck / Trailer Staging Area	\$403,436	\$201,718	32	4	\$180,050
Hickman - Harbor Dredging #4	\$201,600	\$100,800	39	5	\$0
Paducah - Bulk Yard Pavement Project	\$64,000	\$32,000	40	6	\$0
Paducah - General Cargo Pavement Phase 1	\$240,000	\$120,000	43	7	\$0
Hickman - Warehouse Access	\$301,438	\$150,719	44	8	\$0
Hickman - Cargill Conveyor Replacement	\$2,500,000	\$500,000	62	9	\$0
Eddyville - Riverport Master Plan	\$130,000	\$65,000	not scored	not ranked	\$0
	\$4,551,474	\$1,525,737		Total:	\$500,000





Thank you for your attendance and participation...

Next Meeting Tentative November 2017 Paducah Riverport

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