

**KENTUCKY PUBLIC RIVERPORT CONSTRUCTION AND MAINTENANCE (KPRCM) APPLICATION**

INSTRUCTIONS: A guidance document is provided to assist in completing the application packet and may be accessed at <https://transportation.ky.gov/MultimodalFreight/Pages/KPRCM.aspx>
See the guidance document for required attachments and acceptable methods of submittal.

SECTION 1: APPLICANT INFORMATION

| | | | |
|--|---------------------------|-------------------------------|------------|
| PUBLIC RIVERPORT NAME | TOTAL PROJECT COST | KPRCM FUND REQUEST | |
| Paducah-McCracken County Riverport Authority | \$256,750.00 | \$256,750.00 | |
| STREET ADDRESS | CITY | STATE | ZIP |
| 2000 Wayne Sullivan Drive | Paducah | KY | 42003 |
| CONTACT NAME & TITLE | PHONE | EMAIL | |
| James H. Garrett | 270-442-9326 | jgarrett@paducahriverport.org | |

SECTION 2: PROJECT DESCRIPTION

| | |
|---|-----------------|
| PROJECT TITLE | DURATION |
| General Cargo Facility - Concrete Travelway | 6 months weeks |

FACILITIES AFFECTED BY THE PROPOSED PROJECT

☒ Owned by Riverport Authority ☐ Leased to:

Briefly describe how the project will improve public riverport facilities and infrastructure, to capture the economic and trade potential offered by water transportation.: (Text limited for accurate printing. Attach additional pages as needed.)

The PMCRA General Cargo Facility receives incoming product by way of barge. The break bulk cargos are unloaded from barge utilizing a 53-ton Comansa crane, temporarily stored, and transported by way of forklift to Warehouse No. 3. The break bulk cargo is shipped in 1,800 lb. supersacks. The transfer of the supersacks from the temporary storage pad to Warehouse No. 3 requires approximately 900 forklift cycles per barge. This volume of loaded forklift cycles across an asphalt travelway, not originally constructed for this level of high impact traffic, has resulted in a significant deterioration of the asphalt surface. This deterioration has caused reduced cycle times due to the required reduction in forklift velocity to safely transit from the Warehouse No. 3 concrete loading ramp to the concrete flood wall apron. Currently, the cargo facility allows for a single loaded barge to be unloaded and the cargo transported to Warehouse No. 3 in a three (3) shifts. The replacement of the asphalt surface with a new 70' x 75' x 14" concrete slab will allow for an approximate 20% decrease in the transit cycle time.

Select ONE: ☐ Applicant plans to use their own manpower, equipment, or materials on the project (Force Account).
 ☒ Applicant plans to competitively bid out all work related to the project.

| TRAFFIC | CURRENT | AFTER PROJECT |
|---------------------|---------|---------------|
| Trucks per day | 85 | 85 |
| Train cars per week | 0 | 0 |
| Barges per week | 7 | 7 |

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| | | |
|--|--|--|
| Date Received: _____ | WTAB Approval <input type="checkbox"/> Yes <input type="checkbox"/> No | Notification of Award: _____ MOA #: _____ Notice to Proceed: _____ |
| Application Complete? <input type="checkbox"/> Yes <input type="checkbox"/> No | Sec. Approval <input type="checkbox"/> Yes <input type="checkbox"/> No | |
| Eligible Applicant? <input type="checkbox"/> Yes <input type="checkbox"/> No | Award Amount: _____ | |
| Permits Needed? <input type="checkbox"/> Yes <input type="checkbox"/> No | Award Date: _____ | |

**KENTUCKY PUBLIC RIVERPORT CONSTRUCTION AND MAINTENANCE (KPRCM) APPLICATION****SECTION 3: PERMITS AND APPROVALS**

| | YES | NO |
|--|------------------------------|--------------------------|
| Has the applicant consulted with state and federal agencies (US Army Corps of Engineers, US Coast Guard, US Fish & Wildlife Service, KY Division of Water, KY Heritage Council, etc.)? | N/A <input type="checkbox"/> | <input type="checkbox"/> |
| Has state and federal agency consultation determined permits are needed? | N/A <input type="checkbox"/> | <input type="checkbox"/> |
| Have all required permits (environmental, encroachment, etc.) been obtained? | N/A <input type="checkbox"/> | <input type="checkbox"/> |

SECTION 4: SUBMISSION CHECKLIST *(See guidance document for details.)*

- ☒ Kentucky Public Riverport Construction and Maintenance Application
- ☒ Statement of Work
- ☒ Scope of Work
- ☒ Purchase quote or cost estimate for the project
- ☒ Project Schedule/Timeline
- ☒ Maps, aerial photos, drawings, and photographs, as needed
- ☒ Engineering plans, schematics, details, drawings of the proposed project, as needed
- N/A ☒ Copies of all correspondence or evidence of consultation that has occurred with state and federal agencies, if applicable
- ☒ Required Affidavit for Bidders, Offerors and Contractors from applicant

SECTION 5: CERTIFICATION

I have read the Kentucky Public Riverport Construction and Maintenance Project Guidance Document and understand and agree to abide by what is stated therein. I agree that incomplete applications, applications missing any of the above required supporting documents, or applications received after the deadline, will be deemed ineligible by Division staff without consideration for KPRCM funds and returned to applicant. I also hereby certify, subject to the provision of KRS 523.100 (unsworn falsification to authorities), that the above information is true and correct to the best of my knowledge.

| PRINTED NAME & TITLE | SIGNATURE | DATE |
|----------------------|-----------|-------------------|
| James H. Garrett | | FEBRUARY 10, 2025 |

Completed applications and all required attachments must be submitted electronically in PDF format. Paper copies will not be accepted. Emailed applications must be received by the Division by date indicated in call for projects. PDF copies shall be sent via email to: KYTC.ModalPrograms@ky.gov



Kentucky Public Riverport Construction & Maintenance (KPRCM) Application

General Cargo Facility Concrete Travelway

CONCRETE SLAB TO CONNECT
FLOODWALL OPENING TO
WAREHOUSE LOADING RAMP
70'-0" X 75'-0".



Point of Contact: James H. Garrett
Applicant: Paducah-McCracken County Riverport Authority
Applicant Address: 2000 Wayne Sullivan Drive
Paducah, KY 42003

Phone: Office (270) 442-9326 Ext 3610
Cell (270) 556-7734
Email: jgarrett@paducahriverport.org

Total Project Cost: \$ 256,750.00

Grant Funding Application:

Grant funds will be utilized to construct a 70' x 75' concrete pad travelway from the shoreside storage pad to Warehouse No. 3. The revitalized travelway will allow loaded forklift to increase velocity resulting in an improved cycle time. This improved cycle time will allow for more efficient unloading and storage of break bulk cargo.

Qualifications and Eligibility:

Paducah-McCracken County Riverport Authority (PMCRA) was founded in 1964 by the legislative bodies of McCracken County and the City of Paducah. The operating facility is located on the Tennessee River between river mile marker 1.3 and 2.0 on the left descending bank, near the confluence of the Ohio and Tennessee Rivers.

PMCRA is a major transhipper of bulk commodities servicing 14 counties in western Kentucky along with substantial shipments to TN, IL, and MO. Commodities transshipped through the port support State and Federal roadway projects, the expansion of the Kentucky Lock & Dam, commercial and residential construction projects, two manufacturing facilities employing over eighty (80) Kentuckians and the agriculture industry in Kentucky and the adjoining states. Our business partners have conveyed that the port directly supports over 600 jobs, not including those associated with the river industry or the four-state agriculture community.

The following picture provides an aerial view of the PMCRA facilities. These include a General Cargo Berth (GCB) and shoreside laydown cargo area. A separate Bulk Commodity Berth, (BCB) is used to discharge barges that is fed via conveyor to a 20-acre Bulk Commodity storage and transshipment yard. The Port also has over 100,000 square feet of warehousing, office buildings and additional outdoor storage areas. The

two current areas associated with the Port's Radioactive Materials License (RAM) that are utilized for UF-6-cylinder storage and transshipments are also identified in the picture.

Paducah-McCracken County Riverport Authority – Aerial View



Statement of Work:

The PMCRA General Cargo Facility receives incoming product by way of barge. The break bulk cargos are unloaded from barge utilizing a 53-ton Comansa crane, temporarily stored, and transported by way of forklift to Warehouse No. 3. The break bulk cargo is shipped in 1,800 lb. supersacks. The transfer of the supersacks from the

temporary storage pad to Warehouse No. 3 requires approximately 900 forklift transit cycles per barge. This volume of loaded forklift cycles across the asphalt travelway has resulted in a significant deterioration of the asphalt surface.

This infrastructure improvement project will require the replacement of a 70' x 75' asphalt surface with a concrete surface. The concrete surface travelway will result in an improved forklift velocity while delivering cargo from the temporary storage pad to Warehouse No. 3. This revitalized travelway surface will allow for an approximate 20% improvement in the cycle time.

Currently, employees are reassigned from the bulk yard operations to operate the forklifts while unloading and storing the supersacks. This employee reassign causes the bulk cargo yard barge unloading operations to be idled for this period. This direct reduction in the storage labor hours required to store a general cargo barge will result in 4.8 hours per employee of additional production in the bulk cargo yard.

Scope of Work:

A 70' x 75' x 14" concrete travelway will be constructed connecting the floodwall apron to the Warehouse No.3 loading ramp.

The project consists of asphalt/concrete removal, earth removal and disposal, placement of dense grade base, and construction of a reinforced concrete pad.

Site Preparation

Site preparation requires the removal of the following:

- 5,250 sq/ft. of asphalt and concrete

Earthwork

Earthwork will require the removal, disposal, and grading of 200 cu/yds of material to prepare the elevation depth.

Travelway Base

The travelway base consists of 4" limestone aggregate base requiring 150 tons of dense grade limestone.

Travelway Pad Surface

The 70' x 75' x 14" reinforced concrete pad requires 5,250 sq/ft of concrete surface.

Note, no permits are required for this type of revitalization of an existing surface.

Project Purchase Quote and Cost Estimate

| Project Component | Project Detail | Project Detail |
|----------------------------|----------------------------------|---------------------|
| Engineering | Project Engineering | \$33,500.00 |
| Site Preparation | Asphalt, Concrete, Earth Removal | \$30,625.00 |
| Dense Grade Base | Placement of Dense Grade Base | \$6,750.00 |
| Construction Concrete Pad | Reinforced 14" Concrete Pad | \$147,000.00 |
| Advertising, Notices, etc. | Administrative Costs | \$2,000.00 |
| Project Contingency | Based on 20% Construction | \$36,875.00 |
| Project Total | | \$256,750.00 |

Engineering and Road Construction Estimate



BFW Project No.: N/A
 BFW Project Name: PMCRA ENTRANCE TO FLOODWALL OPENING
 Date: February 5, 2025
 Project Stage: SCHEMATIC

OPINION OF PROBABLE COST FOR CONSTRUCTION

| Item Description | Quantity | Unit | Unit Cost | Unit Price Totals | Totals |
|--|----------|-------|-----------|-------------------|----------------------|
| Connection of Floodwall Opening to Warehouse Ramp | | | | | |
| FULL DEPTH CONCRETE/ASPHALT REMOVAL | 5,250 | SQ FT | \$ 4.50 | \$ 23,625.00 | |
| EARTH REMOVAL AND DISPOSAL | 200 | CU YD | \$ 35.00 | \$ 7,000.00 | |
| DENSE GRADE AGGREGATE BASE (4") | 150 | TON | \$ 45.00 | \$ 6,750.00 | |
| REINFORCED CONCRETE SLAB (14") | 5,250 | SQ FT | \$ 28.00 | \$ 147,000.00 | |
| TOTAL SCHEMATIC ESTIMATE | | | | | \$ 184,375.00 |
| DESIGN / CONSTRUCTION CONTINGENCY (20%) | | | | | \$ 36,875.00 |
| TOTAL SCHEMATIC CONSTRUCTION BUDGET | | | | | \$ 221,250.00 |
| ENGINEERING DESIGN AND CONTRACT ADMINISTRATION | | | | | \$ 33,500.00 |
| TOTAL PROJECT | | | | | \$ 254,750.00 |

Permit or Bond Estimate

No permits or bonds required for this construction project.

Project Schedule and Timeline

| Project Component | Timeframe |
|------------------------------------|-----------------------------|
| Engineering | 4 weeks |
| Site Preparation | 4 weeks |
| Concrete Pad Construction | 12 weeks |
| Total Construction Schedule | 20 weeks or 5 months |

Engineering Schematics and Aerial Photographs

Elevated View of Deteriorated Surface .

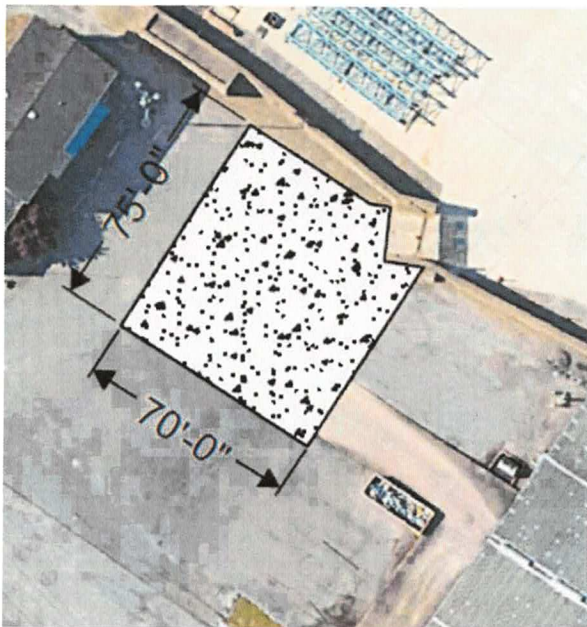


Ground Level View of Deteriorated Area



Engineering Schematic and Design Illustration of Concrete Travelway Pad

CONCRETE SLAB TO CONNECT
FLOODWALL OPENING TO
WAREHOUSE LOADING RAMP
70'-0" X 75'-0".



Summary

Due to the simplicity of the project, it was determined no permits were required thus no direct correspondences were required with federal or state agencies.

On behalf of my colleagues at PMCRA, our business partners and the citizens of the City of Paducah, McCracken County, and the adjacent Western Kentucky counties that we service, I would like to thank you for your consideration of this critical infrastructure revitalization project within our facility. Should you have any questions or require any additional clarification, please do not hesitate to contact me.

Respectfully submitted,



James H. Garrett
Executive Director
Paducah-McCracken Country Riverport Authority




**Required Affidavit for Bidders, Offerors
and Contractors**
(KRS 45A.110 & 45A.115)

Affidavit Effective for One (1) Year from Date of Execution

Instructions: Pursuant to KRS 45A.110 and 45A.115, a bidder, offeror, or contractor ("Contractor") is required to submit a Required Affidavit for Bidders, Offerors, and Contractors to be awarded a contract, or for the renewal of a contract. An authorized representative of the contracting party must complete the attestation below, have the attestation notarized, and return the completed affidavit to the Commonwealth.

Attestation

As a duly authorized representative for the Contractor, I swear and affirm under penalty of perjury, that that the Contractor has not knowingly violated campaign finance laws of the Commonwealth of Kentucky and that the award of a contract will not violate any provision of the campaign finance laws of the Commonwealth. For purposes of this attestation, "Knowingly" means that the bidder or offeror is aware or should have been aware of the existence of a violation. The bidder or offer understands that the Commonwealth retains the right to request an updated affidavit at any time.


Signature
Executive Director
Title

James H. Garrett
Printed Name
02/10/2025
Date

Bidder or Offeror Name: Paducah McCracken County Riverport Authority
Address: 2000 Wayne Sullivan Drive
Paducah, KY 42003

Commonwealth of Kentucky Vendor Code (If known): _____

Subscribed and sworn to before me this 10 day of February, 2025.
State of: Kentucky Notary: Jessica L. McDowell
County of: McCracken My Commission Expires: July 22, 2027

