

Public Service Department

Jacolyn Thiel, PE May 2, 2019



Public Service Department

- Operate out of the Public Service Center, 4100 Roberts Road
- 48 Full Time Employees
 - Public Works Division
 - Engineering Division



Public Works Division

\$4.3M Annual Budget

- Street Maintenance
- Sewer Maintenance
- Manage solid waste contracts
- Fleet Section
 - Provide maintenance to all city vehicles and equipment
 - Provide shared services for City of Grandview Heights, Norwich Township Fire, and Franklin Township



Public Works Division

Services include:

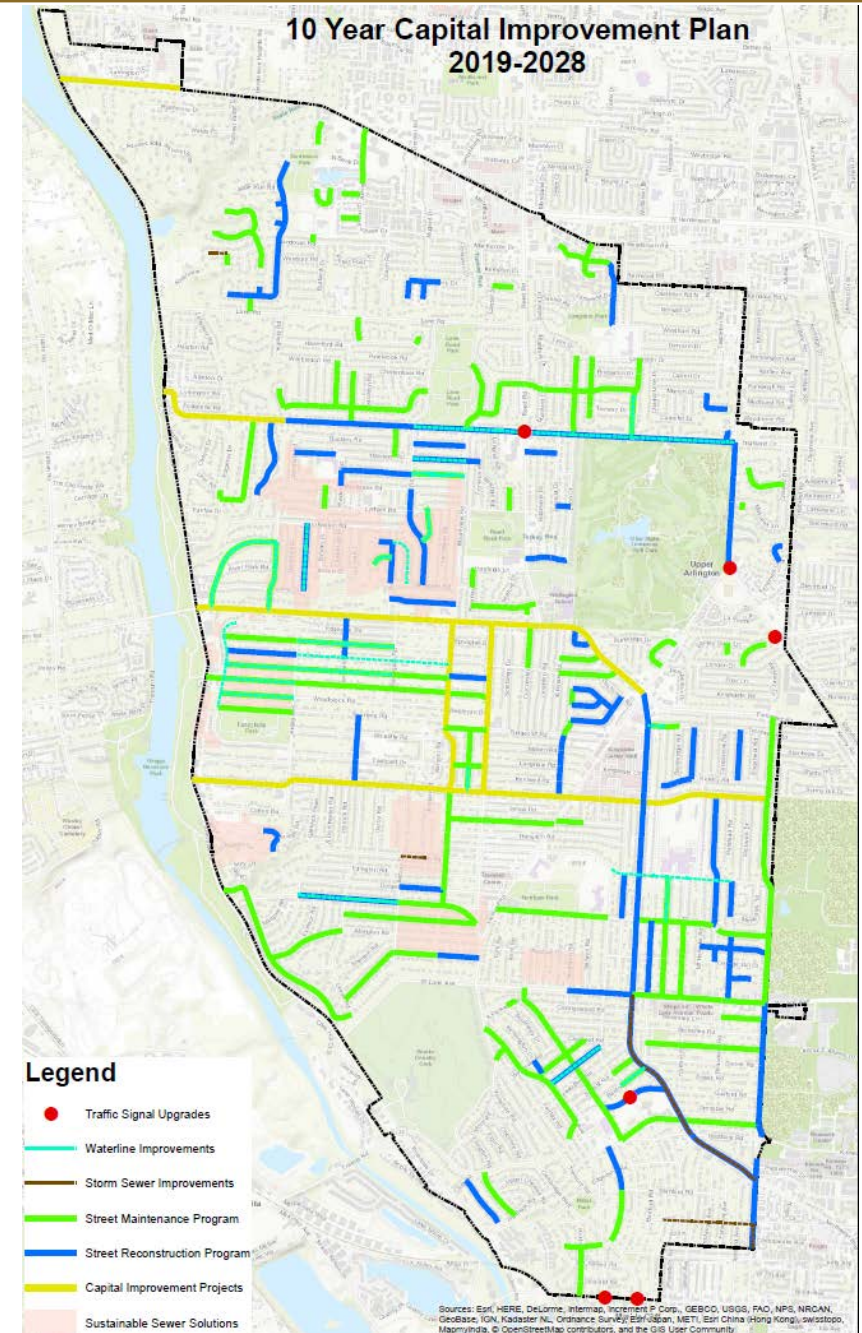
- Leaf collection
- Minor curb repairs
- Routine roadway repairs
- Snow removal
- Storm damage clean up
- Street markings
- Street signage repair/creation
- Street sweeping
- Wheelchair ramp repairs/replacements
- Sanitary sewer cleaning, televising, maintenance
- Storm sewer maintenance



Engineering Division

\$2.5M Annual Budget

- Administer, Design, Construct Capital Improvement Projects
- GIS Section
- Right-of-Way oversight and permitting
- Sanitary and Storm sewer EPA compliance
- Commercial and residential development site plan review, approvals, construction management
- Traffic Studies



Electrical Section

- Oversees and maintains various electrical and traffic management functions, including:
 - 52 community traffic signals, 1,427 streetlights, 14 school flashers, 2 hazardous intersection flashers
 - Electrical for City facilities including parks and pools, Senior Center, Municipal Service Center, Public Service Center, Northam Park tennis courts and the Mallway
 - Phase-in of energy efficiency (LEDs)
 - Community neighborhood lights



Capital Improvement Program

History and Future

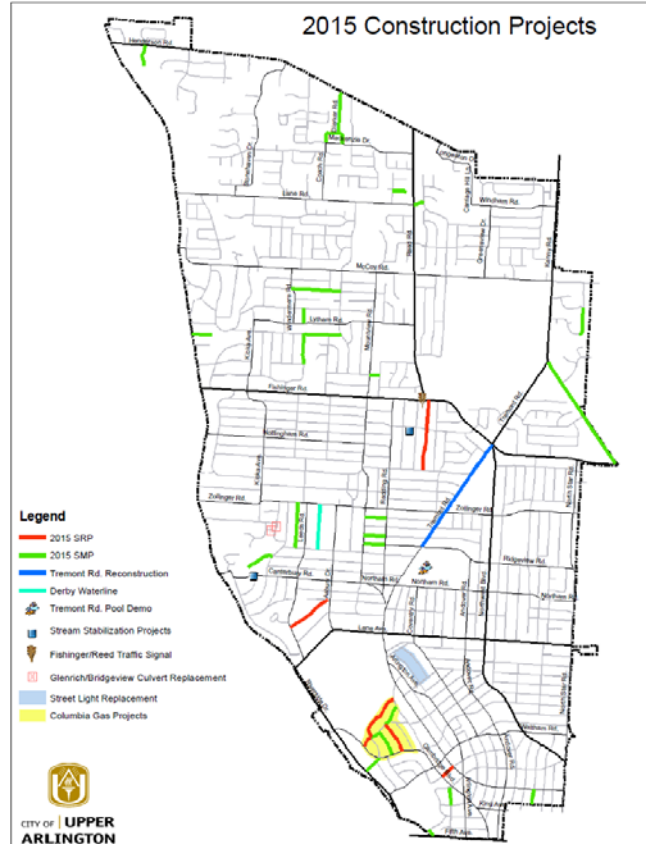
CIP Before 2014

Average \$5M Annually

2009	SRP	\$846,147.70
2009	Oxford/Wickliffe	\$897,131.90
2009	Coventry Road/Wilshire Road	\$1,142,291.50
2009	Collingswood Road	\$753,195.40
2009	SMP	\$647,809.00
2009	SMP - Ph II	\$449,701.37
2009	Crafton Park	\$267,462.37
2009	SAS Repairs	\$101,774.15
		\$5,105,513.39



CIP 2014 & 2015



	INFRASTRUCTURE PROJECT	Construction Contract Amount (\$)
2014	2014 Street Maintenance Program	\$1,467,244
	2014 Street Reconstruction Program	\$1,320,352
	Berkshire Phase 2	\$2,379,332
	Donna and Elmwood Waterline	\$694,421
	Northam Park Parking Lot Reconstruction	\$1,956,962
	2014 TOTAL	\$7,818,311
2015	2015 Street Maintenance Program	\$653,729
	2015 Street Reconstruction Program	\$1,150,630
	Derby Rd. Waterline	\$312,481
	Fishinger @ Reed Traffic Signal	\$93,981
	Kenny Rd. Resurfacing and Sidewalk	\$787,960
	2015 Sanitary Sewer Improvements	\$128,745
	Tremont Phase 1	\$7,485,486
	Wooden Street Light Pole Replacements Phase 1	\$148,128
	2015 TOTAL	\$10,761,140



CIP 2016 & 2017



2016

2016 Street Maintenance Program	\$710,588
2016 Street Reconstruction Program	\$1,180,144
Glenrich & Bridgeview Bridge Replacements	\$358,624
Grace @ Reed Signal Improvement	\$99,319
Tremont Phase 2	\$7,516,217
Waterlines - Mountview, Avalon, Ridgeview	\$691,843
Wellington Stream Stabilization	\$155,657
Zollinger Shared Use Path	\$98,712
2016 Sanitary Sewer Improvements	\$122,082
Community Fiber Network	\$2,897,543
Thompson Park Parking Lot	\$213,745
Salt Storage Facility	\$402,813
2016 TOTAL	\$10,933,186

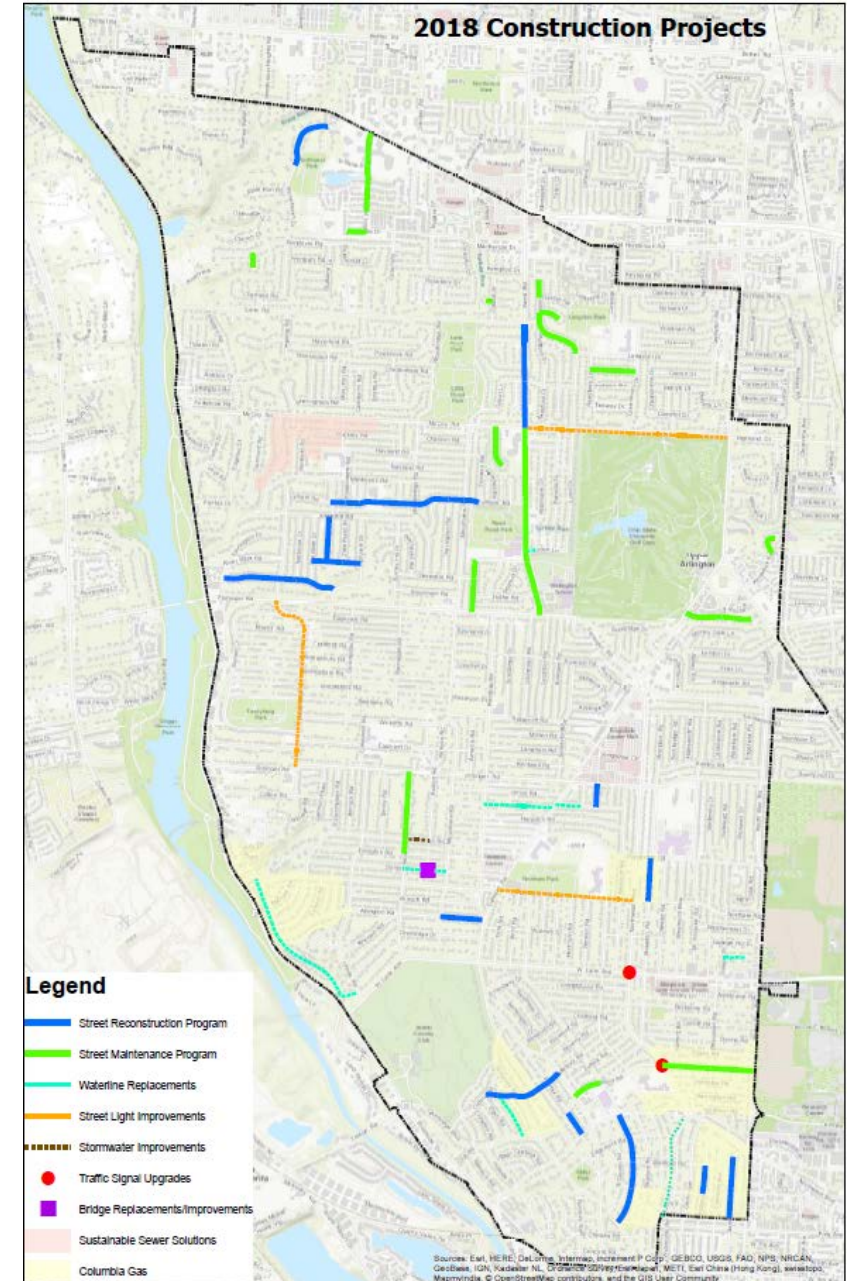
2017

2017 Sanitary Sewer Improvements	\$94,446
2017 Street Maintenance Program	\$1,220,206
2017 Street Reconstruction Program	\$3,513,444
Abington, Brixton, and Kenny Bridge Improvements	\$826,595
West Fifth Ave. Bike Path & Road Improvements	\$310,551
Waterlines - Asbury and Reed	\$1,186,154
Sidewalk Connection Project	\$945,339
2017 Sustainable Sewer Solution	\$2,539,887
Storm Sewer Improvement Project	\$599,881
Traffic Signal Improvement	\$172,409
Reed Road Reconstruction	\$1,206,200
Devon Pool Dive Well	\$528,890
Northam Park/Tremont Pool	\$7,869,364
2017 TOTAL	\$21,013,366

CIP 2018

2018

2018 Sanitary Sewer Improvements	\$136,363
2018 Street Maintenance Program	\$936,034
2018 Street Reconstruction Program	\$4,236,273
Dorset Bridge Improvements	\$188,012
Waterlines - Charing, Cheshire, Dorset, Grace, Inchchiff & Osborn	\$1,965,885
2018 Sidewalk Maintenance Program	\$474,800
2018 Sustainable Sewer Solution	\$1,210,860
2018 Storm Sewer Improvement Project	\$485,215
Street Light Improvements Project - Kioka, McCoy & Northam	\$1,212,592
Traffic Signal Improvement	\$399,945
Wyandot Park SUP	\$170,511
2018 TOTAL	\$11,416,491



2019-2028 CIP

TABLE 1: SUMMARY BY PROJECT TYPE IN BUDGET-YEAR DOLLARS

Note: All figures shown are in Budget-Year Dollars (original cost estimates have been escalated by 2.00% per year to account for inflation, beginning in 2019).

*Based on the Federal Reserve's long run inflation target and consistent with the Ohio Department of Transportation and the City of Columbus

Program	Total 10-Year CIP*	CIP Year									
		2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
Streets	\$ 60,901,825	\$ 6,742,200	\$ 5,152,198	\$ 3,629,970	\$ 9,084,757	\$ 8,517,399	\$ 5,544,591	\$ 5,635,590	\$ 5,085,440	\$ 5,706,480	\$ 5,803,200
Sidewalks	\$ 6,167,453	\$ 657,900	\$ 2,224,895	\$ 530,000	\$ 554,256	\$ 746,130	\$ 658,672	\$ 193,800	\$ 197,200	\$ 200,600	\$ 204,000
Street Lights	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Traffic Signals	\$ 1,471,260	\$ 403,410	\$ -	\$ -	\$ -	\$ -	\$ 78,400	\$ 530,670	\$ 458,780	\$ -	\$ -
Water	\$ 19,168,091	\$ 714,816	\$ 1,968,931	\$ 2,762,864	\$ 2,014,308	\$ 1,669,437	\$ 2,233,980	\$ 2,176,232	\$ 2,677,338	\$ 1,275,197	\$ 1,674,990
Bridge	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Storm	\$ 5,022,149	\$ 587,010	\$ 1,245,359	\$ 1,093,920	\$ 199,260	\$ 340,450	\$ 885,920	\$ 17,100	\$ 214,020	\$ 217,710	\$ 221,400
Sanitary	\$ 17,518,017	\$ 1,755,200	\$ 1,697,902	\$ 1,674,506	\$ 1,784,659	\$ 1,846,987	\$ 1,841,429	\$ 1,875,837	\$ 1,976,696	\$ 1,718,505	\$ 1,346,297
Parks	\$ 17,136,908	\$ 1,991,295	\$ 1,334,365	\$ 2,437,523	\$ 2,669,922	\$ 2,810,610	\$ 2,076,760	\$ 1,617,318	\$ 1,205,298	\$ 688,117	\$ 305,700
Miscellaneous	\$ 334,254	\$ 334,254	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ 127,719,958	\$ 13,186,085	\$ 13,623,650	\$ 12,128,783	\$ 16,307,162	\$ 15,931,013	\$ 13,319,752	\$ 12,046,546	\$ 11,814,772	\$ 9,806,608	\$ 9,555,587
Secured Funding*	\$ 12,868,601	\$ 2,302,111	\$ 700,000	\$ 350,000	\$ 3,705,178	\$ 4,011,312	\$ 500,000	\$ 400,000	\$ 300,000	\$ 300,000	\$ 300,000
*grants, permissible tax fund, TIF, etc.											
Net CIP Total	\$ 114,851,357	\$ 10,883,974	\$ 12,923,650	\$ 11,778,783	\$ 12,601,984	\$ 11,919,701	\$ 12,819,752	\$ 11,646,546	\$ 11,514,772	\$ 9,506,608	\$ 9,255,587



2019-2028 CIP

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