# THE HEARTLAND ENGINEERS





US Army Corps of Engineers © Kansas City District

The Kansas City District delivers world class programs and projects to the heartland region and the nation to support national security, strengthen our economy, and reduce environmental and disaster risk.

Fast Facts: 1000, dedicated civil servants; manage 500 miles of the Missouri River; 18 dams and reservoirs; two hydropower plants; 3000, + regulatory permits per year.





Recreation



Operations



**Emergency Management** 



Civil Works



Military Construction



Environmental Program

# **KANSAS CITY DISTRICT - VALUE TO THE NATION**

OCTOBER 2023



#### MO RIVER NAVIGATION

- 498 MILES OF NAVIGABLE WATERWAY TRANSPORTS COMMODITIES,
  I.E., GRAIN AND AGGREGATE, THROUGH THE HEARTLAND
   STABLE, RELIABLE CHANNEL COMPOSED OF RIVER TRAINING
- STRUCTURES THAT PROMOTES SELF-SCOURING.

  MISSOURI RIVER AND MISSISSIPPI RIVER FORM TWO PRIMARY
- MISSOURI RIVER AND MISSISSIPPI RIVER FORM TWO PRIMARY NAVIGABLE MARINE HIGHWAY ROUTES AS DESIGNATED BY USDOT.
- WATERWAY TRANSPORTATION RESULTED IN ENVIRONMENTAL AND ECONOMIC BENEFITS.
- 225+ SURVEYS CONDUCTED ASSISTING NAVIGATORS AND ENGINEERS.
- FROM 2010 TO 2020 TRAFFIC INCREASED 2.6X FROM FIRST 5 YEARS TO LAST 5 YEARS
- 2.54 MILLION TONS OF ROCK PLACED ON 473 STRUCTURES SINCE THE 2019 FLOOD.

## RECREATION AND ENVIRONMENTAL STEWARDSHIP

ALLOWED APPROXIMATELY 15.7M VISITORS OUTDOOR EXPERIENCES

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- 100V ACRES OF WATER
- 198K ACRES OF WATER
- 413K ACRES OF LAND

\$1.46M IN AGRICULTURAL LEASE RENT FOR FY23.

NEARLY **6,000** ACRES OF LAND IMPROVED OR ENHANCED FOR POLLINATORS.

OVER \$4.2M IN TOTAL REVENUE
COLLECTED FROM RECREATION AREAS.



#### KANSAS CITYS LEVEES

- COMPLETED 40% OF \$270M IN LEVEE IMPROVEMENTS AND RAISES ALONG ARGENTINE, ARMOURDALE AND CID.
- COMPLETED \$2M OF IMPROVEMENTS TO 3 PUMP STATIONS ALONG CID.
- COMPLETED IMPROVEMENTS ON 5 OF 7 STATIONS ALONG ARMOURDALE.
- COMPLETED \$35M OF PUMP STATION REPLACEMENTS ALONG ARGENTINE.

#### **NEXT NGA WEST CAMPUS**

- SECURE FACILITY FOR OVER 3K DOD EMPLOYEES SUPPORTING NATIONAL SECURITY.
- SIGNIFICANT PROGRESS ON INTERIOR CONSTRUCTION WITH FURNITURE INSTALL UNDERWAY IN FINISHED AREAS.
- STARTUP AND TESTING OF ELECTRICAL AND MECHANICAL SYSTEMS ARE UNDERWAY.
- FOLLOW ON CONTRACTORS TO BEGIN SECURITY AND IT EQUIPMENT INSTALL OVER THE NEXT YEAR.
- 128 SMALL BUSINESS SUBCONTRACTS VALUED AT OVER \$205M.

## **HYDROPOWER**

HARRY S TRUMAN & STOCKTON

TOTAL GENERATION 100,940,000KWH

- POTENTIAL TO POWER ~7.6K HOMES
- CUMULATIVE FLOOD DAMAGES PREVENTED: \$1.8B TRUMAN, \$428M STOCKTON.

THE AVERAGE MISSOURI HOME CONSUMES MONTHLY 1103KWH BASED ON DATA FROM 2021 EIA SCHEDULES. ANNUALLY THIS WOULD BE 13,236KWH. POTENTIALLY POWERING UP TO 7,626 HOMES. THE AVERAGE PRICE OF ELECTRIC IN 2022 ACCORDING TO SAME EIA SCHEDULE FOR MISSOURI IS 12,29 (CENTS/KWH). THIS EQUATES TO \$12,405,562.

# FORT LEONARD WOOD HOSPITAL-REPLACEMENT

- REPLACES MEDICAL FACILITIES CONSTRUCTED 50+ YEARS AGO.
- BROKE GROUND OCT 2019, ANTICIPATED
  TO RECEIVE PATIENTS IN 2025.
- 44 INPATIENT-BEDS 235.4K SQ. FT., PRIMARY CARE CLINIC 193.3K SQ. FT.
- PROJECTED TO SERVE 5,700
   ACTIVE DUTY & 20,400 TRAINEES,
   FAMILIES AND RETIREES.
- TOTAL COST = \$315.3M





US Army Corps of Engineers



#### **DELIVERING ON OUR COMMITMENTS**

FOUNDED IN 1907, DELIVERING WORLD-CLASS QUALITY PROGRAMS FOR 116 YEARS & COUNTING, THE KANSAS CITY DISTRICT EMPOWERS OVER 1,000 HIGHLY TALENTED PROFESSIONALS 100% COMMITTED TO THE MISSION.

- SMALL BUSINESS OBLIGATIONS, \$319,170,256
- SMALL BUSINESS CONTRACTS = 814
- SMALL BUSINESS IS 53% OF \$624.9M TOTAL OBLIGATIONS.
- SMALL BUSINESS IS 61% OF 1,344 TOTAL CONTRACTS.

