

CITY OF MADISON

ANNUAL REPORT

BOARD OF PUBLIC WORKS

2023

The Purpose of This Report:

This report is a summary of the proceedings of the Board of Public Works addressed annually to the Common Council in accordance with Section 62.14(5) of the Wisconsin Statutes.

The Board of Public Works:

During 2023, the members of the Board were as follows:

Chairman/Engineering Background: Michael Cullen
Alderson: Ald. Keith Furman (1/1 – 3/22) and Ald. Nikki Conklin (4/19-12/31)
Alderson: Ald. Grant Foster (1/1 – 3/22) and Ald. Kristen Slack (4/19- 12/31)
First Alternate Adult City Resident: Aaron Williams (1/1 – 6/7)
Second Alternate Adult City Resident: Vacant
Mayor Designee: Lisa Stern
Adult City Resident: Jaclyn Weitzel (1/1-10/18)
Adult City Resident: Valese Adams (1/1 – 2/22) and Aaron Williams (6/20 – 12/31)
Adult City Resident: Joe Clausius
Executive Secretary: Jim Wolfe

During 2023, the Board of Public Works was convened for 21 meetings of which 14 included formal Assessment/Utility/Noise Impact Public Hearings.

The Citizen members of the Board were paid a salary of \$100 per annum in accordance with Section 62.14(3) of the Wisconsin Statutes.

Summary of Bids Received by the Board of Public Works Construction:

It is the goal of the City to maximize the competition for public works contracts in order to provide the best value for the expenditure of its property tax and utility rate payers. The receipt of bids from three or more prequalified contractors best accomplishes the attainment of that goal. However, the practice of the city is to open the bids for projects, which have two bidders without an extension of the bidding period.

When a single bid is received for a contract, the bid period is generally extended unless there is information indicating that there are insufficient bidders available or schedule constraints.

AWARDED – “SINGLE” RESPONSIBLE BIDDERS

<u>Contract No.</u>	<u>Contract Name</u>
8697	Annual Horizontal Sawcutting of Concrete Sidewalk & Incidental Work (District 12) - 2023
8700	Chip Sealing 2023 - East
8702	Resurfacing 2023 – Curb & Gutter and Castings
8705	Annual Construction & Reconstruction of Concrete Sidewalk & Incidental Concrete Curb & Gutter Work Ordered (District 12) by the Common Council.
8713	Annual Horizontal Sawcutting of Concrete Sidewalk & Incidental Work (District 18) - 2023
9244	Overture Center Garage Screening
9262	CIPP Wet Lining Rehab of Sanitary Sewers – 2021 (Rebid)
9269	2023 Sport Court Resurfacing
9226	Phase 2 of CCB City Office Remodels, First and Fifth Floors
9320	Fire Station 4 Lighting Retrofit
9319	CIPP Water Main Rehab 2023 – Fish Hatchery Road/Lake Mendota Drive

9327	2023 Penn Park Courts
9336	Felland Reservoir Booster Pump Install Milky Way Reservoir Valve Install
9365	Railroad Arch Culvert Repair at Southwest Bike Path
9334	Robin Greenway Restoration
9361	State Street Campus Garage Mixed-Use Project

(MULTIPLE BIDS RECEIVED) – ALL BIDS REJECTED

<u>Contract No.</u>	<u>Contract Name</u>
9230	Fire Station 10 Lighting Retrofit <i>(2 bids received, one bid non-responsive, other over estimate, rebid)</i>
9243	2023 Semi-Permanent Epoxy Pavement Marking <i>(3 bids– one not prequalified, other two deemed non-responsive, rebid)</i>
8698	Repairing and Sealing Pavement Cracks – Local Streets 2023 <i>(3 bids received, 2 deemed non-responsive, other over estimate, rebid)</i>
8699	Repairing and Sealing Pavement Cracks – Major Streets 2023 <i>(3 bids received, 2 deemed non-responsive, other over estimate, rebid)</i>
9346	2023 Parking Garage Maintenance <i>(2 bids received, one non-responsive, other over estimate)</i>

REJECTED/REBID – “NO/SINGLE” BIDS

<u>Contract No.</u>	<u>Contract Name</u>
9249	Madison Senior Center Courtyard <i>(single bid, bid not opened, contract rebid)</i>
8720	Senior Center First Floor Folding Partition Installation <i>(single bid, over estimate)</i>
9270	2023 Penn Park Courts <i>(single bid, over estimate, contract rebid)</i>
9240	Fire Station 4 Lighting Retrofit <i>(single bid, bid not opened, contract rebid)</i>
9245	Door Creek Shelter <i>(No bids, contract rebid)</i>
9306	2023 Penn Park Courts <i>(single bid, bid not opened, contract rebid)</i>
9317	2023 Parking Garage Maintenance <i>(No bids, contract rebid)</i>
8728	IT Fiber Install 2023 <i>(No Bids, contract rebid)</i>
9235	Railroad Arch Culvert Repair at Southwest Bike Path <i>(Single bid, bid not opened, contract rebid)</i>

Contract Bidding Summary (2019-2023)

All Awarded contracts [includes contracts rebid]	Year	2019	2020	2021	2022	2023
	Number of contracts	70	61	64	52	59
	Value of contracts (Millions)	\$113,605,700.22	\$43,996,661.08	\$65,016,806.39	\$50,919,013.07	\$196,358,192.04
	Total number of bidders	206	196	223	140	147
	Average number of bidders per contract	2.94	3.21	3.48	2.69	2.49
	High number of bids per contract	8	7	6	7	5
	Low number of bids per contract	1	1	1	1	1
	Number of contracts with 3 or more bids	41	36	44	25	26
	Number of contracts with 2 bids	20	21	19	15	17
	Number of contracts with 1 bid	9	4	1	12	16

All Contracts Bid	Year	2019	2020	2021	2022	2023
	Total number of contracts bid	85	69	71	70	73
	Total number of bids	225	208	229	159	165
	Average number of bidders per contract	2.65	3.01	3.23	2.27	2.26
	High number of bids per contract	8	7	6	7	5
	Low number of bids per contract	0	1	0	0	0
	Number of contracts with 3 or more bids	43	37	44	27	29
	Number of contracts with 2 bids	23	23	20	17	19
	Number of contracts with 1 bid	16	9	5	21	21
	Number of contracts with no bids	3	0	2	5	3

All Contracts Bid Except Facilities Contracts	Year	2018	2019	2020	2021	2022	2023
	Total number of contracts bid	67	63	56	53	45	54
	Total number of bids	165	176	169	178	119	133
	Average number of bidders per contract	2.46	2.79	3.02	3.26	2.64	2.46
	High number of bids per contract	6	6	7	6	7	5
	Low number of bids per contract	0	1	1	0	0	0
	Number of contracts with 3 or more bids	31	37	31	36	22	25
	Number of contracts with 2 bids	17	17	19	15	10	13
	Number of contracts with 1 bid	17	9	6	1	11	14
	Number of contracts with no bids	2	0	0	1	2	2

All Facilities Contracts Bid	Year	2018	2019	2020	2021	2022	2023
	Total number of contracts bid	21	22	13	18	25	19
	Total number of bids	62	49	39	51	40	31
	Average number of bidders per contract	2.95	2.23	3.00	2.83	1.60	1.63
	High number of bids per contract	6	8	6	6	4	4
	Low number of bids per contract	0	0	1	0	0	0
	Number of contracts with 3 or more bids	13	6	6	8	5	4
	Number of contracts with 2 bids	4	6	4	5	7	6
	Number of contracts with 1 bid	3	7	3	4	10	7
	Number of contracts with no bids	1	3	0	1	3	2

Manual Bids for All Contract Bid	Year	2018	2019	2020	2021	2022	2023
	Total number of manual bids	50	35	25	33	16	12
	Total number of bids	227	225	208	229	159	165
	Percent manual bids	22.03	15.56	12.02	14.41	10.06	7.27
	Total number of contracts bid	88	85	69	71	70	73
	Number of contracts with a manual bid	28	21	15	18	16	8
	Percent of contracts with a manual bid	31.82	24.71	21.74	25.35	22.86	10.96
	Number of companies submitting a manual bid	29	21	20	20	11	6

BOARD OF PUBLIC WORKS, CITY OF MADISON

PUBLIC WORKS CONTRACTS FINALIZED IN 2023

Contract Number	Contract Name	Finance Ltr Sent Date	Contract Amount	Amount Paid To Date
7838	Dean Ave, Allis Ave, Tyler Cir & Seth Cir	10/3/2023	\$3,741,604.39	\$3,766,946.46
8243	Fire Station #10 Roof Replacement	8/7/2023	\$204,643.00	\$212,158.80
8366	Sidewalk Program 2019, Ald. District 1 & 7	7/7/2023	\$564,877.00	\$539,163.31
8367	Sidewalk Program 2019, Ald. District 9	7/6/2023	\$863,993.00	\$773,396.36
8505	Cedar Street Reconstruction & Cedar Street (new, Appleton relocated)	12/11/2023	\$1,719,776.26	\$1,603,842.66
8525	Spring Harbor Outfall Repair	2/8/2023	\$538,133.79	\$516,308.07
8565	Hooker Ave, Sheridan Dr, Steensland Dr Resurfacing w/Utilities	7/25/2023	\$1,014,319.87	\$1,008,190.19
8569	Helena St/Russell St/Jenifer St Reconstruction	6/20/2023	\$2,687,000.00	\$2,533,727.57
8573	Kronke Dr, Tanager Trl & Lanett Cir	3/28/2023	\$1,454,915.75	\$1,465,457.50
8583	Halo Lane and Twilight Trail Reconstruction	8/23/2023	\$283,844.50	\$222,600.77
8585	Dearholt Rd Resurfacing w/Utilities	2/8/2023	\$1,201,437.81	\$1,167,216.18
8586	Reindahl Restroom Remodel	5/12/2023	\$139,598.00	\$142,871.49
8616	St. Paul, Ohio, Talmadge,Jackson and LaFollette Reconstruction	6/20/2023	\$3,651,225.00	\$3,628,056.60
8617	RESURFACING 2022 – CURB & GUTTER AND CASTINGS	1/20/2023	\$453,761.46	\$437,887.39
8618	RESURFACING 2022 – ASPHALT PAVEMENT PULVERIZING, MILLING AND PAVING	10/25/2023	\$652,194.50	\$646,860.32
8619	RESURFACING 2022 – ASPHALT BASE PATCHING AND BASE PATCH GRINDING	10/12/2023	\$794,412.50	\$717,110.18
8622	S. Owen, Caromar, Keating Resurfacing w/Utilities	8/21/2023	\$1,818,181.81	\$1,776,410.09
8633	Horizontal Sawcutting of Concrete Sidewalk and Incidental Work-2022	9/21/2023	\$58,910.00	\$58,564.88
8634	Sidewalk, Curb&Gutter, Citywide Installation and Repair 2022	10/24/2023	\$481,890.00	\$529,316.31
8653	Olin Ave. Waste Transfer Station Floor Replacement replacement	8/21/2023	\$190,000.00	\$198,606.81
8655	W. Washington Ave & Henry St Intersection Improvement	1/25/2023	\$138,000.00	\$120,318.10
8692	Felland Road Reconstruction	11/29/2023	\$558,855.00	\$521,182.03
8700	Chip Seal East	10/23/2023	\$2,843,538.12	\$2,814,910.39

BOARD OF PUBLIC WORKS, CITY OF MADISON

PUBLIC WORKS CONTRACTS FINALIZED IN 2023

Contract Number	Contract Name	Finance Ltr Sent Date	Contract Amount	Amount Paid To Date
8701	Chip Seal North	10/23/2023	\$1,618,620.25	\$1,623,220.95
8727	Bridge Repairs 2022/2023-Painting Alicia Ashman Ped Bridge	8/15/2023	\$397,500.00	\$423,000.00
8981	Metro Transit Phase 3A - Maintenance and Driver Facility Improvements	12/15/2023	\$9,412,947.00	\$10,801,732.73
8987	Sidewalk Program 2021, Ald. District 14	2/21/2023	\$1,420,898.00	\$1,311,614.62
8988	RESURFACING 2021 – CURB & GUTTER AND CASTINGS	6/16/2023	\$817,930.50	\$751,233.64
8991	ANNUAL HORIZONTAL SAWCUTTING OF CONCRETE SIDEWALK AND INCIDENTAL WORK (DISTRICT 13) - 2021	3/7/2023	\$87,272.50	\$82,195.00
9050	Olin Park Facility Improvements	6/14/2023	\$3,221,219.00	\$3,702,555.51
9102	1622 Fordem Avenue Sanitary Sewer Replacement	1/25/2023	\$164,641.04	\$148,293.57
9103	Worthington Ave Sanitary Replacement	6/22/2023	\$965,284.86	\$1,067,319.76
9125	MPD East Fencing	6/20/2023	\$70,152.00	\$70,152.00
9159	SENIOR CENTER LIGHTING REPLACEMENT	7/10/2023	\$287,985.00	\$293,200.00
9210	Mineral Point Landfill 2022 Gas Construction	8/28/2023	\$175,360.00	\$190,105.00
9280	Fire Station 10 Lighting Retrofit	12/18/2023	\$77,900.00	\$77,900.00

Total Bid Amounts

\$44,772,821.91

Total Paid to Date

\$45,943,625.24

Total Contracts

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BOARD OF PUBLIC WORKS, CITY OF MADISON
PUBLIC WORKS CONTRACTS AWARDED IN 2023

Contract No.	Date	Contract Name	Type	Contractor	Contract Amount	No. of Bidders	Engineer's Estimate	Percent of Bid to Estimate	
8694	3-Jan	S. Pinckney Street Assessment District - 2023	S&H	Streets	Speedway Sand & Gravel, Inc.	\$323,389.90	4	\$286,955.00	113%
9244	3-Jan	Overture Center Garage Screening	M	TE	Berglund Construction Company	\$398,000.00	1	\$283,000.00	141%
8716	17-Jan	East-West Bus Rapid Transit	S&H	Metro	Zenith Tech, Inc.	\$65,743,246.27	2	\$70,000,000.00	94%
9262	17-Jan	CIPP Wet Lining Rehab of Sanitary Sewers - 2021 (Rebid)	S&W	Sewer	Visu-Sewer, Inc.	\$974,590.00	1	\$1,170,150.00	83%
8641	28-Feb	Braxton Place and La Mariposa Lane AD - 2022	S&H	Streets	Capitol Underground, Inc.	\$1,141,497.82	4	\$1,098,214.50	104%
8692	28-Feb	Felland Road Reconstruction Assess. District - 2022	S&H	Streets	Parisi Construction, LLC	\$558,855.00	5	\$711,125.00	79%
9437	28-Feb	East Towne Detention Basin Improvements	M	Storm	R. G. Huston Co., Inc.	\$1,188,000.00	4	\$1,100,616.40	108%
9269	7-Mar	2023 Sport Court Resurfacings	P	Parks	Poblocki Paving Corporation	\$206,549.92	1	\$156,257.65	132%
9280	7-Mar	Fire Station 10 Lighting Retrofit	M	Fac&Sust.	Danton Construction Services LLC	\$77,900.00	2	\$97,000.00	80%
8583	7-Mar	Halo Lane and Twilight Trail Resurfacing AD - 2023	S&H	Streets	Parisi Construction, LLC	\$283,844.50	3	\$385,000.00	74%
8697	21-Mar	Annual Horiz. Sawcut Conc SW/Incidental Work (D12) 202	S&H	Sidewalk	Southern Wisconsin Construction LLC	\$139,550.00	1	\$98,600.00	142%
8702	21-Mar	Resurfacing '23 - Curb & Gutter and Castings	P	Streets	Parisi Construction, LLC	\$210,950.00	1	\$200,000.00	105%
8704	21-Mar	Resurfacing '23- Base Patching & Base Patch Grinding	P	Streets	Poblocki Paving Corporation	\$818,242.00	4	\$900,000.00	91%
8706	21-Mar	Annual Constr/Recon Sidewalk/C&G Ord (D18) CC	S&H	Sidewalk	Speedway Sand & Gravel, Inc.	\$1,817,462.90	2	\$1,572,000.00	116%
8715	21-Mar	Lake Mendota Drive Assessment District - 2023	S&H	Streets	Capitol Underground, Inc.	\$3,823,814.98	4	\$3,740,703.25	102%
9279	21-Mar	2023 Rennebohm Park Inclusive Playground	M	Parks	Joe Daniels Construction Co., Inc.	\$352,452.70	2	\$319,744.00	110%
8700	18-Apr	Chip Sealing 2023 - East	P	Streets	Scott Construction Inc.	\$2,843,538.12	1	\$2,750,000.00	103%
8701	18-Apr	Chip Sealing 2023 - North	P	Streets	Scott Construction Inc.	\$1,618,620.25	2	\$1,650,000.00	98%
8705	18-Apr	Annual Constr/Recon Sidewalk/C&G Ord (D12) CC	S&H	Sidewalk	Raymond P. Cattell, Inc.	\$1,182,345.00	1	\$1,055,000.00	112%
8713	18-Apr	Annual Horiz. Sawcut Conc SW/Incidental Work (D18) 202	S&H	Sidewalk	Universal Concrete Grinding, LLC	\$82,407.80	1	\$65,600.00	126%
8727	18-Apr	Bridge Repairs '22/'23-Painting Alicia Ashman Pedestrian Brid	M	S&H	TMI Coatings, Inc.	\$397,500.00	2	\$275,000.00	145%
8875	18-Apr	Lower Badger Mill Creek Flood Mitigation	M	Storm	Integrity Grading & Excavating, Inc.	\$2,664,573.72	3	\$3,394,417.20	78%
9285	18-Apr	CIPP UV Lining Rehab of Sanitary Sewers West P1 - 2023	S&W	Sewer	Michel Trenchless, Inc.	\$939,212.00	4	\$819,775.00	115%
9286	18-Apr	CIPP UV Lining Rehab of Sanitary Sewers East P1 - 2023	S&W	Sewer	S.J. Louis Trenchless, LLC	\$859,370.05	4	\$665,093.00	129%
9299	18-Apr	2023 Semi-Permanent Epoxy Pavement Marking	M	TE	Brickline, Inc.	\$144,505.00	2	\$179,982.29	80%
8642	2-May	West Towne Path - Phase 3	S&H	Streets	Parisi Construction, LLC	\$899,099.00	3	\$941,763.00	95%
9226	2-May	Phase 2 of CCB City Office Remodels, 1st & 5th Floors	M	Fac&Sust.	Tri-North Builders, Inc.	\$4,595,000.00	1	\$4,300,000.00	107%
8300	16-May	W. Wilson St. and S. Broom St. Assessment District - 2021 and S. Henry St. Assessment District - 2023	S&H	Streets	Speedway Sand & Gravel, Inc.	\$4,298,969.66	3	\$4,120,275.50	104%
8721	16-May	W. Main Street Bike Boulevard	S&H	Streets	Speedway Sand & Gravel, Inc.	\$281,538.20	2	\$215,327.00	131%
9312	16-May	Truax Lift Station Replacement	M	Sewer	Speedway Sand & Gravel, Inc.	\$1,280,313.65	3	\$1,478,215.00	87%
8703	16-May	Resurf '23 - Asphalt Pavement Pulverizing, Milling & Paving	P	Streets	Tri-County Paving, Inc.	\$909,605.80	3	\$930,000.00	98%
8566	6-Jun	Davies St. & Dempsey Rd. Reconstruction AD -2023	S&H	Streets	R. G. Huston Co., Inc.	\$4,381,000.00	4	\$4,809,737.50	91%
9298	6-Jun	2023 West Parks Playground Replacements	M	Parks	Madison Commercial Landscapes Inc	\$151,298.00	2	\$118,247.20	128%
9313	6-Jun	Madison Senior Center Courtyard	M	Fac&Sust.	Drax, Inc.	\$1,022,641.73	2	\$970,000.00	105%

BOARD OF PUBLIC WORKS, CITY OF MADISON
PUBLIC WORKS CONTRACTS AWARDED IN 2023

Contract No.	Date	Contract Name	Type	Contractor	Contract Amount	No. of Bidders	Engineer's Estimate	Percent of Bid to Estimate	
9320	6-Jun	Fire Station 4 Lighting Retrofit	M	Fac&Sust.	Danton Construction Services LLC	\$122,273.00	1	\$130,000.00	15%
9319	20-Jun	CIPP Water Main Rehab 2023 - Fish Hatchery Road/Lake Mendota Drive	S&W	Water	Fer-Pal Construction USA, Inc.	\$749,880.00	1	\$812,420.00	211%
8707	11-Jul	John Nolen Bridge Repairs - 2023	S&H	Streets	Zenith Tech, Inc.	\$222,014.00	3	\$355,440.00	62%
8731	11-Jul	Repairing & Sealing Pavement Cracks - Local 2023	S&H	Streets	Fahrner Asphalt Sealers, L.L.C.	\$278,314.00	2	\$264,508.43	105%
8732	11-Jul	Repairing & Sealing Pavement Cracks - Major 2023	S&H	Streets	Fahrner Asphalt Sealers, L.L.C.	\$329,458.00	2	\$271,435.81	121%
9327	11-Jul	2023 Penn Park Courts	P	Parks	Wolf Paving & Excavating of Madison, Inc	\$610,962.00	1	\$488,357.00	125%
9439	11-Jul	Mendota Grassman Greenway Flood Mitigation and Restoration Design	N	Storm	Speedway Sand & Gravel, Inc.	\$4,436,527.13	3	\$4,173,785.03	106%
9326	25-Jul	Door Creek Park Shelter	B	Fac&Sust.	C. G. Schmidt, Inc.	\$3,500,461.00	3	\$2,675,000.00	131%
9297	1-Aug	Goodman Library Lighting Upgrade	N	Fac&Sust.	Danton Construction Services LLC	\$178,850.00	2	\$185,000.00	97%
8587	1-Aug	Tenney Park Beach Shelter	B	Fac&Sust.	Tri-North Builders, Inc.	\$1,199,950.00	2	\$962,240.00	125%
8659	1-Aug	Hudson, Miller, Willard, Center & Sommers Aves AD -2023	S&H	Streets	R. G. Huston Co., Inc.	\$3,396,000.00	5	\$4,424,275.50	77%
8876	1-Aug	Wexford Pond Dredging	M	Storm	Integrity Grading & Excavating, Inc.	\$1,516,432.99	5	\$1,300,000.00	117%
9333	1-Aug	Robin Greenway Storm and Grading	M	Storm	Drax, Inc.	\$798,027.85	4	\$890,142.90	90%
9335	5-Sep	CIPP UV Lining Rehab of Sanitary Sewers Phase 2 - 2023	S&W	Sewer	Visu-Sewer, Inc.	\$1,227,214.60	2	\$1,371,169.00	90%
9322	19-Sep	Fire Station 2 Lighting Retrofit	M	Fac&Sust.	The Electrician, Inc.	\$145,755.00	4	\$96,000.00	152%
9357	3-Oct	IT Fiber Install - 2023 N. Charter to W. Washington Connection	M	IT	Holtger Bros., Inc.	\$135,560.00	2	\$71,997.00	188%
8595	17-Oct	Madison Public Market	B	Fac&Sust.	Joe Daniels Construction Co., Inc.	\$15,741,760.00	3	\$12,500,000.00	126%
8710	17-Oct	S. Owen Drive Assessment District - 2023	S&H	Streets	Speedway Sand & Gravel, Inc.	\$1,553,335.85	5	\$1,719,935.50	90%
9336	17-Oct	Felland Reservoir Booster Pump Install Milky Way Reservoir Valve Install	M	Water	Monona Plumbing and Fire Protection, Inc.	\$149,870.00	1	\$275,000.00	54%
9365	17-Oct	Railroad Arch Culvert Repair at Southwest Bike Path	M	Streets	Speedway Sand & Gravel, Inc.	\$215,789.25	1	\$92,575.00	233%
9108	7-Nov	Parkside Drive Sanitary Sewer Replacement	S&W	Sewer	R. G. Huston Co., Inc.	\$395,160.00	4	\$549,175.00	72%
9086	21-Nov	Metro Transit Hanson Rd. Bus Facility Remodel	B	Fac&Sust.	Riley Construction Company, Inc.	\$16,099,708.00	3	\$18,975,000.00	85%
9304	5-Dec	Northport Drive - School Road Traffic Signal AD 2023	S&H	TE	Parisi Construction, LLC	\$146,474.85	2	\$110,412.65	133%
9334	5-Dec	Robin Greenway Restoration	M	Storm	Field & Stream Restorations, LLC	\$103,664.55	1	\$90,000.00	115%
9361	5-Dec	State Street Campus Garage Mixed-Use Project	B	Fac&Sust.	Stevens Construction Corp.	\$36,494,866.00	1	\$49,300,000.00	74%
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		Number		59		\$196,358,192.04	147		

Best Value Contracting 2023

In 2023 a contract was considered a Best Value Contract per MGO 33.7 (7) if the contractor's bid was equal or greater than \$74,000 for a single trade contract; or equal to or greater than \$360,500 for a multi-trade contract.

The dollar value at which Best Value Contracting requirements are applied is adjusted each year based on the change in the construction cost index as published in the Engineering News-Record.

In 2023, 59 Public Works contracts were awarded. All BVC information was not available at report time for 4 of these contracts (8595, 9086, 9326, & 9361). All BVC information is now available for 3 contracts from 2022 (8621, 8658, & 9432). Therefore, this summary of apprenticeship utilization in 2023 is based on 58 contracts, which were made up of 31 general contractors and 83 subcontractors.

General Contractors

General contractors were required to have active apprentices employed by their company in all apprenticeable trades used on the project in 39 instances. See Apprentice Utilization Chart for complete breakdown.

2023: Summary: General Contractors (GCs)		
No. of contracts with GC required to have an apprentice in all trades		39 (67%)
No. of contracts where GC met criteria for exemption from active apprentice		19 (33%)
Reason for exemption:		
Less than single trade minimum	0	
Less than multi trade minimum	6	
First Time (1), <5 skilled workers (1), and journey worker on layoff (1)	2	
Work not apprenticeable	11	
Total Contracts		58 (100%)

Examples of non-apprenticeable trades for general contractors were as follows: Asphalt lutean, truck driver, sawcutting, pavement & joint sealing, CCTV, trenchless pipeline technician, supervisor, demolition, landscaper, playground installer, epoxy pavement marking, ecological restoration, arborist.

Subcontractors

Ten subcontractors were required to have active apprentices employed by their company in all apprenticeable trades used on the project. See Apprentice Utilization Chart for complete breakdown.

2023 Summary: Subcontractors		
No. of subcontractors required to have an apprentice		10 (12%)
No. of subcontractors that met criteria for exemption from active apprentice		73 (88%)
Reason for exemption:		
Less than single trade minimum	49	
Less than multi trade minimum	7	
Work not apprenticeable	11	
Less than 5 craft workers employed company-wide	2	
First time contractor	4	
Apprenticeship program more than 90 miles away	0	
Total Subcontractors		83 (100%)

Examples of non-apprenticeable trades include: Truck driver, landscaper, sweeping, traffic control & flag person, poured-in-place resilient rubber surface installer, asphalt lutean, line-equipment operator, line-groundsman, line-groundsman/drivers, acrylic sport color coating, botanist, ecological technician, remediation ecologist, surveyor, concrete joint sealing laborers, crash cushion installer, epoxy pavement marking, historical masonry, material testing, and playground installer.

2023 Apprentice Utilization Chart

Of all contracts fully executed in 2023, General contractors were required to have an apprentice in 39 contracts and Subcontractors in 18 contracts.

	No. of Times an Apprentice Was Required in a Contract		Apprentices – No. of Persons Employed
	General Contractor	Subcontractor	
Construction Craft Laborer	31	4	14
Heavy Equipment Operator/Engineer	31	5	13
Cement Mason/Finisher	9	2	4
Bricklayer	1	0	1
Carpenter	3	1	3
Electrician	1	7	5
Plumber	1	1	2
Iron Worker	0	1	1
Sheet Metal Worker	0	1	1
Glazier	0	1	1
Steamfitter	0	1	1
Totals	77	24	46

Prevailing Wage Rate Compliance

The Department of Civil Rights monitors the payment of prevailing wage rate in accordance with a Memorandum of Understanding with the Engineering Division. The City of Madison is prohibited from requiring prevailing wage rates on most Public Works Projects. Prevailing wage rates apply to projects that are funded in part with Federal Funds. In 2023, 3 contracts required prevailing wage rates.

2022 Prevailing Wage Violations & Recoveries

Contract Type	Number of Violations	Dollar Value of Violations	Year-to-Date Wages Recovered
Public Works	0	\$-0-	\$-0-

In 2023 the Department of Civil Rights conducted 1 on-site prevailing wage interviews.

Summary of Private Construction of Public Works Improvements Supervised by the Board of Public Works

The Board also supervised the construction of public works improvements financed by the private sector for new subdivisions and land developments. In 2023, 35 private development plans were issued: 11 plat phases and 15 infills. The table below provides the number of lots created by year.

Year	Plats	CSMs	Condos
2023	171	62	15
2022	25	71	24
2021	268	60	48
2020	193	68	51
2019	534	76	103
2018	733	80	87
2017	137	18	5
2016	411	64	94
2015	806	79	18
2014	679	73	71
2013	253	75	118
2012	9	60	19
2011	28	44	108
2010	280	52	124
2009	34	49	380
2008	96	53	1129
2007	80	54	1464

Year	Plats	CSMs	Condos
2006	736	111	1517
2005	790	91	1478
2004	916	48	1114
2003	1147	44	501
2002	865	85	311
2001	579	60	160
2000	656	52	
1999	1122		
1998	1307		
1997	527		
1996	190		
1995	549		
1994	1038		
1993	317		
1992	776		
1991	287		
1990	432		
1989	369		
1988	800		
1987	502		
1986	152		
1985	339		
1984	317		
1983	354		
1982	245 (1 Plat)		
1981	83		
1980	517		
1979	506		
1978	637		
1977	972		
1976	681		
1975	246		

Prequalification of Contractors

During 2022 the City Engineer reviewed the listing of potential bidders prequalified for City work by the City Engineer; 238 contractors applied for various types of work in 2022.

There were no appeals regarding prequalifications of various contractors to bid on City of Madison Public Works Projects, and contractors applying to be licensed Concrete Layers, Asphalt Pavers, and Mudjackers.

	Approved Prequalified Contractors as of 12/31/2023 ¹	New Applications and Renewals
Total Active Prequalified Licenses ²	267	205 ³
Category A - Street terrace work	96	48
Category B - PW and Private Development	162	120
Category C - Excavate in ROW	141	90

¹ Numerous contractors are approved in multiple categories.

² Licenses are valid for 2 year period.

³ 78 Contractors applied for prequalification in 2022; however, 15 applications were not completed.

Other Activities of the Board of Public Works

In 2023, the City Engineer approved 1,288 street excavation permits for main, cable, lateral, and pole locations for the Madison Gas & Electric Company, City of Madison Water Utility, Wisconsin Telephone Company, and others.

The Board reviewed various Resolutions, Ordinances, and Petitions referred to it by the Common Council regarding purchase of property, relocation orders, relocation claims, citizen complaints and petitions, official map changes, and street vacations.

The Board reviewed all Change Orders for projects which exceeded the contingency established at the time of award, exceeded \$20,000, or resulted in a change in the completion date.

Board of Public Works Highlights

January 4, 2023

Legistar : 75290

Authorizing the Mayor and the City Clerk to execute an agreement with Brown and Caldwell for engineering services for the Warner Park Watershed Study.

The City of Madison Engineering Division is conducting watershed and flood studies for the City as a result of extreme rain events over the past several years. The August 2018 historic event has highlighted the need for a comprehensive approach to Stormwater management to assist with identification of deficiencies on the system, project alternatives analysis for potential flood mitigation solutions, as well as prioritization and budgeting for future improvements to the system.

This contract will be a multi-year analysis (2023-2025). The City Engineer has advertised for consultant services for the completion of a comprehensive watershed study and report. Pursuant to City Ordinances and Policies, the City Engineer advertised for consultant proposals, reviewed the submitted proposals, and recommends the engineering contract be awarded to Brown and Caldwell. The estimated cost of the project is \$195,870.00.

Legistar : 75292

Authorizing the Mayor and the City Clerk to execute an agreement with MSA Professional Services for engineering services for the John Nolen Drive Watershed Study.

The City of Madison Engineering Division is conducting watershed and flood studies for the City as a result of extreme rain events over the past several years. The August 2018 historic event has highlighted the need for a comprehensive approach to Stormwater management to assist with identification of deficiencies on the system, project alternatives analysis for potential flood mitigation solutions, as well as prioritization and budgeting for future improvements to the system.

This contract will be a multi-year analysis (2023-2025). The City Engineer has advertised for consultant services for the completion of a comprehensive watershed study and report. Pursuant to City Ordinances and Policies, the City Engineer advertised for consultant proposals, reviewed the submitted proposals, and recommends the engineering contract be awarded to MSA Professional Services. The estimated cost of the project is \$191,503.50.

January 18, 2023

Legistar 75511:

Approving plans and specifications and authorizing the Board of Public Works to advertise and receive bids for CIPP UV Lining Rehabilitation of Sanitary Sewers East Phase 1 - 2023.

The main goal of this project is to repair segments of the existing sanitary sewer system using UV Lining methods. In total, this project will encompass approximately 8,500 feet of sanitary sewer throughout the city's east and south sides. The estimated cost of the project is \$644,500.00.

March 8, 2023

Legistar 76501:

Approving plans and specifications and authorizing the Board of Public Works to advertise and receive bids for Mendota Grassman Greenway.

This project will re-grade and restore approximately 2,500 linear feet of channel and lower and increase the size of culverts on University Avenue and Camelot Drive. The estimated cost of the project is \$4,276,660.00.

March 22, 2023

Legistar 76857:

Approving Plans, Specifications, And Schedule Of Assessments For Harvey Street and Schmitt Place Assessment District - 2023.

That the contemplated purposes of this assessment district is to remove and replace the sanitary sewer, pavement, drive aprons, and to install new storm sewer, sanitary sewer, curb and gutter and sidewalk. The estimated cost of the project is \$935,000.00.

Legistar 76858:

Approving plans and specifications for public improvements necessary for the project known as 102 S Sprecher Road and authorizing construction to be undertaken by the Developer, Private Contract No. 9256.

The developer, RWW 4605 Sprecher Rd, LLC, has been conditionally approved for a one lot Certified Survey Map with one outlot at 102 S Sprecher Road. In addition to dedication of right of way for public street purposes along the Milwaukee Street and S Sprecher Road frontages, the developer shall also construction of a new north-south public street including pavement, curb/gutter, sidewalk, public utilities, and street lighting. The estimated cost of the project not to exceed \$25,500.00.

April 19, 2023

Legistar 77262:

Approving plans and specifications and authorizing the construction of Transit Network Redesign street improvements.

Metro Transit's Transit Network Redesign will restructure Madison's bus routes and schedules. The plan was adopted in 2022 and will be implemented on June 11, 2023. The work for approval is needed street infrastructure improvements to operate the routes. It consists of four projects: a minor change to the island at Highland and Regent for Route E, a new bus stop platform at Mineral Point and Gammon that is too large for city crews, about 200 feet of sidewalk and platform on the west side of Westfield Road north of Mineral Point Road, and a new sidewalk bumpout and bus stop eastbound on Badger Road at Rusk Avenue. The estimated cost of the project is \$110,000.00. Funding is available in the Metro Transit Capital budget.

May 3, 2023

Legistar 77167:

Determining a Public Purpose and Necessity and adopting Transportation Project Plat Numbers 12777-3 - 4.01 through 12777-3 - 4.11, for the required acquisitions per the Plats of Lands and Interests Required for the East-West Bus Rapid Transit - Mineral Point Road Segment project. Located along Mineral Point Road between the W Beltline Hwy on the west and S Whitney Way on the east.

The proposed resolution authorizes the acquisition of property and property rights for the construction of planned public street and station improvements for the East-West Bus Rapid Transit (BRT) project. Total right of way acquisition costs are estimated to be \$1.8m and are funded within Transportation's 2022 adopted capital budget within the E-W Bus Rapid Transit program

Legistar 77481:

Approving plans and specifications and authorizing the Board of Public Works to advertise and receive bids for John Nolen Bridge Repairs - 2023.

The annual bridge inspections have identified the need for repairs on the John Nolen Drive Bridges. The repairs will consist of concrete girder end repairs, bearing bracket extension, steel wedging of bearing assemblies and steel expansion joint repairs on the pedestrian/bike path on the bridges. The estimated cost of the project is \$450,000.00.

June 21, 2023

Legistar 78072:

Approving roadway geometry for the reconstruction of John Nolen Drive from North Shore Drive to Lakeside Street.

The City of Madison and the Wisconsin Department of Transportation have proposed a project to reconstruct John Nolen Drive from North Shore Drive to Lakeside Street. No City funds required.

Legistar 78130:

Repealing and Recreating Section 16.23 of the Madison General Ordinances to Update Land Subdivision Regulations.

This proposed ordinance incorporates Complete Green Streets policies as well as codifying current best practices of land division and current statutory requirements. Additionally, this ordinance has several editing changes – including updating language to be gender-inclusive, removing unnecessary terminology and correcting statutory references. No City appropriation required.

July 19, 2023

Legistar 78780:

Approving plans and specifications and authorizing the Board of Public Works to advertise and receive bids for Well 15 PFAS Treatment Facility.

The proposed project will address PFAS levels in Well 15 source water by installing new treatment process equipment (pre-treatment and VOC & PFAS removal as well as chemical feed), piping and valves, controls system changes and site modifications within the existing building footprint of the Unit Well 15 facility. The estimated cost of the project is \$5,000,000.00.

September 6, 2023

Legistar 79631:

Approving plans and specifications and authorizing the Board of Public Works to advertise and receive bids for State Street Campus Garage Mixed-Use Project.

The City of Madison is pursuing a new public and private development opportunity that includes the demolition and replacement of the existing State Street Campus Garage (SSCG) at 415 North Lake Street. The building project will be completed in two construction phases. Phase 1 –the Public Works project- includes demolition of the existing SSCG and new construction will include an intercity bus terminal, public parking structure, and “gray box” spaces for final build out by private Developer. Phase 2 –constructed by the Developer and not included with this resolution- will include housing components built on top and within the Phase 1 construction. The estimated cost of the project is \$55,600.00.

September 20, 2023

Legistar 79815:

Approving plans and specifications and authorizing the Board of Public Works to advertise and receive bids for Robin Greenway Restoration.

Phase Two of the Robin Greenway project includes native tree, shrub, native seeding, tree removals for oak wilt and tree removals identified in public engagement process, as well as ecological restoration maintenance for two years. The estimated cost of the project is \$80,000.00.

October 4, 2023

Legistar 80106:

Amending the 2023 Adopted Capital Budget of the Economic Development Division and Awarding Public Works Contract No. 8595, Madison Public Market.

This resolution authorizes the award of the base bid and alternate #3 in Public Works Contract No. 8595. The budget amendment provides sufficient budget authority to award Public Works Contract No. 8595 - Madison Public Market and complete the remaining non-Public Works project costs (i.e. design consultant fees, staff time,

furnishings/fixtures/equipment, percent for art, and related startup costs). The estimated cost of the project is \$450,000.00.

November 8, 2023

Legistar 80362:

Amending Section 8.15(1) and Creating Subsection 37.05(11) of the Madison General Ordinances to allow for certain greenway encroachments and the creation of a greenway privilege.

DRAFTER'S ANALYSIS: Under existing ordinances, most encroachments into City greenways and park lands are not authorized, even if similar encroachments may be approved on other City owned lands. This ordinance would amend Sec. 8.15(1) to create a limited exception to this prohibition and allow for some encroachments into greenways that are solely managed by the Engineering Division, including lands managed by the Stormwater Utility (such as ponds and other detention basins). While gardens and temporary fencing may be allowed with notification and approval of the City Engineer, more extensive encroachments, including permanent fencing, retaining walls, stairs, outbuildings, hardscape and parking areas would require the granting of a greenway privilege under the newly created 37.05(11). A greenway privilege would be similar to a privilege in street under Sec. 10.31, and would be within the discretion of the City Engineer to grant. The City will retain the ability to remove any greenway encroachment that interferes with City operations or that presents a risk to the public health, safety and welfare. The estimated cost of the project is \$17,001,100.00.

November 20, 2023

Legistar 80605:

SUBSTITUTE - Approving geometry, plans, and specifications and authorizing the Board of Public Works to advertise and receive bids for Mineral Point Road Widened Sidewalk.

The Mineral Point Road corridor currently has established yet deficient accommodations for cyclists. To resolve poor bicycle accommodations the Bus Rapid Transit project will widen the established north sidewalk to accommodate multiple types of users. The widened sidewalk is part of the Bus Rapid Transit project negotiations and agreement with the Federal Transit Administration, receiving federal funding for its construction. City Transportation and Forestry staff, in coordination with consultant staff, have developed a geometry that preserves trees while still providing a protected all ages and abilities facility for different types of users. The estimated cost of the project is \$7.375 million. Funding is available as part of the overall Bus Rapid Transit project.

Street and Path Condition Report

The City of Madison Engineering Division rates half of the paths and streets every year to maintain a comprehensive understanding of the condition of our pavements. The City uses the PASER rating system, a pavement management rating system developed by the University of Wisconsin Madison Transportation Information Center. The PASER system utilizes a scale of 1 to 10 with 10 being a new pavement and 1 being a poor pavement.

For an asphaltic and concrete streets, a 3 rated street requires reconstruction or resurfacing within the next few years. We have set the following goals for streets:

Street Type	Percent of street miles at or below PASER rating of %@< 5	Percent of street miles at or below PASER rating of %@< 4	Percent of street miles at or below PASER rating of %@< 3
Arterial Street	20%	5%	0%
Collector Street	25%	10%	0%
Local Street	30%	15%	0%
Designated Bike Route	20%	5%	0%
Designated Transit Route	20%	5%	0%

Pedestrian and bike paths differ in that surface defects are less tolerable. A rating of 5 or below is ideally scheduled for resurfacing or reconstruction within the next few years.

The Condition Reports for Paths and Streets are attached below.

City of Madison
Street Condition Report
Streets Within and Maintained by City of Madison
As of December 31, 2023

Updated 2/21/2024

All Streets:	2001	2015	2016	2017	2018	2019	2020	2021	2022	2023
Total Miles	682.38	784.78	789.95	798.15	800.41	802.08	807.76	812.58	818.79	827.74
Total Lane Miles		1752.04	1761.55	1779.15	1781.79	1785.04	1796.14	1805.27	1818.55	1834.75
Average Surface Year	1982	1994	1995	1996	1996	1997	1998	1998	1999	199
Average Curb Rating	6.86	7.28	7.30	7.36	7.43	7.41	7.38	7.43	7.40	7.41
Average Pavement Rating	6.53	6.64	6.63	6.59	6.77	6.47	6.67	6.99	7.08	7.13

All Streets by Class	2001	2015	2016	2017	2018	2019	2020	2021	2022	2023
Arterial Streets										
Total Miles	75.21	95.16	95.82	99.50	96.29	95.67	96.06	95.97	95.97	95.74
Total Lane Miles		325.74	327.56	334.92	326.95	324.86	325.73	325.51	325.54	324.12
Average Surface Year	1986	2002	2003	2003	2004	2005	2005	2006	2006	2007
Average Curb Rating	7.64	7.60	7.58	7.68	7.71	7.68	7.61	7.69	7.60	7.58
Average Pavement Rating	6.85	6.90	6.95	6.79	7.02	6.57	6.78	7.11	7.08	7.16
Collector Streets										
Total Miles	153.99	169.38	169.68	171.83	172.55	171.88	173.30	173.57	174.29	173.44
Total Lane Miles		380.66	380.91	385.96	387.48	387.33	390.18	390.72	392.98	391.05
Average Surface Year	1987	2001	2002	2002	2002	2003	2003	2004	2004	2004
Average Curb Rating	7.05	7.60	7.63	7.64	7.70	7.68	7.58	7.60	7.50	7.57
Average Pavement Rating	6.80	6.84	6.82	6.68	6.84	6.52	6.67	6.95	7.03	7.12
Local Streets										
Total Miles	453.18	520.24	524.45	526.81	531.57	534.61	538.40	543.03	548.53	558.56
Total Lane Miles		1045.64	1053.08	1058.27	1067.36	1072.85	1080.23	1089.04	1100.03	1119.58
Average Surface Year	1980	1992	1992	1993	1994	1994	1995	1995	1996	1996
Average Curb Rating	6.67	7.12	7.14	7.20	7.29	7.28	7.28	7.33	7.33	7.33
Average Pavement Rating	6.39	6.53	6.51	6.52	6.70	6.44	6.65	6.99	7.09	7.14

Street Construction and Maint.	2001	2015	2016	2017	2018	2019	2020	2021	2022	2023
New Street Construction (miles)	11.31	4.74	3.33	4.35	4.81	4.54	4.41	4.47	4.83	6.68
Annexed Streets										
Full Street Annexed (miles)	2.42	2.81	0.00	0.10	0.17	0.16	3.01	0.00	9.70	0.76
Half Street Annexed (miles) *	5.16	1.52	0.81	0.25	0.48	0.21	1.80	0.62	5.86	1.69
Vacated Streets										
With Improved Roadway (miles)	0.17	0.05	0.00	0.18	0.38	0.00	0.08	0.05	0.02	0.00
Without Improved Roadway (miles)	0.46	5.79	0.00	0.48	1.31	0.80	0.15	0.28	0.61	0.24
Detached Streets										
Full Street		0.06	0.00	0.00	0.00	0.00	0.00		0.05	0.00
Reconstructed Streets (miles)	5.74	6.82	3.24	5.39	4.29	7.13	3.17	2.71	2.29	3.99
Resurfaced Streets (miles)	8.14	11.09	6.05	6.65	7.37	13.35	5.03	4.71	3.75	1.02
Concrete Pavement Rehab Streets (miles)	1.65	0.00	0.00	0.00	0.00	1.61	0.00	0.00	0.00	0.00
Crack Filled Streets (miles)	64.71	130.31	105.99	45.93	40.17	89.49	86.09	58.90	40.37	73.60
Seal Coated Streets (miles)		45.75	28.56	52.24	55.10	77.21	82.31	140.77	107.09	96.32
With Curb and Gutter		40.66	24.95	47.54	50.18	73.66	78.06	135.49	103.30	93.68
Without Curb and Gutter		5.09	3.61	4.70	4.92	3.55	4.25	5.28	3.79	2.64

Summary Condition Analysis Arterial, Collector and Local Streets

Arterial, Collector and Local	2001	2015	2016	2017	2018	2019	2020	2021	2022	2023
Total Miles	668.25	784.87	790.07	798.39	801.03	802.49	807.76	814.39	818.79	829.88
Miles Condition State 10	36.83	18.19	16.92	25.51	42.09	32.19	21.93	35.60	42.69	35.10
Miles Condition State 9	45.36	33.65	29.69	22.83	22.85	24.94	30.20	30.04	26.68	32.31
Miles Condition State 8	151.97	246.23	288.38	264.94	320.68	116.17	249.85	370.01	381.72	415.90
Miles Condition State 7	51.81	167.25	118.12	129.40	70.21	273.17	170.22	91.10	112.75	96.64
Miles Condition State 6	168.04	126.26	127.43	143.52	146.65	150.98	144.95	124.39	102.61	109.42
Miles Condition State 5	152.10	80.18	87.64	89.85	89.28	99.86	91.82	79.32	69.57	62.99
Miles Condition State 4	50.44	92.03	99.95	96.15	86.00	85.56	80.83	68.44	71.30	63.71
Miles Condition State 3	7.28	20.48	21.14	25.09	22.02	18.78	16.45	13.38	11.33	10.84
Miles Condition State 2	0.40	0.52	0.69	0.84	0.67	0.52	1.33	0.29	0.14	0.68

Miles Condition State 1	1.79	0.00	0.00	0.00	0.00	0.00	0.18	0.00	0.00	0.17
Miles Condition State 0	2.25	0.09	0.12	0.25	0.57	0.34	0.00	1.81	0.00	2.13
Arterial	2001	2015	2016	2017	2018	2019	2020	2021	2022	2023
Total Miles	74.71	95.16	95.82	99.49	96.29	95.67	96.05	95.97	95.99	95.74
Miles Condition State 10	1.28	1.95	2.00	2.19	4.75	4.66	2.51	5.97	6.68	6.25
Miles Condition State 9	8.41	7.79	7.91	4.17	4.17	2.16	5.34	5.34	4.82	3.56
Miles Condition State 8	21.35	31.71	41.75	39.65	46.40	13.32	32.62	41.25	35.45	41.11
Miles Condition State 7	9.09	17.70	6.92	15.85	5.84	36.66	17.26	10.88	18.22	14.23
Miles Condition State 6	17.13	18.46	15.23	11.47	11.46	14.36	13.55	12.16	10.55	13.72
Miles Condition State 5	15.93	10.75	14.81	17.38	17.05	16.30	16.91	14.59	14.07	12.34
Miles Condition State 4	1.14	4.49	5.02	6.34	5.08	7.15	6.69	5.16	5.88	4.44
Miles Condition State 3	0.00	2.31	2.18	2.44	1.54	1.06	1.08	0.62	0.32	0.09
Miles Condition State 2	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.00	0.00	0.00
Miles Condition State 1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Miles Condition State 0	0.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Collector	2001	2015	2016	2017	2018	2019	2020	2021	2022	2023
Total Miles	144.53	169.39	169.67	171.87	172.92	172.21	173.28	174.08	174.29	174.06
Miles Condition State 10	8.37	6.15	4.92	5.64	8.39	6.74	5.20	6.08	7.24	7.59
Miles Condition State 9	11.73	9.43	6.82	6.34	6.32	5.59	3.49	3.45	2.78	2.26
Miles Condition State 8	40.23	54.21	70.16	54.21	66.45	25.63	53.02	81.22	79.55	88.06
Miles Condition State 7	13.96	33.49	17.53	29.52	17.30	54.10	35.43	18.91	28.58	19.43
Miles Condition State 6	30.09	34.10	31.68	36.51	37.56	37.07	37.05	28.31	26.71	30.34
Miles Condition State 5	31.47	16.57	22.52	22.05	20.49	28.56	25.09	22.22	15.38	14.94
Miles Condition State 4	8.28	10.47	11.35	12.10	11.27	11.49	11.17	10.74	11.60	9.18
Miles Condition State 3	0.34	4.97	4.69	5.47	4.77	2.69	2.79	2.62	2.45	1.64
Miles Condition State 2	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00
Miles Condition State 1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Miles Condition State 0	0.07	0.00	0.00	0.03	0.37	0.34	0.00	0.53	0.00	0.62
Local	2001	2015	2016	2017	2018	2019	2020	2021	2022	2023

Total Miles	449.01	520.33	524.57	527.03	531.81	534.62	538.40	544.33	548.54	560.07
Miles Condition State 10	27.18	10.08	10.00	17.68	28.95	20.79	14.20	23.55	28.78	21.27
Miles Condition State 9	25.22	16.43	14.96	12.31	12.36	17.19	21.37	21.25	19.09	26.49
Miles Condition State 8	90.39	160.31	176.47	171.08	207.83	77.21	164.20	247.54	266.72	286.73
Miles Condition State 7	28.76	116.06	93.67	84.03	47.07	182.41	117.54	61.31	65.95	62.97
Miles Condition State 6	120.82	73.70	80.51	95.53	97.63	99.55	94.35	83.92	65.35	65.36
Miles Condition State 5	104.70	52.86	50.31	50.43	51.73	55.00	49.82	42.51	40.13	35.70
Miles Condition State 4	41.02	77.07	83.58	77.72	69.65	66.92	62.96	52.54	53.82	50.09
Miles Condition State 3	6.94	13.21	14.26	17.18	15.72	15.03	12.57	10.14	8.56	9.11
Miles Condition State 2	0.40	0.52	0.69	0.84	0.67	0.52	1.21	0.29	0.14	0.68
Miles Condition State 1	1.79	0.00	0.00	0.00	0.00	0.00	0.18	0.00	0.00	0.16
Miles Condition State 0	1.82	0.09	0.12	0.23	0.20	0.00	0.00	1.28	0.00	1.51

Arterial, Collector and Local	2001	2015	2016	2017	2018	2019	2020	2021	2022	2023
Miles at or below Cond State 10	668.27	784.87	790.07	798.39	801.03	802.49	807.76	814.39	818.79	829.88
Miles at or below Cond State 9	631.44	766.69	773.15	772.88	758.94	770.30	785.83	778.79	776.10	794.78
Miles at or below Cond State 8	586.08	733.04	743.46	750.05	736.09	745.36	755.63	748.74	749.42	762.47
Miles at or below Cond State 7	434.11	486.80	455.08	485.12	415.41	629.20	505.79	378.74	367.70	346.57
Miles at or below Cond State 6	382.30	319.56	336.96	355.71	345.20	356.03	335.57	287.63	254.95	249.93
Miles at or below Cond State 5	214.26	193.30	209.53	212.19	198.55	205.05	190.62	163.24	152.34	140.52
Miles at or below Cond State 4	62.16	113.12	121.90	122.34	109.26	105.20	98.80	83.92	82.77	77.53
Miles at or below Cond State 3	11.72	21.09	21.95	26.19	23.26	19.64	17.97	15.48	11.47	13.82
Miles at or below Cond State 2	4.44	0.61	0.81	1.10	1.24	0.86	1.52	2.10	0.14	2.98
Miles at or below Cond State 1	4.04	0.09	0.12	0.25	0.57	0.34	0.19	1.81	0.00	2.30
Miles at or below Cond State 0	2.25	0.09	0.12	0.25	0.57	0.34	0.00	1.81	0.00	2.13

Arterial, Collector and Local	2001	2015	2016	2017	2018	2019	2020	2021	2022	2023
% Miles at or below Cond State 10	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
% Miles at or below Cond State 9	94.5%	97.7%	97.9%	96.8%	94.7%	96.0%	97.3%	95.6%	94.8%	95.8%
% Miles at or below Cond State 8	87.7%	93.4%	94.1%	93.9%	91.9%	92.9%	93.5%	91.9%	91.5%	91.9%
% Miles at or below Cond State 7	65.0%	62.0%	57.6%	60.8%	51.9%	78.4%	62.6%	46.5%	44.9%	41.8%
% Miles at or below Cond State 6	57.2%	40.7%	42.6%	44.6%	43.1%	44.4%	41.5%	35.3%	31.1%	30.1%

Goal	26%	% Miles at or below Cond State 5	32.1%	24.6%	26.5%	26.6%	24.8%	25.6%	23.6%	20.0%	18.6%	16.9%
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% Miles at or below Cond State 4	9.3%	14.4%	15.4%	15.3%	13.6%	13.1%	12.2%	10.3%	10.1%	9.3%
% Miles at or below Cond State 3	1.8%	2.7%	2.8%	3.3%	2.9%	2.4%	2.2%	1.9%	1.4%	1.7%
% Miles at or below Cond State 2	0.7%	0.1%	0.1%	0.1%	0.2%	0.1%	0.2%	0.3%	0.0%	0.4%
% Miles at or below Cond State 1	0.6%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.2%	0.0%	0.3%
% Miles at or below Cond State 0	0.3%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.2%	0.0%	0.3%

Arterial	2001	2015	2016	2017	2018	2019	2020	2021	2022	2023
Miles at or below Cond State 10	74.69	95.16	95.82	99.49	96.29	95.67	96.05	95.97	95.99	95.74
Miles at or below Cond State 9	73.41	93.21	93.82	97.30	91.54	91.01	93.54	90.00	89.31	89.49
Miles at or below Cond State 8	65.00	85.42	85.91	93.13	87.37	88.85	88.20	84.66	84.49	85.93
Miles at or below Cond State 7	43.65	53.71	44.16	53.48	40.97	75.53	55.58	43.41	49.04	44.82
Miles at or below Cond State 6	34.56	36.01	37.24	37.63	35.13	38.87	38.32	32.53	30.82	30.59
Miles at or below Cond State 5	17.43	17.55	22.01	26.16	23.67	24.51	24.77	20.37	20.27	16.87
Miles at or below Cond State 4	1.50	6.80	7.20	8.78	6.62	8.21	7.86	5.78	6.20	4.53
Miles at or below Cond State 3	0.36	2.31	2.18	2.44	1.54	1.06	1.17	0.62	0.32	0.09
Miles at or below Cond State 2	0.36	0.00	0.00	0.00	0.00	0.00	0.09	0.00	0.00	0.00
Miles at or below Cond State 1	0.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Miles at or below Cond State 0	0.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Arterial	2001	2015	2016	2017	2018	2019	2020	2021	2022	2023
% Miles at or below Cond State 10	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
% Miles at or below Cond State 9	98.3%	98.0%	97.9%	97.8%	95.1%	95.1%	97.4%	93.8%	93.0%	93.5%
% Miles at or below Cond State 8	87.0%	89.8%	89.7%	93.6%	90.7%	92.9%	91.8%	88.2%	88.0%	89.8%
% Miles at or below Cond State 7	58.4%	56.4%	46.1%	53.8%	42.5%	78.9%	57.9%	45.2%	51.1%	46.8%
% Miles at or below Cond State 6	46.3%	37.8%	38.9%	37.8%	36.5%	40.6%	39.9%	33.9%	32.1%	32.0%
% Miles at or below Cond State 5	23.3%	18.4%	23.0%	26.3%	24.6%	25.6%	25.8%	21.2%	21.1%	17.6%
% Miles at or below Cond State 4	2.0%	7.1%	7.5%	8.8%	6.9%	8.6%	8.2%	6.0%	6.5%	4.7%
% Miles at or below Cond State 3	0.5%	2.4%	2.3%	2.5%	1.6%	1.1%	1.2%	0.6%	0.3%	0.1%
% Miles at or below Cond State 2	0.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%
% Miles at or below Cond State 1	0.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
% Miles at or below Cond State 0	0.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

Collector	2001	2015	2016	2017	2018	2019	2020	2021	2022	2023
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Miles at or below Cond State 10	144.54	169.39	169.67	171.87	172.92	172.21	173.28	174.08	174.29	174.06
Miles at or below Cond State 9	136.17	163.24	164.75	166.23	164.53	165.47	168.08	168.00	167.05	166.47
Miles at or below Cond State 8	124.44	153.81	157.93	159.89	158.21	159.88	164.59	164.55	164.27	164.21
Miles at or below Cond State 7	84.21	99.60	87.77	105.68	91.76	134.25	111.57	83.33	84.72	76.15
Miles at or below Cond State 6	70.25	66.11	70.24	76.16	74.46	80.15	76.14	64.42	56.14	56.72
Miles at or below Cond State 5	40.16	32.01	38.56	39.65	36.90	43.08	39.09	36.11	29.43	26.38
Miles at or below Cond State 4	8.69	15.44	16.04	17.60	16.41	14.52	14.00	13.89	14.05	11.44
Miles at or below Cond State 3	0.41	4.97	4.69	5.50	5.14	3.03	2.83	3.15	2.45	2.26
Miles at or below Cond State 2	0.07	0.00	0.00	0.03	0.37	0.34	0.04	0.53	0.00	0.62
Miles at or below Cond State 1	0.07	0.00	0.00	0.03	0.37	0.34	0.00	0.53	0.00	0.62
Miles at or below Cond State 0	0.07	0.00	0.00	0.03	0.37	0.34	0.00	0.53	0.00	0.62

Collector	2001	2015	2016	2017	2018	2019	2020	2021	2022	2023
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	% Miles at or below Cond State 10	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
	% Miles at or below Cond State 9	94.2%	96.4%	97.1%	96.7%	95.1%	96.1%	97.0%	96.5%	95.6%
	% Miles at or below Cond State 8	86.1%	90.8%	93.1%	93.0%	91.5%	92.8%	95.0%	94.5%	94.3%
	% Miles at or below Cond State 7	58.3%	58.8%	51.7%	61.5%	53.1%	78.0%	64.4%	47.9%	48.6%
	% Miles at or below Cond State 6	48.6%	39.0%	41.4%	44.3%	43.1%	46.5%	43.9%	37.0%	32.2%
Goal 25%	% Miles at or below Cond State 5	27.8%	18.9%	22.7%	23.1%	21.3%	25.0%	22.6%	20.7%	15.2%
Goal 10%	% Miles at or below Cond State 4	6.0%	9.1%	9.5%	10.2%	9.5%	8.4%	8.1%	8.0%	6.6%
Goal 0%	% Miles at or below Cond State 3	0.3%	2.9%	2.8%	3.2%	3.0%	1.8%	1.6%	1.8%	1.4%
	% Miles at or below Cond State 2	0.0%	0.0%	0.0%	0.0%	0.2%	0.2%	0.0%	0.3%	0.0%
	% Miles at or below Cond State 1	0.0%	0.0%	0.0%	0.0%	0.2%	0.2%	0.0%	0.3%	0.0%
	% Miles at or below Cond State 0	0.0%	0.0%	0.0%	0.0%	0.2%	0.2%	0.0%	0.3%	0.0%

Local	2001	2015	2016	2017	2018	2019	2020	2021	2022	2023
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Miles at or below Cond State 10	449.04	520.33	524.57	527.03	531.81	534.62	538.40	544.33	548.54	560.07
Miles at or below Cond State 9	421.86	510.25	514.57	509.35	502.86	513.83	524.20	520.78	519.76	538.80
Miles at or below Cond State 8	396.64	493.82	499.61	497.04	490.50	496.64	502.83	499.53	500.67	512.31
Miles at or below Cond State 7	306.25	333.51	323.14	325.96	282.67	419.43	338.63	251.99	233.95	225.58
Miles at or below Cond State 6	277.49	217.45	229.47	241.93	235.60	237.02	221.09	190.68	168.00	162.61
Miles at or below Cond State 5	156.67	143.75	148.96	146.40	137.97	137.47	126.74	106.76	102.65	97.25

	Miles at or below Cond State 4	51.97	90.89	98.65	95.97	86.24	82.47	76.92	64.25	62.52	61.55
	Miles at or below Cond State 3	10.95	13.82	15.07	18.25	16.59	15.55	13.96	11.71	8.70	11.46
	Miles at or below Cond State 2	4.01	0.61	0.81	1.07	0.87	0.52	1.39	1.57	0.14	2.35
	Miles at or below Cond State 1	3.61	0.09	0.12	0.23	0.20	0.00	0.18	1.28	0.00	1.67
	Miles at or below Cond State 0	1.82	0.09	0.12	0.23	0.20	0.00	0.00	1.28	0.00	1.51
	Local	2001	2015	2016	2017	2018	2019	2020	2021	2022	2023
	% Miles at or below Cond State 10	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
	% Miles at or below Cond State 9	93.9%	98.1%	98.1%	96.6%	94.6%	96.1%	97.4%	95.7%	94.8%	96.2%
	% Miles at or below Cond State 8	88.3%	94.9%	95.2%	94.3%	92.2%	92.9%	93.4%	91.8%	91.3%	91.5%
	% Miles at or below Cond State 7	68.2%	64.1%	61.6%	61.8%	53.2%	78.5%	62.9%	46.3%	42.6%	40.3%
	% Miles at or below Cond State 6	61.8%	41.8%	43.7%	45.9%	44.3%	44.3%	41.1%	35.0%	30.6%	29.0%
Goal 30%	% Miles at or below Cond State 5	34.9%	27.6%	28.4%	27.8%	25.9%	25.7%	23.5%	19.6%	18.7%	17.4%
Goal 15%	% Miles at or below Cond State 4	11.6%	17.5%	18.8%	18.2%	16.2%	15.4%	14.3%	11.8%	11.4%	11.0%
Goal 0%	% Miles at or below Cond State 3	2.4%	2.7%	2.9%	3.5%	3.1%	2.9%	2.6%	2.2%	1.6%	2.0%
	% Miles at or below Cond State 2	0.9%	0.1%	0.2%	0.2%	0.2%	0.1%	0.3%	0.3%	0.0%	0.4%
	% Miles at or below Cond State 1	0.8%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%	0.3%
	% Miles at or below Cond State 0	0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%	0.3%

Arterial Street Condition Analysis

With Curb and Gutter

Concrete Pavement	2001	2015	2016	2017	2018	2019	2020	2021	2022	2023
Total Miles	22.01	21.63	21.63	21.56	21.27	20.59	20.75	20.19	20.38	19.49
Miles Condition State 10	0.31	1.28	0.71	0.54	0.54	0.06	0.27	0.46	0.46	0.90
Miles Condition State 9	2.57	5.12	4.70	1.20	1.23	1.62	1.43	1.35	1.63	1.63
Miles Condition State 8	1.92	6.23	7.45	10.01	10.10	8.43	8.03	7.90	7.73	7.70
Miles Condition State 7	4.25	1.39	1.21	2.08	1.99	3.71	3.93	3.93	4.01	3.89
Miles Condition State 6	6.29	2.93	2.76	1.58	1.58	1.57	1.49	1.43	1.82	2.44
Miles Condition State 5	6.00	3.07	2.89	3.51	3.18	2.81	3.19	3.16	2.83	1.33
Miles Condition State 4	0.30	0.53	1.08	1.81	1.81	1.61	1.65	1.65	1.59	1.52

Miles Condition State 3		1.09	0.83	0.83	0.83	0.78	0.78	0.31	0.32	0.09
Miles Condition State 2		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Miles Condition State 1		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Miles Condition State 0	0.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Asphalt Pavement	2001	2015	2016	2017	2018	2019	2020	2021	2022	2023
Total Miles	50.40	66.47	66.59	70.34	67.42	65.42	67.85	63.43	55.51	56.55
Miles Condition State 10	0.27	0.67	1.29	1.65	4.21	2.03	2.04	3.50	3.51	3.28
Miles Condition State 9	5.84	2.50	3.21	2.97	2.94	0.53	3.73	3.81	1.90	1.08
Miles Condition State 8	19.21	23.06	31.71	27.06	33.72	4.41	24.60	30.66	22.73	25.99
Miles Condition State 7	4.80	14.84	4.24	12.41	2.48	30.40	10.25	4.84	10.24	7.43
Miles Condition State 6	10.19	14.81	11.93	9.90	9.88	12.02	11.70	8.45	7.01	9.01
Miles Condition State 5	9.24	7.07	11.27	12.57	12.57	12.54	12.27	9.97	7.77	7.65
Miles Condition State 4	0.84	2.59	1.89	2.48	1.21	3.22	2.87	1.90	2.34	2.11
Miles Condition State 3		0.91	1.05	1.30	0.40	0.26	0.31	0.31	0.00	0.00
Miles Condition State 2		0.00	0.00	0.00	0.00	0.00	0.09	0.00	0.00	0.00
Miles Condition State 1		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Miles Condition State 0		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Arterial Street Condition Analysis (Cont)

Without curb and gutter

Concrete Pavement	2001	2015	2016	2017	2018	2019	2020	2021	2022	2023
Total Miles	0.70	1.36	1.36	1.36	1.36	1.36	1.53	1.53	1.53	1.53
Miles Condition State 10	0.70			0.00	0.00	0.00	0.17	0.17	0.17	0.17
Miles Condition State 9				0.00	0.00	0.00	0.00	0.00	0.00	0.00
Miles Condition State 8				0.00	0.00	0.00	0.00	0.00	0.00	0.00
Miles Condition State 7		1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.36
Miles Condition State 6				0.00	0.00	0.00	0.00	0.00	0.00	0.00
Miles Condition State 5				0.00	0.00	0.00	0.00	0.00	0.00	0.00
Miles Condition State 4				0.00	0.00	0.00	0.00	0.00	0.00	0.00
Miles Condition State 3				0.00	0.00	0.00	0.00	0.00	0.00	0.00

Miles Condition State 2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Miles Condition State 1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Miles Condition State 0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Asphalt Pavement	2001	2015	2016	2017	2018	2019	2020	2021	2022	2023
Total Miles	0.42	5.15	5.15	5.15	5.15	4.95	5.39	5.39	4.83	4.83
Miles Condition State 10				0.00	0.00	0.00	0.04	0.16	0.16	0.00
Miles Condition State 9		0.17		0.00	0.00	0.00	0.19	0.19	0.00	0.15
Miles Condition State 8	0.17	2.42	2.59	2.59	2.59	0.48	0.00	1.33	0.85	1.83
Miles Condition State 7	0.04	0.11	0.11	0.00	0.00	1.18	1.72	0.75	0.96	0.00
Miles Condition State 6	0.07	0.51		0.00	0.00	0.76	0.36	0.56	0.83	0.93
Miles Condition State 5	0.14	0.61	0.44	0.54	0.54	0.42	0.91	0.79	0.79	1.48
Miles Condition State 4		1.35	2.02	2.02	2.02	2.11	2.17	1.61	1.24	0.44
Miles Condition State 3				0.00	0.00	0.00	0.00	0.00	0.00	0.00
Miles Condition State 2				0.00	0.00	0.00	0.00	0.00	0.00	0.00
Miles Condition State 1				0.00	0.00	0.00	0.00	0.00	0.00	0.00
Miles Condition State 0				0.00	0.00	0.00	0.00	0.00	0.00	0.00

Arterial Street Condition Analysis (Cont)

Without curb and gutter (Cont)

Seal Coat Pavement	2001	2015	2016	2017	2018	2019	2020	2021	2022	2023
Total Miles	1.18	0.55	0.55	0.00	0.55	0.24	0.00	0.00	0.38	0.38
Miles Condition State 10				0.00	0.00	0.00	0.00	0.00	0.00	0.00
Miles Condition State 9				0.00	0.00	0.00	0.00	0.00	0.00	0.00
Miles Condition State 8	0.05			0.00	0.00	0.00	0.00	0.00	0.00	0.00
Miles Condition State 7				0.00	0.00	0.00	0.00	0.00	0.00	0.00
Miles Condition State 6	0.58	0.21		0.00	0.00	0.00	0.00	0.00	0.00	0.00
Miles Condition State 5	0.55		0.21	0.00	0.21	0.00	0.00	0.00	0.00	0.00
Miles Condition State 4		0.02	0.02	0.00	0.02	0.21	0.00	0.00	0.38	0.38
Miles Condition State 3		0.31	0.31	0.00	0.31	0.02	0.00	0.00	0.00	0.00
Miles Condition State 2				0.00	0.00	0.00	0.00	0.00	0.00	0.00

Miles Condition State 1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Miles Condition State 0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Collector Street Condition Analysis

With Serviceable Curb and Gutter

Concrete Pavement	2001	2015	2016	2017	2018	2019	2020	2021	2022	2023
Total Miles	1.01	1.70	1.70	1.70	1.70	1.70	2.00	2.33	2.48	2.50
Miles Condition State 10	0.13	0.07	0.07	0.00	0.00	0.00	0.00	0.00	0.10	0.00
Miles Condition State 9	0.32	0.05	0.05	0.09	0.09	0.00	0.00	0.09	0.09	0.19
Miles Condition State 8	0.19	0.12	0.08	0.08	0.11	0.14	0.21	0.43	0.42	0.16
Miles Condition State 7	0.17	1.08	0.67	0.70	0.67	0.73	0.94	0.94	1.03	1.18
Miles Condition State 6	0.08	0.12	0.58	0.58	0.58	0.58	0.58	0.66	0.63	0.71
Miles Condition State 5	0.12	0.18	0.18	0.18	0.18	0.09	0.11	0.05	0.05	0.17
Miles Condition State 4		0.07	0.07	0.07	0.07	0.16	0.16	0.16	0.16	0.09
Miles Condition State 3				0.00	0.00	0.00	0.00	0.00	0.00	0.00
Miles Condition State 2				0.00	0.00	0.00	0.00	0.00	0.00	0.00
Miles Condition State 1				0.00	0.00	0.00	0.00	0.00	0.00	0.00
Miles Condition State 0				0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other than Concrete	2001	2015	2016	2017	2018	2019	2020	2021	2022	2023
Total Miles	120.52	152.97	154.27	155.91	156.63	156.82	157.33	158.62	157.49	157.56
Miles Condition State 10	7.76	5.72	4.68	5.64	7.64	6.74	5.22	6.08	7.14	7.59
Miles Condition State 9	9.83	8.82	6.59	6.19	6.17	5.59	3.49	3.37	2.69	2.07
Miles Condition State 8	37.52	50.27	67.14	52.49	64.29	23.16	50.80	76.64	73.91	81.88
Miles Condition State 7	12.22	31.46	15.12	26.25	14.47	51.40	32.61	17.18	26.75	17.09
Miles Condition State 6	26.98	33.07	30.36	34.38	35.43	34.04	33.80	26.26	24.36	28.59
Miles Condition State 5	22.19	14.74	21.54	20.78	19.26	26.75	22.69	20.42	13.58	12.92
Miles Condition State 4	3.89	7.70	7.37	7.62	7.01	7.97	7.55	7.49	8.06	6.59
Miles Condition State 3	0.06	1.19	1.47	2.53	2.34	1.16	1.14	1.17	1.00	0.83
Miles Condition State 2				0.00	0.00	0.00	0.04	0.00	0.00	0.00

Miles Condition State 1		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Miles Condition State 0	0.07	0.03	0.03	0.00	0.00	0.00	0.00	0.00	0.00

Collector Street Condition Analysis (Cont)

With unserviceable curb and gutter (Designated as a Recon. Project)

Concrete Pavement	2001	2015	2016	2017	2018	2019	2020	2021	2022	2023
Total Miles	0.09	0.06	0.06	0.06	0.06	0.00	0.00	0.00	0.03	0.00
Miles Condition State 10				0.00	0.00	0.00	0.00	0.00	0.00	0.00
Miles Condition State 9				0.00	0.00	0.00	0.00	0.00	0.00	0.00
Miles Condition State 8				0.00	0.00	0.00	0.00	0.00	0.00	0.00
Miles Condition State 7	0.09			0.00	0.00	0.00	0.00	0.00	0.00	0.00
Miles Condition State 6				0.00	0.00	0.00	0.00	0.00	0.00	0.00
Miles Condition State 5				0.00	0.00	0.00	0.00	0.00	0.03	0.00
Miles Condition State 4				0.00	0.00	0.00	0.00	0.00	0.00	0.00
Miles Condition State 3		0.06	0.06	0.06	0.06	0.00	0.00	0.00	0.00	0.00
Miles Condition State 2				0.00	0.00	0.00	0.00	0.00	0.00	0.00
Miles Condition State 1				0.00	0.00	0.00	0.00	0.00	0.00	0.00
Miles Condition State 0				0.00	0.00	0.00	0.00	0.00	0.00	0.00
Asphalt Pavement (other)	2001	2015	2016	2017	2018	2019	2020	2021	2022	2023
Total Miles	6.04	1.16	1.03	1.25	1.25	1.26	1.53	0.00	1.46	0.60
Miles Condition State 10				0.00	0.00	0.00	0.00	0.00	0.00	0.00
Miles Condition State 9				0.00	0.00	0.00	0.00	0.00	0.00	0.00
Miles Condition State 8				0.00	0.00	0.00	0.00	0.00	0.00	0.00
Miles Condition State 7	0.06			0.00	0.00	0.00	0.00	0.00	0.00	0.00
Miles Condition State 6	1.81	0.25	0.25	0.47	0.47	0.47	0.47	0.00	0.47	0.00
Miles Condition State 5	2.31	0.37	0.31	0.31	0.31	0.43	0.80	0.00	0.73	0.43
Miles Condition State 4	1.58	0.48	0.41	0.41	0.41	0.37	0.26	0.00	0.26	0.16
Miles Condition State 3	0.28	0.06	0.06	0.06	0.06	0.00	0.00	0.00	0.00	0.00
Miles Condition State 2				0.00	0.00	0.00	0.00	0.00	0.00	0.00
Miles Condition State 1				0.00	0.00	0.00	0.00	0.00	0.00	0.00

Miles Condition State 0

Collector Street Condition Analysis (Cont)

Without curb and gutter

Concrete Pavement	2001	2015	2016	2017	2018	2019	2020	2021	2022	2023
Total Miles	0.25	0.05	0.05	0.05	0.05	0.05	0.05	0.00	0.00	0.00
Miles Condition State 10				0.00	0.00	0.00	0.00	0.00	0.00	0.00
Miles Condition State 9				0.00	0.00	0.00	0.00	0.00	0.00	0.00
Miles Condition State 8				0.00	0.00	0.00	0.00	0.00	0.00	0.00
Miles Condition State 7	0.13			0.00	0.00	0.00	0.00	0.00	0.00	0.00
Miles Condition State 6		0.05	0.05	0.05	0.05	0.05	0.05	0.00	0.00	0.00
Miles Condition State 5	0.12			0.00	0.00	0.00	0.00	0.00	0.00	0.00
Miles Condition State 4				0.00	0.00	0.00	0.00	0.00	0.00	0.00
Miles Condition State 3				0.00	0.00	0.00	0.00	0.00	0.00	0.00
Miles Condition State 2				0.00	0.00	0.00	0.00	0.00	0.00	0.00
Miles Condition State 1				0.00	0.00	0.00	0.00	0.00	0.00	0.00
Miles Condition State 0				0.00	0.00	0.00	0.00	0.00	0.00	0.00
Asphalt Pavement	2001	2015	2016	2017	2018	2019	2020	2021	2022	2023
Total Miles	8.97	7.26	6.80	7.30	8.33	7.94	6.94	6.29	5.87	6.08
Miles Condition State 10	0.41	0.19		0.00	0.75	0.00	0.00	0.00	0.00	0.00
Miles Condition State 9	1.21	0.57	0.17	0.06	0.06	0.00	0.00	0.00	0.00	0.00
Miles Condition State 8	1.92	3.58	2.95	1.64	2.05	2.34	2.01	3.24	3.78	4.36
Miles Condition State 7	0.84	0.74	1.54	2.56	2.16	1.96	1.88	0.79	0.59	0.20
Miles Condition State 6	0.10	0.60	0.20	0.59	0.59	1.72	1.95	1.15	1.25	1.03
Miles Condition State 5	2.73	0.49	0.08	0.08	0.08	0.08	0.69	0.69	0.05	0.40
Miles Condition State 4	1.76	0.04	0.81	1.30	1.30	0.50	0.41	0.41	0.20	0.09
Miles Condition State 3		1.06	1.05	1.05	1.00	1.00	0.00	0.00	0.00	0.00
Miles Condition State 2				0.00	0.00	0.00	0.00	0.00	0.00	0.00
Miles Condition State 1				0.00	0.00	0.00	0.00	0.00	0.00	0.00

Miles Condition State 0	0.00	0.34	0.34	0.00	0.00	0.00	0.00
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Collector Street Condition Analysis (Cont)

Without curb and gutter (Cont)

Seal Coat Pavement	2001	2015	2016	2017	2018	2019	2020	2021	2022	2023
Total Miles	7.54	6.01	5.59	5.59	4.90	4.45	5.45	4.92	0.00	0.00
Miles Condition State 10	0.07			0.00	0.00	0.00	0.00	0.00	0.00	0.00
Miles Condition State 9	0.37			0.00	0.00	0.00	0.00	0.00	0.00	0.00
Miles Condition State 8	0.60	0.24		0.00	0.00	0.00	0.00	0.00	0.00	0.00
Miles Condition State 7	0.45	0.20	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Miles Condition State 6	1.12		0.24	0.44	0.44	0.20	0.20	0.24	0.00	0.00
Miles Condition State 5	4.00	0.79	0.42	0.70	0.68	1.22	0.80	0.56	0.00	0.00
Miles Condition State 4	0.94	2.18	2.69	2.69	2.47	2.50	2.79	2.68	0.00	0.00
Miles Condition State 3		2.59	2.04	1.76	1.31	0.54	1.66	1.45	0.00	0.00
Miles Condition State 2				0.00	0.00	0.00	0.00	0.00	0.00	0.00
Miles Condition State 1				0.00	0.00	0.00	0.00	0.00	0.00	0.00
Miles Condition State 0				0.00	0.00	0.00	0.00	0.00	0.00	0.00

Other	2001	2015	2016	2017	2018	2019	2020	2021	2022	2023
Total Miles	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Miles Condition State 10				0.00	0.00	0.00	0.00	0.00	0.00	0.00
Miles Condition State 9				0.00	0.00	0.00	0.00	0.00	0.00	0.00
Miles Condition State 8				0.00	0.00	0.00	0.00	0.00	0.00	0.00
Miles Condition State 7				0.00	0.00	0.00	0.00	0.00	0.00	0.00
Miles Condition State 6				0.00	0.00	0.00	0.00	0.00	0.00	0.00
Miles Condition State 5				0.00	0.00	0.00	0.00	0.00	0.00	0.00
Miles Condition State 4	0.11			0.00	0.00	0.00	0.00	0.00	0.00	0.00
Miles Condition State 3				0.00	0.00	0.00	0.00	0.00	0.00	0.00
Miles Condition State 2				0.00	0.00	0.00	0.00	0.00	0.00	0.00
Miles Condition State 1				0.00	0.00	0.00	0.00	0.00	0.00	0.00

Miles Condition State 0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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Local Street Condition Analysis

With Serviceable Curb and Gutter

Concrete Pavement	2001	2015	2016	2017	2018	2019	2020	2021	2022	2023
Total Miles	2.90	2.37	2.57	2.03	2.03	2.26	2.40	3.28	2.30	2.93
Miles Condition State 10		0.04	0.35	0.32	0.32	0.00	0.00	0.03	0.03	0.03
Miles Condition State 9	0.61	0.17	0.17	0.17	0.17	0.41	0.34	0.58	0.66	0.66
Miles Condition State 8	1.07	0.48	0.68	0.68	0.73	0.21	0.39	0.37	0.27	0.27
Miles Condition State 7	0.82	0.34	0.22	0.27	0.22	0.68	0.65	0.65	0.77	0.77
Miles Condition State 6	0.19	0.67	0.78	0.43	0.43	0.85	0.73	0.40	0.31	0.31
Miles Condition State 5	0.13	0.67	0.36	0.16	0.16	0.10	0.10	0.79	0.07	0.85
Miles Condition State 4	0.06			0.00	0.00	0.00	0.19	0.46	0.19	0.05
Miles Condition State 3				0.00	0.00	0.00	0.00	0.00	0.00	0.00
Miles Condition State 2				0.00	0.00	0.00	0.00	0.00	0.00	0.00
Miles Condition State 1				0.00	0.00	0.00	0.00	0.00	0.00	0.00
Miles Condition State 0	0.03			0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other then Concrete	2001	2015	2016	2017	2018	2019	2020	2021	2022	2023
Total Miles	345.72	445.20	449.60	455.61	461.93	466.61	471.54	484.92	483.22	489.68
Miles Condition State 10	27.18	9.89	9.50	17.36	27.86	20.79	13.43	22.74	28.00	20.86
Miles Condition State 9	24.03	15.84	14.48	11.83	11.88	16.72	20.80	20.50	17.91	23.56
Miles Condition State 8	85.93	158.27	173.49	168.23	204.65	75.90	162.06	244.26	262.48	281.11
Miles Condition State 7	25.72	114.70	92.85	83.10	46.47	180.25	115.94	60.21	64.79	61.15
Miles Condition State 6	98.88	70.26	76.51	92.08	94.42	96.13	90.91	81.55	63.75	62.44
Miles Condition State 5	66.55	34.58	39.01	36.88	33.75	41.43	35.39	26.70	23.63	18.79
Miles Condition State 4	16.29	37.20	37.61	38.00	35.30	28.70	27.40	23.92	19.80	18.17
Miles Condition State 3	0.25	4.46	6.12	8.10	7.60	6.71	5.14	4.89	2.86	3.59
Miles Condition State 2			0.00	0.00	0.00	0.00	0.29	0.15	0.00	0.00
Miles Condition State 1			0.00	0.00	0.00	0.00	0.18	0.00	0.00	0.00

Miles Condition State 0	0.90	0.03	0.03	0.00	0.00	0.00	0.00	0.00	0.00
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Local Street Condition Analysis (Cont)

With unserviceable curb and gutter (Designated as a Rec. Project)

Concrete Pavement	2001	2015	2016	2017	2018	2019	2020	2021	2022	2023
Total Miles	6.20	2.26	1.99	2.17	1.66	1.37	1.42	0.32	1.03	0.40
Miles Condition State 10				0.00	0.00	0.00	0.00	0.00	0.00	0.00
Miles Condition State 9				0.00	0.00	0.00	0.00	0.00	0.00	0.00
Miles Condition State 8	0.24			0.00	0.00	0.00	0.00	0.00	0.00	0.00
Miles Condition State 7	0.06			0.00	0.00	0.00	0.00	0.00	0.00	0.00
Miles Condition State 6	1.27			0.30	0.30	0.00	0.00	0.00	0.00	0.00
Miles Condition State 5	2.33	0.41	0.41	0.35	0.35	0.79	0.79	0.07	0.65	0.06
Miles Condition State 4	1.85	1.48	1.48	1.42	1.02	0.51	0.57	0.18	0.32	0.27
Miles Condition State 3	0.45	0.37	0.10	0.10	0.00	0.07	0.07	0.07	0.07	0.07
Miles Condition State 2				0.00	0.00	0.00	0.00	0.00	0.00	0.00
Miles Condition State 1				0.00	0.00	0.00	0.00	0.00	0.00	0.00
Miles Condition State 0				0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other then Concrete	2001	2015	2016	2017	2018	2019	2020	2021	2022	2023
Total Miles	31.70	12.27	11.81	10.79	10.46	9.77	8.89	1.39	7.44	5.74
Miles Condition State 10				0.00	0.00	0.00	0.00	0.00	0.00	0.00
Miles Condition State 9				0.00	0.00	0.07	0.07	0.00	0.00	0.00
Miles Condition State 8	0.35			0.00	0.00	0.00	0.03	0.00	0.00	0.00
Miles Condition State 7	0.63			0.00	0.00	0.00	0.00	0.00	0.00	0.00
Miles Condition State 6	8.62	1.86	1.73	1.19	1.19	0.52	0.52	0.00	0.00	0.00
Miles Condition State 5	12.45	3.66	3.42	3.04	3.04	2.76	2.57	0.13	2.26	1.80
Miles Condition State 4	7.31	5.27	5.13	5.12	4.86	4.91	4.24	1.06	4.02	2.83
Miles Condition State 3	2.31	1.47	1.54	1.44	1.37	1.51	1.46	0.20	1.15	1.04
Miles Condition State 2				0.00	0.00	0.00	0.00	0.00	0.00	0.00
Miles Condition State 1	0.03			0.00	0.00	0.00	0.00	0.00	0.00	0.08
Miles Condition State 0				0.00	0.00	0.00	0.00	0.00	0.00	0.00

Local Street Condition Analysis (Continued)

Without curb and gutter

Concrete Pavement	2001	2015	2016	2017	2018	2019	2020	2021	2022	2023
Total Miles	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30
Miles Condition State 10										
Miles Condition State 9										
Miles Condition State 8										
Miles Condition State 7										
Miles Condition State 6	0.02									
Miles Condition State 5	0.19									
Miles Condition State 4	0.09	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30
Miles Condition State 3										
Miles Condition State 2										
Miles Condition State 1										
Miles Condition State 0										
Asphalt Pavement	2001	2015	2016	2017	2018	2019	2020	2021	2022	2023
Total Miles	14.47	6.35	6.44	5.92	6.30	6.27	6.94	7.61	7.32	7.09
Miles Condition State 10		0.15	0.07	0.00	0.76	0.00	0.66	0.66	0.57	0.00
Miles Condition State 9	0.09	0.29	0.22	0.22	0.22	0.00	0.16	0.16	0.52	1.14
Miles Condition State 8	2.33	1.19	1.88	1.62	1.90	0.53	1.58	2.63	3.50	3.32
Miles Condition State 7	0.09	1.02	0.60	0.66	0.38	1.39	0.82	0.45	0.26	0.13
Miles Condition State 6	1.92	0.59	0.62	0.73	0.34	1.03	1.34	1.12	1.30	1.99
Miles Condition State 5	3.21	1.18	1.07	0.76	0.76	0.44	0.32	0.21	0.65	0.27
Miles Condition State 4	4.36	1.38	1.88	1.84	1.84	2.50	1.89	1.65	0.38	0.15
Miles Condition State 3	1.80	0.57	0.10	0.10	0.10	0.39	0.17	0.17	0.14	0.08
Miles Condition State 2	0.18			0.00	0.00	0.00	0.00	0.00	0.00	0.00
Miles Condition State 1	0.13			0.00	0.00	0.00	0.00	0.00	0.00	0.00
Miles Condition State 0	0.37			0.00	0.00	0.00	0.00	0.55	0.00	0.00

Local Street Condition Analysis (Cont)

Without curb and gutter (Cont)

Seal Coat Pavement	2001	2015	2016	2017	2018	2019	2020	2021	2022	2023
Total Miles	45.62	49.73	48.94	47.28	46.25	45.37	44.12	43.41	43.60	0.00
Miles Condition State 10					0.00	0.00	0.00	0.00	0.00	0.00
Miles Condition State 9	0.44				0.00	0.00	0.00	0.00	0.00	0.00
Miles Condition State 8	0.47	0.22	0.22	0.35	0.35	0.38	0.00	0.00	0.00	0.00
Miles Condition State 7	1.44				0.00	0.00	0.00	0.00	0.00	0.00
Miles Condition State 6	9.92	0.33	0.33	0.29	0.41	0.48	0.31	0.31	0.00	0.00
Miles Condition State 5	19.53	12.36	6.03	9.25	13.68	9.48	10.57	14.54	12.34	0.00
Miles Condition State 4	10.87	31.13	37.01	30.85	26.15	29.37	27.79	24.38	27.93	0.00
Miles Condition State 3	2.13	5.17	4.66	5.71	4.97	5.13	4.54	3.62	3.19	0.00
Miles Condition State 2	0.19	0.52	0.69	0.84	0.67	0.52	0.92	0.14	0.14	0.00
Miles Condition State 1	0.31				0.00	0.00	0.00	0.00	0.00	0.00
Miles Condition State 0	0.32				0.00	0.00	0.00	0.43	0.00	0.00
Crushed Stone Pavement	2001	2015	2016	2017	2018	2019	2020	2021	2022	2023
Total Miles	1.58	1.32	1.32	1.32	1.32	1.31	1.31	1.20	1.17	1.09
Miles Condition State 10					0.00	0.00	0.00	0.00	0.00	0.00
Miles Condition State 9					0.00	0.00	0.00	0.00	0.00	0.00
Miles Condition State 8					0.00	0.00	0.00	0.00	0.00	0.00
Miles Condition State 7					0.00	0.00	0.00	0.00	0.00	0.00
Miles Condition State 6					0.00	0.00	0.00	0.00	0.00	0.00
Miles Condition State 5					0.00	0.00	0.07	0.07	0.00	0.03
Miles Condition State 4	0.16	0.31	0.18	0.18	0.18	0.62	0.58	0.58	0.62	0.69
Miles Condition State 3		1.00	1.13	1.13	1.13	0.69	0.66	0.55	0.55	0.36
Miles Condition State 2	0.03				0.00	0.00	0.00	0.00	0.00	0.00
Miles Condition State 1	1.32				0.00	0.00	0.00	0.00	0.00	0.00
Miles Condition State 0	0.07				0.00	0.00	0.00	0.00	0.00	0.00

Local Street Condition Analysis (Cont)

Without curb and gutter (Cont)

Other	2001	2015	2016	2017	2018	2019	2020	2021	2022	2023
Total Miles	0.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Miles Condition State 10				0.00	0.00	0.00	0.00	0.00	0.00	0.00
Miles Condition State 9	0.05			0.00	0.00	0.00	0.00	0.00	0.00	0.00
Miles Condition State 8				0.00	0.00	0.00	0.00	0.00	0.00	0.00
Miles Condition State 7				0.00	0.00	0.00	0.00	0.00	0.00	0.00
Miles Condition State 6				0.00	0.00	0.00	0.00	0.00	0.00	0.00
Miles Condition State 5	0.31			0.00	0.00	0.00	0.00	0.00	0.00	0.00
Miles Condition State 4	0.03			0.00	0.00	0.00	0.00	0.00	0.00	0.00
Miles Condition State 3				0.00	0.00	0.00	0.00	0.00	0.00	0.00
Miles Condition State 2				0.00	0.00	0.00	0.00	0.00	0.00	0.00
Miles Condition State 1				0.00	0.00	0.00	0.00	0.00	0.00	0.00
Miles Condition State 0	0.13			0.00	0.00	0.00	0.00	0.00	0.00	0.00



Jim Wolfe
Executive Secretary