

Welcome to Can you Dig it 2024



Event Agenda

9:00 Registration, Coffee and Networking

MBE/WBE firms please visit the Pavilion Lobby to network with interested prime contractors

10:00 Welcome: Rene´ Lindsay – MSD Chief Procurement Officer

10:05 Keynote Speakers

- Tony Parrott – MSD Executive Director
- Sharise Horne – MSD Chief of Equity and Community Partnerships
- John Loechle – MSD Engineering Technical Services Director
- Rene´ Lindsay – MSD Chief Procurement Officer
- Tim Kraus – Louisville Water Vice President and Chief Engineer

10:50 Closing Remarks: Rene´ Lindsay - Chief Procurement Officer

11:00 Networking

12:00 Event Ends

Welcome to Can you Dig it 2024



Can You Dig IT 2024

Tony Parrott, Executive Director

January 18, 2024



Can You Dig It 2024

Sharise Horne,
Chief of Equity & Community Partnerships

January 18, 2024



Community Benefits Program

\$4M+

Over \$4M in commitments made through the MSD CBP to schools and community organizations.

1



- Virtual career panels
- WDA Cohort sponsorships
- Tools Development

2



- STEM Lab development
- Outdoor Education
- Scholarships

3



- Community Parks project
- Community gardens/Tree Planting
- New homes built for community residents

Community Benefits Partners

More than **30** professional services firms and contractors participating in our Community Benefits Program:

AECOM

American Roofing & Metal

Arcadis

Brown & Caldwell

Burgess & Niple

Flynn Brothers

Gonzalez Companies

Greeley & Hansen (TYLin)

GRW

Hazen & Sawyer

HDR

Heritage Engineering

Jacobs

KIPDA

MAC Construction

Mindel Scott

Pace Contracting

QK4 Inc

RA Consultants

Stantec

Strand Associates, Inc.

Temple & Temple

Tetra Tech

Thieneman Contracting

Ulliman & Schutte

Walsh Construction

Subcontractors:

7NT

Bryant Associates Inc.

CMS

Cornerstone Engineering, Inc.

Jacobi, Toombs, & Lanz, Inc.

Magna Engineers, PLLC.



Parks Alliance of Louisville



“At the Parks Alliance, we understand it takes an alliance to do great things. Strand has been our ally every step of the way, and we are so grateful for their financial support. We could not ask for a better partner, and with their help we are ensuring equitable investment to create Great Parks for All.”

– Brooke Pardue, President and CEO of Parks Alliance of Louisville

“Strand measures success not just in terms of project effectiveness, but in how it helps communities thrive. MSD’s Community Benefits Program aligns perfectly with our core belief that our progress is measured by the success of others.”

– Strand Senior Project Manager Mark Sneve, P.E.

Sample Annual

TCI continues to support the efforts and visions of its phenomenal beneficiaries by providing workforce and economic development that touches every corner of the community and beyond... We are thrilled to be a conduit for these inspiring organizations and look forward to our continued work with them – ACE Mentor, Black CDC, Boys and Girls Haven, Dress For Success Louisville, Habitat For Humanity, JCPS – Fairdale HS, JCPS – Newcomer Academy Parks Alliance of Louisville, Salvation Army. Thank you for all you do!”

- Thieneman Construction



Community Benefits Partnership Newsletter

December 29, 2023

Building Community Brick by Brick!

Thieneman Construction hit the ground running in 2023 by continuing to partner with phenomenal beneficiaries. We started off the year celebrating and empowering women, providing business best practices and job readiness, and connecting educational institutions with eager non-traditional students.

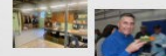
TCI continues to support the efforts and visions of its phenomenal beneficiaries by providing workforce and economic development that touches every corner of the community and beyond.

Our efforts can be indelibly measured by the impacts made with the students, families, and every individual reached through these organizations.

We are thrilled to be a conduit for these inspiring organizations and look forward to our continued work with them –

- ACE Mentor
- Black CDC
- Boys and Girls Haven
- Dress For Success Louisville
- Habitat For Humanity
- JCPS – Fairdale HS
- JCPS – Newcomer Academy
- Parks Alliance of Louisville
- Salvation Army

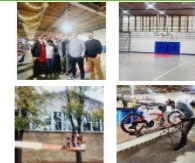
Thank you for all you do!



From landscaping to affordable housing to sprucing up the Dawg Pen... We are building community!

Thieneman Construction continues to echo the tenets of value, integrity, and transparency in our endeavor to build and impact community. The TCI community benefits team extends company-wide! It could be seen in every volunteer on our record-breaking Habitat Team Build or those rising to the occasion to help both Dress for Success Louisville and Coleman Prep in their moves to new locations. It was unmistakable in the love and care exhibited in the landscaping projects at Boys and Girls Haven, Parkhill Park and Fairdale HS. Thieneman is not only in the business of building, but we're in the business of building, cultivating, and fortifying community initiatives, community engagement, and community interaction.

It's More Blessed to Give Than to Receive



From the Joy Center to the Gym – We ARE building Community!

Thieneman Construction is thrilled and excited to move into 2024 continuing our work with these awe-inspiring beneficiaries. Building MORE in 2024!



The theme that continues to resonate throughout this journey is that "it is more blessed to give than to receive!" Giving back is the purpose and goal of the Community Benefits program, but the rewards far exceed any expectations that one may have envisioned. These rewards can only be captured in the faces of the families during Angel Tree registration and gift bag pickup or maybe seen in the faces of the children that live on the campuses of Boys and Girls Haven that now see the new energy efficient windows.

Perhaps, these rewards rest in the minds of the mentees of ACE Mentor or the new goals and aspirations of the women and girls that have been inspired and encouraged at Dress for Success Louisville. And yet, this is only scratching the surface... there is far more that can be told and far, far more to do! It's our privilege, honor, and commitment to continue to support and join with each endeavor as we not only build community but become FAMILY!



Bullitt County Impact



PROJECT

Hunters Hollow Pump Station and Force Main QK4, Inc. identified Overdale Elementary School as its community partner

COMMITMENT

QK4, INC provided over \$2,700 toward STEM Education, which included supplies and classroom instruction time. The QK4, Inc. team provided hands-on learning to students as they learned how to build bridges and conducted various experiments.

IMPACT

The QK4, Inc. team provided hands-on learning to over 50 students as they learned how to build bridges and experiments to test the strength of bridges

Oldham County Impact



PROJECT

Ash Avenue Interceptor Project, which is an over **\$9M construction project**. MAC Construction identified Oldham County YMCA as its community partner through the Community Benefits Program.

COMMITMENT

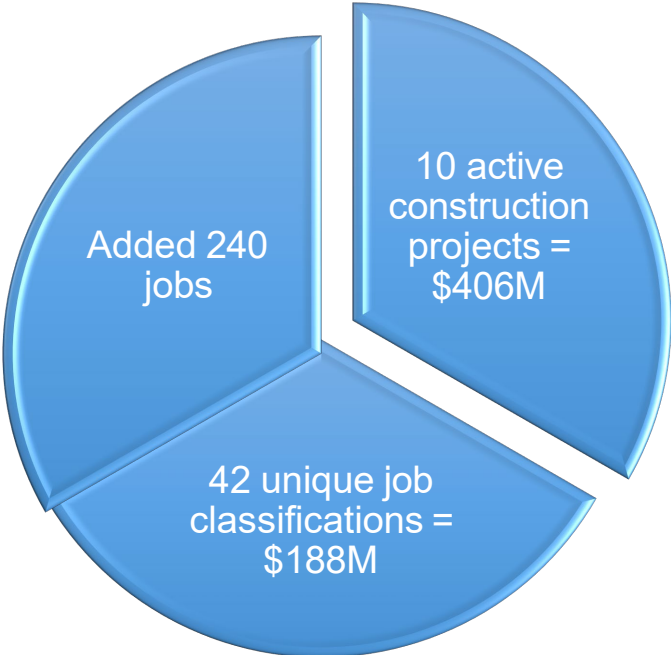
Mac Construction provided over **\$22K** toward after school programming at the Oldham County YMCA.

IMPACT

Six schools were served with **more than 70 students** impacted.

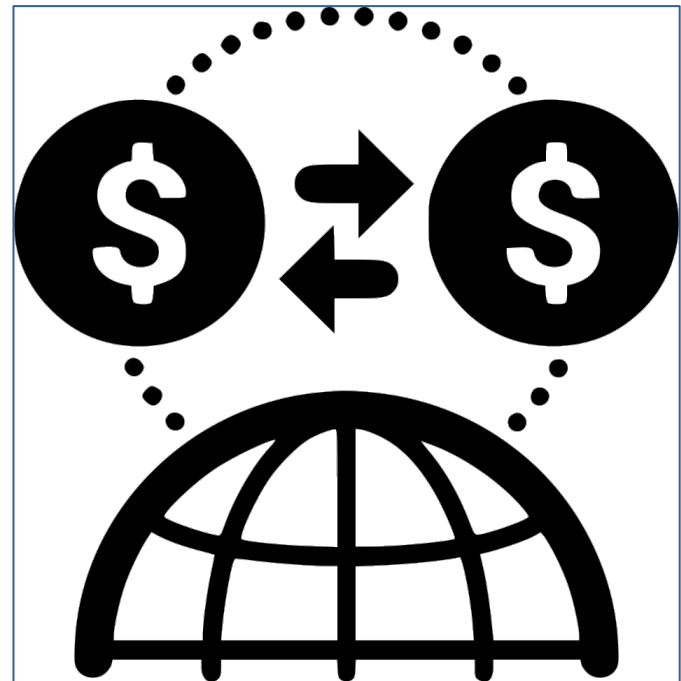
MSD Local Labor Preference Program

In 2023, MSD's Workforce Development Program tracked 42 unique construction laborer job classifications. MSD continues to seek partnerships with workforce development partners to ensure individuals are skilled and prepared for the job opportunities.



Local Labor Contractors

- **Thank you to all of the contractors and their 54 subcontractors participating the Local Labor & Prevailing Wage program:**
- Alpha Energy Solutions
- Allterrain Paving & Construction LLC
- Flynn Brothers Contracting
- MAC Construction & Excavating
- Midwest Mole
- Pace Contracting, LLC
- Robinson Pipe Cleaning Co.
- Temple & Temple Excavating & Paving, Inc.
- Thieneman Construction, Inc.
- Ulliman Schutte Construction, LLC



THANK YOU!

Together, the Community Benefits



Can You Dig IT 2024

**John Loechle, Engineering Technical Services
Director**

January 18, 2024



Projects Schedule to Advertise

First Quarter 24

Note: “Preliminary Estimates” listed in the following are based on initial planning, and are not the final engineer’s estimate.
Bidding schedules may also change based on available budget.

- Sluice Gate Repair Program - \$6.6M
- DRGWQTC Clarifier MCC and Grit Electric MCC Buildings Roof Replacement - \$350,000
- Beargrass Creek_Barrent Hill Road Bank Repair - \$300,000
- DRG Clarifier 4-6 Mechanism Update - \$5.1M

SLIDE 1

Projects Scheduled to Advertise

First Quarter 2024 (con't)

- CCWQTC Tertiary Filtration - \$7.9M
- Southwestern CSO Basin Bar Screen Replacement - \$245,000
- California Trap Catch Basin Replacement Phase 2 - \$400,000
- Upper Middlefork PS, Int and Forcemain - \$80M (Design-Build)
- 9 DRI Projects ranging from \$30,000 - \$650,000

SLIDE 2

Projects Scheduled to Advertise

Second Quarter 2024

- FPS Water Stop and Concrete Repair - \$800,000
- CCWQTC Maintenance Office Roof Replacement - \$240,000
- MFWQTC Odor Control Chemical Storage Building Roof Replacement - Phase 2- \$280,000
- WQTC Regional Lab Upgrades - \$785,000
- California Maple St Trap Catch Basin Rehab - \$2.5M
- Buechel Trunk Sewer Rehab - \$2.6M

SLIDE 3

Projects Scheduled to Advertise

Second Quarter 2024 (con't)

- West Triangle PS FM and Interceptor (BC) - \$7.8M
- Main Office HVAC Chillers - \$4.0M
- Leven Pump Station Elimination - \$1.0M
- CCWQTC South Electrical Service - \$665,000
- South Shelby St Sanitary Sewer Improvements – \$175,000
- CCWQTC Admin Building Expansion - \$6.8M

SLIDE 3

Projects Scheduled to Advertise

Second Quarter 2024 (con't)

- Ohio River Service Area Lift Station Rehabilitation (OC) - \$1.9M
- Lantana Drive Pump Station No 1 Elimination - \$3.2M
- MFWQTC DAFT Rehabilitation - \$9.5M
- CCWQTC UV Improvements - \$2.6M
- 12 DRI Projects ranging from \$30,000 – \$200,000

SLIDE 3

Projects Scheduled to Advertise

Third Quarter 2024

- Olde Copper Ct PS Elimination - \$266,000
- Kirby Lane Pump Station Elimination - \$744,000
- 15 DRI Projects ranging from \$30,000 - \$400,000
- 4 Floodwall and Levee projects ranging from \$100,000 – \$800,000

SLIDE 4

Projects Scheduled to Advertise

Fourth Quarter 2024

- Gunpowder PS Elimination - \$5.9M
- Upper Mill Creek FPS Transformer Replacement- \$3.4M
- Southfork Dry Bed Improvements- \$3.4M
- Fox Harbor 1 & 2 and Deep Trail Pump Station Eliminations – \$800,000
- FFWQTC Influent Pump VFDs - \$500,000
- Floodgate 33 Replacement – \$600,000

SLIDE 6

Projects Scheduled to Advertise

Fourth Quarter 2024 (con't)

- HCWQTC Sludge Screens - \$2.6M
- Fairmount Road Pump Station Force Main Extension - Phase 2 - \$6.6M
- OC Forcemain to HCWQTC - \$1.0M
- Kavanaugh Road PS Elimination (OC) – \$8.2M
- Flood Gate 114 Replacement - \$5.5M
- 6 DRI Projects ranging from \$30,000 - \$200,000

SLIDE 6

Projected Design Starts 2024

First and Second Quarters

- Cypress Springs PS Elimination
- Starkey FPS Electrical Service Improvements
- Sluice Gate Repair Program
- Floodgate 33
- Flood Gate 114 Replacement

SLIDE 6

Can You Dig IT 2024

Rene' Lindsay, Chief Procurement Officer

January 18, 2024



MSD 5-year historical spend with MBE/WBEs

- 5-year spend with Minority and Women Business Enterprises
– **\$142 million**



Acknowledgements

MSD extends our appreciation and gratitude to exhibitors and contractors:

- Louisville Water Company
- Louisville Metro Government
- Louisville Gas & Electric (PPL)
- Women's Business Enterprise National Council (WBENC)- ORV
- SBA
- One West
- Builders Exchange
- Stock Yards Bank
- Garney Companies, Inc.
- Pace Contracting, LLC
- Temple & Temple
- Thieneman Construction
- Ulliman Schutte Construction
- Walsh Construction Company

Equity in Contracting & Procurement Taskforce

Task Force Members

- Louisville Water Company
- Louisville Regional Airport Authority
- Louisville Metro Housing Authority
- Louisville Metro Government
- Louisville Metro Council
- Jefferson County Public Schools
- University of Louisville
- Kentucky Transportation Cabinet
- Transit Authority of River City
- Louisville Urban League
- One West
- Kentuckiana Works
- Greater Louisville Inc.



Program Updates

E-Procurement - All Bidding Activities

- Bonfire
 - MSD is transitioning bidding processes to an electronic platform
 - Implementation will be rolled out through a phased approach:
 - ✓ Construction Services
- Bonfire training will be provided
- Training dates and registration information will be available soon
- Anticipated transition date: **July 1, 2024**

Program Updates

MSD Code Of Conduct For Contractors, Consultants or Agents Policy

- Policy has been updated
- Policy can be found on MSD website (Doing Business with MSD)
- <https://louisvillemtd.org/doingbusiness>

Anticipated Construction Investment by Fiscal Year and Project Type

Projects		Investment					
Type	Number	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Total
Electrical	10	\$ 3,085,000	\$ 5,569,000	\$ 979,000	\$ 4,038,000	\$ 4,004,000	\$ 17,675,000
I&C	12	\$ 2,918,000	\$ 716,000	\$ 820,000	\$ 415,000	\$ 340,000	\$ 5,209,000
HVAC	2	\$ 643,000	\$ -	\$ -	\$ -	\$ -	\$ 643,000
Plumbing	5	\$ 246,000	\$ 250,000	\$ 375,000	\$ 350,000	\$ 582,000	\$ 1,803,000
Roof	10	\$ 1,844,000	\$ -	\$ -	\$ -	\$ -	\$ 1,844,000
Structural	18	\$ 12,428,000	\$ 10,431,000	\$ 6,337,000	\$ 2,315,000	\$ 12,426,000	\$ 43,937,000
Pump Station	22	\$ 41,992,000	\$ 52,906,000	\$ 66,198,000	\$ 84,218,000	\$ 80,693,000	\$ 326,007,000
Plant	52	\$ 89,058,000	\$ 111,899,000	\$ 197,479,000	\$ 138,452,000	\$ 50,162,000	\$ 587,050,000
Sewer	83	\$ 34,000,000	\$ 26,749,000	\$ 37,624,000	\$ 47,831,000	\$ 38,375,000	\$ 184,579,000
Clean and Inspect	5	\$ 1,571,000	\$ 1,125,000	\$ 1,125,000	\$ 1,050,000	\$ 1,744,000	\$ 6,615,000
Totals	231	\$ 189,043,000	\$ 209,763,000	\$ 311,274,000	\$ 279,195,000	\$ 188,548,000	\$ 1,177,820,000

Training Opportunities to Overcome Barriers

- MSD recognizes challenges and barriers contractors face when they begin the administrative process of working with MSD
- We are working to close this gap as we want companies to be successful in working with us
- MSD is working with a variety of businesses to provide bid training & guidance on how to:
 - Bid on work with MSD
 - What to expect once a contract is awarded
 - Completing pay applications
 - Change order process
- We would like to hear **your feedback** on other topics you would like to receive training

Bid Discounts

- Applicable to materials, commodities and services and construction, construction-related
- Procurements estimated \$40,000 - less \$500,000
- Discount applied during the price evaluations on bids submitted by eligible M/WBEs that bid as prime
- Eligible M/WBE bidders bid price shall be reduced by 10% for evaluation purposes only when bidding as a Prime
- Maximum discount shall not exceed \$50,000


Bid Discounts


Table 1. MBE/WBE Groups Eligible for Bid Discount

African Americans	Hispanic Americans	Asian Pacific Americans	Asian Indian Americans	Caucasian Females
Construction Services	Construction Services	Construction Services	Construction Services	Construction Services
Construction-related Services	Construction-related Services			Construction-related Services
*Materials, Commodities and Services				*Materials, Commodities and Services

MBE & WBE Subcontractor Participation

Table 2. MBE/WBE Subcontract Construction Goals (Ethnicity and Gender)			
Contract Value: \$200,000 (as determined by MSD)	African Americans	Asian Indian Americans	Caucasian Females
	18.0%	2.0%	15.0%

**20.0% MBE**

**15.0% WBE**

35.0% MBE/WBE construction subcontract goal

(3) *separate goals*, based on ethnicity & gender for eligible MBE/WBE subs

Supplier Diversity MBE/WBE Program Professional Services & Goods & Services

Professional Services Contracts

- Engineer's Estimate **\$100K** and greater
- 15% MBE Goal (aspirational participation goal)
- 6% WBE Goal (aspirational participation goal)

Goods & Services - Annual goals - 5% MBE & 3% WBE

- (Chemicals, Inventory Supplies, Custodial, Mowing, HVAC, Electrical, etc.)
 - Subcontracting is not required
- MSD seeks M/WBEs to bid as prime
- Award based on lowest price or highest evaluated bid
- Bid discount applicable

MBE and WBE Certification Recognition



HUMAN RELATIONS
COMMISSION



Desk Review & Site Visit



8(a) –
Certification
only



MSD does not accept DBE certification

<http://louisvillemsd.org/SupplierDiversity>



MINORITY & WOMEN BUSINESS
ENTERPRISE CERTIFICATION PROGRAM
Desk Review & Site Visit



Small Business Enterprise (SBE) Program

- Race- and gender-neutral initiatives for small local businesses.
 - Various projects ranging from \$40,000 - \$200,000
 - Expenditures to date \$1.9M
- SBE Program Eligibility Requirements
 - Significant Local Presence (MSD Service areas)
 - Minimum one year in business
 - Annual gross revenue shall not exceed an average of \$10M over three-year period
- SBE Program Informational Sessions – Virtual
 - 2nd Tuesday of each month
- <https://louisvillemsd.org/doingbusiness>

Contact MSD



<https://louisvillemSD.org/doingbusiness>

Procurement:

John Allen

Procurement Manager

Phone: 502.540.6243

Email: john.allen@louisvillemSD.org

Supplier Diversity:

Joy L. Walker

Supplier Diversity Manager

Phone: 502.540.6503

Email: joy.walker@louisvillemSD.org

Information Sessions “How to Do Business with MSD”

Held 4th Wednesday bi-monthly 9:00 – 10:30 a.m.

Register: John.allen@louisvillemSD.org



Louisville Water 2024 Capital Improvement Plan (CIP) and Upcoming Construction Project Overview

Can U Dig It 2024



2024 CIP Overview



\$121 MILLION
2024 CAPITAL IMPROVEMENT PLAN



\$57 MILLION
INFRASTRUCTURE RENEWAL



\$22 MILLION
NEW TECHNOLOGY AND FACILITIES

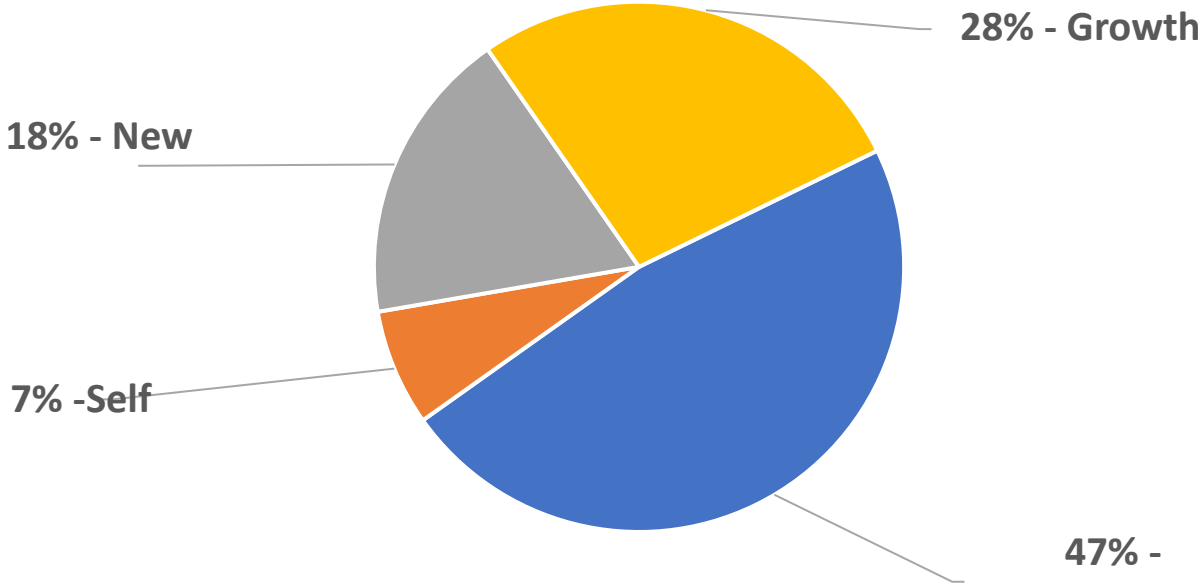


\$33 MILLION
GROWTH RELATED IMPROVEMENTS



\$8.5 MILLION
SELF FINANCING IMPROVEMENTS

2024 CIP Overview



2024 CIP Highlights

Infrastructure Renewal	2024 Budget (MM)	Total Budget (MM)
Main Replacement & Rehabilitation Program (MRRP)	\$21.3	N/A
Redundant Residuals Line (CHFP to BEP)	\$8.6	\$77.0
Kentucky Oak Glenmary 48" Transmission Main Rehab	\$5.3	\$11.5
CHPS - Discharge System Improvements	\$5.0	\$96.2
Railroad Crossing Rehab	\$4.3	\$4.6

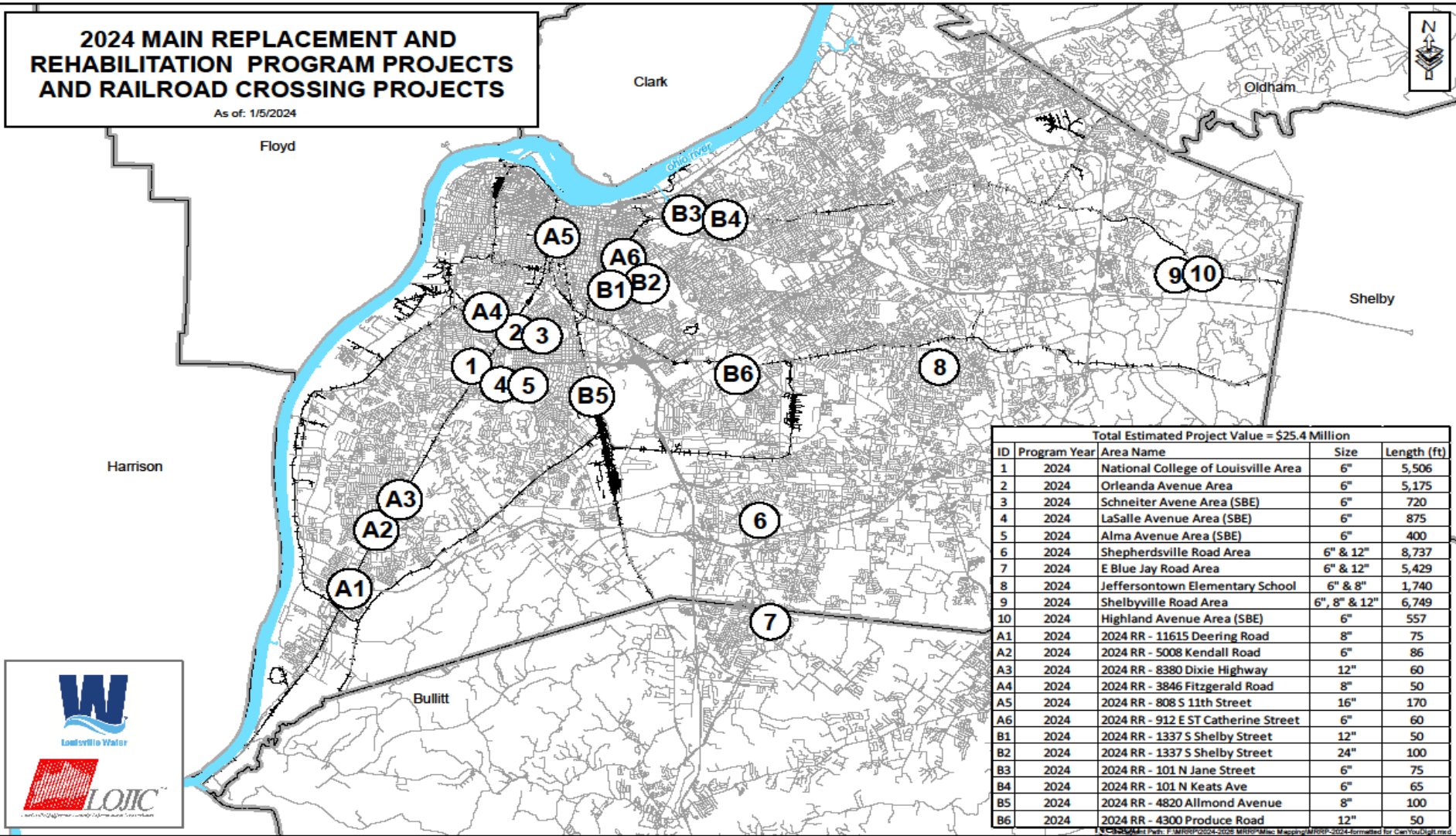
Main Replacement Engineering

- 6 - MRRP projects estimated at \$19.1 million*4 – SBE MRRP projects estimated at \$1.7 million total
- 2 - Railroad crossing rehabilitation packages estimated at \$4.6 million total
- Kentucky, Oak, Glenmary 48" Rehab (Phase 1) \$6.7 million
- 6 - Federally Funded Main Extensions estimated at \$4.7 million total



2024 MAIN REPLACEMENT AND REHABILITATION PROGRAM PROJECTS AND RAILROAD CROSSING PROJECTS

As of: 1/5/2024



Total Estimated Project Value = \$25.4 Million

ID	Program Year	Area Name	Size	Length (ft)
1	2024	National College of Louisville Area	6"	5,506
2	2024	Orleanda Avenue Area	6"	5,175
3	2024	Schneider Avenue Area (SBE)	6"	720
4	2024	LaSalle Avenue Area (SBE)	6"	875
5	2024	Alma Avenue Area (SBE)	6"	400
6	2024	Shepherdsville Road Area	6" & 12"	8,737
7	2024	E Blue Jay Road Area	6" & 12"	5,429
8	2024	Jeffersontown Elementary School	6" & 8"	1,740
9	2024	Shelbyville Road Area	6", 8" & 12"	6,749
10	2024	Highland Avenue Area (SBE)	6"	557
A1	2024	2024 RR - 11615 Deering Road	8"	75
A2	2024	2024 RR - 5008 Kendall Road	6"	86
A3	2024	2024 RR - 8380 Dixie Highway	12"	60
A4	2024	2024 RR - 3846 Fitzgerald Road	8"	50
A5	2024	2024 RR - 808 S 11th Street	16"	170
A6	2024	2024 RR - 912 E ST Catherine Street	6"	60
B1	2024	2024 RR - 1337 S Shelby Street	12"	50
B2	2024	2024 RR - 1337 S Shelby Street	24"	100
B3	2024	2024 RR - 101 N Jane Street	6"	75
B4	2024	2024 RR - 101 N Keats Ave	6"	65
B5	2024	2024 RR - 4820 Allmond Avenue	8"	100
B6	2024	2024 RR - 4300 Produce Road	12"	50



Process and Production Engineering

- ~ Crescent Hill Pump Station Discharge System Improvements - \$96.2 million
- ~ Redundant Residuals Line - \$77.0 million
- ~ 860-PZ Second Elevated Water Tank – \$12.5 Million
- ~ I-64 and Cedar Grove South Tank Recoating - \$1.8 million
- ~ 3 BPS Renovations - \$1.6 million total



2024 CIP Highlights

New Technology/Facilities	2024 Budget (MM)	Total Budget (MM)
AMI for Jefferson County	\$9.5	\$69.6
Westport Road Transfer Station – Standby Generator	\$1.6	\$5.0
Mitchel Hill/Keys Ferry Pump Station	\$1.3	\$2.5

2024 CIP Highlights

Growth-Related Improvements	2024 Budget (MM)	Total Budget (MM)
HCWD2 – 42” Salt River to Chapeze BPS	\$10.5	\$28.2
North Nelson – 20” Transmission Main	\$10.0	\$18.6
HCWD2 – 30” Clermont Tank to Belmont BPS	\$8.1	\$14.3
HCWD2 – Wilson Creek Tank	\$3.5	\$7.0
B.E. Payne Water Treatment Plant Upgrade	\$2.5	\$74.0

Growth-Related Improvements

- North Nelson Improvements - \$20 million of infrastructure to supply Nelson County/Bardstown
- Hardin County Water District #2 Improvements – \$50 million of infrastructure to supply BlueOval SK Battery Park, and other regional demands
- B.E. Payne Water Treatment Plant Upgrade- \$74 million plant renovation to set up for future expansion to support growth
- 860-PZ Second Elevated Water Tank – \$12.5 Million





Thank you!



Thank You for Attending Can You Dig it 2024

