

2014 ASCE/SAME Joint Engineer Conference

COL Christopher T. Drew

District Commander

Chicago District

21 October 2014



®

US Army Corps of Engineers
BUILDING STRONG®

USACE's Value to the Nation

USACE provides value for the Nation in many ways to diverse stakeholders.

- We deliver **positive impacts** for today and tomorrow - in construction, natural resource management, energy and sustainability and capacity building, and more.
- We have the **“right” people**: world-class professionals, civilians, and soldiers alike.
- We are U.S. Army **“ambassadors”** on a daily basis to political leaders, America's small businesses, and to citizens wherever we serve them.
- We are the **“Nation's Engineers.”**



A History of Success

(Value to the Nation)

Timeline of Chicago's history:

- 1803 Construction of Fort Dearborn
- 4 Aug 1830 Plat filed for town of Chicago
- 12 Aug 1833 Town of Chicago incorporated (pop. 350)
- 1833 Corps constructs harbor at mouth of Chicago River
- 4 Mar 1837 Chicago granted city charter
- 1840 population hits 4,000
- 1844 - 1915 Harbors constructed along WI, IL, IN shorelines
- 1836-1848 I&M Canal constructed
- 1857 pop. Hits 90,000
- 1870 Corps establishes Chicago District
- 1871 Great Chicago Fire



James Thompson's original 1830 58-block plat of Chicago



Major Corps of Engineers milestones:

- 1803 - Fort Dearborn established
- 1871 - Great Chicago Fire
- 1893 - World Columbian Exposition
- 1933-34 - Century of Progress World's Fair

The Corps of Engineers' history is intertwined with Chicago's own. Vibrant and dynamic, looking forward and leading into tomorrow.

Timeline of Corps of Engineers projects:

- 1889 Sanitary District of Chicago formed
- 1900 Chicago Sanitary & Ship Canal opened (pop. 1.7M)
- 1938 Chicago Lock completed
- 1940's MILCON in 5 states
- 1950's Nike sites and military facility at O'Hare
- 1970's Postal facilities and Burns Harbor, Indiana
- 1980s TARP
- 1990 Aquatic Nuisance Species Control Act
- 1990's North Branch and O'hare reservoirs, Little Calumet River Levee project. Great Chicago Tunnel Flood
- 2000's Chicago Shoreline, Indiana Harbor CDF, McCook Reservoir
- 2002, 2007, 2009, 2011 - Barriers I, IIa, IIa increase, IIb



VESSEL BEING TOWED THROUGH THE CHICAGO RIVER



LOCKPORT LOCK & DAM



INDIANA HARBOR & CANAL



MARSEILLES DAM



DRESDEN LOCK CONSTRUCTION



CALUMET-SAGANASHEE CHANNEL BEFORE WIDENING

Chicago District Leadership



Kimberly J. Sabo, JD
District Counsel



Colonel Christopher T. Drew
District Commander

James McLean
Strategic Planner



G & A Staff



LTC Kevin J. Lovell
Deputy District Commander

41

PP & PM Division

43

Roy J. Deda,
Deputy for
Project Management

Technical Services Division

130

Linda M. Sorn, P.E.
Chief, Technical Services
Division



Regina Blair
Chief, Contracting Branch



Vicki Halley
Acting RM Officer



Felicia Kirksey, PMP
AIS Program Mgr



Sherrie Barham
Chief, Programs &
Project Mgmt Branch



Peter Flanagan
Safety Officer



Annette Dunn
Internal Review Officer



Joseph J. Schmidt, P.E.
Chief, Design Branch



Vacant
HR Specialist



Lynne Whelan
Public Affairs



Susanne Davis, P.E.
Chief, Planning Br



Shamel Abou-El-Seoud, P.E.
Chief, Construction-Opns Br

Vacant
Deputy for Small Business



Cheryl Stovall
EEO Officer



Leesa A. Beal
Chief, Regulatory Branch



USACE-Chicago District

Mission: USACE-Chicago District provides **valued, world class leadership, engineering services, and management capabilities** for diverse **stakeholders and partners** within the greater Chicago-land metropolitan area and to the Nation.

• **LRC Mission Areas:**

- Flood Risk Management
- Shoreline Protection
- Navigation
- Environmental
- Emergency Management
- Overseas Contingency Ops
- IIS Program
- Regulatory Support
- Real Estate



Great Lakes and Ohio River Division



9 Counties (IL – 6; IN – 2+); 5,000 Sq. Mi.; 9.1 Million people

General Investigations (GI)

Mission: Conduct feasibility studies to determine cost effective solutions. These studies have the potential to lead to design and construction of various projects in the future.

- **Current Feasibility Studies Include:**

- **Upper Des Plaines River and Tributaries** →
- **Bubbly Creek** ↘
- **Great Lakes and Mississippi River Interbasin Study** ↓



Chicago – Flood Risk Management

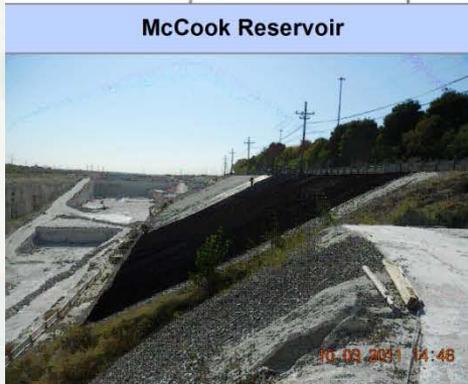


Des Plaines River Levee 37

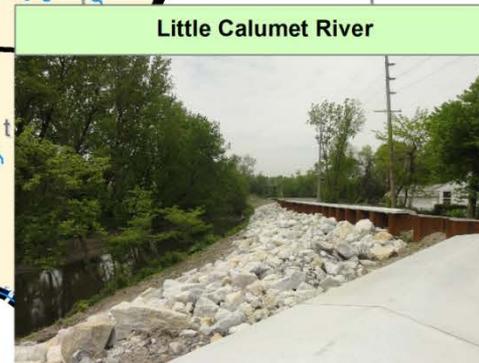
- FRM-since 1945
- \$864M in flood damages prevented since 1996
- \$96M in 2010
- \$130M in 2011
- \$48M in 2012
- \$319M in 2013



Chicago Shoreline



McCook Reservoir



Little Calumet River

Des Plaines River, Phase II



❑ Phase II feasibility study to include the entire Upper Des Plaines watershed including 15 tributaries in Illinois and Wisconsin

❑ Flood risk management, ecosystem restoration, water quality, and recreation benefits

❑ Over 43 municipalities in the watershed suffer damage from the Des Plaines River and tributaries flooding

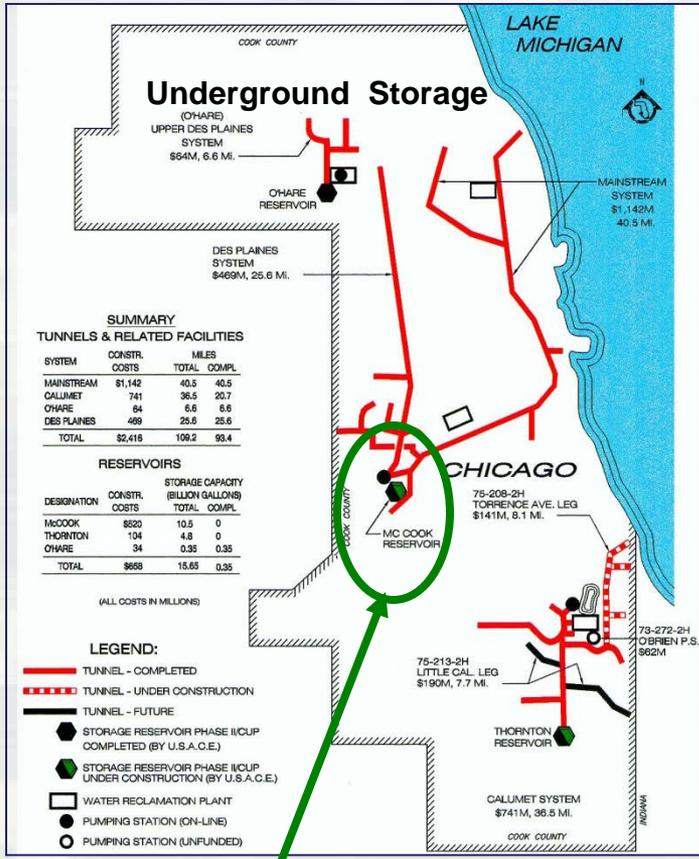
❑ Recent flood events include May 2004, August 2007, September 2008 and December 2008, April 2013

❑ Public Release of Draft Feasibility Report September 3, 2013. Chief's Report expected in Fall 2014.

❑ Recommends 12 Ecosystem Restoration Projects and up to 8 Flood Risk Management Projects for construction.



McCook Reservoir, Illinois



30,000 acre-ft Reservoir (10 billion gal)
 1 of 2 Tunnels complete
 Pumps & motors finished
 Gates and valves, Aeration system
 Scheduled Completion: Phase 1 (2017),
 Phase 2 (2029)



Main Tunnel
Soil and Rock Wall Stabilization

FY 15 Construction:

- Continue Main Tunnel contract
- Award Distribution Tunnels Final Contract
- Award Main Tunnel Tie-in Contract
- Award Rock Wall Stabilization Contract
- Award Final Reservoir Prep Contract



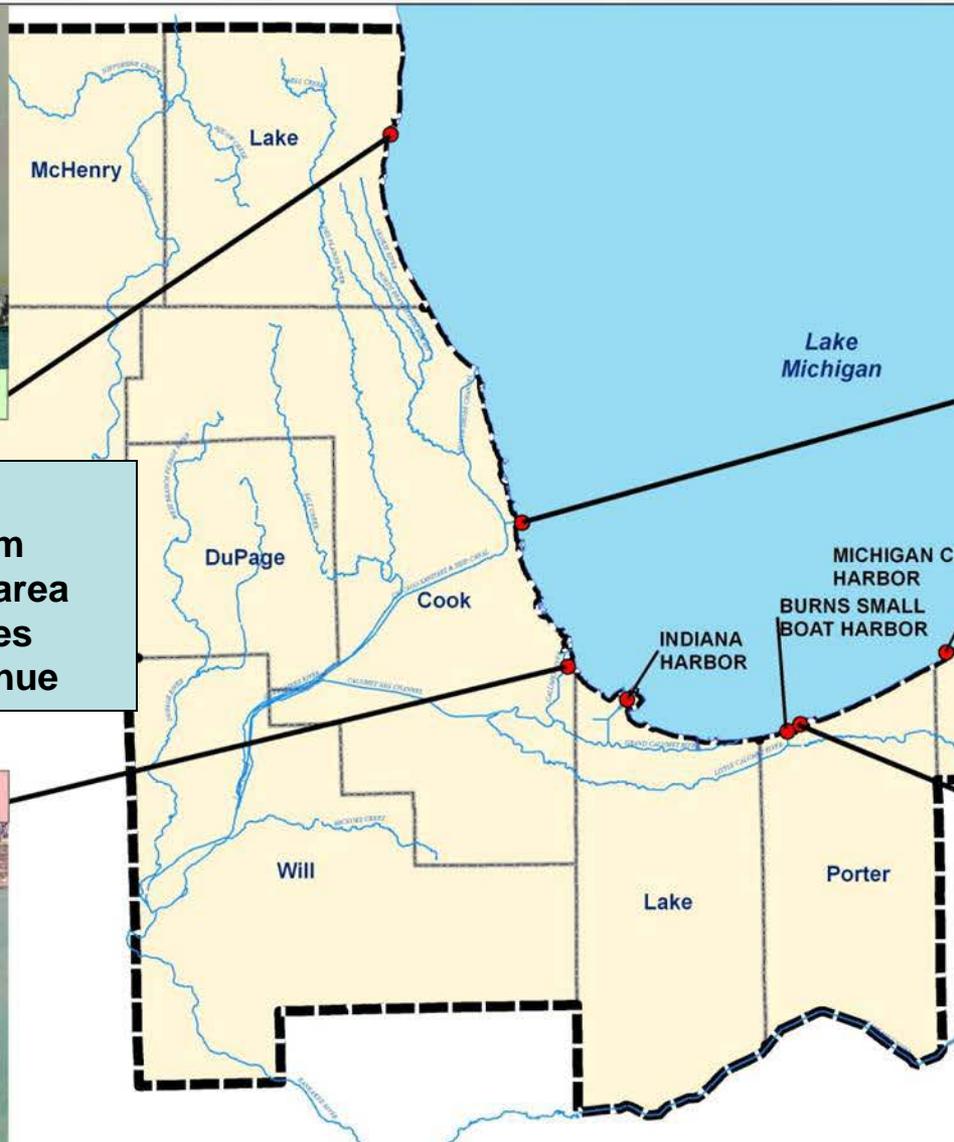
Chicago – Navigation



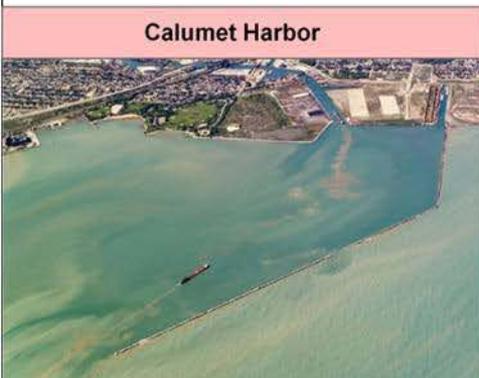
Waukegan Harbor



Chicago Harbor Lock



- Seven Harbor projects
- 90% traffic within system
- 14,287 jobs in Chicago area
- \$652 M in wages, salaries
- \$2.8 B in business revenue



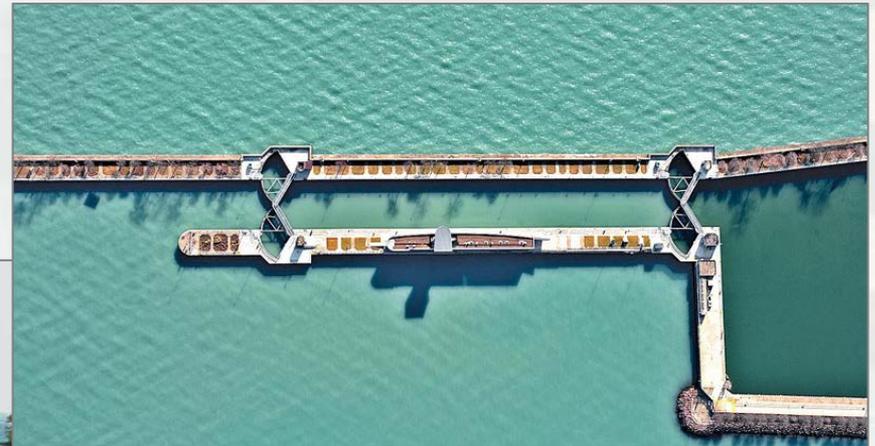
Calumet Harbor



Burns Waterway Harbor

Chicago Harbor Lock

- ***Project Type: Utility Crossover Tunnel Repairs***
- ***Set Aside Type: TBD***
- ***\$250K - \$500K***



Chicago – Ecosystem Restoration



Hofmann Dam (SECT 206)



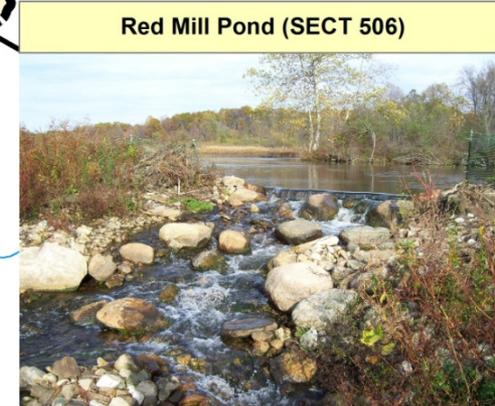
63RD ST BEACH (SECT 506)

Ecosystem Restoration:

- 23 projects completed or in construction for over 2600 acres of habitat & 60 miles of unimpeded river flow
- On target to award 3 new construction projects in 2014
- 32 studies in progress

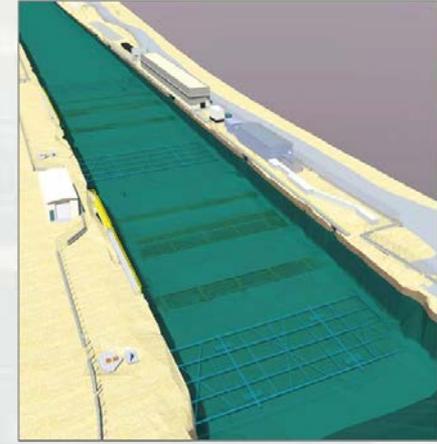
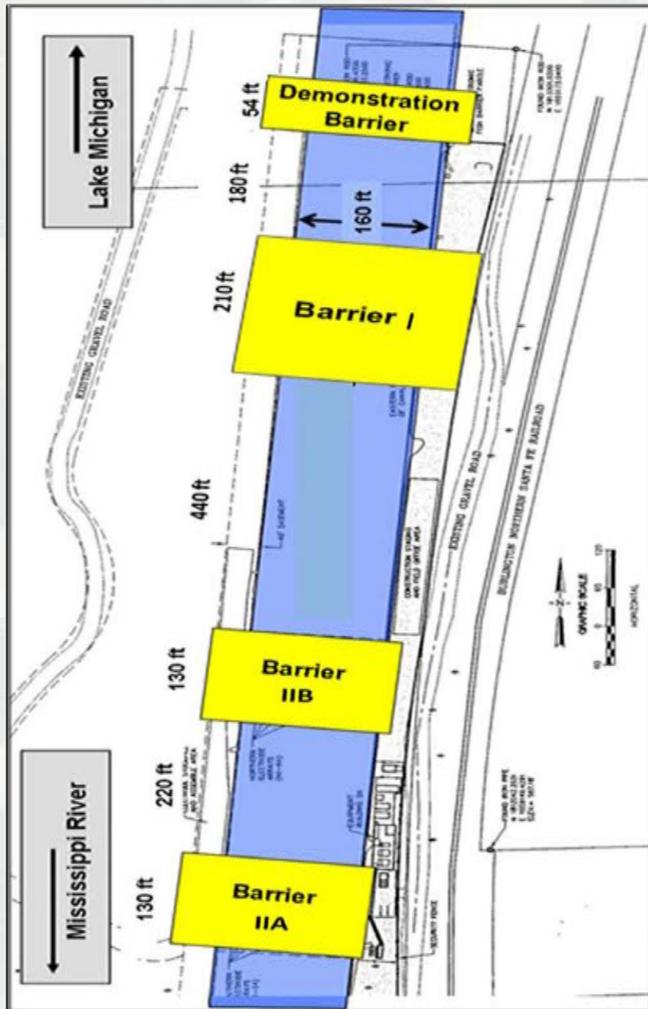


Orland Tract (SECT 206)



Red Mill Pond (SECT 506)

Electric Fish Dispersal Barriers



FY 15 Projects:

- Continue Barrier IIA Power Quality Improvements
- Continue Barrier I In-Water Structures
- Continue Barrier I Electronics Supply
- Award Barrier I Backup Generators Contract
- Award Barrier I Electronics Installation Contract
- Award Barrier I Controls Contract



FY 14 Contract Actions

- In FY 2014, LRC executed 295 contract actions, representing \$94,124,097 in obligations as follows:

Category	Contract Actions	Obligation
Unrestricted	110	\$ 40,026,036
Small Business	185	\$ 54,098,061
TOTAL	295	\$94,124,097
SDB (includes 8(a)'s)	67	\$ 17,026,680
HUBZone	39	\$9,087,154
SDVO	21	\$ 1,659,602
VO	26	\$ 1,725,888
WO	35	\$9,724,355



Contracting With The Chicago District

- **Contract Advertisements/Bid/Proposal/Quote Packages and Sources Sought:**

All Contracting Opportunities (includes: AE, Construction, Services, Supplies and O&M Projects)

VISIT: Federal Business Opportunities Website at:

<http://www.fbo.gov>

Block 5, Keyword/Solicitation # W912P6 (Chicago)



Small Business Socio-Economic Programs

➤ **Socio-Economic Program Emphasis:**

- **Service Disabled Veteran Owned Small Businesses (SDV)**
- **Woman Owned Small) Businesses & Economically Disadvantaged Woman Owned Small Businesses (WOSB & EDWOSB)**
- **Historically underutilized Business Zone (HUBZone)**
- **Small Disadvantaged Small Business (includes)**
- **Certified 8(a) Businesses**
 - **Sole Source Awards under \$4M (non manufacturing NAICS)**
 - **Competitive Awards over \$4M (non manufacturing NAICS)**

➤ **DISTRICT'S SMALL BUSINESS GOALS FOR FY15:**

- **SB = 23%**
- **SDB (includes 8a)= 5%**
- **WO = 5%**
- **HUBZone = 3%**
- **SDV = 3%**



FY 15 Contracting Opportunities

- **CATEGORIES FOR SET-ASIDES**
 - ✓ *Small Business*
 - ✓ *Small Disadvantaged Small Business (includes 8a)*
 - ✓ *Woman Owned Small Business*
 - ✓ *Historically Underutilized Business (HUB)Zone*
 - ✓ *Service Disabled Veteran Owned Small Business*
- *Detailed information on LRC Contracts available through Regina Blair, Contracting Officer*



Preliminary FY 15 Advertisement Schedule (Planned)

<i>Name</i>	<i>Date</i>	<i>Range</i>	<i>Description</i>	<i>Method</i>
<i>McCook Reservoir, Distribution Tunnels Final Contract</i>	<i>1QFY15</i>	<i>\$5M-\$10M</i>	<i>Tunnel Construction</i>	<i>Small Business</i>
<i>Calumet Region, IN – Lake Station Sewer Rehabilitation</i>	<i>1QFY15</i>	<i>\$500K -1M</i>	<i>Pipelining</i>	<i>Small Business</i>
<i>McCook Reservoir, Final Reservoir Prep</i>	<i>2QFY15</i>	<i>>\$10M</i>	<i>General Construction</i>	<i>TBD</i>
<i>McCook Reservoir, Rock Wall Stabilization</i>	<i>2QFY15</i>	<i>\$1M - \$5M</i>	<i>General Construction</i>	<i>TBD</i>
<i>McCook Reservoir, Instrumentation</i>	<i>2QFY15</i>	<i>\$250K - \$500K</i>	<i>General Construction</i>	<i>TBD</i>
<i>CSSC Dispersal Barriers, Barrier I Electronic Equipment Installation</i>	<i>2QFY15</i>	<i>\$1M-\$5M</i>	<i>Electrical Equipment Installation</i>	<i>TBD</i>



Preliminary FY 15 Advertisement Schedule (Planned)

Name	Date	Range	Description	Method
<i>CSSC Dispersal Barriers, Barrier I Backup Generators</i>	<i>2QFY15</i>	<i>\$1M - \$5M</i>	<i>Generator Supply</i>	<i>TBD</i>
<i>CSSC Dispersal Barriers, Barrier I Exterior Electric</i>	<i>3QFY15</i>	<i>\$5M - \$10M</i>	<i>Various Electrical</i>	<i>TBD</i>
<i>Morton Arboretum, IL</i>	<i>3QFY15</i>	<i>\$1M-\$5M</i>	<i>Ecosystem Restoration</i>	<i>TBD</i>
<i>CSSC Dispersal Barriers, Barrier I Controls</i>	<i>3QFY15</i>	<i>\$5M - \$10M</i>	<i>Various Electrical</i>	<i>TBD</i>
<i>Ravine #8, Lake County, IL</i>	<i>4QFY15</i>	<i>\$500K - \$1M</i>	<i>Ecosystem Restoration</i>	<i>Sole Source 8a</i>
<i>Ft. Sheridan, Lake County, IL</i>	<i>4QFY15</i>	<i>>\$10M</i>	<i>Ecosystem Restoration</i>	<i>TBD</i>
<i>Chicago Harbor Lock Utility Tunnel Repair</i>	<i>4QFY15</i>	<i>\$250K-\$500K</i>	<i>Utility Tunnel Repair</i>	<i>TBD</i>
<i>Chicago Harbor Lock HPU Enclosures</i>	<i>4QFY15</i>	<i>\$100K-\$250K</i>	<i>Various Electrical/Mechanical</i>	<i>TBD</i>



Chicago District A-E Contracting

Current Contracts

<i>Name</i>	<i>Description</i>	<i>Size</i>	<i>Awarded</i>	<i>Expires</i>
<i>Future Net Group</i>	<i>Environmental Sampling</i>	<i>\$5 M</i>	<i>Feb 10</i>	<i>Feb 15</i>
<i>Limno-Tech, Inc</i>	<i>Engineering Services</i>	<i>\$5 M</i>	<i>Sep 13</i>	<i>Sep 18</i>
<i>Seaside Engineering & Surveying, LLC</i>	<i>Land Surveying</i>	<i>\$2.5 M</i>	<i>Jan 14</i>	<i>Jan 19</i>
<i>Strata Earth Services, LLC</i>	<i>Geotechnical Eng.</i>	<i>\$5 M</i>	<i>Feb 14</i>	<i>Feb 19</i>



Chicago District Points of Contact



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Chicago District



www.lrc.usace.army.mil

