

CONTACTS

CITY OF ROCHESTER HILLS
 ROADS AND PATHWAYS DEPARTMENT
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 OPERATIONS MANAGER
 511 E. AUBURN ROAD
 ROCHESTER HILLS, MICHIGAN 48307
 248-841-2654

CITY OF ROCHESTER HILLS STREET SIGNING
 DEPARTMENT OF PUBLIC SERVICE FACILITY
 JEFF SELLERS
 SIGN SHOP CREW LEADER
 511 E. AUBURN ROAD
 ROCHESTER HILLS, MICHIGAN 48307
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 NOTE: COORDINATE STREET SIGNAGE
 WITH THE CITY'S SIGN SHOP

GAS
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 ERNEST MARTYNIUK
 4600 COOLIDGE HWY.
 ROYAL OAK, MICHIGAN 48073
 248-433-5868
 FOR EMERGENCIES, CALL 1-800-477-5050
 NOTE: GAS FACILITIES SHALL BE PROTECTED AND
 SUPPORTED PER THE FACILITIES OWN STANDARDS

TELECOMMUNICATIONS
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 ANGELA WESSON
 54 N. MILL STREET
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 PATRICK RINEHART
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 FARMINGTON HILLS, MICHIGAN 48335
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CITY OF ROCHESTER HILLS
DEPARTMENT OF PUBLIC SERVICES

OAKLAND COUNTY, MICHIGAN

CITY FILE NO. E23-002

2023 ASPHALT ROAD REHABILITATION PROGRAM
Brooklands Park - South, Adams Pathway (East): Tienken to Dutton,
& Cross Creek Subdivision Speed Humps

GENERAL PROVISIONS

THE IMPROVEMENTS COVERED BY THESE PLANS SHALL BE DONE IN ACCORDANCE WITH THE PROPOSAL AND ACCOMPANYING SPECIFICATIONS FOR THIS PROJECT INCLUDING THE 2020 MICHIGAN DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR CONSTRUCTION.

PLACING OF TRAFFIC CONTROL SIGNS SHALL BE DONE IN ACCORDANCE WITH THE CURRENT VERSION OF THE MICHIGAN MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES. THIS WORK WILL BE DONE PRIOR TO THE START OF THIS PROJECT.

THE LOCATION OF ALL PUBLIC UTILITIES SHOWN ON THESE PLANS IS TAKEN FROM THE BEST AVAILABLE DATA. THE CITY OF ROCHESTER HILLS WILL NOT BE RESPONSIBLE FOR ANY OMISSION OR VARIATIONS FROM THE LOCATIONS SHOWN. PURSUANT TO ACT 174 OF THE PA OF 2013 AS A CONDITION OF THIS CONTRACT, NOTICE SHALL BE GIVEN TO MISS DIG PRIOR TO UNDERGROUND WORK TO BE PERFORMED IN ACCORDANCE WITH THIS CONTRACT. PHONE (800) 482-7171 OR (248) 647-7344 OR 811.

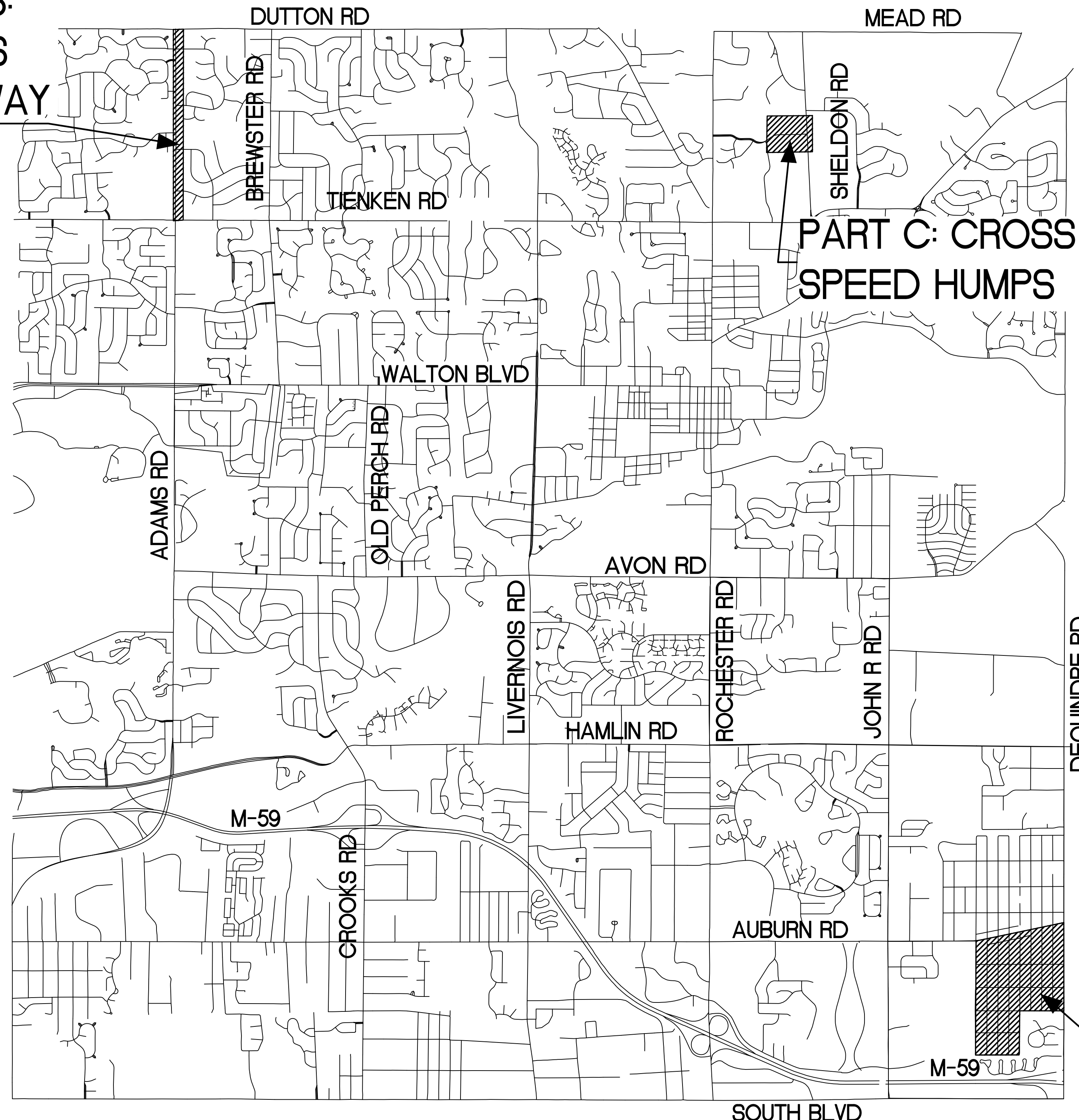


DEPARTMENT OF PUBLIC SERVICES
 1000 ROCHESTER HILLS DRIVE,
 ROCHESTER HILLS, MI 48309
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DPS@ROCHESTERHILLS.ORG

**PART B:
 ADAMS
 PATHWAY**

**PART C: CROSS CREEK
 SPEED HUMPS**

PART A: BROOKLANDS - SOUTH



LOCATION MAP
 CITY OF ROCHESTER HILLS
 OAKLAND COUNTY, MICHIGAN

Estimated Total Quantities

Part A: SOUTH BROOKLANDS SUBDIVISION RESURFACING

Item No.	Description	South Brooklands	Unit
1	Cold Milling HMA Surface	87,000	Square Yard
2	HMA Surface, Rem (as directed by engineer)	5,000	Square Yard
3	Conc Curb and Gutter, Rem	3,000	Foot
4	Regrade Ditch (as directed by engineer)	2,000	Foot
5	Remove and Replace Casting per City Detail Sheet (as directed by engineer)	30	Each
6	Sanitary Structure Cover, Adjust per City Detail Sheet (as directed by engineer)	66	Each
7	Sanitary Structure, Reconstruct	66	Each
8	Sanitary Structure, Recondition	5	Each
9	Water Structure Cover, Adjust	5	Foot
10	Water Structure, Reconstruct	5	Each
11	Water Structure, Recondition	47	Each
12	Drainage Structure Cover, Adjust	47	Each
13	Drainage Structure, Reconstruct	47	Each
14	Drainage Structure, Recondition	10	Ton
15	21AA Aggregate under Selective Concrete C&G Replacement, 6 inch depth	3,000	Foot
16	Curb and Gutter, Conc, Replace Existing	65,500	Foot
17	Pavt.Joint and Crack Repr, Detail 7	16,500	Foot
18	Pavt.Joint and Crack Repr, Detail 8	2,000	Ton
19	Hand Patching, HMA, 5EML	1,000	Foot
20	Machine Grading (as directed by engineer)	400	Ton
21	21AA Aggregate Base, 4 inch for road (as directed by engineer)	4,500	Cubic Yard
22	Subgrade Undercutting, Type II (Modified)	6,600	Cubic Yard
23	Subgrade Undercutting, Type II (Special)	8,400	Ton
24	HMA, 5EML (PG 64-22)	4,500	Ton
25	HMA, 2EML for road base repairs (as directed by engineer)	200	Square Yard
26	Replace Spillways with HMA, 4EML or approved equal	85	Square Foot
27	Concrete Sidewalk, Rem	20	Foot
28	Culv, CI A, CSP, 12 inch	1	Each
29	45 degree bend for 12 inch Culvert	10	Ton
30	21AA Aggregate Base, 4 inch for sidewalk	225	Square Foot
31	Curb Ramp, Conc, 6 inch	125	Square Foot
32	Sidewalk, Conc, 4 inch	50	Square Foot
33	Detectable Warning Surface (Brick Red)	7,640	Square Yard
34	Topsoil Surface, 3 inch and Seeding, Mixture THM w/ Mulch	10	Each
35	Erosion Control, Inlet Protection, Fabric Drop	25	Each
36	Sprinkler Head	100	Foot
37	Sprinkler Line	1	Lump Sum
38	Audio & Video Coverage	1	Lump Sum
39	Traffic Maintenance & Control	1	Lump Sum
40	Mobilization, Max 5% - Items 1 thru 40	1	Lump Sum

Part B: ADAMS RD, east side PATHWAY REHABILITATION (Tienken to Dutton)

Item No.	Description	Quantity	Unit
41	Cold Milling HMA Surface	5,200	Square Yard
42	HMA Surface, Rem (as directed by engineer)	1,000	Square Yard
43	Gravel Driveway, Rem	10	Square Yard
44	HMA Approach (Modified)	280	Ton
45	Conc Pavt, Rem	500	Square Yard
46	Conc Pavt, Nonreinf Conc, 6 inch	100	Square Yard
47	21AA Aggregate Base, 4 inch	260	Cubic Yard
48	Subgrade Undercutting, Type II (Modified)	500	Cubic Yard
49	Subgrade Undercutting, Type II (Special)	1,000	Foot
50	Shared Use Path, Grading (as directed by engineer)	1	Each
51	Remove and Replace Casting per City Detail Sheet (as directed by engineer)	4	Each
52	Sanitary Structure Cover, Adjust per City Detail Sheet (as directed by engineer)	4	Each
53	Sanitary Structure, Reconstruct	4	Each
54	Sanitary Structure, Recondition	7	Each
55	Drainage Structure Cover, Adjust	7	Foot
56	Drainage Structure, Reconstruct	1	Each
57	Culv, Rem, Less than 24 inch	20	Foot
58	Culv, CI A, CSP, 12 inch	7	Each
59	Drainage Structure, Recondition	575	Ton
60	Shared Use Path, HMA, SEL (PG64-22)	250	Ton
61	Wedging, HMA, SEL	500	Ton
62	HMA, 2EL for Pathway base repairs (as directed by engineer)	3,500	Foot
63	Pavt.Joint and Crack Repr, Detail 7	1,500	Foot
64	Pavt.Joint and Crack Repr, Detail 8	400	Ton
65	Hand Patching, HMA, SEL	1,500	Square Yard
66	Topsoil Surface, 3 inch and Seeding, Mixture THM w/ Mulch	10	Each
67	Sprinkler Head	100	Foot
68	Sprinkler Line	1	Lump Sum
69	Audio & Video Coverage	1	Lump Sum
70	Traffic Maintenance & Control	1	Lump Sum
71	Mobilization, Max 5% - Items 41 thru 71	1	Lump Sum

Part B: CROSS CREEK BLVD SPEED HUMPS

Item No.	Description	Quantity	Unit
72	Speed Hump - City Detail	2	Each
73	Pavement Marking, Chevron	4	Each
74	Traffic Maintenance & Control	1	Lump Sum
75	Mobilization, Max 5% - Items 71 thru 75	1	Lump Sum

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CITY STANDARD DETAIL SHEETS
 WRC SOIL EROSION & SEDIMENTATION CONTROL DETAILS

SHEET NO. 1