

DETROIT CONSTRUCTION OUTREACH



Detroit Department of Public Works (DPW)

DETROIT CONSTRUCTION OUTREACH



2018 – 2021 Department of Public Works Construction Projects

2018

- Paving: 85 miles; \$44 million
- Sidewalks: 125,000 flags; \$26 million
- Bridges: Two projects; \$3 million
- Construction, Engineering, and Inspection: \$2 million

2019

- Paving: 70 miles; \$39 million
- Sidewalks: 100,000 flags; \$18 million
- Bridges: One project; \$1.5 million
- Construction, Engineering, and Inspection: \$2 million
- Place-based projects: \$20 million



2018 – 2021 Department of Public Works Construction Projects

2020

- Paving: 63 Miles; \$37 million
- Sidewalks: 80,000 flags; \$16 million
- Construction, Engineering, and Inspection: \$2 million
- Place-based projects: \$32 million

2021

- Paving: 50 Miles; \$24 million
- Sidewalks: 50,000 flags; \$10 million
- Construction, Engineering, and Inspection: \$2 million
- Place-based projects: \$17 million



No.	Contract	Description of Provided Services	Quantity of Work	Estimated Value of Contract	Bidding Agency/Month Contracts are Anticipated to be Bid	Anticipated Construction Bid Dates and Time to Complete Contracts
1	Paving of Class C Local Roads	Re-paving of residential roads which have a natural aggregate sub-base (no concrete); replacing all damaged sidewalk adjacent to roads being paved	8 Miles	\$ 4 million	City of Detroit, through the Procurement Office	Construction begins on or around April 15th. 90 Days to Complete all Required Work
2	Improve or Rehabilitate Bridges, including Bagley and W. Parkway Culvert	Provide as needed replacement of joint, sub-structure repairs, bridge approach work, reinforcement or replacement of concrete sub-structures and asphalt overlay	2 Separate Projects	\$ 3 million	City of Detroit, through the Procurement Office	
3	Asphalt Milling, as needed sidewalk and curb replacement work	Removal of 3 inches of old asphalt for residential roads being paved; as needed replacement of damaged sidewalk and curb adjacent to roads being paved	49.5 Miles	\$17 million	City of Detroit, February 2018	Construction to begin by May 1; 7 months to complete all work
4	Resurfacing of Major Roads	Remove existing asphalt, provide 3.5 inches total of new asphalt materials, perform necessary curb, sidewalk, and ADA ramp repairs or installation; maintain safe traffic control at all times	12.93 Miles	\$10 million	City of Detroit, February 2018	Construction to begin by May 1; 5 months to complete all work
	Sidewalk Replacements along Commercial Corridors					
5	Sidewalk Repairs and Replacement - Adjacent to Recently Demolished Properties	Replace sidewalk damaged through demolition process	16,000 Flags of Sidewalk	\$7 million	City of Detroit	April 1 through the end of year
6	Sidewalk Repair and Replacement - East Side	Replace damaged sidewalk	44,000 Flags	\$9.5 million	City of Detroit	April 1 through the end of year
7	Sidewalk Repair and Replacement - West Side	Replace damaged sidewalk	44,000 Flags	\$9.5 million	City of Detroit	April 1 through the end of year
	Michigan Department of Transportation					
8	Construction, Engineering, and Inspection Services	Provide construction management, materials testing and quality control for multiple major road and bridge construction projects	Inspect 14 miles of major road paving projects	\$2 million	City of Detroit	April 15 through end of construction
	2018 Federal Aid					
9	2018 Major Road Fed-Aid	Resurface major roads with work to include asphalt replacement, as needed sidewalk and curb repairs	14 Miles	\$13 million	MDOT	Construction to begin by June 1; 5 months to complete all work

No.	Contract	Description of Provided Services	Quantity of Work	Estimated Value of Contract	Bidding Agency/Month Contracts are Anticipated to be Bid	Anticipated Construction Bid Dates and Time to Complete Contracts
1	Safety Projects	1) Upgrade Sidewalks 2) Upgrade ADA ramps 3) Add bike lane 4) Install Reflective sheeting 5) Add Center Left Turn Lane 6) Upgrade/Improve the pavement markings at the signalized intersections 7) Upgrade Traffic Signals	15 Miles	\$2,000,000.00	MDOT/Feb or March	November
2	City-Wide Intersections Pavement Marking	Apply Pavement Markings for crosswalks, stop bars and arrow symbols & legends. Material choice of cold plastic tape, liquid ribbon thermoplastic, polyurea or modified urethane is based on road surface and traffic intensity and weight	281 Intersections	\$750,000.00	MDOT/May or June	September
3	City-Wide Lane Pavement Marking	Apply Pavement Markings: such as long lines for lane delineation of spray thermoplastic, arrow symbols & legends of cold plastic tape and waterborne paint, and center lane island cross-hatching of modified urethane	692 Lane Miles	\$650,000.00	MDOT/May or June	September
4	Traffic Signal Modernization along Corridor or Network	1. Upgrade traffic signal with box span design, as needed 2. Upgrade to latest Signal Controller 2. Upgrade Sidewalk ADA Ramps, as needed 3. Install Wireless Communication Devices to integrate with TMC 4. Install 360 Camera at select locations 5. Install DSRC at select corridor 6. Intersection Pavement Marking, if required 7. Remove old equipments	Approx. 10 to 20 locations	\$1,500,000.00	MDOT/Feb or March	May or June
5	Traffic Signal Modernization City-wide	1. Upgrade traffic signal with box span design, as needed 2. Upgrade to latest Signal Controller 2. Upgrade Sidewalk ADA Ramps, as needed 3. Install Wireless Communication Devices to integrate with TMC 4. Install 360 Camera at select locations 5. Install DSRC at select locations 6. Intersection Pavement Marking, if required 7. Remove old equipments	Approx. 20 locations	\$2,200,000.00	MDOT/April or May	July or August
6	Traffic Signal Maintenance of Non-ITS Signals	As needed basis maintenance of all non-ITS traffic signals 1. Contactor performs repair/maintain traffic signal equipments upon authorization by City 2. City performs timing changes, controller replacements and other malfunction related trouble calls	Varies	\$1,000,000.00	City of Detroit/March	July thru June
7	Traffic Signal Maintenance of ITS Signals and Traffic Management Center (TMC)	As needed basis maintenance of all ITS traffic signals and TMC hardware using Contractor 1. Repair/maintain traffic signal equipments 2. Maintain TMC components such as Video wall, Workstations, Software, Servers and etc. 3. Repair/maintain ITS equipments such as radios, CCTV, Rooftop switches	Varies	\$950,000.00	City of Detroit/July	October thru September
8	Electrical Design Service Contacts	Five consultant on board for following items: 1. Design traffic signals 2. Signal timing optimization 3. Other traffic study 4. Non-motorized design 5. Geometric designs	Five year contract	Unknown	City of Detroit/January	April thru April for five years

Detroit Water and Sewerage Department (DWSD)

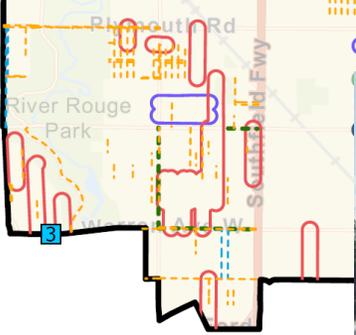
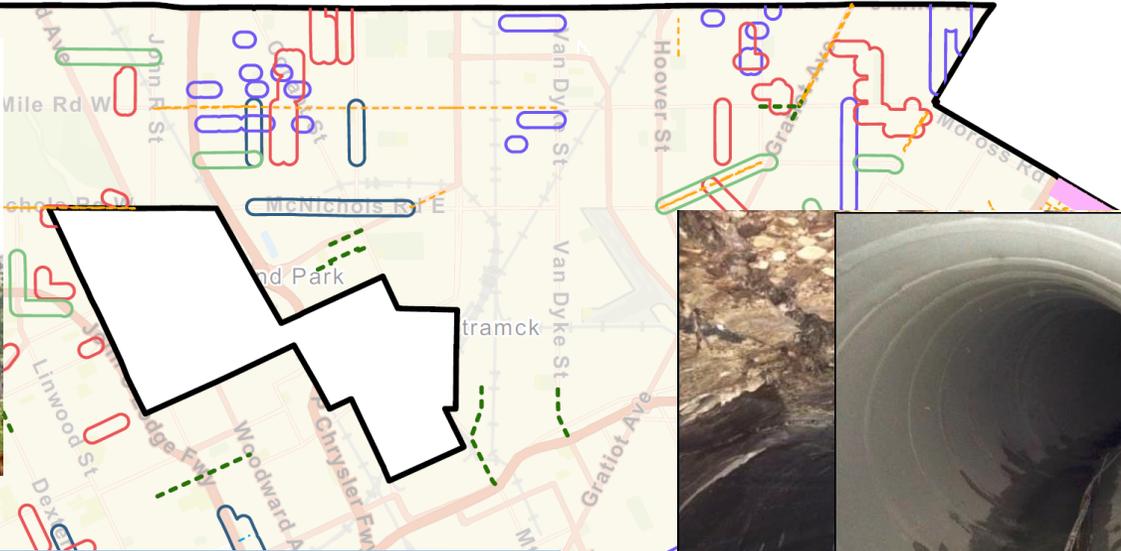
DETROIT CONSTRUCTION OUTREACH



DWSD Capital Improvement Program Overview

- **Project Types**
 - Water Main Rehabilitation/Replacement
 - Sewer Rehabilitation
 - Green Stormwater Infrastructure
- **Program Structure**
 - Condition Assessment/Evaluation
 - Planning and Design
 - Bidding and Construction
- **Program Investment**
 - FY2019 \$50 Million
 - FY2020 \$75 Million
 - FY2021 \$75 Million





Water and Sewer Condition Assessments/Evaluation

- Priority Watermains Evaluation
- DPW Streetscapes
- DPW 2018 Bond Fund Streets
- DPW 2018 Class C Streets
- DPW 2018 Residential Paving
- DPW 2018 Federal Aid Resurfacing List
- CS-1812 Cornerstone Village
- CS-1812 Rosedale Park



Planning Phase Projects

- 1 Minock Park Green Infrastructure
- 2 Rogell Green Infrastructure
- 3 West Warren Green Infrastructure

Design Projects

- Watermain Replacements
- ▲ Charles H. Wright Academy Green Infrastructure
- ▲ Oakman Green Infrastructure and Watermain Replacement
- ▲ Samuel Gompers Elementary-Middle School



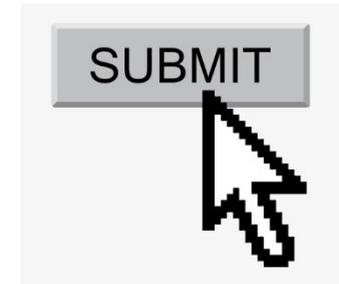
DWSD Workforce Development

- **Green Infrastructure Contractor Training**
 - Erb Family Foundation, Detroit Economic Growth Corporation, and Detroit Training Center
- **Water and Sewer Field Service Technician Program**
 - Curriculum for Adult and High School
 - Developing Launch Plan with Mayor's Office



DWSD Procurement

- DWSD uses the Michigan Inter-governmental Trade Network www.MITN.info
- Vendors must register on the site to bid on DWSD purchases and contract packages
- For more information on DWSD's Procurement Policy visit: <http://detroitmi.gov/How-Do-I/Do-Business-with-the-City/Detroit-Water-and-Sewerage-Contracts-and-Procurements>



Great Lakes Water Authority

DETROIT CONSTRUCTION OUTREACH



SECTION 3 LARGEST DOLLAR PROJECTS (GREATER THAN \$30M)

The water and wastewater projects with the largest projected spend for the FY2019-2023 CIP are listed below. These projects are budgeted for greater than \$30 Million over the FY2019-2023 time period. There are 11 projects in the Water category and eight projects in the Wastewater category.

3.1. Water

Table I-1. Water Projects with 2019-2023 CIP Total Greater than \$30M

CIP #	Project Title	Lifetime Actual Thru FY16	Actual FY17	Projected Expenditures									Useful Life >20	Cost Allocation
				FY18	FY19	FY20	FY21	FY22	FY23	FY24	2019-23 CIP Total	Project Total		
111001	LH WTP Low Lift Pumping, Filter Backwash Pumps & Flocculation Improvements	\$0	\$0	\$0	\$0	\$4,071	\$1,162	\$10,350	\$20,075	\$19,575	\$35,658	\$55,233	Yes	CTA
112003	NE WTP High-Lift Pumping Station Electrical Improvements	0	0	0	0	3,488	15,750	15,750	15,750	14,550	50,738	65,288	Yes	CTA
113003	SW WTP Low and High Lift Pumping & Rapid Mix Chamber BFVs, Sluice Gates, Flocculation & Filtration System Improvements	0	0	12	50	6,222	6,222	17,675	25,190	94,720	55,359	150,091	Yes	CTA
115001	WWP WTP Yard Piping, Valves and Venturi Meters Replacement	0	9	2,050	1,831	25,150	25,140	0	0	0	52,121	54,171	Yes	CTA
116002	Pennsylvania, Springwells and Northeast Raw Water Supply Tunnel Improvements	0	10	4,651	14,651	20,224	379	0	0	0	35,254	39,905	Yes	CTA
122003	Waterworks Park WTP to Northeast WTP Transmission Main	0	19	2,500	6,604	20,050	35,050	34,050	32,050	0	127,804	130,304	Yes	CTA
122004	96-inch Main Relocation, Isolation Valves Installations, and New Parallel Main	0	460	1,678	3,684	6,292	20,926	49,684	43,734	6,464	124,320	132,462	Yes	CTA
122013	14 Mile Transmission Main Loop	0	0	42	1,694	3,380	11,578	19,581	14,682	3,589	50,915	54,546	Yes	CTA
132010	West Service Center PS - Duval Rd Division Valve Upgrades	0	0	33	2,050	11,050	11,050	11,050	2,025	0	37,225	37,258	Yes	CTA
170100	Water Treatment Plant /Pump Station Allowance	3,009	3,768	9,935	9,956	10,000	10,000	10,000	10,000	0	49,956	59,891	Yes	CTA
170400	Water Transmission Improvement Program	120	955	40	9,910	9,910	9,910	9,910	9,910	0	49,550	49,590	Yes	CTA

Plan as of December 2017.

3.2. Wastewater

Table I-2. Wastewater Projects with 2019-2023 CIP Total Greater than \$30M

CIP #	Project Title	Lifetime Actual Thru FY16	Actual FY17	Projected Expenditures									Useful Life >20	Cost Allocation
				FY18	FY19	FY20	FY21	FY22	FY23	FY24	2019-23 CIP Total	Project Total		
211001	WRRF Rehabilitation of Primary Clarifiers Rectangular Tanks, Drain Lines, Electrical/Mechanical Building and Pipe Gallery	\$14	\$10,229	\$12,518	\$22,983	\$9,002	0	0	0	0	\$31,985	\$44,503	Yes	CTA
222001	Oakwood District Intercommunity Relief Sewer Modification at Oakwood District	0	0	0	600	13,200	12,700	11,500	0	0	38,000	38,000	Yes	CTA
232001	Fairview Pumping Station - Replace Four Sanitary Pumps	0	778	500	12,090	14,410	3,970	0	0	0	30,470	30,970	Yes	CTA
260100	WRRF, Lift Station and Wastewater Collection System Structures Allowance	2,024	12,734	5,428	10,920	12,010	10,920	13,100	12,000	0	58,950	64,378	Yes	CTA
260200	Sewer and Interceptor Evaluation and Rehabilitation Program	0	3,397	10,001	8,484	21,060	20,000	17,058	0	0	66,602	76,603	Yes	CTA
260300	Scheduled Replacement Program of Critical Assets	0	56	2,751	6,000	6,000	6,000	6,000	6,000	0	30,000	32,751	Yes	CTA
260500	CSO Outfall Rehabilitation	0	0	7,471	11,960	11,961	8,969	5,973	5,973	0	44,836	52,307	Yes	CTA
260600	CSO FACILITIES IMPROVEMENT PROGRAM	0	764	1,598	11,699	6,497	14,850	26,950	17,450	2,450	77,446	81,494	Yes	83/17

Plan as of December 2017.



SECTION 4 LARGEST 2019 PROJECTED SPEND (GREATER THAN \$8M)

The water and wastewater projects with the largest projected spend for 2019 are listed below. These projects are budgeted for greater than \$8 Million in FY 2019. There are five projects in the Water category and ten projects in the Wastewater category.

4.1. Water

Table I-3. Water Projects with 2019 Projected Spend Greater than \$8M

CIP #	Project Title	Lifetime Actual Thru FY16	Actual FY17	Projected Expenditures									Useful Life >20	Cost Allocation	
				FY18	FY19	FY20	FY21	FY22	FY23	FY24	2019-23 CIP Total	Project Total			
111006	LH WTP Replacement of Filter Instrumentation and Raw Water Flow Metering Improvements	\$1	\$252	\$549	\$10,428	\$10,414	\$4,582	0	0	0	0	\$25,424	\$25,973	Yes	CTA
115004	WWP WTP Chlorine System Upgrade	0	371	912	8,882	0	0	0	0	0	0	8,882	9,794	Yes	CTA
116002	Pennsylvania, Springwells and Northeast Raw Water Supply Tunnel Improvements	0	10	4,651	14,651	20,224	379	0	0	0	0	35,254	39,905	Yes	CTA
170100	Water Treatment Plant /Pump Station Allowance	3,009	3,768	9,935	9,956	10,000	10,000	10,000	10,000	0	0	49,956	59,891	Yes	CTA
170400	Water Transmission Improvement Program	120	955	40	9,910	9,910	9,910	9,910	9,910	0	0	49,550	49,590	Yes	CTA

4.2. Wastewater

Table I-4. Wastewater Projects with 2019 Projected Spend Greater than \$8M

CIP #	Project Title	Lifetime Actual Thru FY16	Actual FY17	Projected Expenditures									Useful Life >20	Cost Allocation	
				FY18	FY19	FY20	FY21	FY22	FY23	FY24	2019-23 CIP Total	Project Total			
211001	WRRF Rehabilitation of Primary Clarifiers Rectangular Tanks, Drain Lines, Electrical/Mechanical Building and Pipe Gallery	\$14	\$10,229	\$12,518	\$22,983	\$9,002	0	0	0	0	0	\$31,985	\$44,503	Yes	CTA
212006	WRRF Rouge River Outfall (RRO) Disinfection (Alternative)	912	5,961	20,493	18,139	1,798	0	0	0	0	0	19,937	40,430	Yes	CTA
213007	WRRF Modification to Incinerator Sludge Feed Systems at Complex -II	0	0	7,035	10,999	3,352	0	0	0	0	0	14,351	21,386	Yes	CTA

Plan as of December 2017.



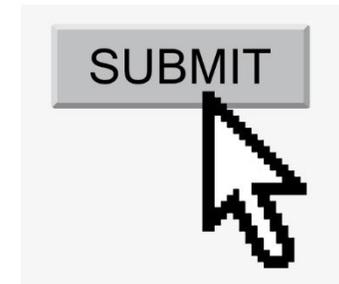
Sampling of GLWA Open Request for Proposals

- [GLWA-CS-257-RFP \(Employee Benefits Broker/Consultant\)](#)
- [GLWA-CON-215A RFB \(Low Lift Caisson Rehabilitation at the Northeast Water Treatment Plant\)](#)
- [GLWA-CON-222-RFB \(Rehabilitation of the Various Sampling Sites and Pump Station #2 \(PS#2\) Ferric Chloride System at Water Resource Recovery Facility\)](#)
- [GLWA-CON-260 RFB \(CSO Outfalls Rehabilitation – Phase 1\)](#)
- [GLWA-CS-201 RFP \(Job Order Contract for Construction, Environmental, Special Testing, Inspection, and Other Technical Services\)](#)
- [GLWA-CON-253 RFB \(Springwells Water Treatment Plant Reservoir Fill Line Improvements\)](#)
- [GLWA-CON-247-RFB \(GLWA Southwest Water Treatment Plant – Raw Water Sampling Modifications\)](#)
- [GLWA-CON-234 RFB \(Conner Creek Combined Sewer Overflow \(CSO\) Basin Emergency Rehabilitation\)](#)
- [GLWA-CON-251 \(Springwells Water Treatment Plant Replacement of 1958 Process Train Rapid Mix Units\)](#)
- [GLWA-CS-239-RFP \(Good Metering Practice Analysis & Support Services\)](#)
- [GLWA-CON-182 RFB \(Lake Huron Water Treatment Plant Backflow Preventer Replacement\)](#)
- [GLWA-CON-170-RFB \(Sludge Removal and Disposal Services at the Northeast, Southwest and Springwells Water Treatment Plants\)](#)



GLWA Procurement

- GLWA uses the Michigan Inter-governmental Trade Network www.MITN.info
- For more information on GLWA's Procurement Policy visit: <http://www.glwater.org/doing-business-with-glwa/>



Wayne County

DETROIT CONSTRUCTION OUTREACH



Who is Wayne County?

- Largest county in the state comprised of 43 communities
- Wayne County Department of Public Services manages 8 divisions including roads and engineering
- Wayne County Roads Division is responsible for the maintenance of approximately 1,440 county primary and local roadways and 462 miles of state trunk lines and freeways.
- Wayne County road funding comes from two sources- Act 51 dollars & Federal grants.



Wayne County Construction Projects *Detroit*

2017-2018

Currently underway

Route: West Outer Drive

Location: McNichols to Schaefer

Type of Work: Road Rehabilitation

Length: 2.83 miles

Estimated Cost: \$5,349,810.27



Wayne County Construction Projects

Detroit

2017- 2018

Currently underway

Route: Fenkell Rd

Location: Meyers to Wyoming

Type of Work: HMA Resurfacing

Length: 0.49 miles

Estimated Cost:\$988,391.15



Wayne County Construction Projects

Detroit

2018

Open for Bidding (Spring 2018)

Route: Chandler Park Drive

Location: Dickerson to Alter Rd.

Type of Work: HMA Resurfacing

Length: 1.0 mile

Estimated Cost: \$1.9M



Wayne County Construction Projects

Detroit

2018

Open for Bidding (Spring 2018)

Route: West Outer Drive

Location: Livernois to W. Seven Mile

Type of Work: HMA Resurfacing

Length: 3.5 miles

Estimated Cost:\$3.5M



Wayne County Construction Projects

Detroit

2019

Route: Greenfield (tentative)

Location: Chicago to Plymouth

Type of Work: HMA Resurfacing

Length: .5 miles

Estimated Cost: \$1M



Wayne County Construction Projects

Detroit

2019

Route: W. McNichols (tentative)

Location: Lahser to Telegraph

Type of Work: HMA Resurfacing

Length: 1.0 miles

Estimated Cost: \$1.9M



Wayne County Construction Projects

Detroit

2019

Route: E. McNichols (**tentative**)

Location: Oakland to Dequindre

Type of Work: HMA Resurfacing

Length: 0.6 miles

Estimated Cost: \$1M



Wayne County Construction Projects

Detroit

2019

Route: W. 7 Mile Rd (tentative)

Location: Wyoming to Outer Drive

Type of Work: HMA Resurfacing

Length: 0.75 miles

Estimated Cost: \$1.5M



Wayne County Construction Projects

Detroit

2019

Route: Tireman (**tentative**)

Location: Schaefer to Greenfield

Type of Work: HMA Resurfacing

Length: 1.0 miles

Estimated Cost: \$1.5M



Wayne County Compliance

- To begin registration, create an account in the **Procure to Pay** system.
- **www.waynecounty.com > Type in Procure to Pay> Procure to Pay registration to create account.**
- Creating your account is a 2 step process. You must finalize registration by responding to the email sent by Procure to Pay.
- Once registration is successfully completed, you will be sent an application link for all requested certifications to your registered email.
- If you do not receive the requested certification application within 24 hours please contact Human Relations.
- **For bid** Opportunities, register your business at www.bidnetdirect.com/mitn**
- **(** All Wayne County bids are currently offered through BidNet**)**



Wayne County Compliance

If you were previously registered in the Vendor Management System you must register through an invitation email that is sent directly to the contact we have on file. See Example Below:

Please call us if you were previously registered and have not received this invitation email.



Supplier Invitation for Wayne County

Dear Human Relations,

Wayne County has invited you to register as a potential supplier. Our supplier network is a best-in-class Supplier Registration and eProcurement system that provides a one-stop, complete solution for buyer and supplier interaction.

Becoming a Wayne County network supplier is free, easy and it only takes a few minutes to join. By selecting the the "Register Now" button below, you will be routed to a secure website to complete the registration process. Upon successful completion of your registration, you will have access to your secure portal where you can add additional details about your organization, invite colleagues to become users in your site, and more.

[Register Now](#)

Human Relations Division, 500 Griswold, 6th Floor South, Detroit, MI 48226, (313) 224-5021

Email: humanrelations@waynecounty.com

DETROIT CONSTRUCTION OUTREACH



Wayne County Solicitations

- **BidNet (MITN)**
 - <https://www.bidnetdirect.com/mitn>
 - Searching solicitations is free
 - Optional subscription will push email alerts of the solicitations
- **Wayne County Sourcing Director**
 - Register with Wayne County through **Procure2Pay**
 - <https://solutions.sciquest.com/apps/Router/SupplierLogin?CustOrg=WayneCounty>
 - Solicitations pushed to registered suppliers by commodity code



2018 Wayne County Construction Projects

ROUTE	LOCATION	TYPE OF WORK	LENGTH (miles)	ESTIMATED COST	CONSTRUCTION YEAR
Outer Drive	McNichols to Schaefer - DETROIT	CITY- HMA Resurfacing	2.83	\$5,349,810.27	2017/2018
Middle Belt Rd	Goddard to Wick	CITY- HMA Resurfacing	0.92	\$1,436,911.05	2018
Fenkell Rd	Meyers to Wyoming - DETROIT	CITY- HMA Resurfacing	0.49	\$988,391.15	2017/2018
Inkster Rd	Six Mile to Seven Mile	CITY- HMA Resurfacing	0.95	\$1,700,000	2018
Pelham Rd	Goddard to Wick	CITY- HMA Resurfacing	0.83	\$1,800,000	2018
Greenfield Rd	Michigan Ave to Ford	CITY- HMA Resurfacing	0.81	\$2,000,000	2018
Haggerty Rd	Tyler to Ecorse	CITY- HMA Resurfacing	0.92	\$150,000	2018
W. Outer Dr	Allen to Toledo	CITY- HMA Resurfacing	0.78	\$1,800,000	2018
Wyoming Rd	Ford Rd to CSX Railroad	CITY- HMA Resurfacing	0.47	\$910,000	2018
Wayne Rd	Michigan Ave to Glenwood	CITY- HMA Resurfacing	0.44	\$800,000	2018
Warren Rd	Beck- Canton Center	CITY- HMA Resurfacing	0.95	\$1,700,000	2018
Savage Rd	Harris to Gentz	CITY- HMA Resurfacing	1.41	\$500,000	2018
Eureka	Allen to 5 TH	Interconnection of Traffic Signals	na	\$170,000	2018
Haggerty Rd	1800' S./Six Mi to 690' S. of Six Mi.	Conc Pavement Reconstruction	0.21	\$400,000	2018
W. Outer Drive	Livernois to W. Seven Mile - DETROIT	CITY- HMA Resurfacing	3.50	\$3,500,000	2018
Toledo Bridges	Over Allen Rd and Pennsylvania Rd.	Bridge Rehabilitation	na	\$5,500,000	2018
Rotunda Dr	E. Rouge River to Commerce	CITY- HMA Resurfacing	0.99	\$2,000,000	2018
Van Horn Rd	Arsenal to Telegraph	CITY- HMA Resurfacing/Culv Replacement	0.73	\$1,200,000	2018
Cherry Hill	W. of Ridge to Pathway	Pedestrian Bridge/ Pathway	na	\$340,000	2018
Joy Rd	Westwood Ave to Faust - DETROIT	Green Stormwater Infrastructure Innovative Landscaping/Drainage Construction	na	\$620,000	2018
Sibley Rd	Telegraph to Racho	Conc Pavt Recon & Culv Replacement	1.03	\$3,900,000	2018
Sheldon/Goldsmith	Intersection	Traf Signal Improvement	na	\$200,000	2018
Outer Drive/Allen	Intersection	Traf Signal Improvement	na	\$300,000	2018
Van Horn Rd	Inkster to Arsenal	CITY- HMA Resurfacing/Culv Replacement	0.71	\$140,000	2018
Grosse Ile Bridge	Bridge Limits	Foundation Repair	na	\$1,000,000	2018
Baseline Rd	Newburgh to Farmington	Conc Patching	na	\$900,000	2018
Ridge Rd	N. of Ford to Warren	HMA Paving of Ex. Gravel Rd & Culv Repl.	1.00	\$350,000	2018
Chandler	Dickerson to Atter - DETROIT	CITY- HMA Resurfacing	1.00	\$1,900,000	2018
			TOTAL	\$41,555,112.47	

DETROIT CONSTRUCTION OUTREACH



2019-2020 Wayne County Construction Projects

ROUTE	LOCATION	TYPE OF WORK	LENGTH (miles)	ESTIMATED COST	CONSTRUCTION YEAR
Greenfield	Rotunda Dr to Michigan Ave (US-12)	Road Rehabilitation (HMA Resurfacing)	0.82	\$1,574,638	2019
Eureka (EB)	Toledo to Fort (M-85)	Road Rehabilitation (HMA Resurfacing)	1.57	\$2,651,092	2019
Inkster	Five Mile to Six Mile	Road Rehabilitation (HMA Resurfacing)	1.01	\$1,724,713	2019
E N Hines Dr	Outer Dr to Ford (M-153) Ramp	Road Rehabilitation (HMA Resurfacing)	1.15	\$1,520,415	2019
Merriman	Ecorse to Van Born Rd.	Road Rehabilitation (HMA Resurfacing)	1.01	\$1,517,425	2019
Pennsylvania Rd	0.17 E. of Fort - R.R. W. of Jefferson	Road Rehabilitation (HMA Resurfacing)	0.99	\$1,288,767	2019
Jefferson, W	North Dr. to Outer Dr	Road Rehabilitation (HMA Resurfacing)	1.01	\$2,562,938	2019
Preventive Maintenance	County-wide (TO BE DETERMINED)	Concrete full depth repairs	TBD	\$1,281,676	2019
Bridge Rehab	County-wide (TO BE DETERMINED)	TBD	TBD	\$2,443,494	2019
Tireman	Greenfield to Schaefer	Road Rehabilitation (HMA Resurfacing)	1.00	\$1,250,000	2019
Cherry Hill	Canton Center to Haggerty	New const Widening TEDF	1.84	\$5,016,854	2019
Rural Project	TBD	TBD	TBD	\$350,000	2019
W. McNichols (tentative)	Lahser to Telegraph	Road Rehabilitation (HMA Resurfacing)	1.00	\$1,900,000	2019
E. McNichols (tentative)	Oakland to Dequindre	Road Rehabilitation (HMA Resurfacing)	0.60	\$1,000,000	2019
W. Seven Mile Rd (tentative)	Wyoming to Outer Drive	Road Rehabilitation (HMA Resurfacing)	0.75	\$1,000,000	2019
Greenfield Rd (tentative)	Chicago to Plymouth	Road Rehabilitation (HMA Resurfacing)	0.50	\$700,000	2019
Tireman (tentative)	Schaefer to Greenfield	Road Rehabilitation (HMA Resurfacing)	1.00	\$1,500,000	2019
Grosse Ile Bridge	Contract 2	Superstructure repair and micropiles	Brdg	\$14,000,000	2019
TOTAL				\$43,282,012	
Outer Dr, W	Michigan Ave. - Golfview Dr.	Road Rehabilitation (HMA Resurfacing)	1.25	\$2,686,347	2020
Merriman	Plymouth - Schoolcraft	Road Rehabilitation (HMA Resurfacing)	0.96	\$1,374,000	2020
Middle Belt Rd	Michigan Ave. to Avondale	Road Rehabilitation (HMA Resurfacing)	1.01	\$1,899,800	2020
Allen Rd	West Rd. to King Rd.	Road Rehabilitation (HMA Resurfacing)	1.00	\$1,682,163	2020
Lake Shore	Warner - 250 ft N. of Moross / Lake Shore Turn	Road Rehabilitation (HMA Resurfacing)	1.30	\$2,205,433	2020
Merriman	James Ave. - Hawthorn Dr.	Road Rehabilitation (HMA Resurfacing)	0.40	\$941,137	2020
Oakwood BLVD	Robert Ave. to I-94	Road Rehabilitation (HMA Resurfacing)	0.22	\$588,647	2020
Preventive Maintenance	County-wide	TBD	TBD	\$855,223	2020
Bridge Rehab	County-wide	TBD	TBD	\$2,316,363	2020
Will Carlton	Clark - east of Clark (length TBD)	Road Rehabilitation (HMA Resurfacing)	TBD	\$750,000	2020
TOTAL				\$15,299,113	



Wayne County Construction Projects

2017-2018 TOTAL FOR DETROIT PROJECTS:

\$11,638,201.42

2018 Total County-Wide Projects:

\$41,555,112.47

2019-2020 TOTAL COUNTY-WIDE PROJECTS:

\$58,581,125.00



Wayne County's Strategic Plan

- **Wayne County has issued an RFP to hire a consultant to develop a strategic 10 year plan for tackling Wayne County roads and bridges.**
- **This will allow Wayne County to maximize current and potential funding for improving Wayne County infrastructure.**
- **Bids will close Wednesday, March 7th.**

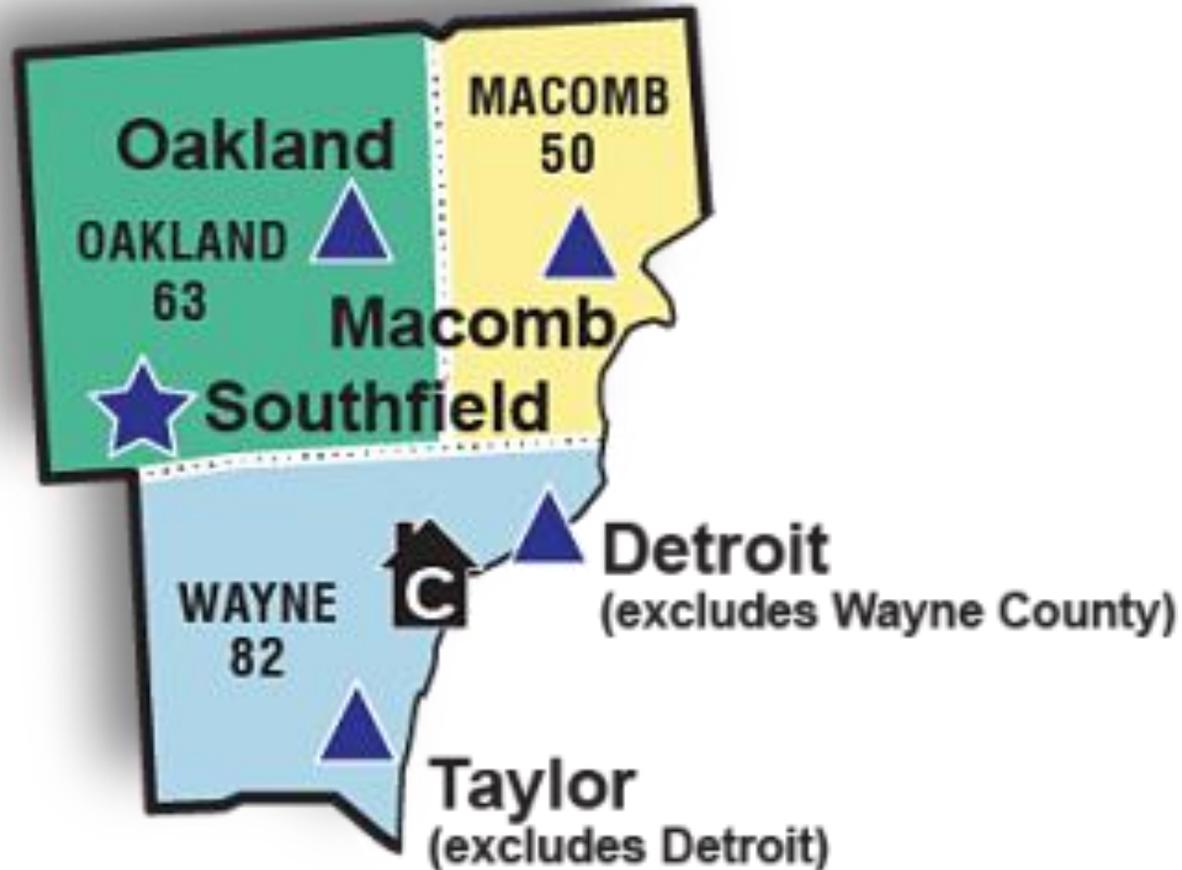


Michigan Department of Transportation (MDOT)

DETROIT CONSTRUCTION OUTREACH



MDOT's Metro Region



- **4 Transportation Service Centers**
 - Detroit
 - Taylor
 - Oakland
 - Macomb
- **Design, Construction, Operation & Maintenance of the State Trunkline System:**
 - Interstates
 - US Routes
 - M Routes

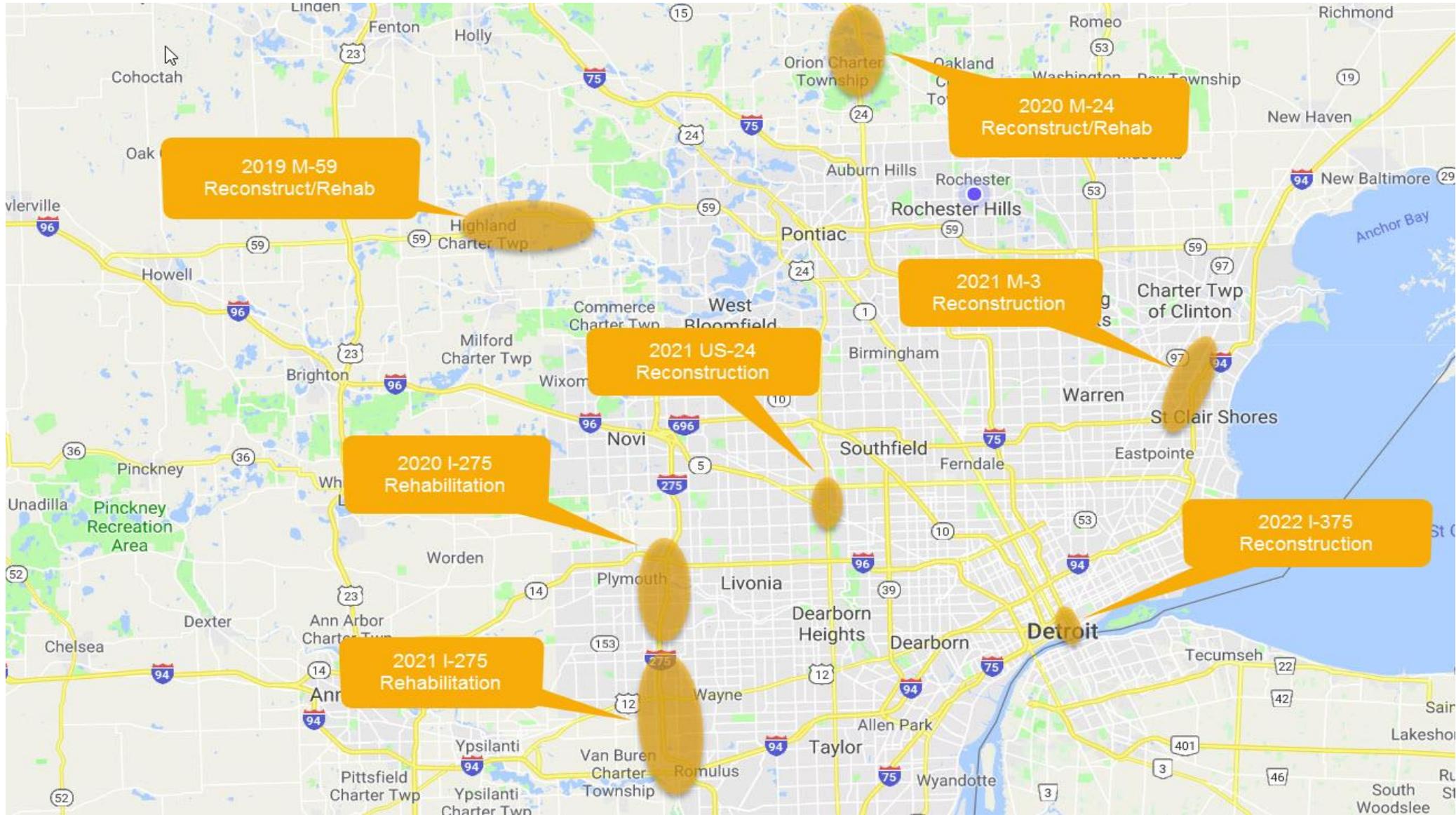


MDOT Program Summary

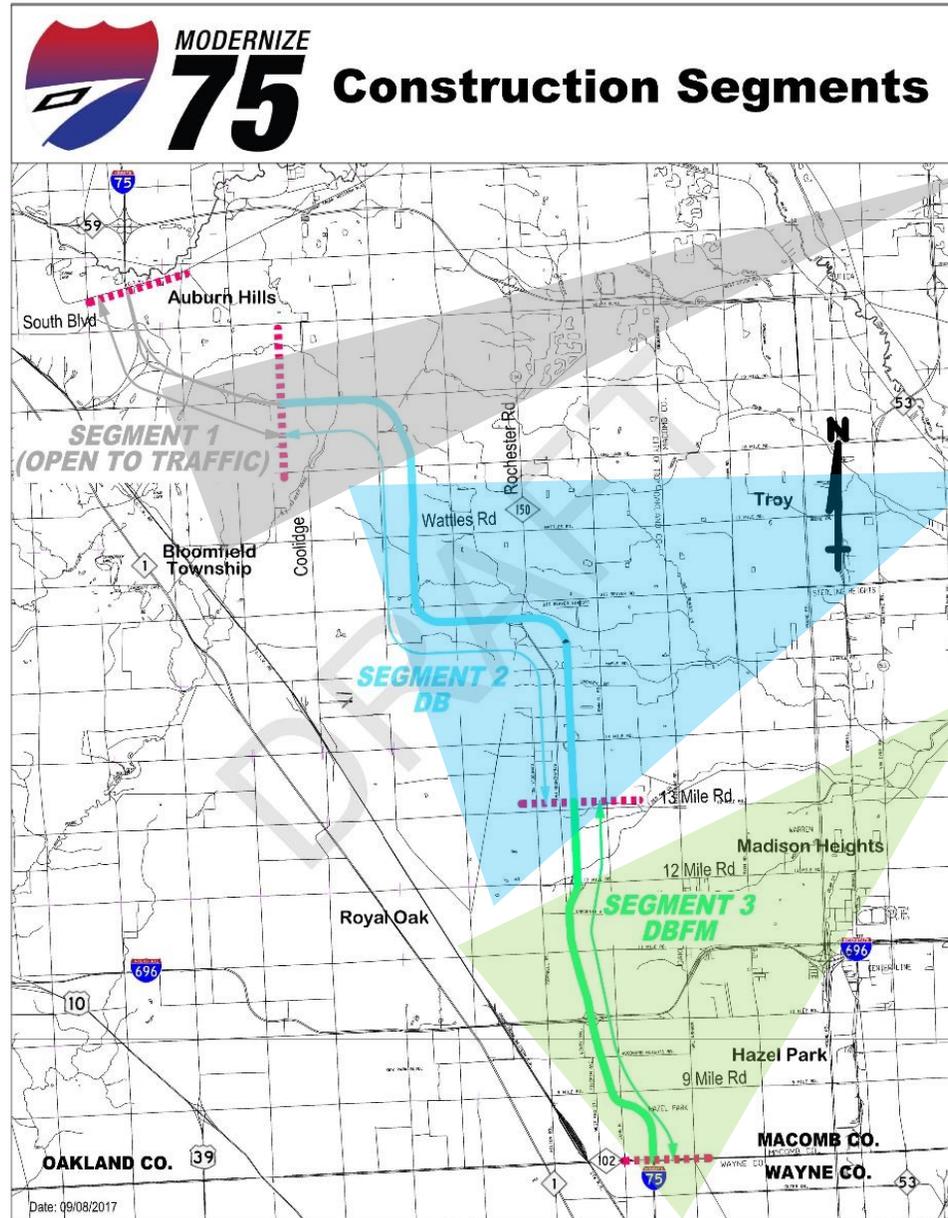
Program Category	Annual Average	2018-21 Four Year Total
Repair & Rebuild Roads		
Reconstruct	\$285,500,000	\$1,142,000,000
Rehabilitate	\$57,864,250	\$231,457,000
Resurface & Capital Preventive Maintenance	\$25,500,000	\$102,000,000
Pump Stations & Remote Monitoring Systems	\$4,081,500	\$16,326,000
Intelligent Transportation Systems	\$6,151,750	\$24,607,000
Place-Based Improvements (Detroit Riverfront)	\$1,827,250	\$7,309,000
Traffic Signals, Markings, Signs, etc.	\$12,363,759	\$49,455,036
Miscellaneous	\$925,250	\$3,701,000
Repair & Rebuild Bridges		
Replace	\$71,189,500	\$284,758,000
Rehabilitate	\$6,201,500	\$24,806,000
Deck/Capital Preventive Maintenance	\$7,610,500	\$30,442,000
Miscellaneous	\$1,834,000	\$7,336,000
Total	\$481,049,259	\$1,924,197,036



A Few MDOT Project Highlights

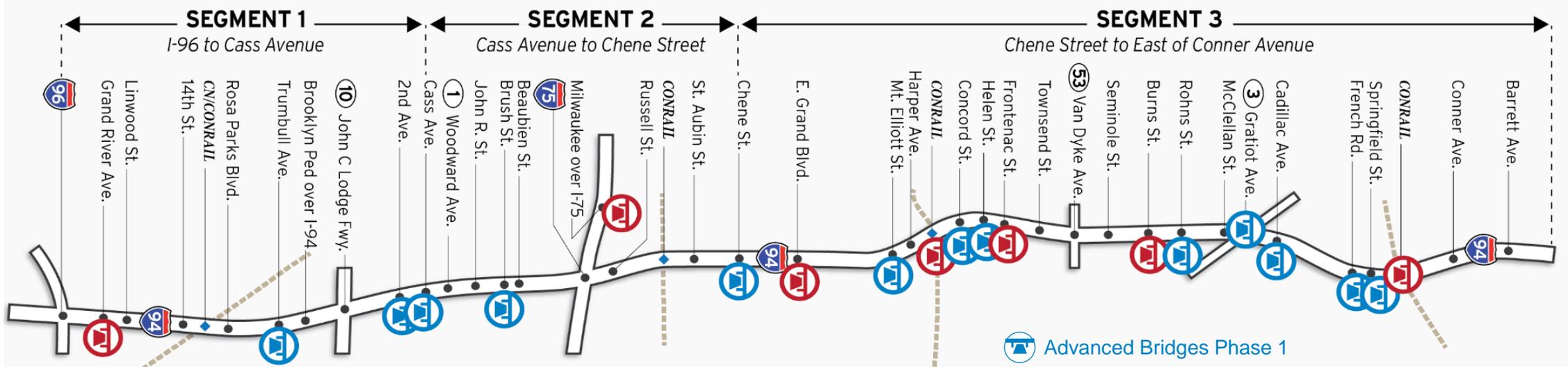


- Eight Mile Road (M-102) to Square Lake/M-59
- Modernization of 1960's era Interstate Freeway
- Poor condition, safety & congestion
- Rebuild freeway, bridges, drainage, adds HOV lane
- 170,000 vehicles/day
- \$1.5 B investment



- **Segment 1: Design-Build**
 - 3 miles of suburban fwy
 - Square Lake interchange
 - Opened September, 2017
- **Segment 2: Design-Build**
 - 8.5 miles of suburban fwy with open drainage
- **Segment 3: Design-Build-Finance-Maintain (DBFM)**
 - 5.5 miles, mostly urban fwy + 4 mile drainage tunnel
 - 30-year Contract Term with major asset life-cycle maintenance





Advanced Bridges Phase 1 - Bridge Packages		
PKG	WORK	CONST. YEAR
1	Chene St. over I-94	2018
	Gratiot Ave. over I-94	2018
	Helen St. over I-94 (removal only)	2018
	Rohns St. over I-94 (removal only)	2018
	Springfield (removal only)	2018
2	Mt. Elliott St. over I-94	2019
	Concord Ave. over I-94	2018
	French Rd. over I-94	2018
3	Second Ave. over I-94	2019
	Brush St. over I-94	2019
4	Cass Ave. over I-94	2020
	Third Ave. over I-94 (removal only)	2020

Advanced Bridges Phase 1 - Unbundled Small Business Packages		
WORK	EST. COST	CONST. YEAR
Landscaping/Gratiot	\$75,000	2018
Turf Establishment/Chene and Gratiot	\$68,000	2018
Sidewalks-Driveways/Chene and Gratiot	\$161,000	2018
Contracts TBD		2019
Contracts TBD		2019
Contracts TBD		2020



Bidding MDOT Contracts

➔ www.michigan.gov/mdot

News and Information

Projects and Programs

Maps

Reports, Publications and Specs

About MDOT

Doing Business

Forms

Bridge Operations

Contractor Services

Disadvantaged Business Enterprise

Innovative Contracting

Prequalification

Bid Letting

Payments & Awards

Vendor/Consultant Services

Questions? [Contact Contract Services Division](#)

Note: The state of Michigan will begin upgrading its financial and business systems starting June 30. The new SIGMA Vendor Self-Service (VSS) system will replace Contract & Payment Express (C&PE) and Buy4Michigan. SIGMA VSS will improve how we work with vendors, payees, and grantees. Visit www.michigan.gov/SIGMAVSS for important dates and transition information, including actions you may need to take.

Disadvantaged Business Enterprise

Information and the necessary forms to become certified as a Disadvantaged Business Enterprise.

Prequalification

Information and the necessary forms required to become prequalified to perform construction work for MDOT.

Innovative Contracting

Information on upcoming and current design/build projects.

Bid Letting

Information on bid lettings (current and past), project advertisements, eligible bidders and plan holders list, ordering plans and proposals, establishing electronic bidding, and obtaining the necessary forms required for bidding.

Contractor links

- [Design Services](#)
- [E-Mail Alerts - Construction](#)
- [FieldManager](#)
- [LTAP](#)
- [Manuals & Guides](#)
- [Staking Request Form](#) 📄
- [Work Zone Safety & Mobility](#)



MDOT & Workforce Development

- **Partnership for Diversity & Opportunity in Transportation**
 - Access for All
 - State Collaboration with City of Detroit/Randolph CTE
 - www.MIRoad2Work.org
 - www.MichiganConstruction.com
- **On-the-Job Training Voluntary Incentive Program (OJT-VIP)**
- **38th Disadvantaged Business Enterprise (DBE) Small Business Conference**
 - March 25-27, 2018
 - Doubletree Hotel & Conference Center, Dearborn/Detroit
 - www.michigan.gov/mdotdbe



MDOT Key Contacts

Project & Program Information:

Tony Kratofil, PE
Metro Region Engineer
kratofil@michigan.gov
(248) 483-5103

Prequalification/Bidding Questions:

MDOT Contract Services Division
(517) 373-4680

DBE Certification/Technical Assistance:

MDOT Office of Business Development
mdot-dbe@michigan.gov
www.michigan.gov/mdotdbe
(313) 965-2350 – Detroit Office



Mayor's Office of Workforce Development

DETROIT CONSTRUCTION OUTREACH



Significant Contract Opportunities in Detroit

**Billions in public and private
construction projects in the next
few years**

**Are you going to have the
talented workforce you need?**



Detroit at Work



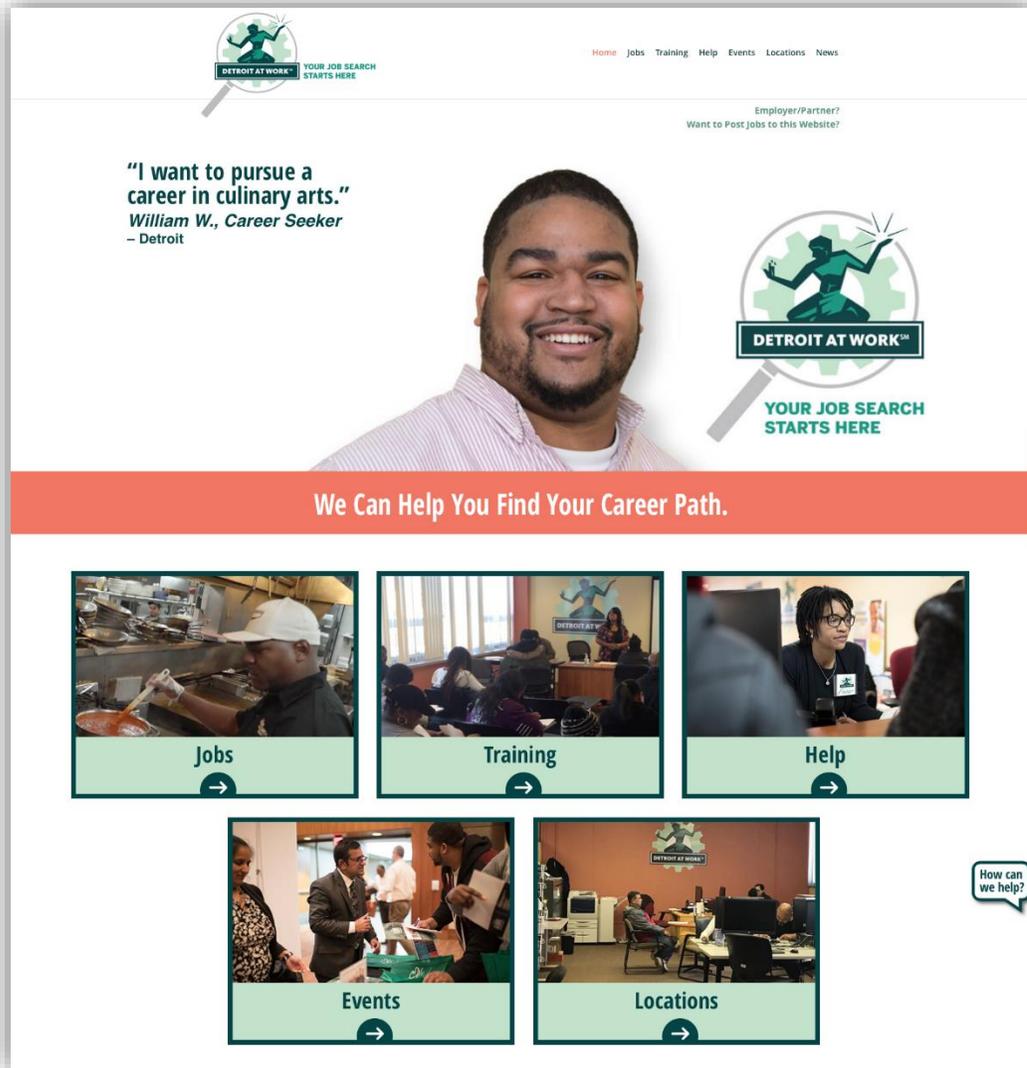
Direct Outreach
to Jobseekers

Customized
Training
Programs

Talent Pipeline



Marketing & Outreach



Common brand and platform to connect employers and jobseekers

Detroit at Work:
A Clear Path to Employment

www.DetroitatWork.com



Direct Outreach to Jobseekers

- **Opportunity Fairs**
 - Held every other week in different neighborhoods
 - Include employers, training partners, supportive service agencies
- **On- and Off-site Recruiting Events**



EDUCATION AND TRAINING FAIR

Are you interested in getting trained for a new career with better pay?

Come join Detroit at Work to learn about and enroll in our training and certification programs, and meet directly with employers that hire our training graduates.

If you would like to work in industries that include:

- Construction/Skilled Trades
- Cosmetology
- Green Infrastructure/Landscaping
- Health Care
- Information Technology
- Retail/ Hospitality
- Transportation/Logistics

This opportunity is for YOU!

Tuesday, February 6, 2018
Northwest Career Center
15100 Meyers Rd, Detroit, MI 48235
9 am - 1 pm

Register to attend this event by visiting DetroitAtWork.com or call 313-962-WORK.

WORKS! Proud partner of the American Job Center network.
An equal opportunity employment program. Supported by the State of Michigan.
Some restrictions apply. Available only to eligible individuals who meet the requirements with qualifications. 1-800-235-WORK, TTY: 711



Customized Training Programs

Employer Designed

- Industry-recognized certifications
- Job-specific training programs



Jobseekers

- Job readiness and support services
- Basic skills (reading and math remediation)
- Tools and Required Clothing

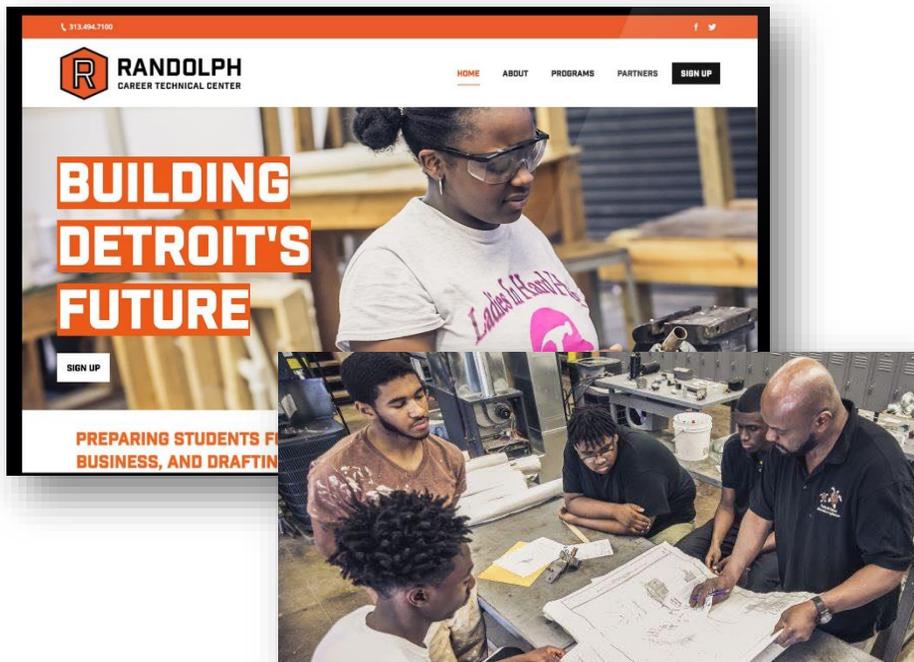


Building the Pipeline: Career Technical Education

Why CTE?

1. CTE centers had historically been an important feeder of Detroit's talent pipeline
2. Opportunity to increase the number of both youth and adults entering the workforce

- Partnership with City and Detroit Public School
- Modernize CTE facilities, equipment, and curriculum
- Employer and union partnerships
- Add adult training in evenings and weekends
- Align CTE programming with five growth industries:
 - Construction & Skilled Trades
 - Retail, Hospitality & Entertainment
 - IT
 - Manufacturing
 - Healthcare



Randolph Career Tech Center



80

HS Students
2016



610

HS Students and Adults
2017/2018

Prior State

- No Electrical program
- Limited funding improvements
- No adult training
- No building improvements
- Limited employer engagement

Current State

- ✓ Re-launched electrical program with IBEW
- ✓ \$10M raised for 3-5 years of support
- ✓ Adult training underway
- ✓ Significant building improvements
- ✓ Industry liaisons for every course



Carpentry



Masonry



Plumbing &
Pipefitting



Electrical



Heating, Cooling
& A/C (HVAC)



Computer Aided
Design



Heavy Equipment
Simulation



Marketing /
Entrepreneurship



Construction and Skilled Trades Training for Detroiters

DETROIT CONSTRUCTION OUTREACH



Randolph Phase II: 2017/2018



- **Adult programs**
 - 250 training slots between now and June
 - Remaining training slots in summer and fall
- **Building Renovations (June 2018):** White box remaining classroom space, remaining (minor) facility upgrades
- **Additional Programs (Sept 2018):**
 - Welding/Joining
 - Robotics



Selected Construction & Skilled Trades Training Programs

Randolph Career and Technical Center				East Side	
Program Name / Provider	Construction Basic Skills Southwest Economic Solutions & DTIT	Access for All	Detroit Training Center	YouthBuild Southwest Economic Solutions, HRDI, SEMCA, DESC	Bridge to Construction Reading Works, Southwest Economic Solutions, Dominican Literacy
Program Overview	Contextualized basic skills enhancements and choice of 1 of 4 tracks: Plumbing, HVAC, Electrical or Construction	Introduction to skilled trades, work readiness training and basic skills enhancements	Offering three programs: CDL-A, Heavy Equipment Operator, Residential Renovation Lead Specialist Training	Intensive 6-month full-time program that combines GED preparation with hands-on construction skills training	Contextualized basic skills enhancements with entry level work readiness credentials
Age / Education / Grade level	18 up / HSD or GED not required / 6 th Grade	18 up / HSD or GED / Level 4 Work Keys	18 up / HSD or GED / 6 th to 9 th Grade	18-24 / No HSD or GED / 8 th Grade	18 up / HSD or GED not required / 6 th Grade
Program Length	5pm-8pm T-F 8am -4pm Sat 11 weeks	4:30pm-7:30pm T-F 8am -4pm Sat 13 weeks	4:30pm-7:30pm T-F 8am -4pm Sat	8:30am -3:30pm M-F 26 weeks	9am-1pm M-F 8 weeks
Credentials	Basic: GED, EFL Gain Accelerated: Work Keys, MIOSHA, First Aid CPR, Universal Refrigerants EPA, EPA Lead Renovators	OSHA 30 First Aid/CPR Lead/Asbestos/Silica Awareness North America's Building Trades Certification (MC3)	CDL-A, EPA Lead Renovators Certification, Heavy Equipment (Forklift Operator, Skid Steer Operator, Asbestos Abatement Contractor)	MIOSHA 10 First Aid/CPR North America's Building Trades Certification (MC3)	Work Keys, Customer Service, MIOSHA, First Aid CPR
Goal for Program Placement	Enter careers in the skilled trades and/or construction-related fields	Advance to skilled trades apprenticeship training and/or employment	Enter careers in construction-related fields	Earn GED and enter apprenticeship, post-secondary and/or employment	Enter Access for All, other training programs or employment
Class Start Dates	Cohort 1- February 6 Cohort 2 - March 19	Cohort 1- January 20 Cohort 2 – June	Cohort 1- March 27 Cohort 2 – April 10	Cohort 1- April 4	Cohort 2- January 22

Note: DESC also connects One-Stop job seekers to four Preferred Training Providers that provide training in skilled trades and/or construction

Partner with us

Share your hiring or training needs

Contact: Omar Hasan, OHasan@detempsol.org



Post a Job

- Visit DetroitatWork.com
- Click on ‘Want to Post Jobs to this Website?’
- Create an account at Pure Michigan Talent Connect
- Post your job(s)



Q&A

DETROIT CONSTRUCTION OUTREACH



Thank you!

DETROIT CONSTRUCTION OUTREACH

