

ADDENDUM No. 1

ITB No. 4624

Street Cut and Miscellaneous Pavement Repair

Bids Due April 16, 2020 at 2:00 P.M. (Local Time)

The information contained herein shall take precedence over the original documents and all previous addenda (if any), and is appended thereto. **This Addendum includes thirteen (13) pages.**

Bidder is to acknowledge receipt of this Addendum No. 1, including all attachments (if any) in its Bid by so indicating on page ITB-1 of the Invitation to Bid Form. Bids submitted without acknowledgment of receipt of this addendum may be considered nonconforming.

The following forms provided within the ITB document must be included in submitted bids:

- City of Ann Arbor Prevailing Wage Declaration of Compliance
- City of Ann Arbor Living Wage Ordinance Declaration of Compliance
- Vendor Conflict of Interest Disclosure Form
- City of Ann Arbor Non-Discrimination Ordinance Declaration of Compliance

Bids that fail to provide these forms listed above upon bid opening will be rejected as non-responsive and will not be considered for award.

I. CORRECTIONS/ADDITIONS/DELETIONS

Changes to the Bid document which are outlined below are referenced to a page or Section in which they appear conspicuously. The Bidder is to take note in its review of the documents and include these changes as they may affect work or details in other areas not specifically referenced here.

Section/Page(s)

Change

BF-1

As provided in ITB No. 4624 Bid Document:
Bid Form, Section 1 – Schedule of Prices as Page BF-1

As updated herein:
Bid Form, Section 1 – Schedule of Prices as Page BF-1

Comment: The intent with this change is to add pay item #209 for mobilization of the milling machine provided herein.

BF-1

As provided in ITB No. 4624 Bid Document:
Bid Form, Section 1 – Schedule of Prices as Page BF-1

As updated herein:
Bid Form, Section 1 – Schedule of Prices as Page BF-1

Comment: The intent with this change is to update the Item Description of Pay Item #212 to read Class II Granular Backfill – C.I.P consistent with Detailed Specification for Item #212 Page DS-12 thru DS-13 provided herein.

BF-1 As provided in ITB No. 4624 Bid Document:
Bid Form, Section 1 – Schedule of Prices as Page BF-1

As updated herein:
Bid Form, Section 1 – Schedule of Prices as Page BF-1

Comment: The intent with this change is to update the Item Description of Pay Item #266 to read Miscellaneous Repair Allowance consistent with Detailed Specification for Item #266 Page DS-17 provided herein.

DS-5 As provided in ITB No. 4624 Bid Document:
Detailed Specifications, Detailed Specification for Remove HMA Pavement (Excavate) DS-5

As updated herein:
Detailed Specifications, Detailed Specification for Remove HMA Pavement (Excavate) DS-5

Comment: The intent with this change is to update Item #207 to #207a Remove HMA Pavement (Excavate) on DS-5 consistent with Bid Form, Section 1 – Schedule of Prices, Page BF-1 provided herein.

II. QUESTIONS AND ANSWERS

The following Questions have been received by the City. Responses are being provided in accordance with the terms of the ITB. Bidders are directed to take note in their review of the documents of the following questions and City responses as they affect work or details in other areas not specifically referenced here.

Question 1: Do you have a map of the locations of the repairs?

Answer 1: Yes. A map is attached noting current proposed locations (Addendum 1-6).

Question 2: Can you provide me with the number of spots and size of the repairs for hand patching so I can estimate the cost properly?

Answer 2: A current list of proposed locations is attached for hand patching repairs (Addendum 1-7 thru 1-12). The sizes are based on information turned in when the initial excavation was completed. Sizes may change based on final inspection and marking for release to the contractor. Staff will normally release three lists per year (spring, summer, fall) but can issue the work as it becomes available so it can be completed as it fits into your schedule. Some of these locations may be large enough for machine placement.

Question 3: Can you provide me with the number of and size of the repairs for machine placing so I can estimate the cost properly?

Answer 3: There is one known location set for mill and fill and that will depend on final bid and budget. I have added a mill mobilization fee to the pay items to aid in bidding this area. A basic map with the area shaded in red is included (Addendum 1-13).

Question 4: It is noted that locations will be assigned that have to be completed in a 45 day time period. Can you tell me the approximate volume of work that will required completion in a 45 day time frame?

Answer 4: A map and list of work locations that will be included in the first batch of necessary pavement repairs is attached. If awarded to two contractors, the work will be divided up into geographic quarters of the City. Completion dates may be extended based on the volume of work distributed.

Question 5: In the areas to be milled, will you also require saw cutting and trimming the edges of those areas or will the edges formed with the mill be acceptable?

Answer 5: Mill formed edges are acceptable.

Question 6: Does the city of Ann Arbor supply the castings for the Manhole , Catch basins, and Gate valves where needed? And Is there a case where we will use the existing castings or will all new castings be required?

Answer 6: New castings will be supplied by the City where needed. The selected firm will likely be installing asphalt in locations that would already have new castings in place from a repair. Final adjustments to a structure to meet final grade requirements will be the most common scenario.

Question 7: Will the City be providing for density testing of the asphalt and the base? Will this be by visual inspection?

Answer 7: This will be a visual inspection with potential City provided density testing where necessary.

Question 8: Can you confirm that there is no bid bond required for this project?

Answer 8: No bid bond is required for this project.

Bidders are responsible for any conclusions that they may draw from the information contained in the Addendum.

BID FORM

Section 1 – Schedule of Prices

Company: _____

Project: ITB# 4624 – Street Cut and Miscellaneous Pavement Repair

Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Total Price
203	Traffic Control, Allowance	L.S.	1	\$ 15,000.00	\$ 15,000.00
207a	Remove HMA Pavement (Excavated)	S.F.	29259	\$	\$
207b	Remove HMA Pavement (Mill)	TON	1400	\$	\$
208a	HMA Patching (Hand)	TON	1060	\$	\$
208b	HMA Patching (Machine Placed)	TON	1400	\$	\$
209a	Milling Machine Mobilization	EACH	6	\$	
210	Subgrade Undercutting - Type II	C.Y.	120	\$	\$
211	21 AA Limestone - C.I.P.	C.Y.	60	\$	\$
212	Class II Granular Backfill - C.I.P.	C.Y.	60	\$	\$
255	Manhole / Inlet Structure Cover	EACH	6	\$	\$
256	Handhole Assembly	EACH	4	\$	\$
266	Miscellaneous Repair Allowance	L.S.	1	\$ 15,000.00	\$ 15,000.00
267	Emergency Response Fee	EACH	4	\$	\$
269	Overband Crackseal	LBS Applied	800	\$	\$

TOTAL BASE BID	\$
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**DETAILED SPECIFICATION
FOR**

ITEM #207a - REMOVE HMA PAVEMENT (EXCAVATE)

ITEM #207b – REMOVE HMA PAVEMENT (MILL)

DESCRIPTION

This work shall consist of removing HMA surface/base as described in Section 204 and Division 5 of the 2012 edition of the MDOT Standard Specifications for Construction, current supplemental MDOT specifications, and the City of Ann Arbor Standard Specifications, except as modified herein, and as directed by the Engineer.

CONSTRUCTION METHOD

The Contractor shall remove HMA surfaces, HMA bases, and brick bases of any thickness from any aggregate and/or concrete base course, without the removal of the aggregate or concrete base. Pavement removal limits shall be as directed by the Engineer.

The Contractor shall remove, salvage, deliver to any location within the City limits or City-owned property, and neatly stack/stockpile all bricks, if present, as directed by the Engineer.

The Contractor shall remove and properly dispose of all excavated material and debris, including all asphalt and concrete. The Contractor shall not stockpile excavated material overnight on, or adjacent to, the site.

The Contractor shall place millings or stone in excavated areas to maintain pedestrian access. The Contractor shall protect removal areas with lighted drums until such areas have received final patching. Once pavement has been removed, the Contractor shall have a maximum of seven (7) days to complete final patching of the area.

HMA surfaces/pavements shall be cut for removal by the use of saws, jackhammers, cold mill and/or other methods approved by the Engineer. Backhoe teeth, jackhammers equipped with spike points, and backhoe-mounted wheel cutters shall not be used for cutting the edges of patches, but may be used to break up pavement within patch areas for removal. The edges of patches shall be cut horizontally and vertically straight and uniform (as judged by the Engineer), without damaging adjacent pavement.

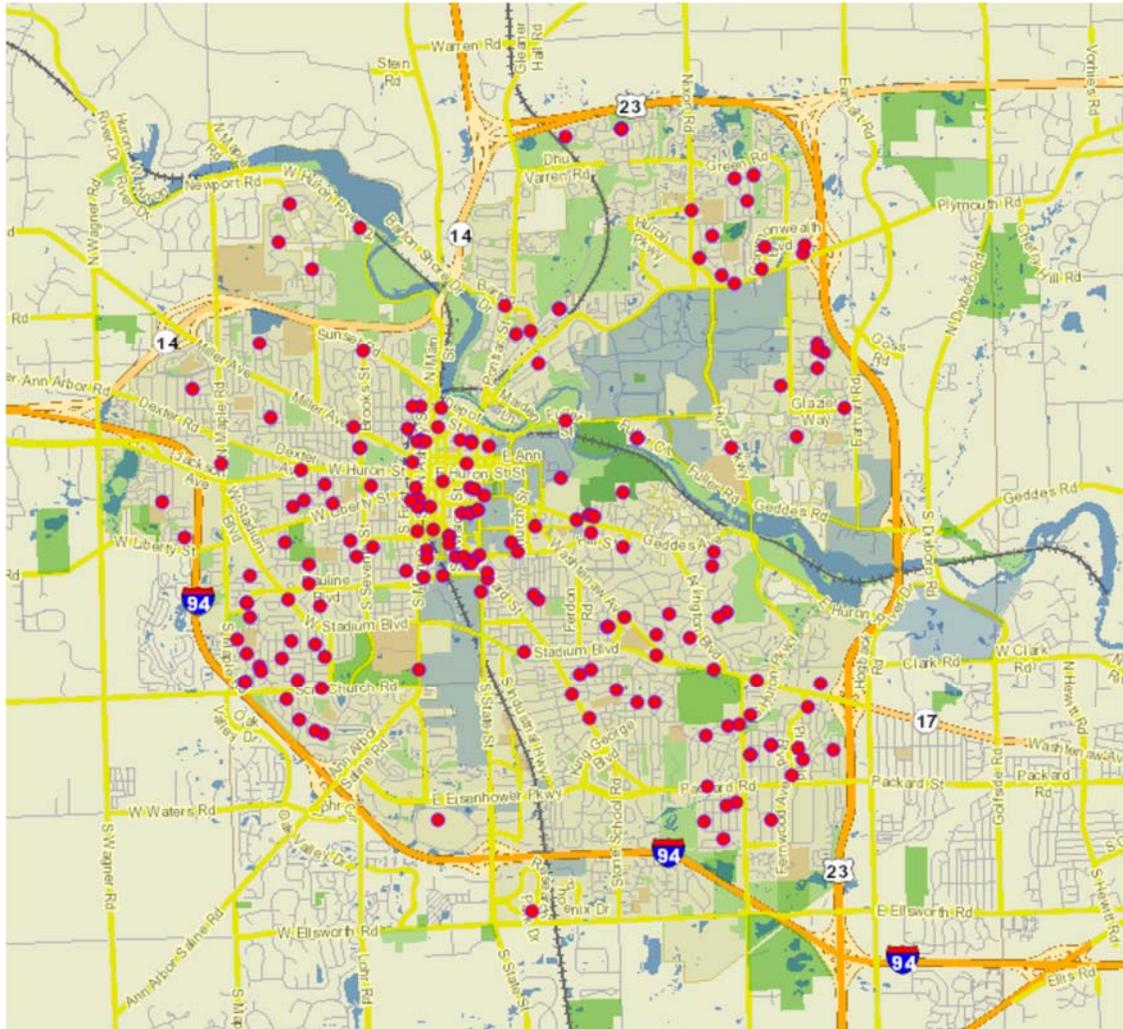
Damage to adjacent pavement, pavement base, subbase, curb, gutter, sidewalk, utility structures, or other site features, due to removal operations shall be repaired by the Contractor, at the Contractor's expense, as directed by the Engineer.

The Contractor shall remove pavement/pavement base full-depth or to a depth as directed by engineer. Removal of all granular or clay material located within the 3-inch minimum thickness is included in this item of work. Any additional aggregate or clay base removed without written approval of the Engineer shall be replaced by the Contractor at the Contractor's expense with 21AA Aggregate compacted-in-place, or with HMA asphalt, as directed by the Engineer.

The Contractor shall remove and/or re-shape, re-grade, and re-compact the existing roadbed materials, and shall construct the roadway to the cross-section(s) as indicated on the Plans, as detailed in the Specifications, and as directed by the Engineer. The Contractor shall use blade graders, maintainers, vibratory rollers, and/or other equipment as necessary, and as directed by the Engineer. Use of each specific piece of equipment is subject to the approval of the Engineer.

The Engineer may direct aggregate base materials to be either removed from or added to the job-site, to properly complete the work. Where the Engineer directs the addition of such materials, they shall be paid for under the Item of Work: "Aggregate Base Course 21AA - C.I.P.". Where the Engineer directs such materials to be removed, they will not be paid for separately, but shall be included in the Item of Work: "Remove HMA Pavement."

Proposed Contractor Work Locations



Proposed Contractor Work Locations

WorkOrderId	Address	Street Cut - Length (feet)	Street Cut - Width (feet)	Rough SqFt	Rough Ton
431105	2851 WASHTENAW - asphalt sidewalk	3	13	39.00	0.48
560461	1488 MAYWOOD AV	10	30	300.00	3.66
583458	ELIZABETH ST, N OF E. KINGSLEY ST	9	13	117.00	1.43
586515	515 East Jefferson St.	11	15	165.00	2.01
592607	318 crest	13	14	182.00	2.22
595709	2705 NEWPORT RD	7	25	175.00	2.13
597275	503 N Ashley	9	12	108.00	1.32
610168	1317 WELLS ST - L14	10.16	11.56	117.45	1.43
613954	1517 Martha Ave	12.25	5.5	67.38	0.82
614885	2200 Commonwealth - M07	10	6.25	62.50	0.76
633127	225 N Seventh St, 48103	24	10	240.00	2.93
639394	2613 BELLWOOD AVE (ON THE OAKWOOD SIDE)	19	9	171.00	2.09
540225	2727 Fuller (entrance off of Huron Parkway) new valve - asphalt	12	16	192.00	2.34
563874	Thayer and North University - asphalt	11	17	187.00	2.28
585900	CARDINAL AV, BTW. REDWOOD AV & SHARON DR, asphalt	4	10	40.00	0.49
596423	2935 Marshall	11	14	154.00	1.88
599298	1325 Pepper Pike @ Andover	9	33	297.00	3.62
613743	3152 SPRINGBROOK AVE	1.5	1.5	2.25	0.03
616721	3621 Plymouth Rd	4.25	4.41	18.74	0.23
619284	1600 Washington Hts	16	23	368.00	4.49
629736	S Main St	7	5	35.00	0.43
632332	1020 Arbordale	10	10	100.00	1.22
546291	120 Depot - east of main street west bound lane	15.33	25.43	389.84	4.75
569680	2131 Woodside Dr.	14	8	112.00	1.37
583464	E. KINGSLEY ST, NE CORNER OF ELIZABETH ST INTERSECTION	8	14	112.00	1.37
588345	2670 BEDFORD RD	11	23	253.00	3.09
595683	Hill St & S State St	12	18	216.00	2.63
597263	2956 PROVINCIAL DR	15	29	435.00	5.30
603966	307 W DAVIS AVE	14	11.5	161.00	1.96
610225	1108 MADISON	11	11	121.00	1.48

613960	766 Center Dr.	15.33	10	153.30	1.87
626714	3980 Research Park Dr. - asphalt	10	12	120.00	1.46
635926	Nearest Address 2270 Newport Rd.	10	5	50.00	0.61
645921	114 W Kingsley	4	4	16.00	0.20
511642	Geddes Ave & Geddes Heights Dr - asphalt	28	18	504.00	6.15
562254	511 E ANN ST	11	8	88.00	1.07
581165	1533 - 1541 BROADWAY ST	11	33	363.00	4.43
593092	1308 Brooks	5	8	40.00	0.49
599294	335 MASON AVE	13	18	234.00	2.85
613615	2616 Nixon Rd - In Crosswalk at school	17.5	13	227.50	2.77
614727	2685 ELMWOOD AVE - L16	16	6	96.00	1.17
619007	641 Dartmoor Rd	4.5	15.75	70.88	0.86
622065	1548 Waltham Dr @ Kent - 18 x 6 asphalt	18	6	108.00	1.32
632222	2134 Washtenaw Ave.	12	14	168.00	2.05
504338	Maple- near Vets Park - Northbound lane of N. Maple, before Skate Park	11	9	99.00	1.21
567929	632 N FOURTH AVE	10	11	110.00	1.34
583459	407 E KINGSLEY ST	10	12	120.00	1.46
586804	3320 LA SALLE DR	15	17	255.00	3.11
592608	2395 Huron Parkway	65.5	15.75	1031.63	12.58
595712	220 E Washington St & S Fifth Ave	8	16	128.00	1.56
603964	432 S 4th Ave in alley behind - M1a	10	13	130.00	1.59
610224	511 Benjamin	25	12	300.00	3.66
613956	1530 NORTHWOOD ST	8.08	13.75	111.10	1.35
614960	1818 Saxon Rd - L09	10.5	4.75	49.88	0.61
633187	Between 2040 and 2035 Wiltshire Dr.	16	8	128.00	1.56
640582	2435 Newbury Ct @ Mulberry	6	8	48.00	0.59
508033	2873 Packard - at inlet	7	20	140.00	1.71
557381	1329-1335 S. University	9	16	144.00	1.76
574521	3110 Rosedale St	8	14	112.00	1.37
587411	1012 SPRUCE DR	11	18	198.00	2.41
599293	2806 Provencial Dr.	12	14	168.00	2.05
606388	2130 Pauline Blvd is closest address - Pauline S of Pauline Crt - M03	6	7.25	43.50	0.53
614725	2685 ELMWOOD AVE - L16	16	6	96.00	1.17
619003	1506 Dicken Dr.	13.5	5.5	74.25	0.91

621939	1900 Weldon Blvd - asphalt	11	10	110.00	1.34
629903	2230 FULLER CT ANN ARBOR MI USA 48105	40	14	560.00	6.83
546567	3163 Falcon Ct	8	10	80.00	0.98
583330	546 S Fourth Ave	8	12	96.00	1.17
583468	COMMONWEALTH BLVD, APPROX. 200' N OF PLYMOUTH RD	12	10	120.00	1.46
592605	Aurora and Briarcliff	11	18	198.00	2.41
595707	1202 OLIVIA AVE	8	9	72.00	0.88
597266	804 PRINCETON AVE	15	28	420.00	5.12
610165	126 BROWN ST, S of Hill ST- L06	10	10	100.00	1.22
610287	2123 Stephen Ter	12.25	4	49.00	0.60
614050	500 S Ashley	13	15.5	201.50	2.46
630709	Intersection of W. Ann and N. First	14	16	224.00	2.73
639393	2613 Bellwood Ave Oakwood St side of	13	9	117.00	1.43
645953	2100 Crestland Dr. intersection w/ Hall	4	4	16.00	0.20
534965	726 Madison Pl - L07	15.33	14	214.62	2.62
563680	620 E. Liberty	14	14	196.00	2.39
585892	121 E HOOVER AVE	10	19	190.00	2.32
596228	2839 Canterbury	8	14	112.00	1.37
599297	2619 Lillian Rd	11	16	176.00	2.15
613702	3070 Washtenaw Ave	22	12	264.00	3.22
614729	428 S State St - M1b	9	22	198.00	2.41
619280	2904 Brockman Blvd	10	10	100.00	1.22
629590	2130 PAULINE BLVD	3	5	15.00	0.18
632229	Intersection of Argyle Crescent and Creal Crescent	12	6	72.00	0.88
640993	W Stadium Blvd & Suffolk St	30	15	450.00	5.49
634619	225 N Seventh St, 48103	11	14	154.00	1.88
456470	1129 Hill St.	2	8	16.00	0.20
543685	416 S Ashley - asphalt	3	10	30.00	0.37
582232	1129 S State	11	17	187.00	2.28
597279	2646 WHITEWOOD ST	13	15	195.00	2.38
597290	206 Edward	13	30	390.00	4.76
606386	2255 Indian Creek Ct	9	2	18.00	0.22
610430	2005 Commerce Dr	13.5	9.5	128.25	1.56
615164	3163 Falcon Ct - L20	12	6	72.00	0.88
629163	2715 Canterbury	8	12.5	100.00	1.22
640292	210 Kingley	8	10	80.00	0.98
542588	Arch @ White	14	14	196.00	2.39
551711	326 E MADISON ST - asphalt	11	7	77.00	0.94
574871	800 AVON RD, S of Stratford Dr., 43' S of NPL,	15	14.5	217.50	2.65

	39' E of WPL - asphalt				
574993	241 MULHOLLAND AVE - asphalt	10	10	100.00	1.22
581522	4 RIDGEWAY ST	8	19	152.00	1.85
595159	1451 Granada Ave	7	10	70.00	0.85
603659	515 E JEFFERSON ST - on Maynard N of Jefferson - M1b	23	12	276.00	3.37
604640	2601 OAK HILLS DRIVE	30	29.5	885.00	10.79
609000	215 Montgomery Ave	4.25	9	38.25	0.47
612428	903 Mary	11	9	99.00	1.21
615350	3160 Falcon Ct. - L20	12	6	72.00	0.88
624523	B92461858 Digstart: 09/04/19 Time: 10:00 Tkt Life: 09/25/19	15	8	120.00	1.46
644781	1985 Ridgeway	4	4	16.00	0.20
538235	815 LAWRENCE ST	7	11	77.00	0.94
567260	1455 N FOLKSTONE CT - asphalt	11	17	187.00	2.28
588798	1410 GLEN LEVIN	12	40	480.00	5.85
597288	Glazier Way - 300 ft West of Earhardt	16	20	320.00	3.90
600704	1643 Barton Dr & Traver Rd	15	19	285.00	3.48
610355	617 john	16	7	112.00	1.37
610466	3677 Chatham way	11	10	110.00	1.34
622790	2517 HAWTHORN RD	14.5	15	217.50	2.65
639120	In front of 1737 Covington Dr	7	8	56.00	0.68
539613	1801 Independence Blvd - asphalt	3	11	33.00	0.40
546115	426 Thompson - asphalt	11	13	143.00	1.74
553160	323 E HOOVER AVE	11	12	132.00	1.61
574879	2420 Picadilly Circle - opposite - L10	6.75	21.6	145.80	1.78
578311	1021 TRAVER CT	11	25	275.00	3.35
592163	Briarwood Mall - Macy loading dock	16	18	288.00	3.51
599739	596 Glendale Cir - L5a	7.25	7.6	55.10	0.67
603776	1375 Bardstown trail - S of Larchmont - L21	14.5	10.75	155.88	1.90
604713	DUNDEE DR, S OF MOREHEAD DR - L10	9	14.75	132.75	1.62
612410	2230-2236 Fuller Ct	40	14	560.00	6.83
612431	508 hill	12	9	108.00	1.32
617518	2222 Packard at Crestland - Lake Trust CU	14	6	84.00	1.02
629909	602 Oswego	14	8	112.00	1.37
640128	701 E UNIVERSITY AVE	10	2	20.00	0.24
526841	1706 Jackson	16	12	192.00	2.34

564403	705 BARCLAY CT	10	10	100.00	1.22
583790	1612 Peach St	7	7	49.00	0.60
597287	115 ADAMS ST - M1a	10	10	100.00	1.22
597439	2760 Manchester Rd	9	12	108.00	1.32
609440	W. Huron Rvr Drive North of Bird - M02	14	30	420.00	5.12
610460	3696 Middleton	12	10.5	126.00	1.54
622717	2350 WASHTENAW AVE	21	21	441.00	5.38
633820	1730 FAIR ST	20	14	280.00	3.41
537831	Woodside Rd & Copley Ave - asphalt	2	15	30.00	0.37
545927	2115 RIDGE AVE	18	8.5	153.00	1.87
551712	326 E MADISON ST	11	4	44.00	0.54
574873	3601 Washtenaw - Arbor Land - Americas Best	14	15	210.00	2.56
578308	1021 TRAVER CT	10	24	240.00	2.93
592156	2004 Alice St	15	22	330.00	4.02
598267	3020 PROVINCIAL DR	12	18	216.00	2.63
603768	1720 Hanover - L09	9.33	35.25	328.88	4.01
604643	588 LIBERTY POINTE DR at intersection - L5b	4.66	5	23.30	0.28
612233	3611 PLYMOUTH RD	11	14	154.00	1.88
612429	402 hill	12	13	156.00	1.90
617380	3055 Plymouth Rd	10	6	60.00	0.73
627439	416 S Ashley	10	11	110.00	1.34
638658	S. First and William near hydrant	7	8	56.00	0.68
633664	911 Miller Ave	6	8	48.00	0.59
644785	3025 Brockman Blvd	4	4	16.00	0.20
539925	601 E LIBERTY ST	17	13	221.00	2.70
571737	Scio Church Rd & Welch Ct	10	7	70.00	0.85
595857	3161 LEXINGTON DR	13	10	130.00	1.59
597289	Felch St & N Ashley St	13	35	455.00	5.55
605217	1395-1447 Fuller Road - M07	5.8	7.33	42.51	0.52
610357	740 Packard	14	20	280.00	3.41
614084	428 S State St - M1b	28	18	504.00	6.15
629158	2919 Canterbury	12	6	72.00	0.88
640276	Oakwood and Pittsfield Blvd.	6	6	36.00	0.44
542484	Parkwood and Pinecrest – asphalt	6	8	48.00	0.59
551701	Barton - West of Pontiac - near stop bar	6	8	48.00	0.59
563209	1709 Stadium	7	12	84.00	1.02
574884	3205 RUMSEY DR	11	24	264.00	3.22
581521	2435 Prarie	12	17	204.00	2.49
593702	2930 Devonshire Rd.	9	14	126.00	1.54
603560	2822 Pittsfield	2	10	20.00	0.24
603777	1708 Covington - L09	10.41	22.83	237.66	2.90

604765	2083 Briarcliff St W of Praire - L20	23	12.5	287.50	3.51
612413	608 Packard on Mary street	14	10	140.00	1.71
615343	1818 Saxon Rd - L09	3.58	10.58	37.88	0.46
621138	342 S Ashley St	12	11	132.00	1.61
630952	Asphalt: 3100 Rumsey Rd.	13	6	78.00	0.95
645083	208 W LIBERTY ST	4	4	16.00	0.20
632475	2448 ADARE CIR – concrete			0.00	0.00
645152	211 w summit			0.00	0.00

Proposed Location for Milling and Resurfacing

