



Beavercreek

# Five Year Capital Improvement Plan

## 2020-2024



Pete E. Landrum  
City Manager

## FUNDING SOURCES

- General Fund – (Fund 101) – To account for all financial resources except those required to be accounted for in another fund. The General fund resources are available for any purpose, provided it is expended or transferred in accordance with the Charter and legislation of the City of Beavercreek and/or the general laws of the State of Ohio.
- Police Operating Fund – (Fund 202) – To account for property tax receipts designated for operation of the police department, including the payment of the employer portion of police pension fund contributions, for monies charged for police services furnished outside the City and for other revenues resulting from law enforcement operations.
- Street Levy Fund – (Fund 203) – To account for property tax receipts designated for street construction, maintenance and repair.
- Street Maintenance Fund – (Fund 204) – Required by the Ohio Revised Code to account for that portion of the state gasoline tax and motor vehicle registration fees designated for maintenance of streets within the City.
- State Highway Fund – (Fund 205) – Required by the Ohio Revised Code to account for that portion of the state gasoline tax and motor vehicle registration fees designated for maintenance of state highways within the City.
- Law Enforcement Fund – (Fund 223) – To account for monies designated to be used for law enforcement.
- Drug Law Enforcement Fund – (Fund 224) – To account for monies designated to be used for drug law enforcement.
- DUI Enforcement and Education Fund – (Fund 226) – To account for special court fines designated for programs to deter driving under the influence of alcohol.
- Drug Offenses Forfeiture Fund – (Fund 227) – To account for monies acquired through seizures in conjunction with violation of Ohio statutes and designated for law enforcement purposes.
- Federal Forfeitures Fund – (Fund 229) – To account for monies acquired through seizures under federal statute and designated for specified law enforcement purposes.
- Crime Prevention Fund – (Fund 242) – To account for monies designated for special crime prevention programs.

- Street Improvement Levy – (Fund 260) - To account for property tax receipts designated for street construction, maintenance and repair.
- Park Levy Fund – (Fund 279) - To account for property tax receipts designated for Park capital improvements, maintenance and repair.
- Debt Service Fund – (Fund 300) – To account for resources applied to the repayment of outstanding debt obligations.
- Street Capital Improvement Fund – (Fund 408) – To account for receipts of the municipal vehicle license tax designated for the improvement of arterial streets.
- Minor Special Assessment District Projects Fund – (Fund 449) – To account for various infrastructure projects estimated to be less than one million dollars each that are required to be paid by new private developments upon petition to the City.
- Golf Course Enterprise Fund – (Fund 572) – Accounts for all operations of the City's golf course. Revenues include charges for services. Expenses are comprised of cost of operations.
- Committed Park Monies Expendable Trust Fund – (Fund 712) – To account for amounts required to be paid by residential subdivider, in lieu of the dedication of park land, for the acquisition and improvement of park sites.
- Miscellaneous Expendable Trust – (Fund 750) – To account for incidental and occasional restricted gifts and donations intended for specified activities.
- District One Impact Fee Expendable Trust Fund – (Fund 771) – To account for amounts required to be paid by developers and held in trust for future development impact costs with Impact Fee District One.
- Cemetery Bequest Nonexpendable Trust – (Fund 816) – To account for amounts distributed by court order in the division of former township assets having the restriction that the donor desired the principal amount to remain intact with the interest revenue to be used for general care and maintenance of the cemetery.
- Cash Bond Returnable Fund – (Fund 917) – To account for cash deposits held in lieu of performance bonds from bidders, contractors or developers.

## PLANNING FOR STREETS, TRAFFIC CONTROL AND BRIDGES

The City's Thoroughfare Plan and the Land Use Plan provide the basis for the construction of new streets and major improvements to existing streets. Additionally, the Engineering Division conducts traffic studies and monitors development activity to assist with the upgrade of streets, traffic control devices, and bridges. Proper design, construction, maintenance and control of our transportation facilities are critical to enhancing safety, alleviating congestion and minimizing liabilities arising from traffic crashes and substandard roadways.

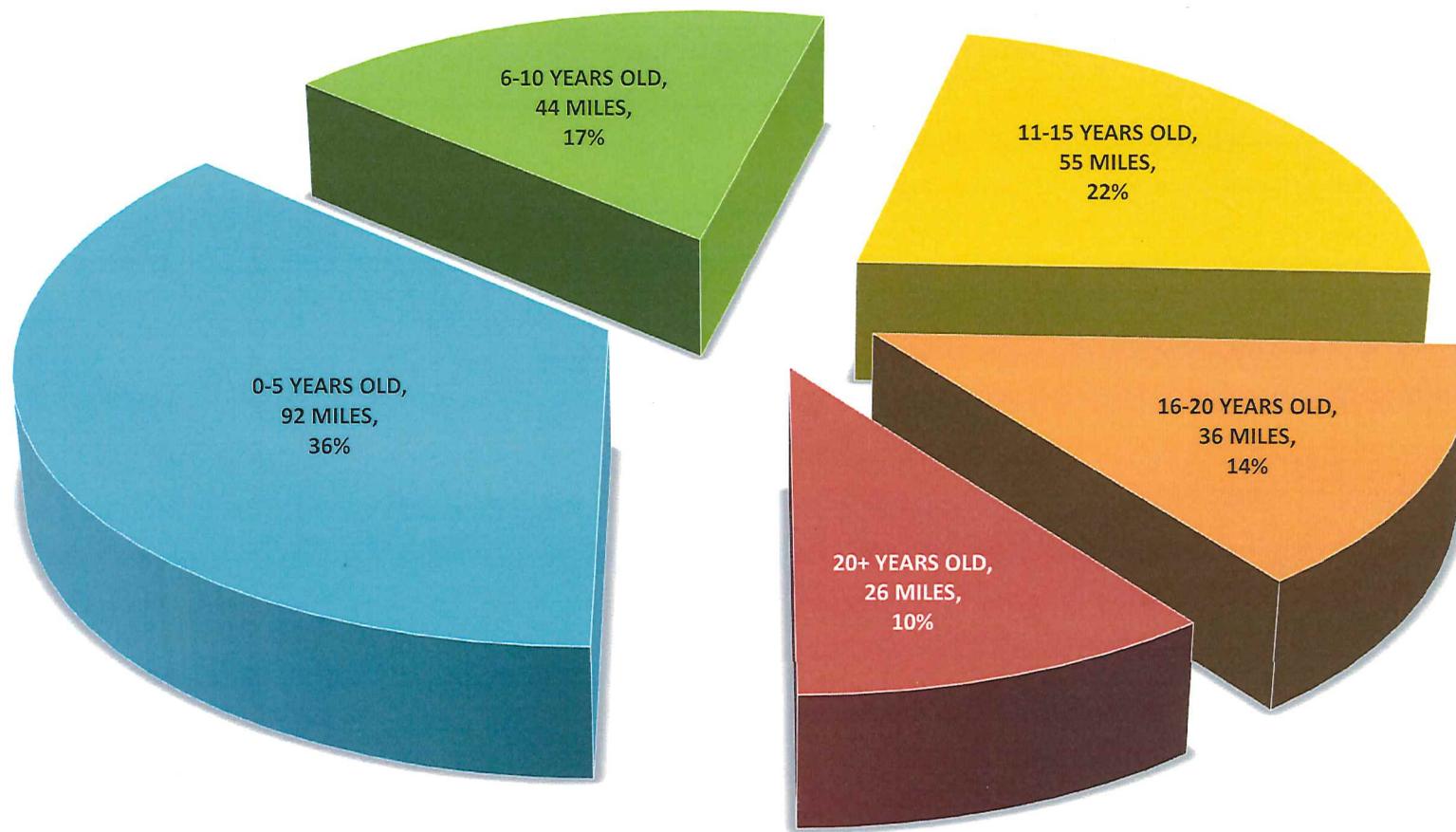
The City of Beavercreek's roadway network consists of approximately 252 centerline miles of streets, 65 traffic signal installations, 8 school zone flasher installations, 25 bridges, and 440 culverts and represents a replacement value of approximately \$435,000,000 for the City. The initial investment for construction of a roadway is only one element of the life cycle costs for roadways. Maintenance, repairs and eventually, reconstruction are also financial elements for all infrastructures, including roadways. The life of a roadway is contingent on many factors, including the quality of initial construction, soil properties, water drainage, traffic loading (including the volume and average weight of the vehicles), seasonal weather fluctuations, and quality of periodic maintenance. Engineers attempt to control many of these factors by providing an adequate roadway design for the anticipated traffic volume and vehicle weights. However, wear and tear will occur on even the best engineered roadways, and expenditure of funds for maintenance is necessary to ensure the maximum possible useful life of the roadway.

With the passage of the new 2.0 mil levy in 2014 additional funding was made available for the maintenance of the City's roadway network. Since the passage of this new levy significant gains have been made in the condition of the City's pavement inventory. With the completion of the 2019 resurfacing program 90 percent of the pavements within Beavercreek are now less than 20 years old, with 52 percent of the City's roadways being paved or reconstructed within the last 10 year period. The current pace of street maintenance is expected to continue in 2020 where additional gains in the overall condition of the City's roadways are anticipated. A summary of the current street conditions within the City is shown on the following pages.

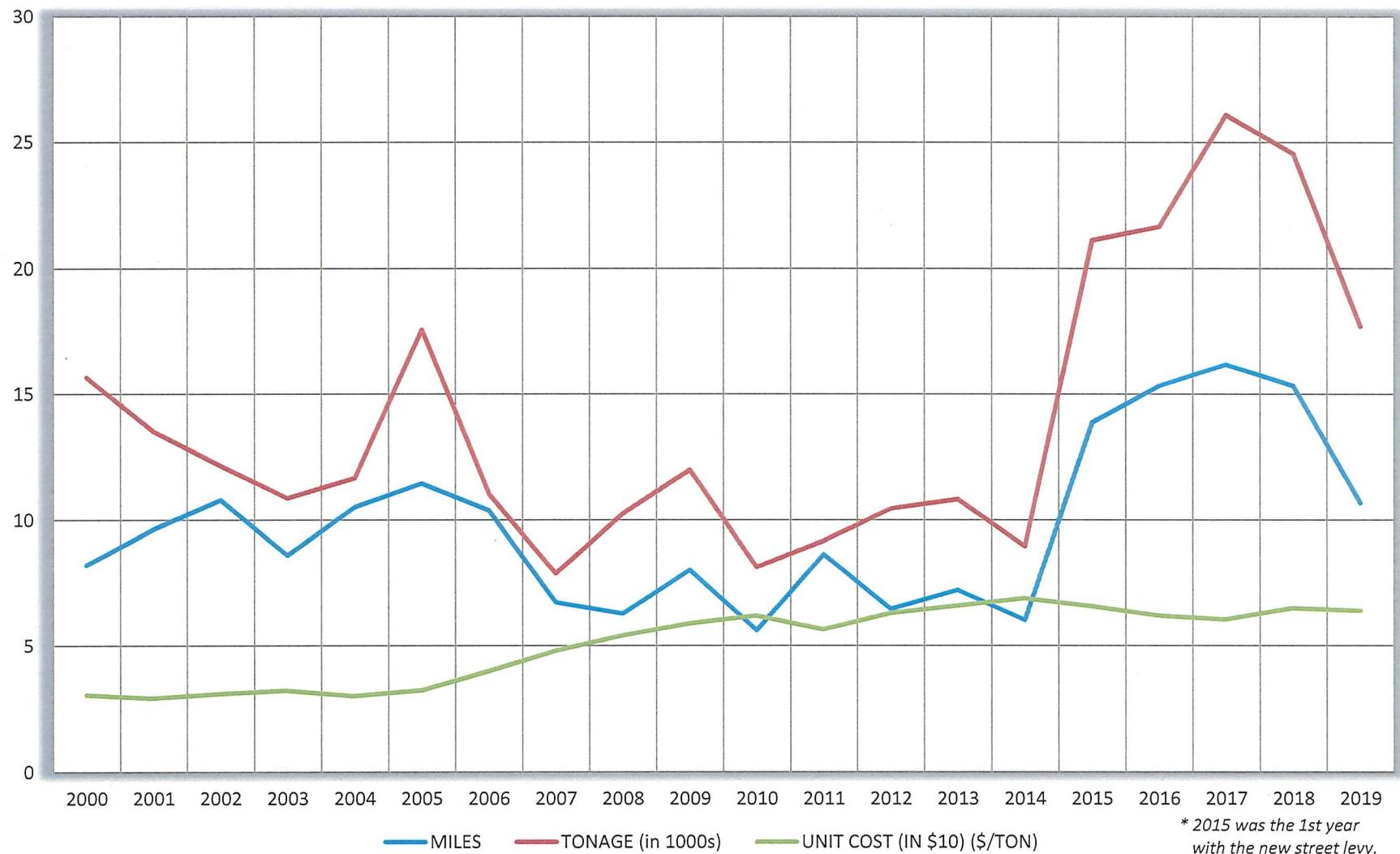
A new program added in 2015 was the City's curb replacement program. Between the 2015 and 2018 construction seasons, this curb program involved the complete replacement of curbing along a small number of streets. While this complete curb replacement addressed some of the oldest curbing within the City and greatly enhanced the look of these roadways, the cost of complete replacement greatly limited the number of streets that could receive treatment. This resulted in some roadways being resurfaced without having the funding available to repair portions of curbing that were in poor condition prior to paving. With the 2019 curb program

efforts were made to better align curb replacements with the resurfacing program to complete spot repairs of curbing in poor condition prior to paving the roadway. This spot curb replacement allowed for these funds to be utilized over a greater number of roadways and allowed for a more complete repair of the street. This spot curb repair approach is expected to continue in 2020, with some funding being made available to compete spot curb replacements on roadways resurfaced prior to 2019.

## 2019 PAVEMENT CONDITION SUMMARY - AGE



**CITY OF BEAVERCREEK**  
**ANNUAL RESURFACING PROGRAM**  
**HISTORICAL DATA 2000-PRESENT**



\* 2015 was the 1st year  
with the new street levy.

# PUBLIC STREETS PAVEMENT AGE



## LEGEND

Pavement Age
20+
16-20
11-15
6-10
0-5

SCALE

0 0.5 1 2 3 Miles



Adopted: 2018  
Revised: April 2019  
Next Review: 2021  
Effective: May 1, 2019

## CITY OF BEAVERCREEK

### PAVING PROCEDURE AND CURB MAINTENANCE

#### 1.0 PURPOSE

- 1.01 It is the declared goal of the City of Beavercreek that curbs and public roadways shall be kept in the best possible condition as funding will allow. In meeting this goal it is seen as important that both the curbing and the pavement be addressed when a roadway is selected for maintenance. To this end, funds have been allocated for the repair of curbs and public roadways. ~~City Council hereby directs~~ has directed that curbs and roadway shall be kept in good repair by and at the expense of the City and that curbs and roadways shall be maintained free from obstructions that may obstruct the flow of water or access to private property.
- 1.02 The repair of curbing along roadways that are scheduled for resurfacing shall be given priority. If funding permits, curb repairs may be performed along roadways that are not scheduled for resurfacing.
- 1.03 City Council shall review their policy periodically, including documented maintenance activities, citizen comments, and funding.

#### 2.0 PROCEDURE

- 2.01 Purpose: The purpose of this procedure is to outline an orderly, consistent, and fiscally responsible process for roadway maintenance of all public roadways within the City limits per ORC(723.01 and 2744.02(A) (3). This procedure will provide guidelines for inspection of curb and roadway conditions, curb and roadway repair, and roadway resurfacing. This procedure will ensure the proper collection and conveyance of storm water in streets, roadway maintenance to maintain neighborhood appearance, and to ensure adequate access from public streets.
- 2.02 This policy shall apply to all existing curbs and roadways within the public right-of-way.

2.03 This procedure shall not apply to the installation of new curbing or roadways where no curb or roadways currently exists, or to the replacement of existing curbing due to roadway widening.

### 3.0 DEFINITIONS

#### Curb

“Crack” shall mean a fissure within a concrete curb.

“Depression” shall mean a difference in elevation within a curb, typically at a joint, created by a sunken area, hollow, or spalling.

“Joint” shall mean a cleavage created for expansion purposes that separates two or more curb sections.

“Curb(s)” shall include both the curb and the gutter that typically borders the traveled portion of the roadway.

“Spalling” shall mean a chipped or splintered condition of a curb.

“Temporary Curb Repair” shall mean a repair performed on a curb that does not bring the curb up to City of Beavercreek specifications, but is necessary to abate curb deterioration in order to maintain driveway access or storm water flow.

“Driveway Wedges” shall mean ramps placed within the curb line at driveways.

#### Pavement

“PCR” shall mean Pavement Condition Rating. The PCR is used to measure the extent and severity of various types of pavement deterioration. A PCR of 100 signifies a perfect pavement with no distress.

“Composite Pavement” shall mean a pavement structure consisting of an asphalt concrete wearing surface on top of a hydraulic concrete slab.

“Design Period” shall mean the number of years used in traffic loading predictions to design new or rehabilitated pavement structure.

“Flexible Pavement” shall mean a pavement structure consisting of asphalt concrete, with or without an aggregate base, placed on a prepared subgrade.

“Functional Classification” shall mean the grouping of highways by the character of service they provide.

“Rigid Pavement” shall mean a pavement structure consisting of hydraulic cement concrete, with or without an aggregate base, placed upon a prepared subgrade.

“Serviceability” shall mean the ability of a pavement to serve traffic as measured by the present serviceability index.

**“Structural Defect”** shall mean a part of the PCR indicating distresses that may be related to the structural characteristics of the pavement.

**“Surface Treatment”** shall mean work performed on a structurally sound pavement intended to preserve the pavement, retard future deterioration, and maintain or improve the functional characteristics without substantially increasing the structural capacity. Surface treatments include such things as pavement rejuvenators, microsurfacing, thin overlays, and slurry seals.

#### 4.0 TECHNICAL REFERENCES

- 4.01 Pavement Condition Rating System (Ohio Department of Transportation, April 2006)
- 4.02 Pavement Design Manual (Ohio Department of Transportation, July 2016)
- 4.03 **Important Note:** While these documents are seen as useful reference tools, they must be applied to the City's pavement maintenance program with caution and within proper engineering judgement. The Ohio Department of Transportation (ODOT) publishes these documents for the maintenance of ODOT pavements only. The interstates, US Routes, and State Routes that ODOT maintains are characterized by heavier vehicular and truck traffic volumes that are not typically seen on many of the City maintained pavements, which is a major factor in pavement longevity. Additionally, these ODOT maintained roadways typically have a higher functional classification than the neighborhood streets that comprise most of the City roadway inventory. Roadways with a higher functional classification typically require a higher serviceability index (e.g. more frequent pavement treatments) than neighborhood streets would.

#### 5.0 MAINTENANCE

- 5.01 Maintenance of Curbs and Roadways: The City of Beavercreek will perform necessary curb repairs within the public right-of-way along with resurfacing of roadways as available funding permits.
- 5.02 The City of Beavercreek will provide spot replacement of curb as part of the annual roadway resurfacing program. Curb spot replacement will be provided on streets that will be resurfaced on the program for that year.
- 5.03 Driveway wedges shall not be permitted. If a driveway wedge is discovered during an inspection, the driveway wedge shall be ordered to be removed as part of the curb replacement under the annual resurfacing program.

5.04 In cases where roll curbing exists at driveway approaches, drop curb should be installed and any necessary work on the driveway approach to match the grade of the new drop curb should be performed.

## 6.0 PROCEDURE

6.01 Review the street database containing each roadway segment for pavement age and PCR. This review is to ensure that the database is current, and that the previous year's maintenance efforts have been properly logged into the database.

6.02 Identify (at a minimum) the pavement segments that are the oldest 10 percent within the City's inventory. This currently equates to just over 25 centerline miles of roadway. This list is then compared to the streets on the 5 year Capital Plan, and any resident pavement condition remarks on record. Following this review, the preliminary street resurfacing list is generated.

6.03 The preliminary resurfacing street listing is then forwarded to the Street Superintendent, the PASD, and City Manager for their review and comment.

6.04 Incorporate any comments received and generate the updated preliminary street listing for field evaluation.

6.05 Complete field reviews of preliminary list roadways during dry days in late autumn/early winter months. This review is accomplished by driving each roadway segment on the preliminary list, and in updating the PCR for each of these roadway segments along with identifying deteriorated curb on these roadways.

6.06 Revise the plan based upon field observations and updated PCR scores and submit for input to the PASD, City Manager, and Street Superintendent by the end of January.

6.07 Complete final annual resurfacing and curb replacement program list after review and comment period to include Base Program and Alternate Program streets to match available funding. In creating the final street resurfacing list, the following factors are considered:

- (a) Normally, roadways with an estimated traffic volume of 2,000 vehicles per day or greater should not be permitted to go longer than 20 years without treatment. Roadways with a functional classification of arterial or collector are given preference over lower volume neighborhood streets.
- (b) Roadways with estimated traffic volumes of less than 100 vehicles per day may be permitted to go longer than 20 years between treatments if required due to funding limitations.
- (c) Pavement age and updated PCR scores are ranked and reviewed.
- (d) Citizen comments.
- (e) Staff comments.

6.08 Prepare the bid package to utilize available programs to maximize cost savings and to obtain best prices possible.

- 6.09 If an agreement is required, take the agreement before Council for permission to authorize the City Manager to enter into agreement.
- 6.10 Put the Final Program on the City website and state that revisions may be made after bid opening.
- 6.11 Review bid results and quantities to determine if additional streets can be added to the program.
- 6.12 Add information of the revised program to the City website.
- 6.13 After completion of the revised program, determine Round 2 paving to be completed before the end of the construction season.
- 6.14 Share Round 2 with the City Manager, PASD and Street Superintendent. After approval, put on the website and notify the contractor of the additional roadways.

## 7.0 CONDITIONS THAT MERIT CURB REPLACEMENT

- 7.01 The City Engineer, or designee, shall consider the following conditions which, if not addressed, could obstruct the flow of storm water or driveway access, in determining whether to order a section of curb replaced:
  - (a) There is a difference in height at the Joint that could cause the ponding of water greater than one-half (1/2) inch in depth at any location.
  - (b) Excessive spalling or curb deterioration that where the flow of water may be impacted, or where driveway access many be impeded.
  - (c) There is a Crack greater than one-half (1/2) inch in width.
  - (d) There is a Depression greater than one-half (1/2) inch within the curb line.
  - (e) Any curb damage due to the removal of a driveway wedge.

This list of conditions is not a complete list of conditions. The City Engineer, or designee, may encounter other conditions that could develop into a hazard and therefore may address those conditions as though they were in this section.

- 7.02 Residents who have curbs that meet the above conditions for replacement and desire to have their curb replaced in advance of the City schedule may petition the City for improvement through assessment.
  - (a) Improvements will be made in a minimum of one street block increments. Both sides of the street for the one block increment will need to be improved.
  - (b) The process will follow the petition requirements identified in ORC 727.06
  - (c) A sample petition is attached to this policy

## 8.0 TEMPORARY CURB REPAIR

8.01 No curb shall be ordered or arranged to be repaired by way of crack fillers, asphalt patching, surface treatments or the like except as a temporary measure pending replacement. Curbs which, upon inspection, are noted to have been temporarily repaired shall be replaced.

## 9.0 SUMP PUMP DISCHARGE

9.01 No sump pump discharge lines, or down spout lines shall be permitted to flow directly into the gutter line unless specifically approved in writing by the City Engineer.

## 10.0 ADDITIONAL ITEMS

10.01 To maximize roadway lifespan, base repairs are completed prior to paving.

10.02 Roadways that contain sidewalk with curb ramps are upgraded to current ADA requirements as needed as part of resurfacing.

10.03 For uncurbed roadways, paving consists of an overlay or a mill and fill depending on surface conditions and deterioration.

10.04 Curb roadways have a fixed roadway elevation to function as designed. In order to function as designed, resurfacing consists of mill and fill to remove surface deteriorations and to restore pavement to the existing elevation. If curb sections were just overlaid, this would cause curb and gutter to not function as designed for stormwater along roadways.

10.05 For curbed roadways, curb repair will be completed as part of resurfacing prior to resurfacing the roadway.

10.06 All wedges along roads to be resurfaced are removed prior to resurfacing due to the liability to the City and to carry water as designed in the gutter of these roadways.

10.07 The roadway database is updated yearly with new evaluations, new roadways, and repaved roadways. This database is linked to a GIS file to display these graphically using GIS software.

## 11.0 SURFACE TREATMENTS

11.01 Surface treatments, such as pavement rejuvenators, microsurfacing, thin overlays, and slurry seals can help lengthen pavement life, but using these products reduces funding available for asphalt resurfacing efforts. Because of this, surface treatments shouldn't be considered until the City's pavement

inventory is closer to the goal of having all pavements being less than 20 years old.

## **12.0 DOCUMENTATION; REVIEW AND MODIFICATION OF PROCEDURE**

- 12.01 The City Engineer, or designee, will document curb maintenance activities, and keep on file all citizen comments and complaints regarding this procedure and/or curb maintenance in general.
- 12.02 The City Manager and Public Administrative Services Director shall also review any factors/circumstances affecting this procedure or its implementation and recommend program goals for the future to City Council through the Annual budgeting process.

## **CURB PETITION**

**TO THE COUNCIL OF THE  
CITY OF BEAVERCREEK,  
COUNTY OF GREENE,  
STATE OF OHIO:**

We hereby petition Beavercreek City Council to perform curb replacement work along \_\_\_\_\_, between the intersections of \_\_\_\_\_ and \_\_\_\_\_.

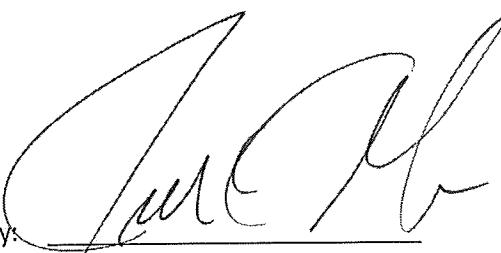
By signing this petition I represent that I am a property owner within the limits described above, and that I hereby consent to the assessment of any and all costs associated with this curb replacement work against my property as provided for in Chapter 727 of the Ohio Revised Code. I further consent to the levying of assessment costs on an annual basis for a period not to exceed five (5) years.

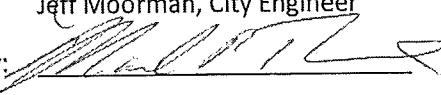
It is understood that the City of Beavercreek will require at least sixty (60) percent of benefitting land owners along a block to voluntarily sign this petition before proceeding with any curb replacement work. Additionally, it is understood that this curb replacement work must include at least one block and both sides of a public street before curb replacement work will be considered.

	Printed Name	Signature	Address
1			
2			
3			
4			
5			
6			
7			

Contact Person: \_\_\_\_\_

Date: \_\_\_\_\_ Phone Number \_\_\_\_\_

Approved By:  Date: 4-29-19

Approved By:  Date: 4-20-19

Jeff Moorman, City Engineer  
Mike Thonnerieux, Public Administrative Services Director

In the State of Ohio, each municipality is directed to maintain an inventory of all bridges within or partially within its boundary and the agency responsible for the maintenance and inspection of those structures. The Engineering Division maintains the City's bridge inventory records and oversees the annual inspection of all bridges that are the City of Beavercreek's maintenance responsibility. The City of Beavercreek currently maintains a total of 25 bridges, with 7 of these structures carrying pedestrians/bicyclists and 18 carrying vehicular traffic. A list that shows maintenance responsibility for all bridges within the City is supplied below:

<b>Category No.</b>	<b>Inspection Responsibility</b>	<b>Maintenance Responsibility</b>	<b>No.</b>	<b>Classification</b>
1.	State of Ohio	State of Ohio	21	Bridges over or under I-675.
2.	State of Ohio	State of Ohio	23	Bridges over or under State Highways.
3.	Greene Co. Engr.	Greene Co. Engr	12	Bridges over or under Through Streets.
4.	City of Beavercreek	City of Beavercreek	25	Bridges on or over Local Streets

Generally, all bridges along I-675 and State Highways are maintained by the Ohio Department of Transportation, extensions of County Routes through the City are maintained by the Greene County Engineer, with all others being maintained by the City.

All of these bridges are inspected on an annual basis and once inspected the results are forwarded to the Ohio Department of Transportation, with the inspection results being utilized in the prioritization of funding for bridge repairs and replacements. The overall condition of each bridge is expressed as a 'General Appraisal Rating' utilizing a number system between 9 (excellent condition) and 1 (imminent failure). A listing of the current general appraisal ratings for the bridges maintained by the City is shown on the next page. With the replacement of the Old Mill Lane bridge in 2019, the City now has one bridge on Locke Drive listed as being in (3) serious condition. The bridge on Locke Drive is planned for replacement in 2020. All of the remaining bridges within the City's inventory are rated between excellent to fair.

**City of Beavercreek - 2017 Bridge Ratings**

Asset Name	(4) City or Town FIPS [Identification]	(22) Owner [Identification]	(7) Facility Carried by Structure [Identification]	(6) Feature Intersected [Identification]	General Appraisal [Review]	Unofficial Sufficiency Rating [Calcs]	(424) Deck Area [Deck]	(49) Structure Length [Geometric]
GRE-00035-0008L_(2902966)	04720 - BEAVERCREEK	1 - Ohio State Transportation Department	US 35	DAYTON-XENIA ROAD	7	96	15252	186
GRE-00035-0008R_(2902974)	04720 - BEAVERCREEK	1 - Ohio State Transportation Department	US 35	DAYTON-XENIA ROAD	7	96	12834	186
GRE-00035-0055L_(2903008)	04720 - BEAVERCREEK	1 - Ohio State Transportation Department	IR 675 S-US 35 E	I675*S RAMP;675	7	93.9	24617	425
GRE-00035-0055N_(2902990)	04720 - BEAVERCREEK	1 - Ohio State Transportation Department	US 35W=IR 675S	I675*S RAMP;675	7	95.5	18223	433
GRE-00035-0055R_(2903016)	04720 - BEAVERCREEK	1 - Ohio State Transportation Department	IR 675N-US 35W	I675*S RAMP;675	7	94.7	28611	414
GRE-00035-0074_(2903032)	04720 - BEAVERCREEK	1 - Ohio State Transportation Department	US 35 E=IR 675 N	RAMP=US35*E-I675*N	7	94	10721	242
GRE-00035-0107L_(2903067)	04720 - BEAVERCREEK	1 - Ohio State Transportation Department	WB US 35	GRANGE HALL ROAD	7	99	11195	214
GRE-00035-0107R_(2903075)	04720 - BEAVERCREEK	1 - Ohio State Transportation Department	EB US 35	GRANGE HALL ROAD	7	95.8	9472	214
GRE-00035-0207_(2900092)	04720 - BEAVERCREEK	1 - Ohio State Transportation Department	US 35	CLOSED RAMP=SB35*E-US35*	7	85	6480	77
GRE-00035-0227_(2900122)	04720 - BEAVERCREEK	1 - Ohio State Transportation Department	US 35	LITTLE BEAVER CREEK	7	85	8633	111.083
GRE-00035-0265_(2900149)	04720 - BEAVERCREEK	1 - Ohio State Transportation Department	SR835 N. FAIRFIELD	SR-835 N. FAIRFIELD RD.	6	73.2	19192	195.167
GRE-00035-0294_(2900157)	04720 - BEAVERCREEK	1 - Ohio State Transportation Department	US 35	TRIB LITTLE BEAVER CRK	6	70	1152	12
GRE-00035-0383_(2900181)	04720 - BEAVERCREEK	1 - Ohio State Transportation Department	US 35	TRIB LITTLE BEAVER CRK	7	70	958	10
GRE-00035-0455_(2900211)	04720 - BEAVERCREEK	1 - Ohio State Transportation Department	US 35	BEAVER CREEK	7	85	13337	132.083
GRE-00035-0614_(2900289)	04720 - BEAVERCREEK	1 - Ohio State Transportation Department	US 35	LITTLE MIAMI RIVER	6	85	24520	225
GRE-00675-0216_(2903210)	04720 - BEAVERCREEK	1 - Ohio State Transportation Department	WAGNER RD	WAGNER ROAD	7	96	9580	227
GRE-00675-0216E_(2903229)	04720 - BEAVERCREEK	1 - Ohio State Transportation Department	WAGNER RD	TRIB LIT SUGAR CR:IR R/W	7	98	398	10
GRE-00675-0309_(2903245)	04720 - BEAVERCREEK	1 - Ohio State Transportation Department	INDIAN RIPPLE RD E	INDIAN RIPPLE ROAD*E	7	80	10807	227
GRE-00675-0310_(2903253)	04720 - BEAVERCREEK	1 - Ohio State Transportation Department	INDIAN RIPPLE RD W	INDIAN RIPPLE ROAD*W	7	95	11033	227
GRE-00675-0352L_(2903296)	04720 - BEAVERCREEK	1 - Ohio State Transportation Department	SB IR 675	VINELAND TRAIL	7	92	6346.87	113
GRE-00675-0352R_(2903318)	04720 - BEAVERCREEK	1 - Ohio State Transportation Department	NB IR 675	VINELAND TRAIL	7	98	6780	113
GRE-00675-0445_(2903342)	04720 - BEAVERCREEK	1 - Ohio State Transportation Department	SHAKERTOWN RD	SHAKERTOWN ROAD	7	95	11830	256
GRE-00675-0512L_(2903377)	04720 - BEAVERCREEK	1 - Ohio State Transportation Department	SB IR 675	PATTERSON ROAD	7	93	9580	171
GRE-00675-0512R_(2903385)	04720 - BEAVERCREEK	1 - Ohio State Transportation Department	NB IR 675	PATTERSON ROAD	7	93	9580	171
GRE-00675-0514W_(2903399)	04720 - BEAVERCREEK	1 - Ohio State Transportation Department	IR 675	TRIB LIT SUGAR CR:IR R/W	6	91.8	560	14
GRE-00675-0520L_(2903415)	04720 - BEAVERCREEK	1 - Ohio State Transportation Department	SB IR 675	LITTLE BEAVER CREEK	8	86.7	10699	191
GRE-00675-0520R_(2903423)	04720 - BEAVERCREEK	1 - Ohio State Transportation Department	NB IR 675	LITTLE BEAVER CREEK	8	86.7	10699	191
GRE-00675-0533L_(2903466)	04720 - BEAVERCREEK	1 - Ohio State Transportation Department	SB IR 675	S835	7	94	11259	195
GRE-00675-0533R_(2903474)	04720 - BEAVERCREEK	1 - Ohio State Transportation Department	NB IR 675	S835	7	88.8	10979	195
GRE-00675-0575_(2903504)	04720 - BEAVERCREEK	1 - Ohio State Transportation Department	RAMP US35E-IR675N	RAMP=US35*E-I675*N	7	94	12864.1	288
GRE-00675-0616_(2903598)	04720 - BEAVERCREEK	1 - Ohio State Transportation Department	DAYTON-XENIA RD C-	DAYTON-XENIA ROAD	7	96	25252	412
GRE-00675-0634_(2903636)	04720 - BEAVERCREEK	1 - Ohio State Transportation Department	PEDESTRIAN CROSSWA	PEDESTRIAN CROSSWALK	7	39	4521	411
GRE-00675-0737_(2903660)	04720 - BEAVERCREEK	1 - Ohio State Transportation Department	KEMP RD	KEMP ROAD	7	95	13853	300
GRE-00675-0822_(2903695)	04720 - BEAVERCREEK	1 - Ohio State Transportation Department	RAMP S SKYLINE DR	IR RAMP FOR SKYLINE DR*S	7	77	15296	462
GRE-00675-0823_(2903709)	04720 - BEAVERCREEK	1 - Ohio State Transportation Department	SKYLINE DR N RAMP	IR RAMP FOR SKYLINE DR*N	7	94	20828	462
GRE-00675-0895_(2903768)	04720 - BEAVERCREEK	1 - Ohio State Transportation Department	GRANGE HALL RD	GRANGE HALL ROAD	7	96	19106	265
GRE-00835-0035_(2904462)	04720 - BEAVERCREEK	1 - Ohio State Transportation Department	SR 835	LITTLE BEAVER CREEK	7	96.5	12357	144
GRE-00835-0091_(2904470)	04720 - BEAVERCREEK	1 - Ohio State Transportation Department	SR 835	TRIB LIT BEAVER CREEK	6	80.7	2088	29
GRE-00835-0184_(2904500)	04720 - BEAVERCREEK	1 - Ohio State Transportation Department	SR 835	TRIB LITTLE BEAVER CREEK	7	83.6	1033	14
GRE-00835-0207_(2904519)	04720 - BEAVERCREEK	1 - Ohio State Transportation Department	E. PATTERSON RD.	LITTLE BEAVERCREEK	7	94.4	6110.72	108.1
GRE-00835-0247_(2900130)	04720 - BEAVERCREEK	1 - Ohio State Transportation Department	ST RT 835	US 35	6	93.4	13573	238.167
GRE-00844-0067_(2903822)	04720 - BEAVERCREEK	1 - Ohio State Transportation Department	FAIRFIELD RD C9	C9 (FAIRFIELD ROAD)	6	91.4	31657	366
GRE-00844-0092L_(2904616)	04720 - BEAVERCREEK	1 - Ohio State Transportation Department	SB 444A	T119 COL GLENN HWY	7	91.1	11755.07	281
GRE-00844-0092R_(2904632)	04720 - BEAVERCREEK	1 - Ohio State Transportation Department	NB 444A	T119 COL GLENN HWY	7	90.1	12928	281
GRE-C0002-0364_(2934280)	04720 - BEAVERCREEK	3 - County Agency	ALPHA BELLBROOK RD	TRIBUTARY LITTLE MIAMI	6	87.1	560	20
GRE-C0009-0147_(2934043)	04720 - BEAVERCREEK	3 - County Agency	FAIRFIELD RD	BRA LITTLE BEAVER CREEK	7	76.4	1464	28
GRE-C0009-0264_(2934000)	04720 - BEAVERCREEK	3 - County Agency	NORTH FAIRFIELD RD	TRIB TO LITTLE BEAVER	7	84.4	600	25
GRE-C0009-0317_(2934027)	04720 - BEAVERCREEK	3 - County Agency	NORTH FAIRFIELD RD	LITTLE BEAVER CREEK	8	91	24633	238
GRE-C0009-0451_(2934035)	04720 - BEAVERCREEK	3 - County Agency	NORTH FAIRFIELD RD	BRANCH LITTLE BEAVERCRK	7	74.3	1044	20
GRE-C0036-0299_(2930617)	04720 - BEAVERCREEK	3 - County Agency	IND RIPPLE RD	TRIBUTARY BEAVER CREEK	6	81.3	474	17
GRE-C0040-0232_(2934167)	04720 - BEAVERCREEK	3 - County Agency	KEMP RD	BRA LITTLE BEAVER CREEK	7	93.6	883	16
GRE-C0051-0263_(2930927)	04720 - BEAVERCREEK	3 - County Agency	NEW GERMANY TRE6	GOLF CART PATH	8	77.6	721	18
GRE-C0142-0093_(2930714)	04720 - BEAVERCREEK	3 - County Agency	DAY-XENIA RD	TRIB LITTLE BEAVER CREEK	8	99.1	667	14
GRE-C0142-0172_(2930722)	04720 - BEAVERCREEK	3 - County Agency	DAY-XENIA RD	TRIB LITTLE BEAVER CREEK	6	99.9	377	11
GRE-C0142-0355_(2930730)	04720 - BEAVERCREEK	3 - County Agency	DAYTON XENIA RD	TRIB LITTLE BEAVERCREEK	8	98.7	915	38
GRE-T0048-00128_(2933691)	04720 - BEAVERCREEK	3 - County Agency	FACTORY ROAD	LITTLE BEAVERCREEK	8	78.6	2583	86
GRE-00675-09.50_(2968584)	04720 - BEAVERCREEK	4 - City or other Local Agency	Wright State Ped bridge	Wright State Wy o/ IR675	9		5604	467
GRE-120AK-0011_(2961598)	04720 - BEAVERCREEK	4 - City or other Local Agency	TWELVE OAKS TR.	FAIRBROOK SCHOOL TRIB	7	99	770	22
GRE-AUTLFL-0020_(2961687)	04720 - BEAVERCREEK	4 - City or other Local Agency	AUTUMN LEAF DRIVE	TRIB TO LITTLE BEAVER CK	8	94.1	650	26

**City of Beavercreek - 2017 Bridge Ratings**

GRE-AUTLF-0034 _(2961695)	04720 - BEAVERCREEK	4 - City or other Local Agency	AUTUMN LEAF DRIVE	TRIB TO LITTLE BEAVER CK	8	94.1	550	22
GRE-BIGWD-0071 _(2961814)	04720 - BEAVERCREEK	4 - City or other Local Agency	BIG WOODS TRAIL	NEW GERMANY BRANCH	6	89	540	20
GRE-BKWAY-0086 _(2961776)	04720 - BEAVERCREEK	4 - City or other Local Agency	BIKeway	BRANCH LITTLE BEAVER CRK	6		204	17
GRE-BKWAY-0379 _(2961784)	04720 - BEAVERCREEK	4 - City or other Local Agency	BIKeway	BRANCH LITTLE BEAVER CRK	6	83	431.66	35
GRE-BKWAY-0449 _(2961792)	04720 - BEAVERCREEK	4 - City or other Local Agency	BIKeway	BEAVER CREEK	5		760.02	60
GRE-BRIDD-0.25 _(2961563)	04720 - BEAVERCREEK	4 - City or other Local Agency	BRIDDLEWOOD ST	BRIDDLEWOOD CREEK	6	99	581	24
GRE-BRIDD-0035 _(2961474)	04720 - BEAVERCREEK	4 - City or other Local Agency	BRIDDLEWOOD ST	DRAINAGE DITCH	7	94.1	528	22
GRE-BUCKE-0.01 _(2961806)	04720 - BEAVERCREEK	4 - City or other Local Agency	PEDESTRIAN WALKWAY	BUCKEYE STREET	8	24	840	80
GRE-CROSS-0.10 _(2961660)	04720 - BEAVERCREEK	4 - City or other Local Agency	CROSS CREEK COURT	BULLSKIN RUN	8	99	468	18
GRE-DAYTO-0020 _(2961768)	04720 - BEAVERCREEK	4 - City or other Local Agency	BIKeway	BIKeway	6	41	2303	144
GRE-EPATT-0071 _(2961628)	04720 - BEAVERCREEK	4 - City or other Local Agency	E. PATTERSON RD.	DRAINAGE DITCH	7	92.8	299	13
GRE-FAIRW-0044 _(2961601)	04720 - BEAVERCREEK	4 - City or other Local Agency	FAIRWOOD DR.	BULLSKIN RUN	6	98	864	18
GRE-FBECP-0000 _(2961644)	04720 - BEAVERCREEK	4 - City or other Local Agency	BIKeway	BRIDDLEWOOD CREEK	6	97	208	26
GRE-GHALL-0248 _(2961504)	04720 - BEAVERCREEK	4 - City or other Local Agency	GRANGE HALL RD.	LITTLE BEAVER CREEK	8	76.8	2111.69	70
GRE-GHALL-0373 _(2961466)	04720 - BEAVERCREEK	4 - City or other Local Agency	GRANGE HALL ROAD	BRA LITTLE BEAVER CREEK	7	79	624	26
GRE-HANES-0072 _(2961520)	04720 - BEAVERCREEK	4 - City or other Local Agency	HANES RD.	BRA LITTLE BEAVER CREEK	7	97.4	1368	38
GRE-HANES-1.65_(2960000)	04720 - BEAVERCREEK	4 - City or other Local Agency	HANES ROAD	GRAYS RUN	9	97.4	1106.49	28.74
GRE-LOCKE-0.06_(2961555)	04720 - BEAVERCREEK	4 - City or other Local Agency	LOCKE DRIVE	NEW GERMANY BRANCH	3	47.1	330	15
GRE-OLDML-00001_(2961482)	04720 - BEAVERCREEK	4 - City or other Local Agency	OLD MILL LANE	LITTLE BEAVER CREEK	2	7	1837.5	75
GRE-SHAKE-0274 _(2961547)	04720 - BEAVERCREEK	4 - City or other Local Agency	SHAKERTOWN RD.	BRA OF LITTLE BEAVER	5	88	506	23
GRE-SYLV-0.30_(2961652)	04720 - BEAVERCREEK	4 - City or other Local Agency	SYLVANIA DR.	DRAINAGE SWALE	6	81.3	538	15
GRE-WHSPN-0025_(2961679)	04720 - BEAVERCREEK	4 - City or other Local Agency	TORREY PINES	BRANCH OF BEAVER CREEK	7	92.1	1496	34

The City of Beavercreek aggressively pursues funding for roadway improvement projects from several sources and has been successful in the past in obtaining State and Federal funds for eligible projects. As indicated on the table on the next page, since 1997 the City has been the recipient of over \$93.4 Million dollars in State and Federal Funding, allowing for the construction of nearly \$113 million in infrastructure improvements over this time period. This aggressive approach toward grant acquisition has, on the average, yielded a ratio of approximately 5:1 grant to local funds, thus stretching the local tax dollars and allowing for occasional funding of non-grant related projects.

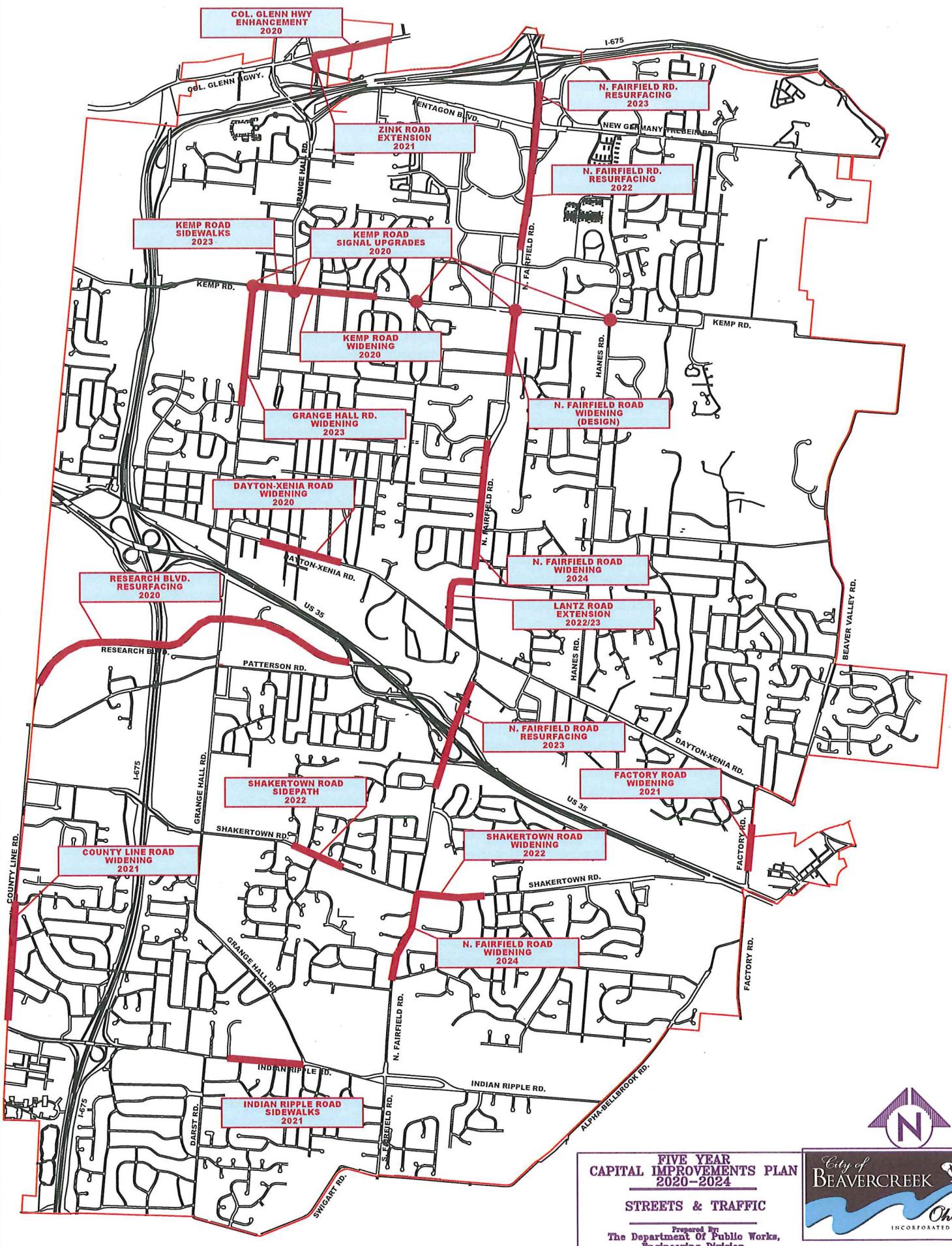
The primary objective of the 2020-2024 Capital Improvement Plan for streets and traffic is to provide the motoring public a well maintained and safe transportation system as economically as possible within available projected resources.

## GRANT LISTING

10/18/2019

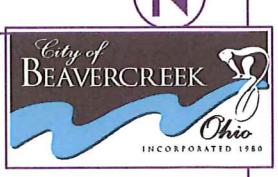
CONSTRUCTION	PROJECT DESCRIPTION	FUNDING SOURCE	CONSTRUCTION FUNDS		
			LOCAL	GRANTS	TOTAL
YEAR					
1997	County Line Road Widening	OPWC/FHWA	\$240,000.00	\$960,000.00	\$1,200,000.00
1997	North Fairfield/ Dayton-Xenia Road Streetscape	FHWA	\$227,805.00	\$462,195.00	\$690,000.00
1997	N. Fairfield Resurfacing	FHWA	\$122,800.00	\$491,200.00	\$614,000.00
1997	H-Connector Bikeway	FHWA	\$245,000.00	\$1,275,600.00	\$1,520,600.00
1998	Indian Ripple (North Fairfield Phase I)	OPWC	\$37,000.00	\$333,000.00	\$370,000.00
1999	Indian Ripple (North Fairfield Phase II)	OPWC	\$80,000.00	\$720,000.00	\$800,000.00
1999	N. Fairfield Rd. Corridor Crash Study	GHSO	\$0.00	\$27,375.00	\$27,375.00
1999	Grange Hall Road Signal Upgrade	FHWA	\$0.00	\$198,000.00	\$198,000.00
2000	Grange Hall Road Bridge	OPWC	\$74,570.00	\$162,930.00	\$237,500.00
2001	New Germany-Trebein Road	OPWC	\$180,000.00	\$540,000.00	\$720,000.00
2002	SR835 Streetscape	FHWA	\$117,425.00	\$218,075.00	\$335,500.00
2002	North Fairfield Road Streetscape	FHWA	\$89,000.00	\$276,000.00	\$365,000.00
2002	US 35/North Fairfield	ODOT/FHWA	\$0.00	\$22,700,000.00	\$22,700,000.00
2003	Colonel Glenn Highway Resurfacing	FHWA	\$87,800.00	\$351,200.00	\$439,000.00
2003	Grange Hall Road Widening	OPWC / FHWA	\$0.00	\$1,234,000.00	\$1,234,000.00
2004	Indian Ripple Road Signal	FHWA	\$8,700.00	\$98,000.00	\$106,700.00
2004	Kemp Road Signals	FHWA	\$0.00	\$187,000.00	\$187,000.00
2004	SR 835 Resurfacing	ODOT	\$160,500.00	\$537,500.00	\$698,000.00
2005	I-675/North Fairfield Road Project	FHWA	\$65,000.00	\$260,000.00	\$325,000.00
2005	North Fairfield (Lakeview Dr. to Rex Dr)	OPWC	\$202,800.00	\$577,200.00	\$780,000.00
2005	Dayton-Xenia Streetscape	FHWA	\$104,000.00	\$191,000.00	\$295,000.00
2005	I-675/ Indian Ripple Signals and Lighting	FHWA	\$0.00	\$400,000.00	\$400,000.00
2005	I-675 Noise Barrier (Summerfield)	FHWA	\$0.00	\$1,000,000.00	\$1,000,000.00
2007	Pentagon Blvd	Dept.of Dev.	\$0.00	\$729,000.00	\$729,000.00
2007	New Germany-Trebein Road	Dept.of Dev.	\$0.00	\$420,000.00	\$420,000.00
2008	Kemp Rd. Relocation (Aley Church)	OPWC	\$264,268.00	\$535,760.00	\$800,028.00
2008	Indian Ripple @ Darst	FHWA	\$84,500.00	\$283,500.00	\$368,000.00
2008	Colonel Glenn Highway Safety Study	GHSO	\$0.00	\$20,000.00	\$20,000.00
2008	I-675 / N. Fairfield Rd. Safety Study	FHWA	\$0.00	\$20,000.00	\$20,000.00
2008	Nuglo - Phase I Study	OEPA	\$0.00	\$9,212.00	\$9,212.00
2009	Dayton-Xenia Signalization	FHWA	\$267,410.00	\$761,090.00	\$1,028,500.00
2009	GRE Dayton-Xenia Road	FHWA	\$574,095.00	\$4,453,885.00	\$5,027,980.00
2009	GRE Dayton-Xenia Road	OPWC	\$0.00	\$675,000.00	\$675,000.00
2009	Dayton-Xenia Rd. Curb Ramps	CDBG	\$5,000.00	\$35,000.00	\$40,000.00
2009	N. Fairfield Rd. at Kemp Rd. Safety Study	GHSO	\$0.00	\$5,000.00	\$5,000.00
2009	N. Fairfield Rd. Corridor Crash Study	GHSO	\$0.00	\$20,000.00	\$20,000.00
2009	National Rd. Reconstruction Project	OPWC	\$17,443.20	\$91,576.80	\$109,020.00
2009	Fairwood Drive Improvement	FHWA	\$79,687.00	\$279,180.00	\$358,867.00
2009	Fairwood Drive Signal	MVRPC	\$54,500.00	\$115,500.00	\$170,000.00
2010	Beavercreek Station	FHWA/ODNR/DONA	\$0.00	\$677,350.00	\$677,350.00
2010	Grange Hall Rd. Bikeway	FHWA	\$79,350.00	\$185,650.00	\$265,000.00
2010	Indian Ripple (Sylvania to Darst)	FHWA	\$112,500.00	\$3,450,000.00	\$3,562,500.00
2010	Indian Ripple (Sylvania to Darst)	OPWC	\$0.00	\$275,000.00	\$275,000.00
2010	N. Fairfield Rd. Resurfacing	MVRPC	\$314,293.00	\$814,000.00	\$1,128,293.00
2011	Col. Glenn Highway Resurfacing	MVRPC	\$13,857.00	\$550,000.00	\$563,857.00
2011	Creekside Trail Resurfacing	MVRPC	\$19,869.00	\$220,000.00	\$239,869.00
2011	Rotary Park Connector	ODNR	\$68,175.00	\$204,523.00	\$272,698.00
2012	Kemp Rd / Hanes Rd. Intersection	MVRPC	\$163,900.00	\$386,100.00	\$550,000.00
2012	Col. Glenn Hywy at Grange Hall Rd. Safety Imp	FHWA/ODOT	\$61,330.00	\$573,970.00	\$635,300.00
2012	I-675 / N. Fairfield Rd Safety Improvements	FHWA	\$110,000.00	\$990,000.00	\$1,100,000.00
2012	N. Fairfield Rd. @ N.G.T. Left Turn Lanes	OPWC	\$109,200.00	\$310,800.00	\$420,000.00
2012	N. Fairfield Rd. Signal System	MVRPC	\$100,000.00	\$1,100,000.00	\$1,200,000.00
2012	Indian Ripple Rd. Safety Study	HSP	\$0.00	\$20,000.00	\$20,000.00
2012	Col. Glenn Hwy. Signals	MVRPC	\$65,000.00	\$715,000.00	\$780,000.00
2012	Dayton-Xenia Rd. Signals	MVRPC	\$47,429.00	\$538,571.00	\$586,000.00
2012	US 35 / Factory Rd. Safety Improvement	HSP	\$0.00	\$290,050.00	\$290,050.00
2012	Beaver-Vu Signal	MVRPC	\$48,000.00	\$132,000.00	\$180,000.00
2012	Grange Hall Rd. Bridge Deck Replacement	ODOT	\$168,380.00	\$324,720.00	\$493,100.00

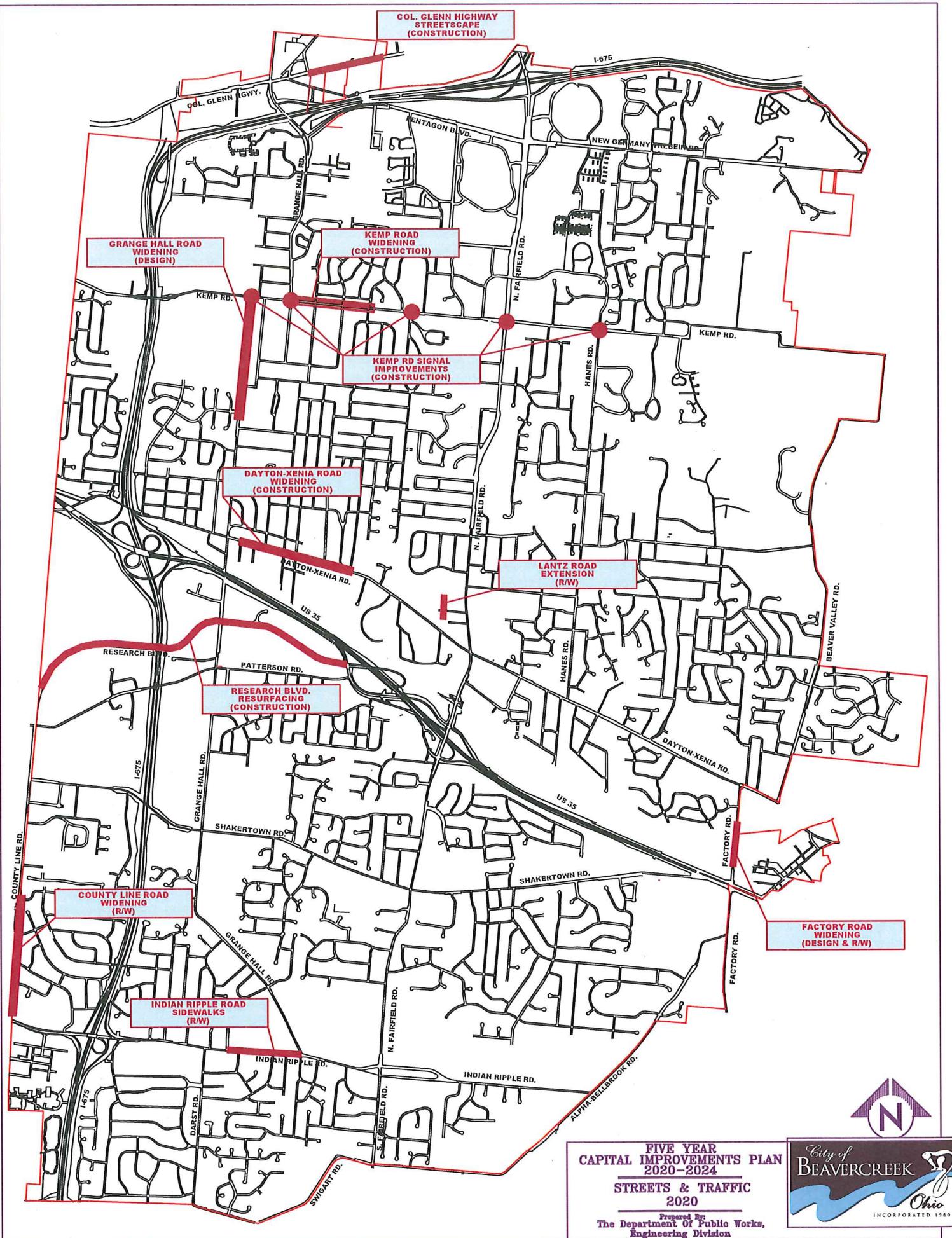
2012	Senior Center Parking Lot Lighting - Part I	CDBG	\$10,000.00	\$20,000.00	\$30,000.00
2012	Police Bldg & City Hall HVAC Upgrades	ARRA	\$0.00	\$164,700.00	\$164,700.00
2013	New Germany-Trebein Road Reconstruction	MVRPC	\$475,000.00	\$1,100,000.00	\$1,575,000.00
2013	Senior Center Parking Lot Lighting - Part II	CDBG	\$10,000.00	\$20,000.00	\$30,000.00
2013	Factory Road Reconstruction	MVRPC	\$199,550.00	\$450,450.00	\$650,000.00
2014	N.Fairfield Rd. Bridge Widening over I-675	MVRPC/HSP/OPWC	\$0.00	\$4,260,000.00	\$4,260,000.00
2014	N. Fairfield Rd. Resurfacing (North Dr. to Beaver Vu Drive).	MVRPC	\$223,600.00	\$670,800.00	\$894,400.00
2014	I-675 Bikeway Bridge	MVRPC	\$650,000.00	\$2,400,000.00	\$3,050,000.00
2014	Hanes Rd. Bridge Deck Replacement	ODOT	\$159,760.00	\$315,840.00	\$475,600.00
2014	I-675 @ Grange Hall Rd. Streetscape Project	MVRPC	\$109,800.00	\$299,900.00	\$409,700.00
2014	Indian Ripple Rd. at I-675 Safety Improvements	ODOT	\$356,626.00	\$69,625.00	\$426,251.00
2016	Indian Ripple Rd. Signals Project	MVRPC	\$233,750.00	\$701,250.00	\$935,000.00
2015	N. Fairfield Rd. Widening	MVRPC/OPWC	\$0.00	\$1,900,000.00	\$1,900,000.00
2015	Grange Hall Rd. Widening	MVRPC	\$695,500.00	\$1,552,500.00	\$2,248,000.00
2015	Curb Ramp Replacements	CDBG	\$0.00	\$10,000.00	\$10,000.00
2015	National Rd. @ Col. Glenn Hwy (Design)	MVRPC	\$70,000.00	\$160,000.00	\$230,000.00
2015	Dayton-Xenia Rd. @ Grange Hall Enhancement	MVRPC	\$165,000.00	\$297,000.00	\$462,000.00
2016	Shakertown @ GH Reconstruction	OPWC	\$750,000.00	\$650,000.00	\$1,400,000.00
2017	Col. Glenn Resurfacing	MVRPC	\$317,000.00	\$589,000.00	\$906,000.00
2017	Shakertown Road Improvements (Product Way to Willow Run)	OPWC/County	\$600,000.00	\$1,000,000.00	\$1,600,000.00
2017	Dayton-Xenia Rd. Widen. (Woods to Wallaby)	MVRPC/OPWC	\$667,000.00	\$3,133,000.00	\$3,800,000.00
2018	Indian Ripple Widening (Darst to Marydale)	MVRPC	\$112,750.00	\$338,250.00	\$451,000.00
2018	National @ Col. Glenn Widening	MVRPC	\$223,630.00	\$894,520.00	\$1,118,150.00
2018	Shakertown Widening (Grange Hall to Burntwood)	OPWC/Assessment	\$400,000.00	\$925,000.00	\$1,325,000.00
2018	N. Fairfield Road Resurfacing	MVRPC	\$542,448.00	\$675,552.00	\$1,218,000.00
2018	Indian Ripple Road Resurfacing	MVRPC	\$311,781.00	\$727,489.00	\$1,039,270.00
2018	Dayton-Xenia Rd. Enhancements - Part II	MVRPC	\$79,200.00	\$316,800.00	\$396,000.00
2019	Shakertown Rd. Extension to Factory Rd.	MVRPC	\$738,300.00	\$1,722,700.00	\$2,461,000.00
2020	SR 835 Resurfacing	ODOT/OPWC	\$482,781.00	\$1,517,219.00	\$2,000,000.00
2020	Kemp Road Widening (GH to Meadowcourt)	MVRPC/OPWC	\$1,152,390.00	\$1,897,610.00	\$3,050,000.00
2020	Dayton-Xenia Rd. Widening (E. Lynn to Woods)	MVRPC	\$956,400.00	\$2,585,600.00	\$3,542,000.00
2020	Col. Glenn Hwy. Enhancements	MVRPC	\$231,000.00	\$693,000.00	\$924,000.00
2020	Lofino Plaza - Part 2	CDBG	\$8,000.00	\$32,000.00	\$40,000.00
2020	Kemp Road Signal Improvements	MVRPC	\$143,000.00	\$429,000.00	\$572,000.00
2021	Indian Ripple Road Pedestrian Improvements	MVRPC	\$383,200.00	\$349,800.00	\$733,000.00
2021	County Line Road Widening	MVRPC	\$645,000.00	\$930,000.00	\$1,575,000.00
2021	Factory Road Widening (Nutter Park to Creekside)	MVRPC	\$247,500.00	\$577,500.00	\$825,000.00
2023	Grange Hall Widening (Kemp to Summerfield)	MVRPC	\$749,000.00	\$2,247,000.00	\$2,996,000.00
2023	Kemp Road Pedestrian Improvements	MVRPC	\$282,150.00	\$344,850.00	\$627,000.00
2024	N. Fairfield Road Widening (Lawson to Fairwood)	MVRPC	\$513,600.00	\$1,198,400.00	\$1,712,000.00
2024	N. Fairfield Road Widening (Shakertown to Plantation)	MVRPC	\$786,450.00	\$1,835,050.00	\$2,621,500.00
<b>TOTAL</b>			<b>\$19,551,752.20</b>	<b>\$93,413,117.80</b>	<b>\$112,964,870.00</b>
%			<u>17.31</u>	<u>82.69</u>	<u>100.00</u>
<b>CONSTRUCTION</b>	<b>PROJECT DESCRIPTION</b>	<b>FUNDING SOURCE</b>	<b>CONSTRUCTION FUNDS</b>		
<b>YEAR</b>			<b>LOCAL</b>	<b>GRANTS</b>	<b>TOTAL</b>



FIVE YEAR  
CAPITAL IMPROVEMENTS PLAN  
2020-2024

STREETS & TRAFFIC  
Prepared by  
The Department of Public Works,  
Engineering Division



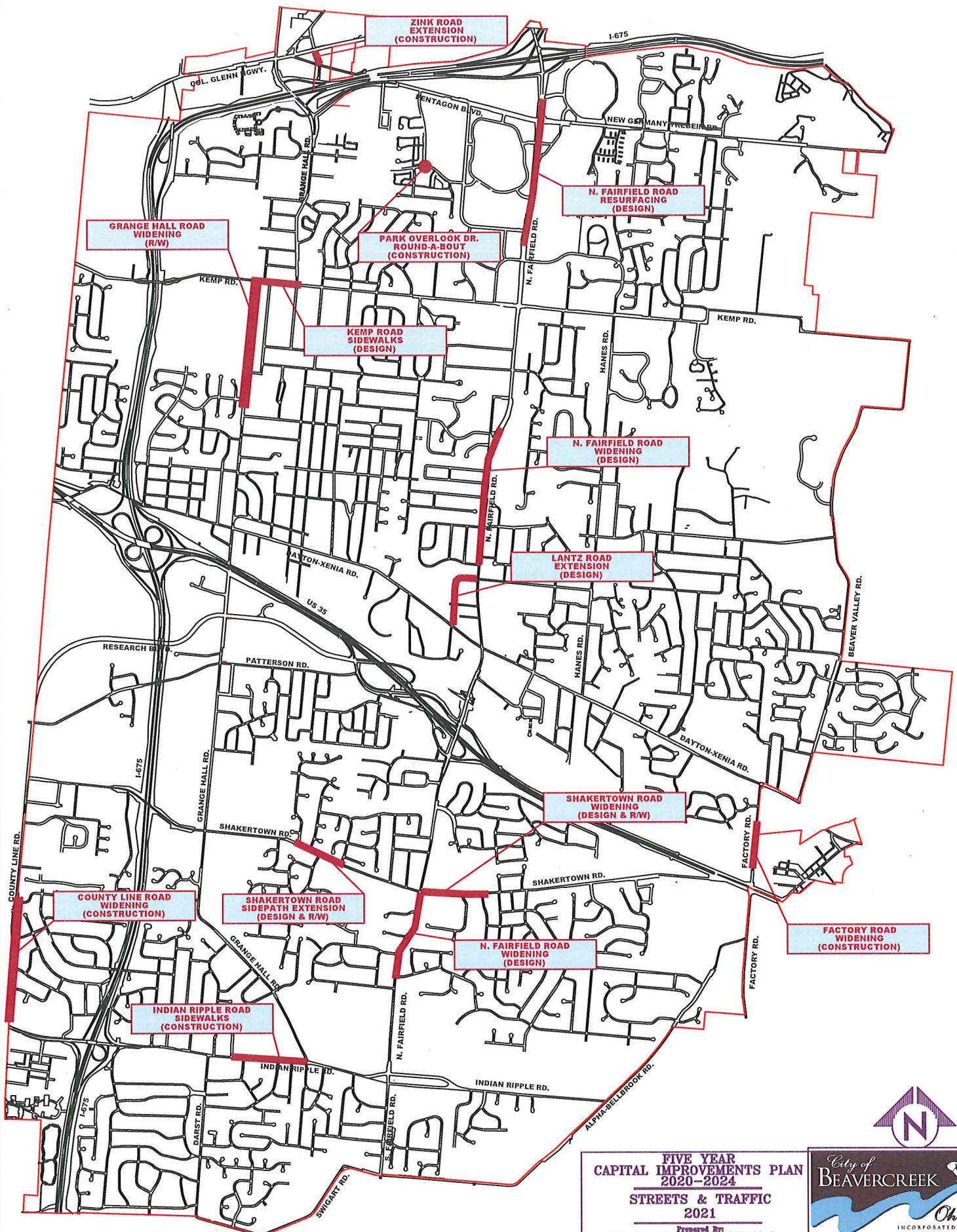


**FIVE YEAR  
CAPITAL IMPROVEMENTS PLAN  
2020-2024**

**STREETS & TRAFFIC  
2020**

Prepared By:  
The Department Of Public Works,  
Engineering Division



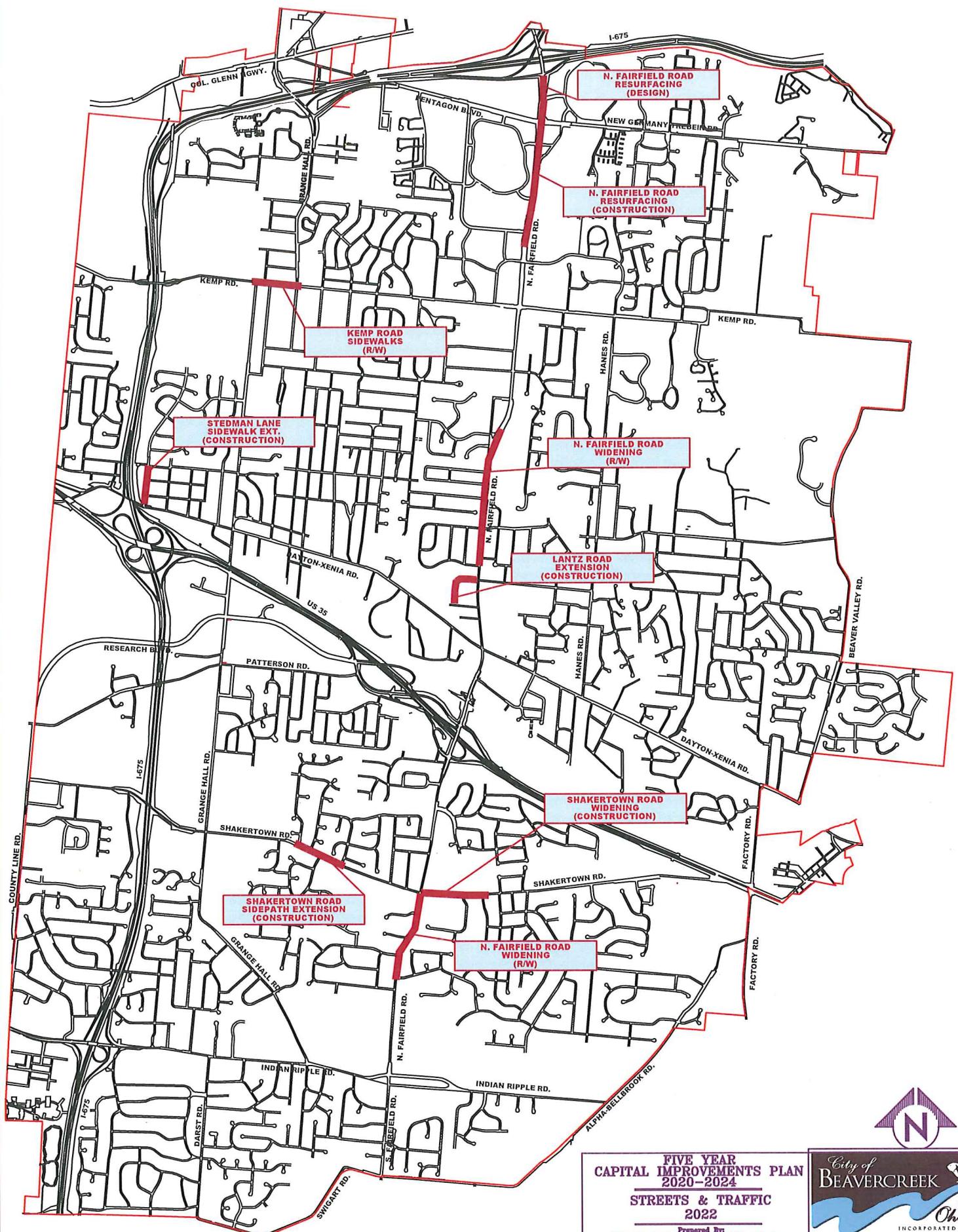


**FIVE YEAR  
CAPITAL IMPROVEMENTS PLAN  
2020-2024**

**STREETS & TRAFFIC  
2021**

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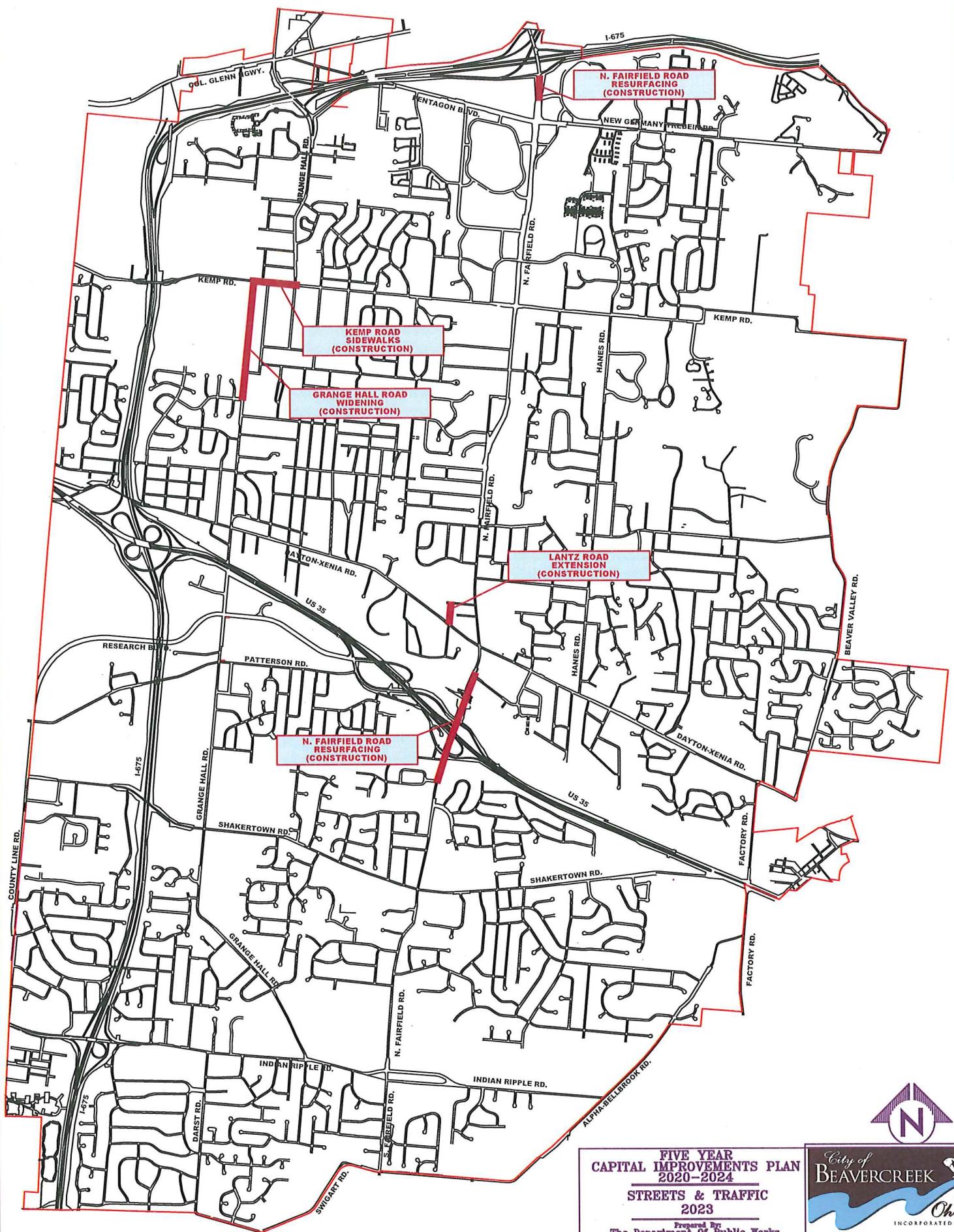


**FIVE YEAR  
CAPITAL IMPROVEMENTS PLAN  
2020-2024**

**STREETS & TRAFFIC  
2022**

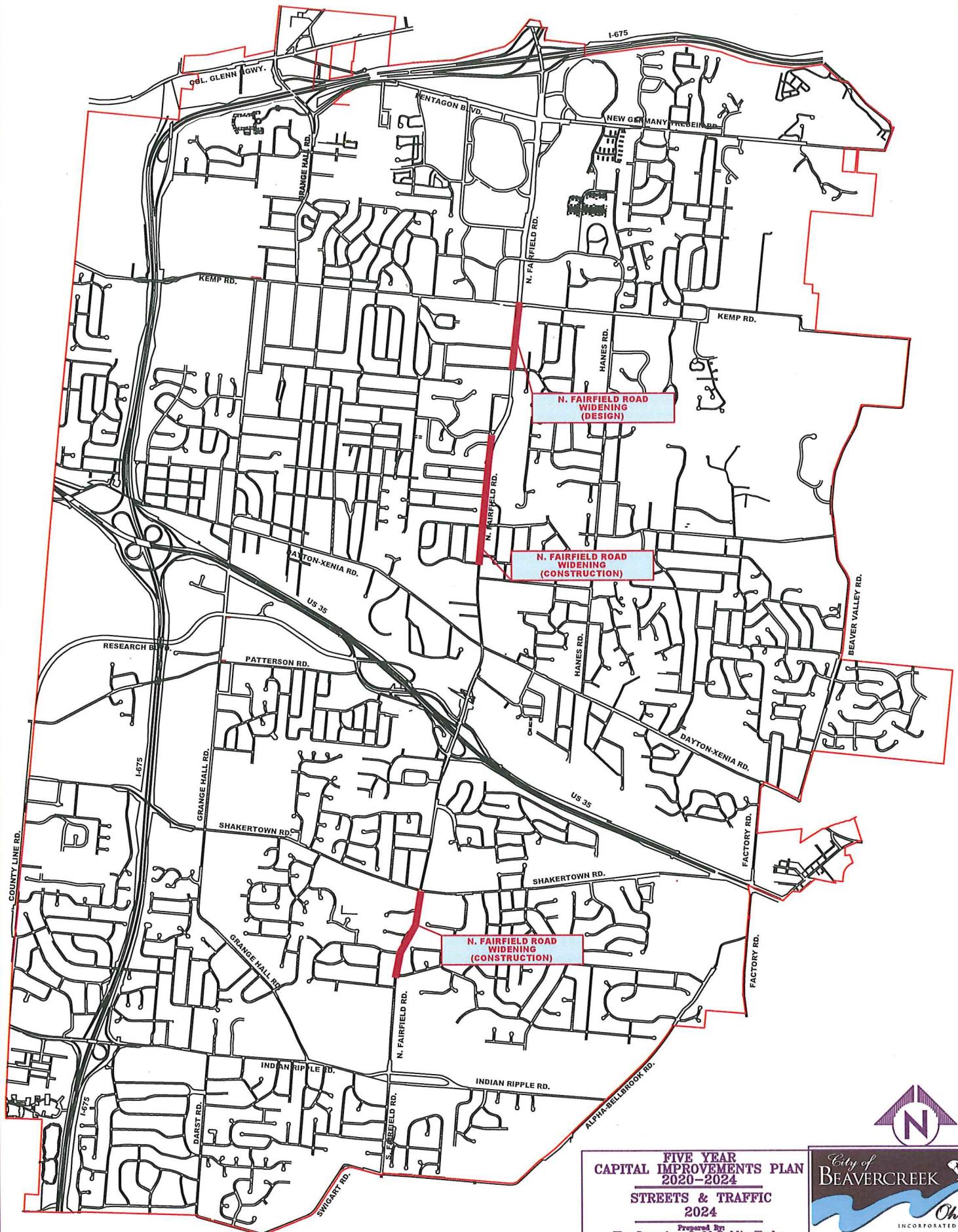
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Engineering Division





FIVE YEAR  
CAPITAL IMPROVEMENTS PLAN  
2020-2024  
STREETS & TRAFFIC  
2023  
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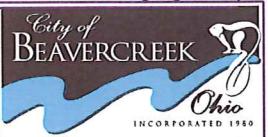




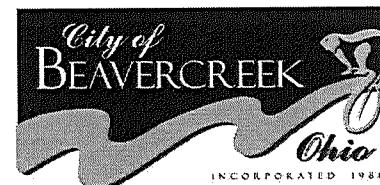
**FIVE YEAR  
CAPITAL IMPROVEMENTS PLAN  
2020-2024**

**STREETS & TRAFFIC  
2024**

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# 5 YEAR CAPITAL PROGRAM



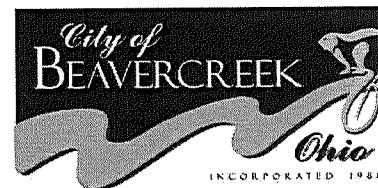
PROJECT DESCRIPTION	PROJECT DETAILS	PROJECT COST BREAKDOWN
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## STREET AND TRAFFIC CONSTRUCTION

### PROJECT YEAR 2020

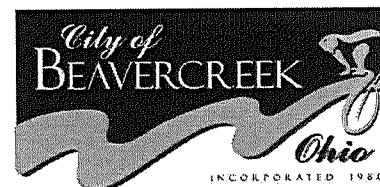
<b>Dayton-Xenia Rd. Widening Project</b>		<b>ESTIMATED TOTAL COST</b> <b>\$3,700,000.00</b>	
The widening of Dayton-Xenia Road to three (3) lanes from East Lynn Drive to Woods Drive; MVRPC Long Range Project #39.	ENGINEERING BY: CONSULTANT CONSTRUCTION PERFORMED BY: CONTRACTOR PROJECT TYPE: WIDENING	204	\$1,474,400.00
REFERENCE NO. 31		FHWA	\$2,225,600.00
<b>Indian Ripple Road Pedestrian Improvements</b>		<b>ESTIMATED TOTAL COST</b> <b>\$150,000.00</b>	
R/W Purchase	ENGINEERING BY: CONSULTANT CONSTRUCTION PERFORMED BY: PROJECT TYPE: R/W PURCHASE	260	\$150,000.00
			\$0.00
REFERENCE NO. 495			\$0.00
<b>County Line Road Widening Project</b>		<b>ESTIMATED TOTAL COST</b> <b>\$50,000.00</b>	
R/W Purchase	ENGINEERING BY: CONSULTANT CONSTRUCTION PERFORMED BY: PROJECT TYPE: R/W PURCHASE	204	\$50,000.00
			\$0.00
REFERENCE NO. 496			\$0.00

# 5 YEAR CAPITAL PROGRAM



PROJECT DESCRIPTION	PROJECT DETAILS	PROJECT COST BREAKDOWN	
<b>Factory Road Widening (Nutter Park to Creekside)</b>	<b>ESTIMATED TOTAL COST</b>		<b>\$200,000.00</b>
Final Design & R/W	ENGINEERING BY: CONSULTANT	260	\$200,000.00
	CONSTRUCTION PERFORMED BY:		\$0.00
	PROJECT TYPE: DESIGN		\$0.00
REFERENCE NO. 497			
<b>Grange Hall Road Widening (Kemp to Summerfield)</b>	<b>ESTIMATED TOTAL COST</b>		<b>\$200,000.00</b>
Final Design	ENGINEERING BY: CONSULTANT	204	\$200,000.00
	CONSTRUCTION PERFORMED BY:		\$0.00
	PROJECT TYPE: DESIGN		\$0.00
REFERENCE NO. 499			
<b>Kemp Road Signals Upgrades</b>	<b>ESTIMATED TOTAL COST</b>		<b>\$700,000.00</b>
Traffic signal upgrades including fiber optic cable installation, controller upgrades, etc.	ENGINEERING BY:	204	\$271,000.00
	CONSTRUCTION PERFORMED BY: CONTRACTOR	MVRPC	\$429,000.00
	PROJECT TYPE: CONSTRUCTION		\$0.00
REFERENCE NO. 503			
<b>Col. Glenn Hwy. Enhancements</b>	<b>ESTIMATED TOTAL COST</b>		<b>\$1,340,000.00</b>
The installation of decorative lighting and other features along Col. Glenn Hwy between Zink and east corp limit.	ENGINEERING BY: CONSULTANT	408	\$300,000.00
	CONSTRUCTION PERFORMED BY: CONTRACTOR	260	\$347,000.00
	PROJECT TYPE: CONSTRUCTION	MVRPC	\$693,000.00
REFERENCE NO. 505			

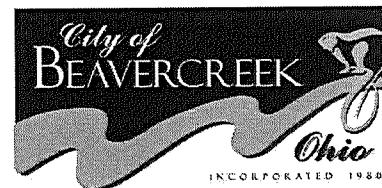
# 5 YEAR CAPITAL PROGRAM



PROJECT DESCRIPTION	PROJECT DETAILS	PROJECT COST BREAKDOWN	
<b>SR 835 Resurfacing</b>		<b>ESTIMATED TOTAL COST</b> <b>\$2,000,000.00</b>	
Roadway milling & resurfacing with concrete median repairs	ENGINEERING BY: CONSULTANT CONSTRUCTION PERFORMED BY: CONTRACTOR PROJECT TYPE: CONSTRUCTION	205	\$145,000.00
		260	\$337,781.00
		ODOT	\$1,517,219.00
REFERENCE NO. 533			
<b>Kemp Road Widening (Grange Hall to Meadowcourt)</b>		<b>ESTIMATED TOTAL COST</b> <b>\$2,960,000.00</b>	
Widening of Kemp Road to 3 lanes with curb, storm sewer and pedestrian facilities.	ENGINEERING BY: CONSULTANT CONSTRUCTION PERFORMED BY: CONTRACTOR PROJECT TYPE: NEW CONSTRUCTION	771	\$400,000.00
		260	\$752,390.00
		FHWA/OPWC	\$1,807,610.00
REFERENCE NO. 550			
<b>Lantz Road R/W Purchase</b>		<b>ESTIMATED TOTAL COST</b> <b>\$155,000.00</b>	
Purchase of new R/W for extension of Lantz Road	ENGINEERING BY: CONSULTANT CONSTRUCTION PERFORMED BY: CONTRACTOR PROJECT TYPE: R/W PURCHASE	260	\$155,000.00
			\$0.00
			\$0.00
REFERENCE NO. 551			
<b>N. Fairfield Road Traffic Signal Timing Upgrade</b>		<b>ESTIMATED TOTAL COST</b> <b>\$25,000.00</b>	
Signal system re-timing along N. Fairfield Road (US 35 to Lantz Road)	ENGINEERING BY: CONSULTANT CONSTRUCTION PERFORMED BY: PROJECT TYPE: DESIGN	408	\$25,000.00
			\$0.00
			\$0.00
REFERENCE NO. 553			

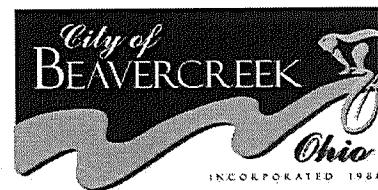
**PROJECT YEAR 2021**

# 5 YEAR CAPITAL PROGRAM



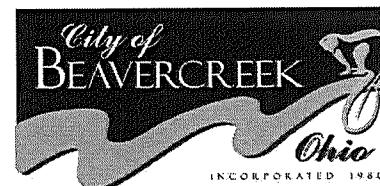
PROJECT DESCRIPTION	PROJECT DETAILS	PROJECT COST BREAKDOWN	
<b>Zink Rd Extension</b>		<b>ESTIMATED TOTAL COST</b> <b>\$150,000.00</b>	
Completion of extension of Zink Rd. between Col. Glenn Highway and Germany Lane	ENGINEERING BY:  CONSTRUCTION PERFORMED BY: CONTRACTOR  PROJECT TYPE: NEW CONSTRUCTION	771 DISTRICT 1 IMPACT FEE FUND  260	\$75,000.00  \$75,000.00  \$0.00
REFERENCE NO. 188			
<b>Park Overlook Round-a-bout</b>		<b>ESTIMATED TOTAL COST</b> <b>\$220,000.00</b>	
Construction of a Round-a-bout at Park Overlook and Royal Gateway	ENGINEERING BY:  CONSULTANT CONSTRUCTION PERFORMED BY: CONTRACTOR  PROJECT TYPE: NEW CONSTRUCTION	408  771 DISTRICT 1 IMPACT FEE EXPENDABLE T	\$110,000.00  \$110,000.00  \$0.00
REFERENCE NO. 374			
<b>Indian Ripple Road Sidewalks</b>		<b>ESTIMATED TOTAL COST</b> <b>\$840,000.00</b>	
The installation of curb and sidewalks along Indian Ripple Road from Marydale Dr. to Grange Hall Road	ENGINEERING BY:  CONSULTANT CONSTRUCTION PERFORMED BY: CONTRACTOR  PROJECT TYPE: CONSTRUCTION	203  204  MVRPC	\$240,200.00  \$250,000.00  \$349,800.00
REFERENCE NO. 507			
<b>County Line Road Widening Project</b>		<b>ESTIMATED TOTAL COST</b> <b>\$1,575,600.00</b>	
Widen County Line Road to 5 lanes between Willow Run and Indian Ripple Road. Potential joint project with City of Kettering	ENGINEERING BY:  KETTERING CONSTRUCTION PERFORMED BY: CONTRACTOR  PROJECT TYPE: CONSTRUCTION	203  MVRPC	\$645,600.00  \$930,000.00  \$0.00
REFERENCE NO. 510			

## 5 YEAR CAPITAL PROGRAM



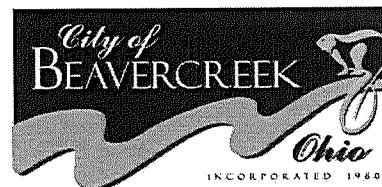
PROJECT DESCRIPTION	PROJECT DETAILS	PROJECT COST BREAKDOWN	
<b>Grange Hall Rd. Widening (Kemp to Summerfield)</b>		<b>ESTIMATED TOTAL COST</b> <b>\$350,000.00</b>	
Widening of Grange Hall Road to 3 lanes with pedestrian facilities.	ENGINEERING BY: CONSULTANT CONSTRUCTION PERFORMED BY:  PROJECT TYPE: R/W ACQUISITION	203	\$200,000.00
		204	\$100,000.00
		408	\$50,000.00
REFERENCE NO. 512			
<b>Superstreet Reimbursement to Greene County</b>		<b>ESTIMATED TOTAL COST</b> <b>\$50,000.00</b>	
Reimbursement to Greene County for Superstreet Local Share.	ENGINEERING BY:  CONSTRUCTION PERFORMED BY:  PROJECT TYPE: REIMBURSEMENT	203	\$50,000.00
			\$0.00
			\$0.00
REFERENCE NO. 513			
<b>Factory Road Widening (Nutter Park to Creekside)</b>		<b>ESTIMATED TOTAL COST</b> <b>\$825,000.00</b>	
Widen Factory Road to 3 lanes with pedestrian facilities between Nutter Park and the Creekside Trail.	ENGINEERING BY:  CONSTRUCTION PERFORMED BY: CONTRACTOR PROJECT TYPE: CONSTRUCTION	203	\$247,500.00
		MVRPC	\$577,500.00
			\$0.00
REFERENCE NO. 518			
<b>Kemp Rd. Sidewalks (GH to Oxmoor)</b>		<b>ESTIMATED TOTAL COST</b> <b>\$175,000.00</b>	
Design for sidewalks	ENGINEERING BY: CONSULTANT CONSTRUCTION PERFORMED BY:  PROJECT TYPE: DESIGN	204	\$100,000.00
		408	\$75,000.00
			\$0.00
REFERENCE NO. 535			

# 5 YEAR CAPITAL PROGRAM



PROJECT DESCRIPTION	PROJECT DETAILS	PROJECT COST BREAKDOWN	
<b>Lantz Road Extension - Design</b>		<b>ESTIMATED TOTAL COST</b> <b>\$150,000.00</b>	
Extension of Lantz Road from N. Fairfield to Dayton-Xenia	ENGINEERING BY:	260	\$150,000.00
	CONSULTANT		\$0.00
	CONSTRUCTION PERFORMED BY:		\$0.00
	CONTRACTOR		
REFERENCE NO. 554	PROJECT TYPE:		
	DESIGN		
<b>N. Fairfield Road Widening (Lawson to Fairwood)</b>		<b>ESTIMATED TOTAL COST</b> <b>\$200,000.00</b>	
Widen N. Fairfield Road to add center turn lane	ENGINEERING BY:	203	\$100,000.00
	CONSULTANT		\$100,000.00
	CONSTRUCTION PERFORMED BY:		\$0.00
	CONTRACTOR		
REFERENCE NO. 555	PROJECT TYPE:		
	NEW CONSTRUCTION		\$0.00
<b>N. Fairfield Widening (Shakertown to Plantation)</b>		<b>ESTIMATED TOTAL COST</b> <b>\$300,000.00</b>	
Widen N. Fairfield Road w/ storm, curb and pedestrian facilities	ENGINEERING BY:	204	\$300,000.00
	CONSULTANT		\$0.00
	CONSTRUCTION PERFORMED BY:		\$0.00
	CONTRACTOR		
REFERENCE NO. 556	PROJECT TYPE:		
	DESIGN		
<b>N. Fairfield Resurfacing (Lakeview to Crossing)</b>		<b>ESTIMATED TOTAL COST</b> <b>\$75,000.00</b>	
Mill and resurface roadway	ENGINEERING BY:	204	\$75,000.00
	CONSULTANT		\$0.00
	CONSTRUCTION PERFORMED BY:		\$0.00
	PROJECT TYPE:		
REFERENCE NO. 557	DESIGN		

# 5 YEAR CAPITAL PROGRAM

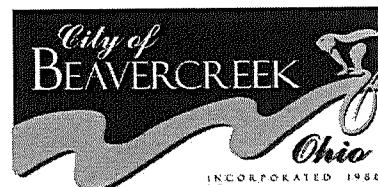


PROJECT DESCRIPTION	PROJECT DETAILS	PROJECT COST BREAKDOWN	
<b>Shakertown Widening (NFR to Carthage)</b>		<b>ESTIMATED TOTAL COST</b> <b>\$400,000.00</b>	
Widen Shakertown Road with curb, storm sewer and pedestrian facilities - Final Design and R/W	ENGINEERING BY:	408	\$200,000.00
	CONSULTANT		
	CONSTRUCTION PERFORMED BY:	260	\$200,000.00
	PROJECT TYPE: DESIGN		\$0.00
REFERENCE NO. 558			

## PROJECT YEAR 2022

<b>N. Fairfield Road Resurfacing (Lakeview to Corp)</b>		<b>ESTIMATED TOTAL COST</b> <b>\$1,500,000.00</b>	
Milling, resurfacing, and pavement repairs to N. Fairfield Road between Lakeview and north corp. line	ENGINEERING BY:	203	\$500,000.00
	CONSTRUCTION PERFORMED BY:	408	\$500,000.00
	CONTRACTOR		
	PROJECT TYPE: REPAIR	260	\$500,000.00
REFERENCE NO. 514			
<b>Reimbursement payment to Greene County</b>		<b>ESTIMATED TOTAL COST</b> <b>\$50,000.00</b>	
Reimbursement payment to Greene County towards local share of Superstreet (Payment 2 of 5)	ENGINEERING BY:	203	\$50,000.00
	CONSTRUCTION PERFORMED BY:		\$0.00
	CONTRACTOR		
	PROJECT TYPE: REIMBURSEMENT		\$0.00
REFERENCE NO. 520			
<b>N. Fairfield Road Widening (Lawson to Fairwood)</b>		<b>ESTIMATED TOTAL COST</b> <b>\$500,000.00</b>	
R/W Purchase for road widening	ENGINEERING BY:	203	\$100,000.00
	CONSULTANT		
	CONSTRUCTION PERFORMED BY:	204	\$200,000.00
	CONTRACTOR		
REFERENCE NO. 539	PROJECT TYPE: R/W ACQUISITION	408	\$200,000.00

# 5 YEAR CAPITAL PROGRAM



PROJECT DESCRIPTION	PROJECT DETAILS	PROJECT COST BREAKDOWN	
<b>N. Fairfield Rd Resurfacing (Lakeview to Crossing)</b>		<b>ESTIMATED TOTAL COST</b> <b>\$750,000.00</b>	
Milling and resurfacing of N. Fairfield Road between Lakeview and Crossing	ENGINEERING BY:	204	\$250,000.00
	CONSULTANT		
	CONSTRUCTION PERFORMED BY:	260	\$500,000.00
	CONTRACTOR		\$0.00
REFERENCE NO. 559	PROJECT TYPE:		
	CONSTRUCTION		
<b>N. Fairfield Rd Resurfacing (Crossing to I-675)</b>		<b>ESTIMATED TOTAL COST</b> <b>\$50,000.00</b>	
Pavement repairs and asphalt overlay	ENGINEERING BY:	203	\$50,000.00
	CONSULTANT		
	CONSTRUCTION PERFORMED BY:		\$0.00
			\$0.00
REFERENCE NO. 560	PROJECT TYPE:		
	DESIGN		
<b>Lantz Rd Extension - Part 1</b>		<b>ESTIMATED TOTAL COST</b> <b>\$500,000.00</b>	
Extension of Lantz Road from N. Fairfield to Rock Drive	ENGINEERING BY:	260	\$500,000.00
	CONSULTANT		
	CONSTRUCTION PERFORMED BY:		\$0.00
	CONTRACTOR		\$0.00
REFERENCE NO. 561	PROJECT TYPE:		
	CONSTRUCTION		
<b>Shakertown Rd Widening (NFR to Carthage)</b>		<b>ESTIMATED TOTAL COST</b> <b>\$1,800,000.00</b>	
Widening of Shakertown Road including curb, storm sewer and pedestrian facilities	ENGINEERING BY:	203	\$500,000.00
	CONSULTANT		
	CONSTRUCTION PERFORMED BY:	204	\$1,000,000.00
	CONTRACTOR		
REFERENCE NO. 562	PROJECT TYPE:		
	CONSTRUCTION		\$300,000.00

# 5 YEAR CAPITAL PROGRAM

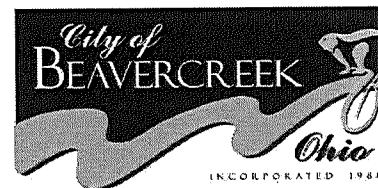


PROJECT DESCRIPTION	PROJECT DETAILS	PROJECT COST BREAKDOWN	
<b>N Fairfield Widening (Shakertown to Plantation)</b>	<b>ESTIMATED TOTAL COST</b>		<b>\$500,000.00</b>
Widening of Shakertown Road including curb, storm sewer, pedestrian facilities	ENGINEERING BY: CONSULTANT CONSTRUCTION PERFORMED BY: CONTRACTOR PROJECT TYPE: DESIGN AND R/W	203	\$500,000.00
			\$0.00
			\$0.00
REFERENCE NO. 563			

## PROJECT YEAR 2023

<b>Grange Hall Road Widening (Kemp to Summerfield)</b>	<b>ESTIMATED TOTAL COST</b>		<b>\$2,996,000.00</b>
Widen Grange Hall Road between Kemp Road and Summerfield to 3 lanes along with pedestrian improvements.	ENGINEERING BY: CONSTRUCTION PERFORMED BY: CONTRACTOR PROJECT TYPE: CONSTRUCTION	260	\$749,000.00
		MVRPC	\$2,247,000.00
			\$0.00
REFERENCE NO. 517			
<b>N. Fairfield Rd Resurfacing (Beaver Vu - Jonathon)</b>	<b>ESTIMATED TOTAL COST</b>		<b>\$1,500,000.00</b>
Roadway milling & resurfacing	ENGINEERING BY: CONSTRUCTION PERFORMED BY: CONTRACTOR PROJECT TYPE: CONSTRUCTION	203&204	\$1,000,000.00
		260	\$500,000.00
			\$0.00
REFERENCE NO. 543			
<b>Superstreet payment (3 of 5)</b>	<b>ESTIMATED TOTAL COST</b>		<b>\$50,000.00</b>
Payment to Greene Co.	ENGINEERING BY: CONSTRUCTION PERFORMED BY: PROJECT TYPE:	203	\$50,000.00
			\$0.00
			\$0.00
REFERENCE NO. 544			

# 5 YEAR CAPITAL PROGRAM

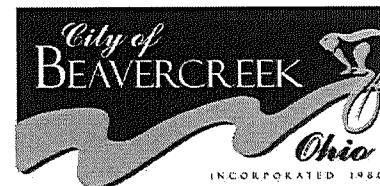


PROJECT DESCRIPTION	PROJECT DETAILS	PROJECT COST BREAKDOWN	
<b>Lantz Road Extension - Part 2</b>		<b>ESTIMATED TOTAL COST</b> <b>\$500,000.00</b>	
Extension of Lantz Road from Rock to Dayton-Xenia	ENGINEERING BY:	204	\$500,000.00
	CONSULTANT		\$0.00
	CONSTRUCTION PERFORMED BY:		\$0.00
	CONTRACTOR		\$0.00
REFERENCE NO. 564	PROJECT TYPE:		
	CONSTRUCTION		
<b>N Fairfield Resurfacing (Crossing to I-675)</b>		<b>ESTIMATED TOTAL COST</b> <b>\$600,000.00</b>	
Pavement repairs and asphalt overlay	ENGINEERING BY:	204	\$300,000.00
	CONSULTANT		\$300,000.00
	CONSTRUCTION PERFORMED BY:		\$0.00
	CONTRACTOR		\$0.00
REFERENCE NO. 565	PROJECT TYPE:		
	CONSTRUCTION		

## PROJECT YEAR 2024

<b>N. Fairfield Road Widening (Claydor to Kemp)</b>		<b>ESTIMATED TOTAL COST</b> <b>\$300,000.00</b>	
Design for widening of N. Fairfield Rd.	ENGINEERING BY:	204	\$150,000.00
	CONSULTANT		\$150,000.00
	CONSTRUCTION PERFORMED BY:		\$0.00
	PROJECT TYPE:		
REFERENCE NO. 534	DESIGN		
<b>N. Fairfield Road Widening (Lawson to Fairwood)</b>		<b>ESTIMATED TOTAL COST</b> <b>\$1,712,000.00</b>	
Roadway Construction	ENGINEERING BY:	204	\$513,600.00
	CONSTRUCTION PERFORMED BY:	MVRPC	\$1,198,400.00
	CONTRACTOR		\$0.00
	PROJECT TYPE:		
REFERENCE NO. 540	CONSTRUCTION		

# 5 YEAR CAPITAL PROGRAM



PROJECT DESCRIPTION	PROJECT DETAILS	PROJECT COST BREAKDOWN	
<b>N Fairfield Widening (Shakertown to Plantation)</b>	<b>ESTIMATED TOTAL COST</b>		<b>\$2,621,500.00</b>
Widen to 3 lanes with curb, storm sewer and pedestrian facilities	ENGINEERING BY:	203	\$500,000.00
	CONSULTANT		
	CONSTRUCTION PERFORMED BY:	408	\$286,450.00
	CONTRACTOR		
REFERENCE NO. 566	PROJECT TYPE:	MVRPC	\$1,835,050.00
	CONSTRUCTION		
<b>Superstreet - Payment number 4 of 5</b>	<b>ESTIMATED TOTAL COST</b>		<b>\$50,000.00</b>
Payment to Greene County	ENGINEERING BY:	203	\$50,000.00
	CONSTRUCTION PERFORMED BY:		\$0.00
	PROJECT TYPE:		\$0.00
REFERENCE NO. 567			

## PROJECT YEAR 2032-2036

<b>I-675/Grange Hall Road Interchange</b>	<b>ESTIMATED TOTAL COST</b>		<b>\$24,370,000.00</b>
Project adds a full movement interchange at Grange Hall Road and I-675; MVRPC Long Range Plan Project #5.	ENGINEERING BY:	TO BE DETERMINED	\$0.00
	CONSULTANT		
	CONSTRUCTION PERFORMED BY:	TO BE DETERMINED	\$24,370,000.00
	CONTRACTOR		
REFERENCE NO. 30	PROJECT TYPE:	TO BE DETERMINED	\$0.00
	NEW CONSTRUCTION		
<b>Shakertown Road at I-675 Interchange Project</b>	<b>ESTIMATED TOTAL COST</b>		<b>\$50,000,000.00</b>
The construction of a new interchange at Shakertown Road and I-675 to improve access to the Research Park; MVRPC Long Range Plan Project #407.	ENGINEERING BY:	TO BE DETERMINED	\$500,000.00
	CONSULTANT		
	CONSTRUCTION PERFORMED BY:	TO BE DETERMINED	\$49,500,000.00
	CONTRACTOR		
REFERENCE NO. 41	PROJECT TYPE:	TO BE DETERMINED	\$0.00
	REPAIR		

## PLANNING FOR BUILDINGS AND LANDS

The City of Beavercreek maintains various facilities which require long range planning for continual maintenance and/or expansion to meet the needs of its residents and the various departments which operate in those facilities including:

- Police Building
- City Hall
- Charles & Anna Mae Lofino Adult Enrichment and Cultural Arts Center
- C. I. Beaver Hall
- Cemetery Maintenance Building
- Municipal Maintenance Facility
- Salt Storage Barn
- Beavercreek Golf Course Club House
- Golf Course Maintenance Building

Each of the City's nine (9) facilities are covered under the General Fund or the particular fund under which the Department is funded.

In 2017 and in 2018 studies were conducted to evaluate the current operations at both City Hall and at the Police Building. These studies identified many building deficiencies at the Police Building, and many building age and aesthetic issues at City Hall. These studies recommended evaluating the construction of a combined City Hall/Police Building to address these deficiencies and to utilize shared spaces in the new building. By sharing space between the City Hall and Police Department functions, the size of the new building may be reduced and efficiencies created. This report has spurred an interest in evaluating potential sites for a possible new facility. It is anticipated that discussions on the best way to address the Police and City Hall building needs will continue into 2020.

Listed on the following page is a summary of the anticipated maintenance needs of City owned buildings over the next 10 year period.

## DRAFT City of Beavercreek Building Capital Improvement 10-Year

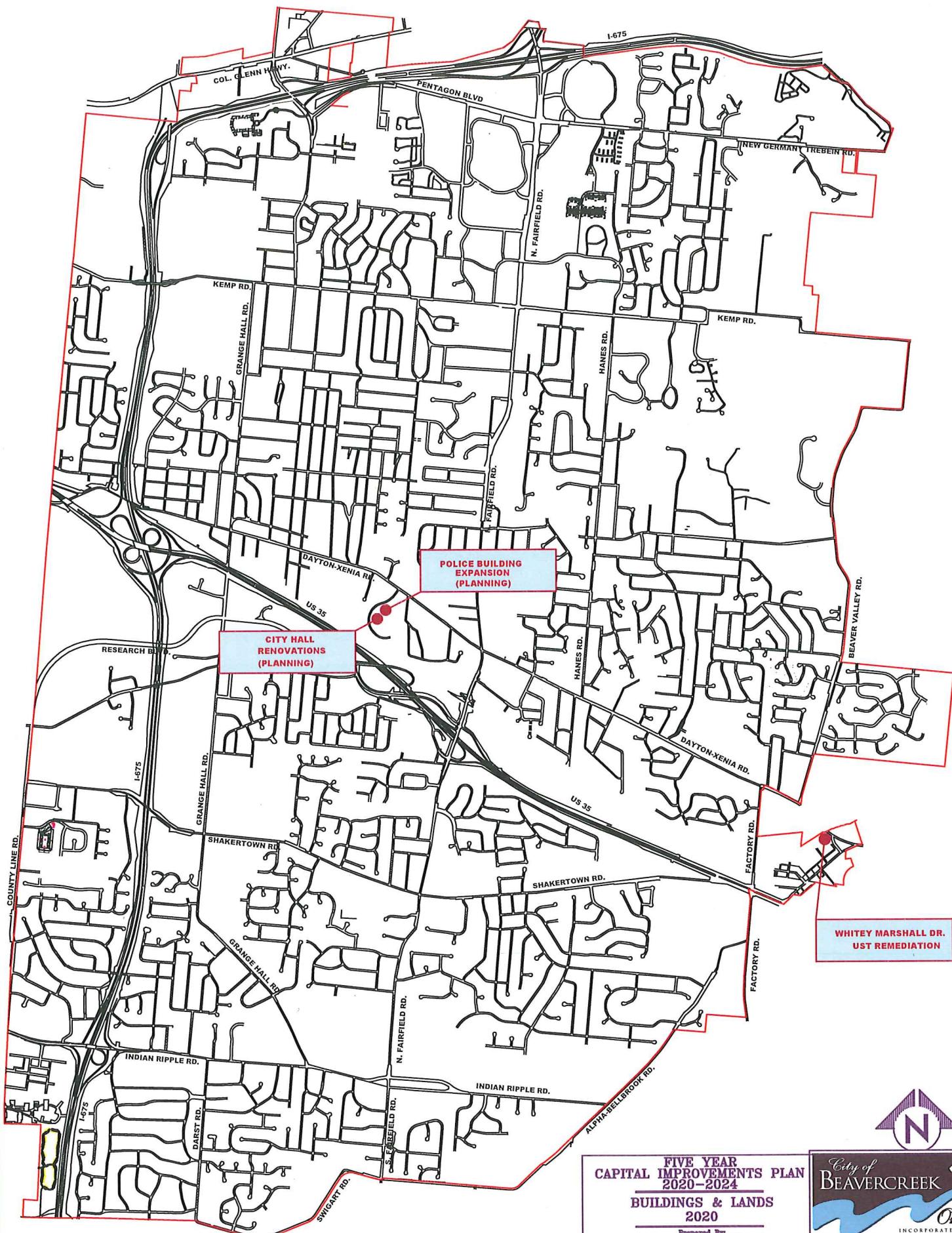
### DESCRIPTION    TOTALS, UNESCALATED

Facility	Year 2020	Year 2021	Year 2022	Year 2023	Year 2024	Year 2025	Year 2026	Year 2027	Year 2028	Year 2029	Year 2030	10 Year Total
BIKE STATION	24,716.00	8,468.00	1,770.00	9,420.00	653.00	14,172.00	8,468.00	-	-	-	37,763.00	105,430.00
CI BEAVER	26,295.00	11,597.00	41,035.00	56,475.00	21,718.00	11,519.00	7,516.00	-	26,146.00	6,629.00	401,340.00	610,270.00
CITY HALL	101,824.00	15,215.00	99,460.00	57,307.00	23,961.00	45,736.00	50,492.00	134,502.00	739,480.00	-	1,410.00	1,269,387.00
GOLF	38,076.00	204,115.00	29,591.00	165,818.00	58,430.00	299,485.00	258,886.00	3,529.00	122,257.00	51,729.00	57,756.00	1,289,672.00
MMF	-	-	3,996.00	289,999.00	21,750.00	-	24,684.00	-	312,287.00	-	-	652,716.00
MZP	20,928.00	-	7,600.00	-	4,681.00	-	-	-	26,456.00	-	-	59,665.00
PD	6,726.00	80,844.00	300,563.00	121,044.00	4,145.00	107,469.00	46,803.00	556,009.00	225,819.00	-	6,726.00	1,456,148.00
SENIOR CENTER	226,086.00	36,788.00	12,447.00	107,146.00	35,497.00	337,216.00	125,259.00	1,102.00	152,147.00	24,491.00	12,881.00	1,071,060.00
<b>Grand Total</b>	<b>\$ 444,651.00</b>	<b>\$ 357,027.00</b>	<b>\$ 496,462.00</b>	<b>\$ 807,209.00</b>	<b>\$ 170,835.00</b>	<b>\$ 815,597.00</b>	<b>\$ 522,108.00</b>	<b>\$ 695,142.00</b>	<b>\$ 1,604,592.00</b>	<b>\$ 82,849.00</b>	<b>\$ 517,876.00</b>	<b>\$ 6,514,348.00</b>

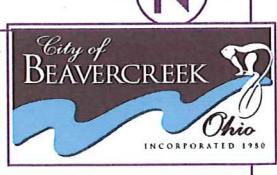
### DESCRIPTION    TOTALS ESCALATED (3% INFLATION COMPOUNDED ANNUALLY)

Facility	Year 2020	Year 2021	Year 2022	Year 2023	Year 2024	Year 2025	Year 2026	Year 2027	Year 2028	Year 2029	Year 2030	10 Year Total
BIKE STATION	26,221.20	9,253.21	1,992.15	10,920.36	779.72	17,429.77	10,727.01	-	-	-	53,841.01	131,164.43
CI BEAVER	27,896.37	12,672.36	46,185.25	65,470.00	25,932.43	14,166.92	9,521.04	-	35,138.04	9,176.09	572,214.87	818,373.36
CITY HALL	108,025.08	16,625.84	111,943.11	66,434.52	28,610.69	56,249.51	63,961.75	175,494.60	993,799.28	-	2,010.32	1,623,154.71
GOLF	40,394.83	223,041.97	33,304.93	192,228.51	69,768.48	368,328.77	327,949.04	4,604.54	164,303.18	71,605.03	82,346.25	1,577,875.54
MMF	-	-	4,497.53	336,188.32	25,970.64	-	31,268.95	-	419,687.61	-	-	817,613.06
MZP	22,202.52	-	8,553.87	-	5,589.36	-	-	-	35,554.65	-	-	71,900.39
PD	7,135.61	88,340.42	338,286.30	140,323.17	4,949.35	132,173.31	59,288.64	725,465.63	303,481.85	-	9,589.67	1,809,033.97
SENIOR CENTER	239,854.64	40,199.24	14,009.21	124,211.58	42,385.27	414,733.15	158,674.35	1,437.86	204,472.85	33,901.27	18,365.23	1,292,244.64
<b>Grand Total</b>	<b>\$ 471,730.25</b>	<b>\$ 390,133.04</b>	<b>\$ 558,772.35</b>	<b>\$ 935,776.47</b>	<b>\$ 203,985.92</b>	<b>\$ 1,003,081.44</b>	<b>\$ 661,390.79</b>	<b>\$ 907,002.64</b>	<b>\$ 2,156,437.47</b>	<b>\$ 114,682.39</b>	<b>\$ 738,367.35</b>	<b>\$ 8,141,360.11</b>

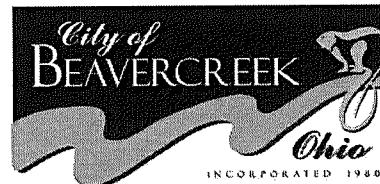
*\*Does not include Rotary Park and other park facilities/infrastructures.*



**FIVE YEAR  
CAPITAL IMPROVEMENTS PLAN  
2020-2024**  
**BUILDINGS & LANDS  
2020**  
Prepared by  
The Department of Public Works,  
Engineering Division



# 5 YEAR CAPITAL PROGRAM



PROJECT DESCRIPTION	PROJECT DETAILS	PROJECT COST BREAKDOWN
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## BUILDINGS AND LAND

### PROJECT YEAR 2020

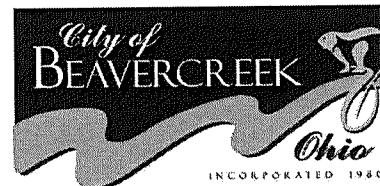
Whitey Marshall Drive - Cleanup of old UST Site	ESTIMATED TOTAL COST	\$40,000.00
Removal of soil to meet BUSTER cleanup requirements.	ENGINEERING BY:	\$0.00
	CONSTRUCTION PERFORMED BY:	\$40,000.00
	CONTRACTOR	
	PROJECT TYPE:	\$0.00
REFERENCE NO. 192		

### PROJECT YEAR 2021

City Hall and Police Building Upgrades - Design	ESTIMATED TOTAL COST	\$200,000.00
Final architecture and site plans for City Hall & Police Bldg Upgrades.	ENGINEERING BY:	\$0.00
	CONSULTANT	
	CONSTRUCTION PERFORMED BY:	\$200,000.00
	CONTRACTOR	
	PROJECT TYPE:	\$0.00
REFERENCE NO. 71	BUILDING	
Future City Hall & Police Building Land Purchase	ESTIMATED TOTAL COST	\$500,000.00
Land Purchase for expanded and/or new Police Building or City Hall	ENGINEERING BY:	\$500,000.00
	CONSULTANT	
	CONSTRUCTION PERFORMED BY:	\$0.00
	N/A	
	PROJECT TYPE:	\$0.00
REFERENCE NO. 441	BUILDING	

### PROJECT YEAR 2022

# 5 YEAR CAPITAL PROGRAM



PROJECT DESCRIPTION	PROJECT DETAILS	PROJECT COST BREAKDOWN	
<b>Appliance Replacements</b>		<b>ESTIMATED TOTAL COST</b> <b>\$4,497.53</b>	
MMF appliance replacements	ENGINEERING BY: N/A CONSTRUCTION PERFORMED BY: IN-HOUSE PROJECT TYPE: REPLACEMENT	203	\$4,497.53
			\$0.00
			\$0.00
REFERENCE NO. 598			

## PROJECT YEAR 2023

<b>MMF Roof Replacement</b>	<b>ESTIMATED TOTAL COST</b> <b>\$55,506.04</b>
Replacement of asphalt shingle roof at MMF	203
	\$55,506.04
	\$0.00
	\$0.00
REFERENCE NO. 599	
<b>MMF Gutters &amp; Downspouts</b>	<b>ESTIMATED TOTAL COST</b> <b>\$0.00</b>
REFERENCE NO. 600	

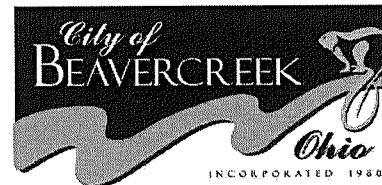
## PROJECT YEAR 2024-2029

## 5 YEAR CAPITAL PROGRAM



PROJECT DESCRIPTION	PROJECT DETAILS	PROJECT COST BREAKDOWN	
<b>Construction of new City Hall and Police Building</b>		<b>ESTIMATED TOTAL COST</b> <b>\$15,000,000.00</b>	
Construction of a new Police & City Hall Building	ENGINEERING BY:	TO BE DETERMINED	\$15,000,000.00
	CONSULTANT		\$0.00
	CONSTRUCTION PERFORMED BY:		\$0.00
	CONTRACTOR		
REFERENCE NO.	58	PROJECT TYPE:	NEW CONSTRUCTION

# 5 YEAR CAPITAL PROGRAM

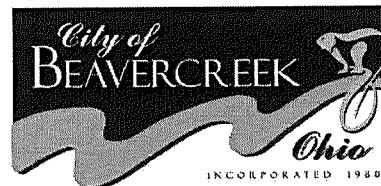


PROJECT DESCRIPTION	PROJECT DETAILS	PROJECT COST BREAKDOWN
	<b>CI BEAVER</b>	

## PROJECT YEAR 2020

<b>EXTERIOR WALL CONCRETE BLOCK REPAIR</b>	<b>ESTIMATED TOTAL COST</b>	<b>\$9,887.00</b>
	ENGINEERING BY: N/A	279 \$9,887.00
	CONSTRUCTION PERFORMED BY: CONTRACTOR	\$0.00
	PROJECT TYPE: REPLACEMENT	\$0.00
REFERENCE NO. 667		
<b>ADA LEVEL III STUDY</b>	<b>ESTIMATED TOTAL COST</b>	<b>\$7,500.00</b>
	ENGINEERING BY: CONSULTANT	279 \$7,500.00
	CONSTRUCTION PERFORMED BY: CONTRACTOR	\$0.00
	PROJECT TYPE: REPLACEMENT	\$0.00
REFERENCE NO. 668		
<b>WATER SOFTENER 10 GAL REPLACEMENT</b>	<b>ESTIMATED TOTAL COST</b>	<b>\$2,828.00</b>
	ENGINEERING BY: N/A	279 \$2,828.00
	CONSTRUCTION PERFORMED BY: CONTRACTOR	\$0.00
	PROJECT TYPE: REPLACEMENT	\$0.00
REFERENCE NO. 669		

## 5 YEAR CAPITAL PROGRAM

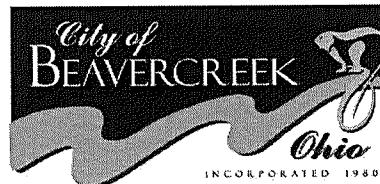


PROJECT DESCRIPTION	PROJECT DETAILS	PROJECT COST BREAKDOWN	
<b>PARKING LOT SEAL AND STRIPE (16000 SF)</b>		<b>ESTIMATED TOTAL COST</b> <b>\$6,080.00</b>	
	ENGINEERING BY: IN-HOUSE	279	\$6,080.00
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
REFERENCE NO. 670			

### PROJECT YEAR 2021

<b>EXIT LIGHTING LED REPLACEMENT</b>		<b>ESTIMATED TOTAL COST</b> <b>\$1,327.66</b>	
	ENGINEERING BY: N/A	279	\$1,327.66
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
REFERENCE NO. 673			
<b>ASPHALT PLAY SURFACES SEAL AND STRIPE (5000 SF)</b>		<b>ESTIMATED TOTAL COST</b> <b>\$2,076.18</b>	
	ENGINEERING BY: IN-HOUSE	279	\$2,076.18
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
REFERENCE NO. 674			
<b>ELECTRIC FURNACE REPLACEMENT</b>		<b>ESTIMATED TOTAL COST</b> <b>\$9,268.51</b>	
	ENGINEERING BY: N/A	279	\$9,268.51
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
REFERENCE NO. 676			

# 5 YEAR CAPITAL PROGRAM



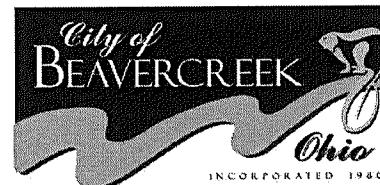
PROJECT DESCRIPTION	PROJECT DETAILS	PROJECT COST BREAKDOWN
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## PROJECT YEAR 2022

<b>CONDENSING UNIT/HEAT PUMP 5 TON REPLACEMENT</b>		<b>ESTIMATED TOTAL COST</b>	<b>\$7,248.28</b>
	ENGINEERING BY: N/A CONSTRUCTION PERFORMED BY: CONTRACTOR PROJECT TYPE: REPLACEMENT	279	\$7,248.28
REFERENCE NO.	677		\$0.00
			\$0.00
<b>SPRINKLER SYSTEM UPGRADES</b>		<b>ESTIMATED TOTAL COST</b>	<b>\$28,264.90</b>
	ENGINEERING BY: N/A CONSTRUCTION PERFORMED BY: CONTRACTOR PROJECT TYPE: REPLACEMENT	279	\$28,264.90
REFERENCE NO.	678		\$0.00
			\$0.00
<b>FIRE ALARM SYSTEM INSTALL</b>		<b>ESTIMATED TOTAL COST</b>	<b>\$10,672.07</b>
	ENGINEERING BY: N/A CONSTRUCTION PERFORMED BY: CONTRACTOR PROJECT TYPE: REPLACEMENT	279	\$10,672.07
REFERENCE NO.	679		\$0.00
			\$0.00

## PROJECT YEAR 2023

# 5 YEAR CAPITAL PROGRAM

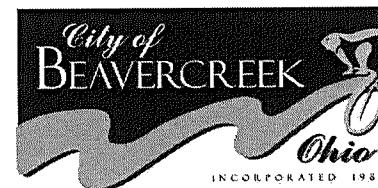


PROJECT DESCRIPTION	PROJECT DETAILS	PROJECT COST BREAKDOWN	
<b>PARKING LOT MILL AND FILL</b>		<b>ESTIMATED TOTAL COST</b> <b>\$60,838.70</b>	
	ENGINEERING BY: IN-HOUSE	279	\$60,838.70
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
REFERENCE NO. 680			
<b>SITE FURNISHINGS (PICNIC TABLES) REPLACEMENT</b>		<b>ESTIMATED TOTAL COST</b> <b>\$1,613.17</b>	
	ENGINEERING BY: N/A	279	\$1,613.17
	CONSTRUCTION PERFORMED BY: IN-HOUSE		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
REFERENCE NO. 681			
<b>BACKFLOW PREVENTER 2" REPLACEMENT</b>		<b>ESTIMATED TOTAL COST</b> <b>\$3,017.59</b>	
	ENGINEERING BY: N/A	279	\$3,017.59
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
REFERENCE NO. 682			

## PROJECT YEAR 2024

<b>INTERIOR PAINT</b>		<b>ESTIMATED TOTAL COST</b> <b>\$11,253.94</b>	
	ENGINEERING BY: N/A	279	\$11,253.94
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
REFERENCE NO. 683			

# 5 YEAR CAPITAL PROGRAM

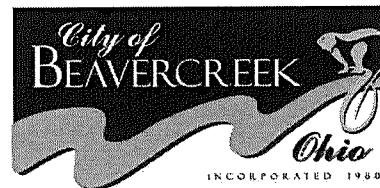


PROJECT DESCRIPTION	PROJECT DETAILS	PROJECT COST BREAKDOWN	
<b>INTERIOR CEILING TILE REPLACEMENT</b>		<b>ESTIMATED TOTAL COST</b> <b>\$13,926.23</b>	
REFERENCE NO. 684	ENGINEERING BY: N/A	279	\$13,926.23
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
<b>FIRE EXTINGUISHER REPLACEMENT</b>		<b>ESTIMATED TOTAL COST</b> <b>\$752.25</b>	
REFERENCE NO. 685	ENGINEERING BY: N/A	279	\$752.25
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00

## PROJECT YEAR 2025

<b>PARKING LOT SEAL AND STRIPE (16000 SF)</b>		<b>ESTIMATED TOTAL COST</b> <b>\$7,477.63</b>	
REFERENCE NO. 671	ENGINEERING BY: IN-HOUSE	279	\$7,477.63
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
<b>EXTERIOR WALL PAINT</b>		<b>ESTIMATED TOTAL COST</b> <b>\$6,689.28</b>	
REFERENCE NO. 686	ENGINEERING BY: N/A	279	\$6,689.28
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00

# 5 YEAR CAPITAL PROGRAM

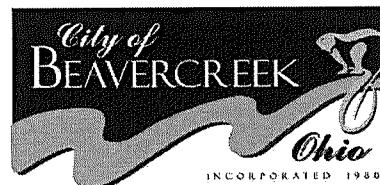


PROJECT DESCRIPTION	PROJECT DETAILS	PROJECT COST BREAKDOWN
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## PROJECT YEAR 2026

<b>ASPHALT PLAY SURFACES SEAL AND STRIPE (5000 SF)</b>		<b>ESTIMATED TOTAL COST</b>	<b>\$2,406.86</b>
	ENGINEERING BY: IN-HOUSE CONSTRUCTION PERFORMED BY: CONTRACTOR PROJECT TYPE: REPLACEMENT	279	\$2,406.86
REFERENCE NO.	675		\$0.00
			\$0.00
<b>TOILET REPLACEMENT (3)</b>		<b>ESTIMATED TOTAL COST</b>	<b>\$4,009.33</b>
	ENGINEERING BY: N/A CONSTRUCTION PERFORMED BY: CONTRACTOR PROJECT TYPE: REPLACEMENT	279	\$4,009.33
REFERENCE NO.	687		\$0.00
			\$0.00
<b>URINAL REPLACEMENT (1)</b>		<b>ESTIMATED TOTAL COST</b>	<b>\$1,511.26</b>
	ENGINEERING BY: N/A CONSTRUCTION PERFORMED BY: CONTRACTOR PROJECT TYPE: REPLACEMENT	279	\$1,511.26
REFERENCE NO.	688		\$0.00
			\$0.00
<b>DRINKING FOUNTAIN REPLACEMENT</b>		<b>ESTIMATED TOTAL COST</b>	<b>\$1,593.60</b>
	ENGINEERING BY: N/A CONSTRUCTION PERFORMED BY: CONTRACTOR PROJECT TYPE: REPLACEMENT	279	\$1,593.60
REFERENCE NO.	689		\$0.00
			\$0.00

# 5 YEAR CAPITAL PROGRAM

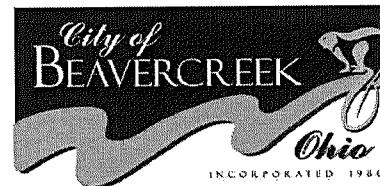


PROJECT DESCRIPTION	PROJECT DETAILS	PROJECT COST BREAKDOWN
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## PROJECT YEAR 2028

<b>EXTERIOR DOOR REPLACEMENT (2)</b>		<b>ESTIMATED TOTAL COST</b>	<b>\$4,240.06</b>
	ENGINEERING BY: N/A CONSTRUCTION PERFORMED BY: CONTRACTOR PROJECT TYPE: REPLACEMENT	279	\$4,240.06
REFERENCE NO.	690		\$0.00
			\$0.00
<b>HALOGEN LIGHTING REPLACEMENT</b>		<b>ESTIMATED TOTAL COST</b>	<b>\$1,331.82</b>
	ENGINEERING BY: N/A CONSTRUCTION PERFORMED BY: CONTRACTOR PROJECT TYPE: REPLACEMENT	279	\$1,331.82
REFERENCE NO.	691		\$0.00
			\$0.00
<b>KITCHEN SINK REPLACEMENT</b>		<b>ESTIMATED TOTAL COST</b>	<b>\$2,832.98</b>
	ENGINEERING BY: N/A CONSTRUCTION PERFORMED BY: CONTRACTOR PROJECT TYPE: REPLACEMENT	279	\$2,832.98
REFERENCE NO.	692		\$0.00
			\$0.00
<b>KITCHEN EXHAUST HOOD REPLACEMENT</b>		<b>ESTIMATED TOTAL COST</b>	<b>\$10,176.13</b>
	ENGINEERING BY: N/A CONSTRUCTION PERFORMED BY: CONTRACTOR PROJECT TYPE: REPLACEMENT	279	\$10,176.13
REFERENCE NO.	693		\$0.00
			\$0.00

# 5 YEAR CAPITAL PROGRAM

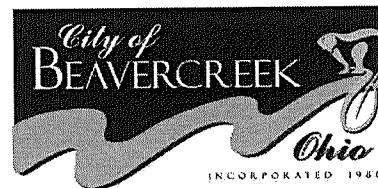


PROJECT DESCRIPTION	PROJECT DETAILS	PROJECT COST BREAKDOWN	
<b>REFRIGERATOR REPLACEMENT</b>		<b>ESTIMATED TOTAL COST</b> <b>\$1,284.78</b>	
REFERENCE NO. 694	ENGINEERING BY: N/A	279	\$1,284.78
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
<b>RANGE REPLACEMENT</b>		<b>ESTIMATED TOTAL COST</b> <b>\$893.70</b>	
REFERENCE NO. 695	ENGINEERING BY: N/A	279	\$893.70
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
<b>GAS WATER HEATER REPLACEMENT 40 GAL</b>		<b>ESTIMATED TOTAL COST</b> <b>\$14,378.56</b>	
REFERENCE NO. 696	ENGINEERING BY: N/A	279	\$14,378.56
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00

## PROJECT YEAR 2029

<b>DUCTLESS SPLIT SYSTEM REPLACEMENT</b>	<b>ESTIMATED TOTAL COST</b> <b>\$6,191.68</b>
REFERENCE NO. 697	ENGINEERING BY: N/A
	CONSTRUCTION PERFORMED BY: CONTRACTOR
	PROJECT TYPE: REPLACEMENT

# 5 YEAR CAPITAL PROGRAM

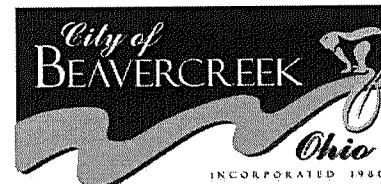


PROJECT DESCRIPTION	PROJECT DETAILS	PROJECT COST BREAKDOWN	
<b>FENCE REPLACEMENT</b>		<b>ESTIMATED TOTAL COST</b> <b>\$2,984.41</b>	
REFERENCE NO. 698	ENGINEERING BY: N/A	279	\$2,984.41
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00

## PROJECT YEAR 2030

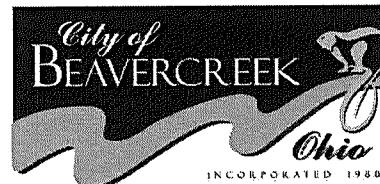
<b>PARKING LOT SEAL AND STRIPE (16000 SF)</b>	<b>ESTIMATED TOTAL COST</b> <b>\$8,668.63</b>		
REFERENCE NO. 672	ENGINEERING BY: IN-HOUSE	279	\$8,668.63
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
<b>ROOF, ASPHALT SHINGLE REPLACEMENT</b>	<b>ESTIMATED TOTAL COST</b> <b>\$37,366.34</b>		
REFERENCE NO. 699	ENGINEERING BY: N/A	279	\$37,366.34
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
<b>RESTROOM SINK REPACEMENT (4)</b>	<b>ESTIMATED TOTAL COST</b> <b>\$6,656.88</b>		
REFERENCE NO. 700	ENGINEERING BY: N/A	279	\$6,656.88
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00

# 5 YEAR CAPITAL PROGRAM



PROJECT DESCRIPTION	PROJECT DETAILS	PROJECT COST BREAKDOWN	
<b>PLUMBING SYSTEM UPGRADE</b>		<b>ESTIMATED TOTAL COST</b> <b>\$223,174.99</b>	
	ENGINEERING BY: N/A	279	\$223,174.99
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
REFERENCE NO. 701			
<b>ELECTRICAL DISTRIBUTION SYSTEM UPGRADE</b>		<b>ESTIMATED TOTAL COST</b> <b>\$285,174.99</b>	
	ENGINEERING BY: N/A	279	\$285,174.99
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
REFERENCE NO. 702			
<b>200 AMP DISTRIBUTION PANEL REPLACEMENT</b>		<b>ESTIMATED TOTAL COST</b> <b>\$11,272.07</b>	
	ENGINEERING BY: N/A	279	\$11,272.07
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
REFERENCE NO. 703			

# 5 YEAR CAPITAL PROGRAM



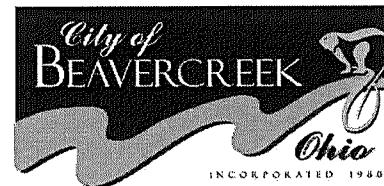
PROJECT DESCRIPTION	PROJECT DETAILS	PROJECT COST BREAKDOWN
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## CITY HALL

### PROJECT YEAR 2020

<b>METAL ROOF REPLACEMENT</b>		<b>ESTIMATED TOTAL COST</b> <b>\$88,395.00</b>	
	ENGINEERING BY: CONSULTANT	101	\$88,395.00
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
REFERENCE NO.	786		
<b>AED REPLACEMENT</b>		<b>ESTIMATED TOTAL COST</b> <b>\$1,410.00</b>	
	ENGINEERING BY: N/A	101	\$1,410.00
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
REFERENCE NO.	787		
<b>RETAINING WALL REPAIR</b>		<b>ESTIMATED TOTAL COST</b> <b>\$3,417.00</b>	
	ENGINEERING BY: CONSULTANT	101	\$3,417.00
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
REFERENCE NO.	789		

# 5 YEAR CAPITAL PROGRAM

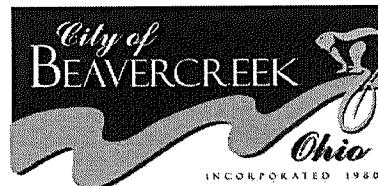


PROJECT DESCRIPTION	PROJECT DETAILS	PROJECT COST BREAKDOWN	
<b>SIGN REPLACEMENT/REPAIR</b>		<b>ESTIMATED TOTAL COST</b> <b>\$8,602.00</b>	
	ENGINEERING BY: CONSULTANT	101	\$8,602.00
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
REFERENCE NO.	790		

## PROJECT YEAR 2021

<b>DRINKING FOUTAIN REPLACEMENT (1)</b>		<b>ESTIMATED TOTAL COST</b> <b>\$1,374.65</b>	
	ENGINEERING BY: N/A	101	\$1,374.65
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
REFERENCE NO.	791		
<b>INTERIOR STAIR RAIL REFINISHING</b>		<b>ESTIMATED TOTAL COST</b> <b>\$1,133.16</b>	
	ENGINEERING BY: N/A	101	\$1,133.16
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
REFERENCE NO.	792		
<b>PARKING LOT SEAL AND STRIPE (34000 SF)</b>		<b>ESTIMATED TOTAL COST</b> <b>\$14,118.03</b>	
	ENGINEERING BY: IN-HOUSE	101	\$14,118.03
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
REFERENCE NO.	794		

# 5 YEAR CAPITAL PROGRAM



PROJECT DESCRIPTION	PROJECT DETAILS	PROJECT COST BREAKDOWN
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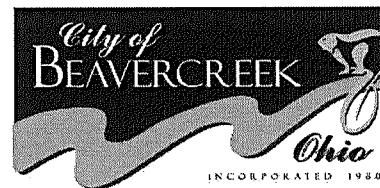
## PROJECT YEAR 2022

<b>SPRINKLER SYSTEM RETROFIT</b>		<b>ESTIMATED TOTAL COST</b>	<b>\$107,121.43</b>
REFERENCE NO. 796	ENGINEERING BY: N/A	101	\$107,121.43
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
<b>FIRE ALARM CONTROL PANEL MULTIPLEX REPLACE</b>		<b>ESTIMATED TOTAL COST</b>	<b>\$4,821.68</b>
REFERENCE NO. 797	ENGINEERING BY: N/A	101	\$4,821.68
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00

## PROJECT YEAR 2023

<b>INTERIOR FIRE DOOR REPLACEMENT (12)</b>		<b>ESTIMATED TOTAL COST</b>	<b>\$22,940.87</b>
REFERENCE NO. 798	ENGINEERING BY: N/A	101	\$22,940.87
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00

# 5 YEAR CAPITAL PROGRAM



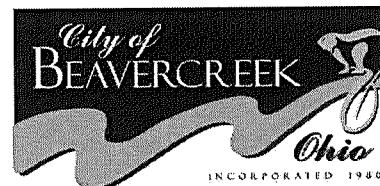
PROJECT DESCRIPTION	PROJECT DETAILS	PROJECT COST BREAKDOWN	
<b>INTERIOR FLOORING REPLACEMENT CARPET (4950 SF)</b>		<b>ESTIMATED TOTAL COST</b> <b>\$41,660.83</b>	
	ENGINEERING BY: N/A	101	\$41,660.83
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
REFERENCE NO. 799			
<b>DUMPSTER ENCLOSURE GATE REPLACEMENT</b>		<b>ESTIMATED TOTAL COST</b> <b>\$1,832.81</b>	
	ENGINEERING BY: N/A	101	\$1,832.81
	CONSTRUCTION PERFORMED BY: IN-HOUSE		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
REFERENCE NO. 800			

## PROJECT YEAR 2024

<b>INTERIOR WALL PAINT</b>		<b>ESTIMATED TOTAL COST</b> <b>\$28,610.69</b>	
	ENGINEERING BY: N/A	101	\$28,610.69
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
REFERENCE NO. 801			

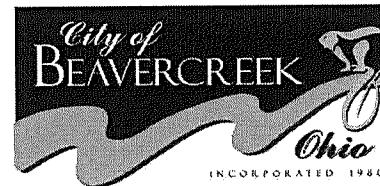
## PROJECT YEAR 2025

# 5 YEAR CAPITAL PROGRAM



PROJECT DESCRIPTION	PROJECT DETAILS	PROJECT COST BREAKDOWN	
<b>AED REPLACEMENT</b>		<b>ESTIMATED TOTAL COST</b> <b>\$1,734.12</b>	
REFERENCE NO. 788	ENGINEERING BY: N/A	101	\$1,734.12
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
<b>INTERIOR STAIR RAIL REFINISHING</b>		<b>ESTIMATED TOTAL COST</b> <b>\$1,313.64</b>	
REFERENCE NO. 793	ENGINEERING BY: N/A	101	\$1,313.64
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
<b>PARKING LOT SEAL AND STRIPE (34000 SF)</b>		<b>ESTIMATED TOTAL COST</b> <b>\$16,366.67</b>	
REFERENCE NO. 795	ENGINEERING BY: IN-HOUSE	101	\$16,366.67
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
<b>EXTERIOR WALL PAINT</b>		<b>ESTIMATED TOTAL COST</b> <b>\$15,897.35</b>	
REFERENCE NO. 802	ENGINEERING BY: N/A	101	\$15,897.35
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00

# 5 YEAR CAPITAL PROGRAM

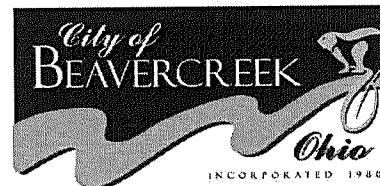


PROJECT DESCRIPTION	PROJECT DETAILS	PROJECT COST BREAKDOWN	
<b>INTERIOR FLOORING REPLACEMENT CARPET (4325 SF)</b>		<b>ESTIMATED TOTAL COST</b> <b>\$38,618.04</b>	
REFERENCE NO. 803	ENGINEERING BY: N/A CONSTRUCTION PERFORMED BY: CONTRACTOR PROJECT TYPE: REPLACEMENT	101	\$38,618.04
			\$0.00
			\$0.00

## PROJECT YEAR 2026

<b>INTERIOR FLOORING REPLACEMENT (VINYL)</b>		<b>ESTIMATED TOTAL COST</b> <b>\$21,798.58</b>	
REFERENCE NO. 804	ENGINEERING BY: N/A CONSTRUCTION PERFORMED BY: CONTRACTOR PROJECT TYPE: REPLACEMENT	101	\$21,798.58
			\$0.00
			\$0.00
<b>SINK REPLACEMENT (3)</b>		<b>ESTIMATED TOTAL COST</b> <b>\$4,436.23</b>	
REFERENCE NO. 805	ENGINEERING BY: N/A CONSTRUCTION PERFORMED BY: CONTRACTOR PROJECT TYPE: REPLACEMENT	101	\$4,436.23
			\$0.00
			\$0.00
<b>CONDENSING UNIT/HEAT PUMP SLIT SYSTEM 10 TON R</b>		<b>ESTIMATED TOTAL COST</b> <b>\$20,046.64</b>	
REFERENCE NO. 806	ENGINEERING BY: N/A CONSTRUCTION PERFORMED BY: CONTRACTOR PROJECT TYPE: REPLACEMENT	101	\$20,046.64
			\$0.00
			\$0.00

# 5 YEAR CAPITAL PROGRAM

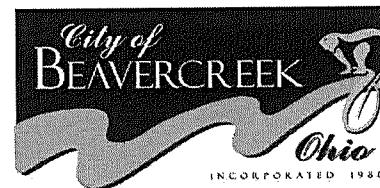


PROJECT DESCRIPTION	PROJECT DETAILS	PROJECT COST BREAKDOWN
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## PROJECT YEAR 2027

<b>INTERIOR CEILING TILE REPLACEMENT</b>	<b>ESTIMATED TOTAL COST</b>	<b>\$35,101.01</b>
	ENGINEERING BY: N/A	101
	CONSTRUCTION PERFORMED BY: IN-HOUSE	\$35,101.01
	PROJECT TYPE: REPLACEMENT	\$0.00
REFERENCE NO. 807		\$0.00
<b>TOILET REPLACEMENT (2)</b>	<b>ESTIMATED TOTAL COST</b>	<b>\$2,753.07</b>
	ENGINEERING BY: N/A	101
	CONSTRUCTION PERFORMED BY: CONTRACTOR	\$2,753.07
	PROJECT TYPE: REPLACEMENT	\$0.00
REFERENCE NO. 808		\$0.00
<b>CONDENSING UNIT/HEAT PUMP SLIT SYSTEM 5 TON RE</b>	<b>ESTIMATED TOTAL COST</b>	<b>\$25,208.22</b>
	ENGINEERING BY: N/A	101
	CONSTRUCTION PERFORMED BY: CONTRACTOR	\$25,208.22
	PROJECT TYPE: REPLACEMENT	\$0.00
REFERENCE NO. 809		\$0.00
<b>CONDENSING UNIT/HEAT PUMP SLIT SYSTEM 8 TO 10 T</b>	<b>ESTIMATED TOTAL COST</b>	<b>\$20,648.04</b>
	ENGINEERING BY: N/A	101
	CONSTRUCTION PERFORMED BY: CONTRACTOR	\$20,648.04
	PROJECT TYPE: REPLACEMENT	\$0.00
REFERENCE NO. 810		\$0.00

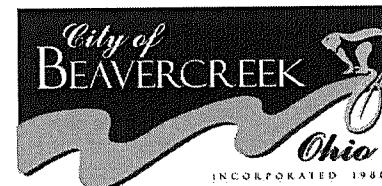
## 5 YEAR CAPITAL PROGRAM



PROJECT DESCRIPTION	PROJECT DETAILS	PROJECT COST BREAKDOWN	
<b>PACKAGED UNIT 2 TON REPLACEMENT (2)</b>	<b>ESTIMATED TOTAL COST</b>		<b>\$18,940.09</b>
	ENGINEERING BY: N/A	101	\$18,940.09
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
REFERENCE NO. 811			
<b>FIRE ALARM SYSTEM INSTALL</b>	<b>ESTIMATED TOTAL COST</b>		<b>\$36,634.12</b>
	ENGINEERING BY: N/A	101	\$36,634.12
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
REFERENCE NO. 812			
<b>DUCTLESS SPLIT SYSTEM REPLACEMENT</b>	<b>ESTIMATED TOTAL COST</b>		<b>\$5,836.25</b>
	ENGINEERING BY: N/A	101	\$5,836.25
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
REFERENCE NO. 813			
<b>CONDENSING UNIT/HEAT PUMP SLIT SYSTEM 14 TON R</b>	<b>ESTIMATED TOTAL COST</b>		<b>\$30,373.81</b>
	ENGINEERING BY: N/A	101	\$30,373.81
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
REFERENCE NO. 814			

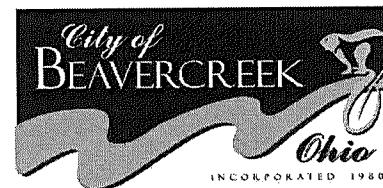
PROJECT YEAR 2028

# 5 YEAR CAPITAL PROGRAM



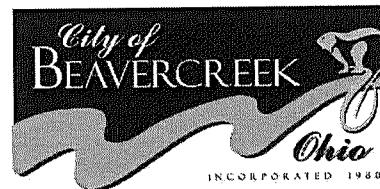
PROJECT DESCRIPTION	PROJECT DETAILS	PROJECT COST BREAKDOWN	
<b>ROOF MEMBRANE REPLACEMENT</b>		<b>ESTIMATED TOTAL COST</b> <b>\$28,276.00</b>	
REFERENCE NO. 815	ENGINEERING BY: CONSULTANT CONSTRUCTION PERFORMED BY: CONTRACTOR PROJECT TYPE: REPLACEMENT	101	\$28,276.00
			\$0.00
			\$0.00
<b>TOILET PARTITION REPLACEMENT</b>		<b>ESTIMATED TOTAL COST</b> <b>\$1,249.84</b>	
REFERENCE NO. 816	ENGINEERING BY: N/A CONSTRUCTION PERFORMED BY: CONTRACTOR PROJECT TYPE: REPLACEMENT	101	\$1,249.84
			\$0.00
			\$0.00
<b>SINK REPLACEMENT (2)</b>		<b>ESTIMATED TOTAL COST</b> <b>\$2,832.98</b>	
REFERENCE NO. 817	ENGINEERING BY: N/A CONSTRUCTION PERFORMED BY: CONTRACTOR PROJECT TYPE: REPLACEMENT	101	\$2,832.98
			\$0.00
			\$0.00
<b>WATER HEATER (50 GAL) REPLACEMENT</b>		<b>ESTIMATED TOTAL COST</b> <b>\$9,357.69</b>	
REFERENCE NO. 818	ENGINEERING BY: N/A CONSTRUCTION PERFORMED BY: CONTRACTOR PROJECT TYPE: REPLACEMENT	101	\$9,357.69
			\$0.00
			\$0.00

# 5 YEAR CAPITAL PROGRAM



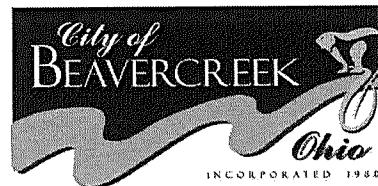
PROJECT DESCRIPTION	PROJECT DETAILS	PROJECT COST BREAKDOWN	
<b>PLUMBING SYSTEM UPGRADE</b>		<b>ESTIMATED TOTAL COST</b> <b>\$222,400.69</b>	
	ENGINEERING BY: N/A CONSTRUCTION PERFORMED BY: CONTRACTOR PROJECT TYPE: REPLACEMENT	101	\$222,400.69
REFERENCE NO.	819		\$0.00
			\$0.00
<b>HVAC DUCTWORK REPLACEMENT</b>		<b>ESTIMATED TOTAL COST</b> <b>\$239,828.60</b>	
	ENGINEERING BY: N/A CONSTRUCTION PERFORMED BY: CONTRACTOR PROJECT TYPE: REPLACEMENT	101	\$239,828.60
REFERENCE NO.	820		\$0.00
			\$0.00
<b>FIRE EXTINGUISHER REPLACEMENT</b>		<b>ESTIMATED TOTAL COST</b> <b>\$2,874.64</b>	
	ENGINEERING BY: N/A CONSTRUCTION PERFORMED BY: CONTRACTOR PROJECT TYPE: REPLACEMENT	101	\$2,874.64
REFERENCE NO.	821		\$0.00
			\$0.00
<b>SWITCHBOARD 400 AMP REPLACEMENT</b>		<b>ESTIMATED TOTAL COST</b> <b>\$33,286.12</b>	
	ENGINEERING BY: N/A CONSTRUCTION PERFORMED BY: CONTRACTOR PROJECT TYPE: REPLACEMENT	101	\$33,286.12
REFERENCE NO.	822		\$0.00
			\$0.00

# 5 YEAR CAPITAL PROGRAM



PROJECT DESCRIPTION	PROJECT DETAILS	PROJECT COST BREAKDOWN	
<b>DISTRIBUTION PANEL 225 AMP REPLACEMENT</b>		<b>ESTIMATED TOTAL COST</b> <b>\$10,685.48</b>	
REFERENCE NO. 823	ENGINEERING BY: N/A CONSTRUCTION PERFORMED BY: CONTRACTOR PROJECT TYPE: REPLACEMENT	101	\$10,685.48
			\$0.00
			\$0.00
<b>ELECTRICAL DISTRIBUTION SYSTEM UPGRADE</b>		<b>ESTIMATED TOTAL COST</b> <b>\$435,688.28</b>	
REFERENCE NO. 824	ENGINEERING BY: N/A CONSTRUCTION PERFORMED BY: CONTRACTOR PROJECT TYPE: REPLACEMENT	101	\$435,688.28
			\$0.00
			\$0.00
<b>EXIT LIGHTING LED REPLACEMENT</b>		<b>ESTIMATED TOTAL COST</b> <b>\$7,318.97</b>	
REFERENCE NO. 825	ENGINEERING BY: N/A CONSTRUCTION PERFORMED BY: CONTRACTOR PROJECT TYPE: REPLACEMENT	101	\$7,318.97
			\$0.00
			\$0.00

# 5 YEAR CAPITAL PROGRAM



PROJECT DESCRIPTION	PROJECT DETAILS	PROJECT COST BREAKDOWN
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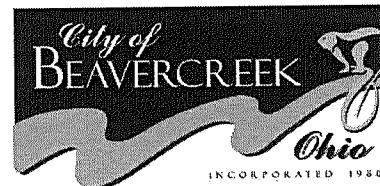
### PROJECT YEAR 2025

INTERIOR FLOORING REPLACEMENT (FITNESS ROOM)	ESTIMATED TOTAL COST	\$21,399.81
	ENGINEERING BY: N/A	279
	CONSTRUCTION PERFORMED BY: CONTRACTOR	\$0.00
	PROJECT TYPE: REPLACEMENT	\$0.00
REFERENCE NO. 653		

### PROJECT YEAR 2027

RESIDENTIAL DRYER REPLACEMENT	ESTIMATED TOTAL COST	\$1,437.86
	ENGINEERING BY: N/A	279
	CONSTRUCTION PERFORMED BY: CONTRACTOR	\$0.00
	PROJECT TYPE: REPLACEMENT	\$0.00
REFERENCE NO. 661		

# 5 YEAR CAPITAL PROGRAM



PROJECT DESCRIPTION	PROJECT DETAILS	PROJECT COST BREAKDOWN
<b>MMF</b>		

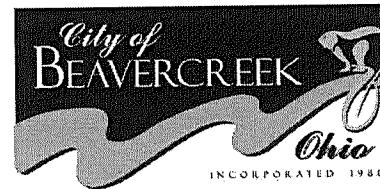
## PROJECT YEAR 2022

APPLIANCE REPLACEMENTS	ESTIMATED TOTAL COST	\$4,497.53
	203	\$4,497.53
		\$0.00
		\$0.00
REFERENCE NO. 601		

## PROJECT YEAR 2023

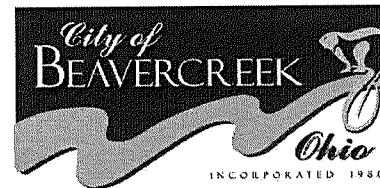
ROOF, ASPHALT SHINGLE REPLACEMENT	ESTIMATED TOTAL COST	\$55,506.04
	203	\$55,506.04
		\$0.00
		\$0.00
REFERENCE NO. 602		
GUTTER / DOWNSPOUT REPLACEMENT	ESTIMATED TOTAL COST	\$2,910.94
	203	\$2,910.94
		\$0.00
		\$0.00
REFERENCE NO. 603		

# 5 YEAR CAPITAL PROGRAM



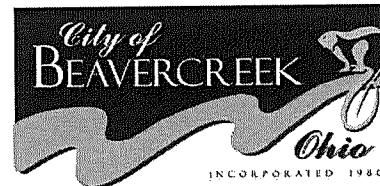
PROJECT DESCRIPTION	PROJECT DETAILS	PROJECT COST BREAKDOWN	
<b>DRINKING FOUNTAIN REPLACEMENTS (3)</b>		<b>ESTIMATED TOTAL COST</b> <b>\$4,375.10</b>	
REFERENCE NO. 604	ENGINEERING BY: N/A	203	\$4,375.10
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
<b>OIL/WATER SEPARATOR REPLACEMENT</b>		<b>ESTIMATED TOTAL COST</b> <b>\$22,363.56</b>	
REFERENCE NO. 605	ENGINEERING BY: CONSULTANT	203	\$22,363.56
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
<b>CONDENSING UNIT/HEAT PUMP SPLIT 44 TON REPLAC</b>		<b>ESTIMATED TOTAL COST</b> <b>\$62,797.88</b>	
REFERENCE NO. 606	ENGINEERING BY: N/A	203	\$62,797.88
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
<b>CONDENSING UNIT/HEAT PUMP SPLIT 10 TON REPLAC</b>		<b>ESTIMATED TOTAL COST</b> <b>\$18,345.51</b>	
REFERENCE NO. 607	ENGINEERING BY: N/A	203	\$18,345.51
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00

# 5 YEAR CAPITAL PROGRAM



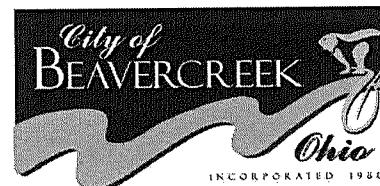
PROJECT DESCRIPTION	PROJECT DETAILS	PROJECT COST BREAKDOWN	
<b>EXHAUST FAN 1600 CFM REPLACEMENT</b>		<b>ESTIMATED TOTAL COST</b> <b>\$3,088.31</b>	
	ENGINEERING BY: N/A CONSTRUCTION PERFORMED BY: CONTRACTOR PROJECT TYPE: REPLACEMENT	203	\$3,088.31
REFERENCE NO.	608		\$0.00
			\$0.00
<b>EXHAUST FAN 100 TO 250 CFM REPLACEMENT</b>		<b>ESTIMATED TOTAL COST</b> <b>\$1,031.75</b>	
	ENGINEERING BY: N/A CONSTRUCTION PERFORMED BY: CONTRACTOR PROJECT TYPE: REPLACEMENT	203	\$1,031.75
REFERENCE NO.	609		\$0.00
			\$0.00
<b>EXHAUST FAN 550 CFM REPLACEMENT</b>		<b>ESTIMATED TOTAL COST</b> <b>\$2,344.05</b>	
	ENGINEERING BY: N/A CONSTRUCTION PERFORMED BY: CONTRACTOR PROJECT TYPE: REPLACEMENT	203	\$2,344.05
REFERENCE NO.	610		\$0.00
			\$0.00
<b>SPRINKLER HEAD REPLACEMENT</b>		<b>ESTIMATED TOTAL COST</b> <b>\$14,995.79</b>	
	ENGINEERING BY: N/A CONSTRUCTION PERFORMED BY: CONTRACTOR PROJECT TYPE: REPLACEMENT	203	\$14,995.79
REFERENCE NO.	611		\$0.00
			\$0.00

# 5 YEAR CAPITAL PROGRAM



PROJECT DESCRIPTION	PROJECT DETAILS	PROJECT COST BREAKDOWN	
<b>FIRE ALARM SYSTEM, OFFICE AREA, REPLACEMENT</b>		<b>ESTIMATED TOTAL COST</b> <b>\$26,538.10</b>	
REFERENCE NO. 612	ENGINEERING BY: N/A	203	\$26,538.10
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
<b>FIRE ALARM CONTROL PANEL REPLACEMENT</b>		<b>ESTIMATED TOTAL COST</b> <b>\$4,966.33</b>	
REFERENCE NO. 613	ENGINEERING BY: N/A	203	\$4,966.33
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
<b>EXISTING LIGHTING REPLACEMENT</b>		<b>ESTIMATED TOTAL COST</b> <b>\$7,042.59</b>	
REFERENCE NO. 614	ENGINEERING BY: N/A	203	\$7,042.59
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
<b>PARKING LOT GATE REPLACEMENT (2)</b>		<b>ESTIMATED TOTAL COST</b> <b>\$13,299.19</b>	
REFERENCE NO. 615	ENGINEERING BY: N/A	203	\$13,299.19
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00

# 5 YEAR CAPITAL PROGRAM



PROJECT DESCRIPTION	PROJECT DETAILS	PROJECT COST BREAKDOWN	
<b>POLE LIGHT EXTERIOR 135 TO 1000 W HID FIXTURE RE</b>	<b>ESTIMATED TOTAL COST</b>		<b>\$96,623.18</b>
	ENGINEERING BY: N/A	203	\$96,623.18
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
REFERENCE NO. 616			

## PROJECT YEAR 2024

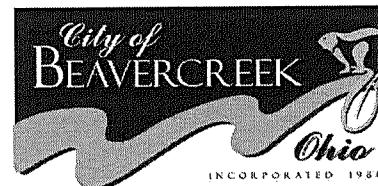
<b>INTERIOR PAINT 15000 SF</b>	<b>ESTIMATED TOTAL COST</b>	
	203	\$25,970.00
		\$25,970.00
		\$0.00
		\$0.00
REFERENCE NO. 617		

## PROJECT YEAR 2026

<b>INTERIOR FLOORING REPLACEMENT</b>	<b>ESTIMATED TOTAL COST</b>	
	203	\$31,268.95
		\$31,268.95
		\$0.00
		\$0.00
REFERENCE NO. 618		

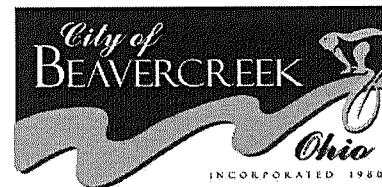
## PROJECT YEAR 2028

# 5 YEAR CAPITAL PROGRAM



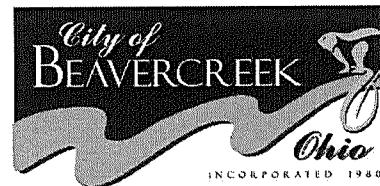
PROJECT DESCRIPTION	PROJECT DETAILS	PROJECT COST BREAKDOWN	
<b>EXTERIOR STEEL DOOR REPLACEMENT</b>		<b>ESTIMATED TOTAL COST</b> <b>\$2,120.70</b>	
	ENGINEERING BY: N/A	203	\$2,120.70
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
REFERENCE NO. 619			
<b>TOILET REPLACEMENT (8)</b>		<b>ESTIMATED TOTAL COST</b> <b>\$9,063.37</b>	
	ENGINEERING BY: N/A	203	\$9,063.37
	CONSTRUCTION PERFORMED BY: IN-HOUSE		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
REFERENCE NO. 620			
<b>URINAL REPLACEMENT (7)</b>		<b>ESTIMATED TOTAL COST</b> <b>\$11,223.05</b>	
	ENGINEERING BY: N/A	203	\$11,223.05
	CONSTRUCTION PERFORMED BY: IN-HOUSE		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
REFERENCE NO. 621			
<b>SINK REPLACEMENT (5)</b>		<b>ESTIMATED TOTAL COST</b> <b>\$5,792.28</b>	
	ENGINEERING BY: N/A	203	\$5,792.28
	CONSTRUCTION PERFORMED BY: IN-HOUSE		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
REFERENCE NO. 622			

# 5 YEAR CAPITAL PROGRAM



PROJECT DESCRIPTION	PROJECT DETAILS	PROJECT COST BREAKDOWN	
<b>INTERIOR LIGHTING UPGRADE</b>		<b>ESTIMATED TOTAL COST</b> <b>\$119,210.76</b>	
REFERENCE NO. 623	ENGINEERING BY: N/A	203	\$119,210.76
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
<b>GENERATOR REPLACEMENT</b>		<b>ESTIMATED TOTAL COST</b> <b>\$96,667.91</b>	
REFERENCE NO. 624	ENGINEERING BY: CONSULTANT	203	\$96,667.91
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
<b>PARKING LOT ROADWAY PAVING</b>		<b>ESTIMATED TOTAL COST</b> <b>\$74,573.92</b>	
REFERENCE NO. 625	ENGINEERING BY: N/A	203	\$74,573.92
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
<b>PARKING LOT PAVING</b>		<b>ESTIMATED TOTAL COST</b> <b>\$101,035.63</b>	
REFERENCE NO. 626	ENGINEERING BY: N/A	203	\$101,035.63
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00

# 5 YEAR CAPITAL PROGRAM



PROJECT DESCRIPTION	PROJECT DETAILS	PROJECT COST BREAKDOWN
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**MZP**

## PROJECT YEAR 2020

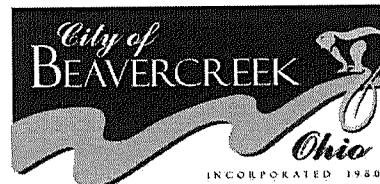
<b>EXTERIOR WALL REPOINT</b>		<b>ESTIMATED TOTAL COST</b>	<b>\$10,608.00</b>
REFERENCE NO. 704	ENGINEERING BY: N/A	101	\$10,608.00
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
<b>BRICK POST REPOINT</b>		<b>ESTIMATED TOTAL COST</b>	<b>\$10,320.00</b>
REFERENCE NO. 705	ENGINEERING BY: N/A	101	\$10,320.00
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00

## PROJECT YEAR 2022

<b>ASPHALT PARKING LOT SEAL &amp; STRIPE</b>		<b>ESTIMATED TOTAL COST</b>	<b>\$8,553.87</b>
REFERENCE NO. 706	ENGINEERING BY: N/A	101	\$8,553.87
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00

## PROJECT YEAR 2024

# 5 YEAR CAPITAL PROGRAM

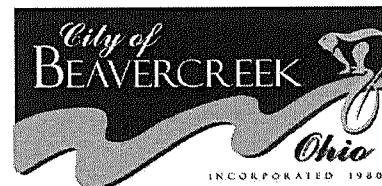


PROJECT DESCRIPTION	PROJECT DETAILS	PROJECT COST BREAKDOWN	
<b>EXTERIOR WALL PAINT</b>		<b>ESTIMATED TOTAL COST</b> <b>\$4,455.01</b>	
REFERENCE NO. 708	ENGINEERING BY: N/A	101	\$4,455.01
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
<b>EXTERIOR DOOR REPLACEMENT</b>		<b>ESTIMATED TOTAL COST</b> <b>\$1,134.35</b>	
REFERENCE NO. 709	ENGINEERING BY: N/A	101	\$1,134.35
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00

## PROJECT YEAR 2028

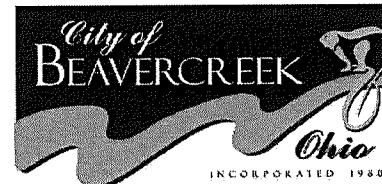
<b>ASPHALT PARKING LOT SEAL &amp; STRIPE</b>		<b>ESTIMATED TOTAL COST</b> <b>\$10,213.76</b>	
REFERENCE NO. 707	ENGINEERING BY: N/A	101	\$10,213.76
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
<b>ROOF REPLACEMENT (MODIFIED BITUMINOUS)</b>		<b>ESTIMATED TOTAL COST</b> <b>\$10,280.96</b>	
REFERENCE NO. 710	ENGINEERING BY: N/A	101	\$10,280.96
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00

# 5 YEAR CAPITAL PROGRAM



PROJECT DESCRIPTION		PROJECT DETAILS		PROJECT COST BREAKDOWN	
<b>TOILET REPLACEMENT (1)</b>		<b>ESTIMATED TOTAL COST</b>		<b>\$1,417.83</b>	
REFERENCE NO. 711		ENGINEERING BY:	101	\$1,417.83	
		N/A		\$0.00	
		CONSTRUCTION PERFORMED BY:		\$0.00	
		CONTRACTOR			
REFERENCE NO. 712		PROJECT TYPE:		\$0.00	
		REPLACEMENT			
<b>SINK REPLACEMENT (1)</b>		<b>ESTIMATED TOTAL COST</b>		<b>\$774.10</b>	
REFERENCE NO. 712		ENGINEERING BY:	101	\$774.10	
		N/A		\$0.00	
		CONSTRUCTION PERFORMED BY:		\$0.00	
		CONTRACTOR			
REFERENCE NO. 713		PROJECT TYPE:		\$0.00	
		REPLACEMENT			
<b>FURNACE REPLACEMENT (OIL)</b>		<b>ESTIMATED TOTAL COST</b>		<b>\$6,645.67</b>	
REFERENCE NO. 713		ENGINEERING BY:	101	\$6,645.67	
		N/A		\$0.00	
		CONSTRUCTION PERFORMED BY:		\$0.00	
		CONTRACTOR			
REFERENCE NO. 714		PROJECT TYPE:		\$0.00	
		REPLACEMENT			
<b>EXTERIOR POLE LIGHT REPLACEMENT</b>		<b>ESTIMATED TOTAL COST</b>		<b>\$6,222.33</b>	
REFERENCE NO. 714		ENGINEERING BY:	101	\$622.33	
		N/A		\$0.00	
		CONSTRUCTION PERFORMED BY:		\$0.00	
		CONTRACTOR			
REFERENCE NO. 714		PROJECT TYPE:		\$0.00	
		REPLACEMENT			

# 5 YEAR CAPITAL PROGRAM



PROJECT DESCRIPTION	PROJECT DETAILS	PROJECT COST BREAKDOWN
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## BIKE STATION

### PROJECT YEAR 2020

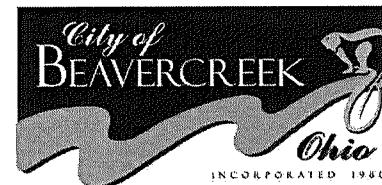
POLE LIGHT EXTERIOR 135 TO 1000 W HID FIXTURE RE	ESTIMATED TOTAL COST	\$24,716.00
	ENGINEERING BY: N/A	279
	CONSTRUCTION PERFORMED BY: CONTRACTOR	\$0.00
	PROJECT TYPE: REPLACEMENT	\$0.00
REFERENCE NO. 579		
ROOF, ASPHALT SHINGLE REPLACEMENT	ESTIMATED TOTAL COST	\$12,348.00
	ENGINEERING BY: N/A	279
	CONSTRUCTION PERFORMED BY: CONTRACTOR	\$0.00
	PROJECT TYPE: REPLACEMENT	\$0.00
REFERENCE NO. 580		

### PROJECT YEAR 2021

PARKING LOT SEAL AND STRIPE (22285 SF)	ESTIMATED TOTAL COST	\$9,253.21
	ENGINEERING BY: IN-HOUSE	279
	CONSTRUCTION PERFORMED BY: CONTRACTOR	\$9,253.21
	PROJECT TYPE: REPLACEMENT	\$0.00
REFERENCE NO. 582		\$0.00

### PROJECT YEAR 2022

# 5 YEAR CAPITAL PROGRAM

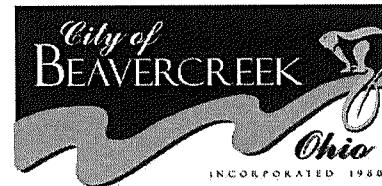


PROJECT DESCRIPTION		PROJECT DETAILS		PROJECT COST BREAKDOWN	
<b>FIRE ALARM SYSTEM INSTALL</b>		<b>ESTIMATED TOTAL COST</b>		<b>\$1,992.15</b>	
REFERENCE NO. 584		ENGINEERING BY:	279	\$1,992.15	
		N/A		\$0.00	
		CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00	
REFERENCE NO. 584		PROJECT TYPE: REPLACEMENT			

## PROJECT YEAR 2023

<b>EXTERIOR WALL PAINT</b>		<b>ESTIMATED TOTAL COST</b>		<b>\$7,487.75</b>
REFERENCE NO. 585		ENGINEERING BY:	279	\$7,487.75
		N/A		\$0.00
		CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
REFERENCE NO. 585		PROJECT TYPE: REPLACEMENT		
<b>INTERIOR CEILING PAINT</b>		<b>ESTIMATED TOTAL COST</b>		<b>\$1,974.24</b>
REFERENCE NO. 586		ENGINEERING BY:	279	\$1,974.24
		N/A		\$0.00
		CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
REFERENCE NO. 586		PROJECT TYPE: REPLACEMENT		
<b>DRINKING FOUNTAIN REPLACEMENT (1)</b>		<b>ESTIMATED TOTAL COST</b>		<b>\$1,458.37</b>
REFERENCE NO. 587		ENGINEERING BY:	279	\$1,458.37
		N/A		\$0.00
		CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
REFERENCE NO. 587		PROJECT TYPE: REPLACEMENT		

# 5 YEAR CAPITAL PROGRAM



PROJECT DESCRIPTION	PROJECT DETAILS	PROJECT COST BREAKDOWN
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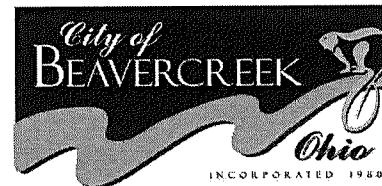
## PROJECT YEAR 2024

INTERIOR WALL PAINT	ESTIMATED TOTAL COST	\$779.72
	ENGINEERING BY: N/A	279
	CONSTRUCTION PERFORMED BY: CONTRACTOR	\$0.00
	PROJECT TYPE: REPLACEMENT	\$0.00
REFERENCE NO. 588		

## PROJECT YEAR 2025

BACKFLOW PREVENTER 2" REPLACEMENT	ESTIMATED TOTAL COST	\$3,201.36
	ENGINEERING BY: N/A	279
	CONSTRUCTION PERFORMED BY: CONTRACTOR	\$0.00
	PROJECT TYPE: REPLACEMENT	\$0.00
REFERENCE NO. 589		
WATER HEATER TANKLESS REPLACEMENT	ESTIMATED TOTAL COST	\$2,267.89
	ENGINEERING BY: N/A	279
	CONSTRUCTION PERFORMED BY: CONTRACTOR	\$0.00
	PROJECT TYPE: REPLACEMENT	\$0.00
REFERENCE NO. 590		

# 5 YEAR CAPITAL PROGRAM



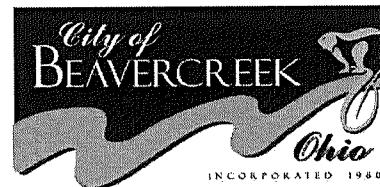
PROJECT DESCRIPTION	PROJECT DETAILS	PROJECT COST BREAKDOWN	
<b>AIR HANDLER 601 TO 1200 CFM REPLACEMENT</b>		<b>ESTIMATED TOTAL COST</b> <b>\$11,566.96</b>	
	ENGINEERING BY: N/A	279	\$11,566.96
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
REFERENCE NO. 591			
<b>TIME CONTROL CLOCK REPAEMENT</b>		<b>ESTIMATED TOTAL COST</b> <b>\$393.56</b>	
	ENGINEERING BY: N/A	279	\$393.56
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
REFERENCE NO. 597			

## PROJECT YEAR 2026

<b>PARKING LOT SEAL AND STRIPE (22285 SF)</b>		<b>ESTIMATED TOTAL COST</b> <b>\$10,727.01</b>	
	ENGINEERING BY: IN-HOUSE	279	\$10,727.01
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
REFERENCE NO. 583			

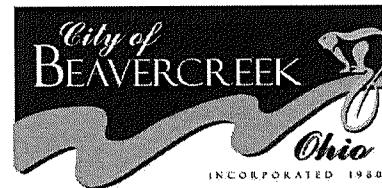
## PROJECT YEAR 2030

# 5 YEAR CAPITAL PROGRAM



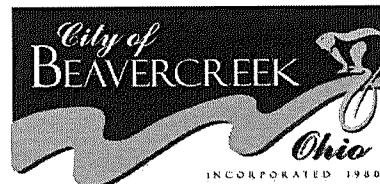
PROJECT DESCRIPTION	PROJECT DETAILS	PROJECT COST BREAKDOWN	
<b>POLE LIGHT EXTERIOR 135 TO 1000 W HID FIXTURE RE</b>		<b>ESTIMATED TOTAL COST</b> <b>\$35,239.11</b>	
	ENGINEERING BY: N/A	279	\$35,239.11
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
REFERENCE NO. 581			
<b>TOILET PARTITION REPLACEMENT</b>		<b>ESTIMATED TOTAL COST</b> <b>\$3,635.69</b>	
	ENGINEERING BY: N/A	279	\$3,635.69
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
REFERENCE NO. 592			
<b>TOILET REPLACEMENT (2)</b>		<b>ESTIMATED TOTAL COST</b> <b>\$3,008.36</b>	
	ENGINEERING BY: N/A	279	\$3,008.36
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
REFERENCE NO. 593			
<b>SINK REPLACEMENT (2)</b>		<b>ESTIMATED TOTAL COST</b> <b>\$6,649.75</b>	
	ENGINEERING BY: N/A	279	\$6,649.75
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
REFERENCE NO. 594			

# 5 YEAR CAPITAL PROGRAM



PROJECT DESCRIPTION	PROJECT DETAILS	PROJECT COST BREAKDOWN	
<b>FLAGPOLE REPLACEMENT</b>		<b>ESTIMATED TOTAL COST</b> <b>\$3,607.18</b>	
	ENGINEERING BY: N/A	279	\$3,607.18
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
REFERENCE NO. 595			
<b>URINAL REPLACEMENT (1)</b>		<b>ESTIMATED TOTAL COST</b> <b>\$1,700.93</b>	
	ENGINEERING BY: N/A	279	\$1,700.93
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
REFERENCE NO. 596			

# 5 YEAR CAPITAL PROGRAM



PROJECT DESCRIPTION	PROJECT DETAILS	PROJECT COST BREAKDOWN
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**PD**

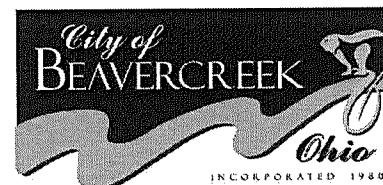
## PROJECT YEAR 2020

<b>PARKING LOT SEAL AND STRIPE (17700 SF)</b>		<b>ESTIMATED TOTAL COST</b>	<b>\$6,726.00</b>
	ENGINEERING BY: IN-HOUSE	101	\$6,726.00
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
REFERENCE NO.	826		

## PROJECT YEAR 2021

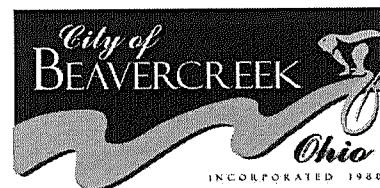
<b>EXHAUST FAN 801 TO 1200 CFM REPLACEMENT</b>		<b>ESTIMATED TOTAL COST</b>	<b>\$2,911.02</b>
	ENGINEERING BY: N/A	101	\$2,911.02
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
REFERENCE NO.	829		
<b>FIRE ALARM SYSTEM INSTALL</b>		<b>ESTIMATED TOTAL COST</b>	<b>\$36,268.70</b>
	ENGINEERING BY: N/A	101	\$36,268.70
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
REFERENCE NO.	830		

# 5 YEAR CAPITAL PROGRAM



PROJECT DESCRIPTION	PROJECT DETAILS	PROJECT COST BREAKDOWN	
<b>AED REPLACEMENT (2)</b>		<b>ESTIMATED TOTAL COST</b> <b>\$3,080.40</b>	
	ENGINEERING BY: N/A	101	\$3,080.40
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
REFERENCE NO. 831			
<b>4" BACKFLOW PREVENTER REPLACEMENT (FIRE SUPP)</b>		<b>ESTIMATED TOTAL COST</b> <b>\$6,557.45</b>	
	ENGINEERING BY: N/A	101	\$6,557.45
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
REFERENCE NO. 833			
<b>TRANSFER SWITCH AUTOMATIC REPLACEMENT</b>		<b>ESTIMATED TOTAL COST</b> <b>\$13,162.99</b>	
	ENGINEERING BY: N/A	101	\$13,162.99
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
REFERENCE NO. 834			
<b>TOILET REPLACEMENT (12)</b>		<b>ESTIMATED TOTAL COST</b> <b>\$11,054.03</b>	
	ENGINEERING BY: N/A	101	\$11,054.03
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
REFERENCE NO. 835			

# 5 YEAR CAPITAL PROGRAM

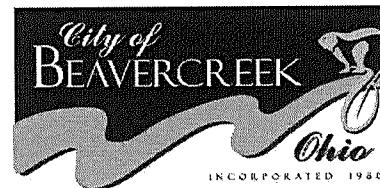


PROJECT DESCRIPTION	PROJECT DETAILS	PROJECT COST BREAKDOWN	
<b>SINK REPLACEMENT (12)</b>		<b>ESTIMATED TOTAL COST</b> <b>\$15,305.83</b>	
REFERENCE NO. 836	ENGINEERING BY: N/A	101	\$15,305.83
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00

## PROJECT YEAR 2022

<b>INTERIOR FLOORING REPLACEMENT</b>		<b>ESTIMATED TOTAL COST</b> <b>\$50,947.28</b>
REFERENCE NO. 837	ENGINEERING BY: N/A	101
	CONSTRUCTION PERFORMED BY: CONTRACTOR	
	PROJECT TYPE: REPLACEMENT	
<b>INTERIOR CEILING PAINT</b>		<b>ESTIMATED TOTAL COST</b> <b>\$12,774.53</b>
REFERENCE NO. 838	ENGINEERING BY: N/A	101
	CONSTRUCTION PERFORMED BY: CONTRACTOR	
	PROJECT TYPE: REPLACEMENT	
<b>LIGHTING SYSTEM UPGRADE</b>		<b>ESTIMATED TOTAL COST</b> <b>\$146,261.00</b>
REFERENCE NO. 839	ENGINEERING BY: N/A	101
	CONSTRUCTION PERFORMED BY: CONTRACTOR	
	PROJECT TYPE: REPLACEMENT	

# 5 YEAR CAPITAL PROGRAM

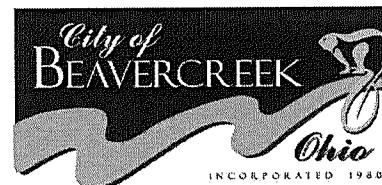


PROJECT DESCRIPTION	PROJECT DETAILS	PROJECT COST BREAKDOWN	
<b>GENERATOR REPLACEMENT</b>		<b>ESTIMATED TOTAL COST</b> <b>\$128,303.50</b>	
	ENGINEERING BY: N/A	101	\$128,303.50
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
REFERENCE NO.	840		

## PROJECT YEAR 2023

<b>INTERIOR WALL PAINT</b>		<b>ESTIMATED TOTAL COST</b> <b>\$31,854.53</b>	
	ENGINEERING BY: N/A	101	\$31,854.53
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
REFERENCE NO.	841		
<b>INTERIOR CEILING TILE REPLACEMENT</b>		<b>ESTIMATED TOTAL COST</b> <b>\$29,744.65</b>	
	ENGINEERING BY: N/A	101	\$29,744.65
	CONSTRUCTION PERFORMED BY: IN-HOUSE		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
REFERENCE NO.	842		
<b>EXIT LIGHTING LED REPLACEMENT</b>		<b>ESTIMATED TOTAL COST</b> <b>\$10,199.29</b>	
	ENGINEERING BY: N/A	101	\$10,199.29
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
REFERENCE NO.	843		

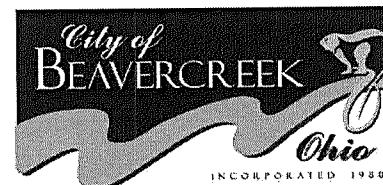
# 5 YEAR CAPITAL PROGRAM



PROJECT DESCRIPTION	PROJECT DETAILS	PROJECT COST BREAKDOWN	
<b>INTERIOR FLOORING EPOXY COATING</b>	<b>ESTIMATED TOTAL COST</b> <b>\$16,211.29</b>		
	ENGINEERING BY: N/A	101	\$16,211.29
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
REFERENCE NO. 844			
<b>4" BACKFLOW PREVENTER REPLACEMENT (DOMESTI</b>	<b>ESTIMATED TOTAL COST</b> <b>\$6,956.80</b>		
	ENGINEERING BY: N/A	101	\$6,956.80
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
REFERENCE NO. 845			
<b>ELEVATOR DOOR REPLACEMENT</b>	<b>ESTIMATED TOTAL COST</b> <b>\$17,389.11</b>		
	ENGINEERING BY: N/A	101	\$17,389.11
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
REFERENCE NO. 846			
<b>LOCKER REPLACEMENT</b>	<b>ESTIMATED TOTAL COST</b> <b>\$27,967.49</b>		
	ENGINEERING BY: N/A	101	\$27,967.49
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
REFERENCE NO. 847			

PROJECT YEAR 2024

## 5 YEAR CAPITAL PROGRAM

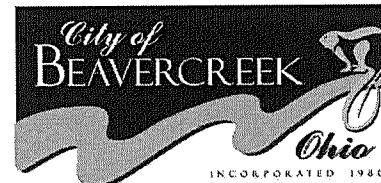


PROJECT DESCRIPTION	PROJECT DETAILS	PROJECT COST BREAKDOWN	
<b>EXHAUST FAN 180 CFM REPLACEMENT</b>		<b>ESTIMATED TOTAL COST</b> <b>\$1,062.71</b>	
	ENGINEERING BY: N/A	101	\$1,062.71
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
REFERENCE NO. 848			
<b>TOILET PARTITION REPLACEMENT</b>		<b>ESTIMATED TOTAL COST</b> <b>\$3,886.64</b>	
	ENGINEERING BY: N/A	101	\$3,886.64
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
REFERENCE NO. 849			

### PROJECT YEAR 2025

<b>PARKING LOT SEAL AND STRIPE (17700 SF)</b>		<b>ESTIMATED TOTAL COST</b> <b>\$8,272.13</b>	
	ENGINEERING BY: IN-HOUSE	101	\$8,272.13
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
REFERENCE NO. 827			
<b>INTERIOR DOOR REPLACEMENT (35)</b>		<b>ESTIMATED TOTAL COST</b> <b>\$94,990.54</b>	
	ENGINEERING BY: N/A	101	\$94,990.54
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
REFERENCE NO. 850			

# 5 YEAR CAPITAL PROGRAM

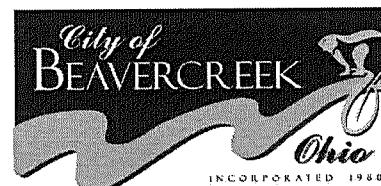


PROJECT DESCRIPTION	PROJECT DETAILS	PROJECT COST BREAKDOWN	
<b>FIRE EXTINGUISHER REPLACEMENT</b>		<b>ESTIMATED TOTAL COST</b> <b>\$3,946.67</b>	
	ENGINEERING BY: N/A CONSTRUCTION PERFORMED BY: CONTRACTOR PROJECT TYPE: REPLACEMENT	101	\$3,946.67
REFERENCE NO. 851			\$0.00
			\$0.00
<b>FIRE ALARM CONTROL PANEL REPLACEMENT</b>		<b>ESTIMATED TOTAL COST</b> <b>\$24,963.98</b>	
	ENGINEERING BY: N/A CONSTRUCTION PERFORMED BY: CONTRACTOR PROJECT TYPE: REPLACEMENT	101	\$24,963.98
REFERENCE NO. 852			\$0.00
			\$0.00

## PROJECT YEAR 2026

<b>AED REPLACEMENT (2)</b>		<b>ESTIMATED TOTAL COST</b> <b>\$3,571.00</b>	
	ENGINEERING BY: N/A CONSTRUCTION PERFORMED BY: CONTRACTOR PROJECT TYPE: REPLACEMENT	101	\$3,571.00
REFERENCE NO. 832			\$0.00
			\$0.00
<b>INTERIOR FLOORING REPLACEMENT (VINYL)</b>		<b>ESTIMATED TOTAL COST</b> <b>\$45,755.74</b>	
	ENGINEERING BY: N/A CONSTRUCTION PERFORMED BY: CONTRACTOR PROJECT TYPE: REPLACEMENT	101	\$45,755.74
REFERENCE NO. 853			\$0.00
			\$0.00

# 5 YEAR CAPITAL PROGRAM

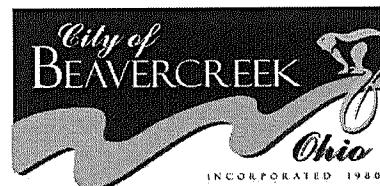


PROJECT DESCRIPTION	PROJECT DETAILS	PROJECT COST BREAKDOWN	
<b>FIRE ALARM CONTROL PANEL MULTIPLEX REPLACE</b>		<b>ESTIMATED TOTAL COST</b> <b>\$5,426.84</b>	
	ENGINEERING BY: N/A	101	\$5,426.84
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
REFERENCE NO. 854			
<b>URINAL REPLACEMENT (3)</b>		<b>ESTIMATED TOTAL COST</b> <b>\$4,535.04</b>	
	ENGINEERING BY: N/A	101	\$4,535.04
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
REFERENCE NO. 855			

## PROJECT YEAR 2027

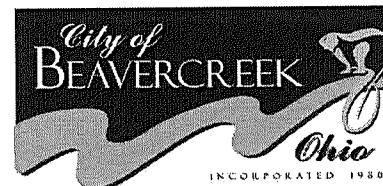
<b>WINDOW REPLACEMENT (3)</b>		<b>ESTIMATED TOTAL COST</b> <b>\$3,658.58</b>	
	ENGINEERING BY: N/A	101	\$3,658.58
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
REFERENCE NO. 856			
<b>EXTERIOR DOOR REPLACEMENT (7)</b>		<b>ESTIMATED TOTAL COST</b> <b>\$93,109.92</b>	
	ENGINEERING BY: N/A	101	\$93,109.92
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
REFERENCE NO. 857			

# 5 YEAR CAPITAL PROGRAM



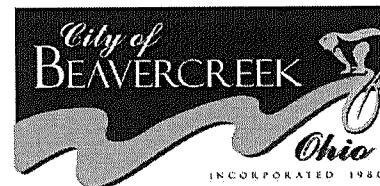
PROJECT DESCRIPTION	PROJECT DETAILS	PROJECT COST BREAKDOWN	
<b>ROOF SKYLIGHT PLEXI GLASS DOME REPLACEMENT</b>		<b>ESTIMATED TOTAL COST</b> <b>\$189,014.66</b>	
	ENGINEERING BY: N/A CONSTRUCTION PERFORMED BY: CONTRACTOR PROJECT TYPE: REPLACEMENT	101	\$189,014.66
REFERENCE NO. 858			\$0.00
			\$0.00
<b>CONDENSING UNIT/HEAT PUMP SLIT SYSTEM 5 TON RE</b>		<b>ESTIMATED TOTAL COST</b> <b>\$25,208.22</b>	
	ENGINEERING BY: N/A CONSTRUCTION PERFORMED BY: CONTRACTOR PROJECT TYPE: REPLACEMENT	101	\$25,208.22
REFERENCE NO. 859			\$0.00
			\$0.00
<b>EXHAUST FAN 700 CFM REPLACEMENT</b>		<b>ESTIMATED TOTAL COST</b> <b>\$2,638.25</b>	
	ENGINEERING BY: N/A CONSTRUCTION PERFORMED BY: CONTRACTOR PROJECT TYPE: REPLACEMENT	101	\$2,638.25
REFERENCE NO. 860			\$0.00
			\$0.00
<b>PACKAGED UNIT 5 TON REPLACEMENT (2)</b>		<b>ESTIMATED TOTAL COST</b> <b>\$29,328.69</b>	
	ENGINEERING BY: N/A CONSTRUCTION PERFORMED BY: CONTRACTOR PROJECT TYPE: REPLACEMENT	101	\$29,328.69
REFERENCE NO. 861			\$0.00
			\$0.00

## 5 YEAR CAPITAL PROGRAM



PROJECT DESCRIPTION	PROJECT DETAILS	PROJECT COST BREAKDOWN	
<b>PACKAGED UNIT 10 TON REPLACEMENT</b>		<b>ESTIMATED TOTAL COST</b> <b>\$24,195.71</b>	
	ENGINEERING BY: N/A	101	\$24,195.71
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
REFERENCE NO. 862			
<b>WATER HEATER 60 TO 120 GAL REPLACEMENT</b>		<b>ESTIMATED TOTAL COST</b> <b>\$13,959.77</b>	
	ENGINEERING BY: N/A	101	\$13,959.77
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
REFERENCE NO. 863			
<b>DISTRIBUTION PANEL 225 AMP REPLACEMENT (2)</b>		<b>ESTIMATED TOTAL COST</b> <b>\$20,748.50</b>	
	ENGINEERING BY: N/A	101	\$20,748.50
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
REFERENCE NO. 864			
<b>DISTRIBUTION PANEL 400 AMP REPLACEMENT</b>		<b>ESTIMATED TOTAL COST</b> <b>\$12,379.69</b>	
	ENGINEERING BY: N/A	101	\$12,379.69
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
REFERENCE NO. 865			

# 5 YEAR CAPITAL PROGRAM

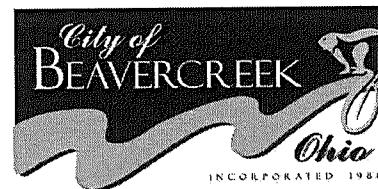


PROJECT DESCRIPTION	PROJECT DETAILS	PROJECT COST BREAKDOWN	
<b>SWITCHBOARD 600 AMP REPLACEMENT</b>		<b>ESTIMATED TOTAL COST</b> <b>\$32,316.62</b>	
REFERENCE NO. 866	ENGINEERING BY: N/A	101	\$32,316.62
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
<b>ELEVATOR RENOVATION</b>		<b>ESTIMATED TOTAL COST</b> <b>\$271,142.31</b>	
REFERENCE NO. 867	ENGINEERING BY: CONSULTANT	101	\$271,142.31
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
<b>SHOWER TILE REPLACEMENT</b>		<b>ESTIMATED TOTAL COST</b> <b>\$7,764.71</b>	
REFERENCE NO. 868	ENGINEERING BY: N/A	101	\$7,764.71
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00

## PROJECT YEAR 2029

<b>DUCTLESS SPLIT SYSTEM REPLACEMENT</b>		<b>ESTIMATED TOTAL COST</b> <b>\$6,011.34</b>	
REFERENCE NO. 869	ENGINEERING BY: N/A	101	\$6,011.34
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00

# 5 YEAR CAPITAL PROGRAM

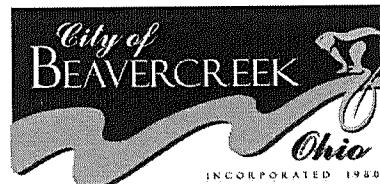


PROJECT DESCRIPTION	PROJECT DETAILS	PROJECT COST BREAKDOWN	
<b>HVAC DUCTWORK REPLACEMENT</b>		<b>ESTIMATED TOTAL COST</b> <b>\$283,512.60</b>	
	ENGINEERING BY: N/A CONSTRUCTION PERFORMED BY: CONTRACTOR PROJECT TYPE: REPLACEMENT	101	\$283,512.60
REFERENCE NO.	870		\$0.00
			\$0.00
<b>FLAGPOLE REPLACEMENT</b>		<b>ESTIMATED TOTAL COST</b> <b>\$3,400.11</b>	
	ENGINEERING BY: N/A CONSTRUCTION PERFORMED BY: CONTRACTOR PROJECT TYPE: REPLACEMENT	101	\$3,400.11
REFERENCE NO.	871		\$0.00
			\$0.00
<b>UNIT HEATER REPLACEMENT (2)</b>		<b>ESTIMATED TOTAL COST</b> <b>\$10,557.81</b>	
	ENGINEERING BY: N/A CONSTRUCTION PERFORMED BY: CONTRACTOR PROJECT TYPE: REPLACEMENT	101	\$10,557.81
REFERENCE NO.	872		\$0.00
			\$0.00

## PROJECT YEAR 2030

<b>PARKING LOT SEAL AND STRIPE (17700 SF)</b>		<b>ESTIMATED TOTAL COST</b> <b>\$9,589.67</b>	
	ENGINEERING BY: IN-HOUSE CONSTRUCTION PERFORMED BY: CONTRACTOR PROJECT TYPE: REPLACEMENT	101	\$9,589.67
REFERENCE NO.	828		\$0.00
			\$0.00

# 5 YEAR CAPITAL PROGRAM



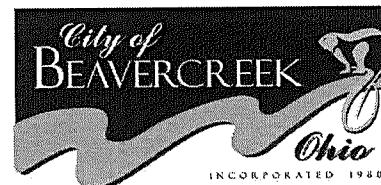
PROJECT DESCRIPTION	PROJECT DETAILS	PROJECT COST BREAKDOWN
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## SENIOR CENTER

### PROJECT YEAR 2020

<b>EXTERIOR WALL PAINT</b>		<b>ESTIMATED TOTAL COST</b>	<b>\$10,217.00</b>
REFERENCE NO. 627	ENGINEERING BY: N/A	279	\$10,217.00
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
<b>WATER HEATER 40 GAL REPLACEMENT</b>		<b>ESTIMATED TOTAL COST</b>	<b>\$6,963.00</b>
REFERENCE NO. 629	ENGINEERING BY: N/A	279	\$6,963.00
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
<b>PACKAGED UNIT 6 TO 7.5 TON REPLACEMENT (11)</b>		<b>ESTIMATED TOTAL COST</b>	<b>\$158,356.00</b>
REFERENCE NO. 630	ENGINEERING BY: N/A	279	\$158,356.00
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00

# 5 YEAR CAPITAL PROGRAM

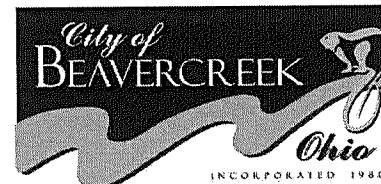


PROJECT DESCRIPTION	PROJECT DETAILS	PROJECT COST BREAKDOWN	
<b>PACKAGED UNIT 2 TON REPLACEMENT</b>		<b>ESTIMATED TOTAL COST</b> <b>\$7,258.00</b>	
	ENGINEERING BY: N/A	279	\$7,258.00
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
REFERENCE NO. 631			
<b>PARKING LOT SEAL AND STRIPE (64450 SF)</b>		<b>ESTIMATED TOTAL COST</b> <b>\$24,491.00</b>	
	ENGINEERING BY: IN-HOUSE	279	\$24,491.00
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
REFERENCE NO. 632			
<b>WATER SOFTENER 1000 GAL REPLACEMENT</b>		<b>ESTIMATED TOTAL COST</b> <b>\$18,801.00</b>	
	ENGINEERING BY: N/A	279	\$18,801.00
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
REFERENCE NO. 635			

## PROJECT YEAR 2021

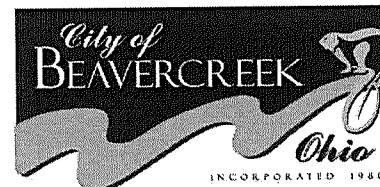
<b>INTERIOR CEILING TILE REPLACEMENT</b>		<b>ESTIMATED TOTAL COST</b> <b>\$15,150.00</b>	
	ENGINEERING BY: N/A	279	\$15,150.00
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
REFERENCE NO. 636			

# 5 YEAR CAPITAL PROGRAM



PROJECT DESCRIPTION	PROJECT DETAILS	PROJECT COST BREAKDOWN	
<b>ANNUNCIATOR ALARM PANEL REPLACEMENT</b>		<b>ESTIMATED TOTAL COST</b> <b>\$1,448.00</b>	
	ENGINEERING BY: N/A	279	\$1,448.00
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
REFERENCE NO. 637			
<b>AED REPLACEMENT</b>		<b>ESTIMATED TOTAL COST</b> <b>\$1,410.00</b>	
	ENGINEERING BY: N/A	279	\$1,410.00
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
REFERENCE NO. 638			
<b>COMMERCIAL REFRIGERATOR REPLACEMENT</b>		<b>ESTIMATED TOTAL COST</b> <b>\$4,256.00</b>	
	ENGINEERING BY: N/A	279	\$4,256.00
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
REFERENCE NO. 640			
<b>2" BACKFLOW PREVENTER REPLACEMENT</b>		<b>ESTIMATED TOTAL COST</b> <b>\$2,603.00</b>	
	ENGINEERING BY: N/A	279	\$2,603.00
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
REFERENCE NO. 641			

## 5 YEAR CAPITAL PROGRAM

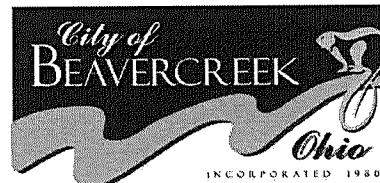


PROJECT DESCRIPTION	PROJECT DETAILS	PROJECT COST BREAKDOWN	
<b>4" BACKFLOW PREVENTER REPLACEMENT (FIRE SUPP)</b>		<b>ESTIMATED TOTAL COST</b> <b>\$6,001.00</b>	
	ENGINEERING BY: N/A	279	\$6,001.00
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
REFERENCE NO. 642			
<b>COMMERCIAL LAUNDRY WASHER REPLACEMENT</b>		<b>ESTIMATED TOTAL COST</b> <b>\$5,920.00</b>	
	ENGINEERING BY: N/A	279	\$5,920.00
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
REFERENCE NO. 643			

### PROJECT YEAR 2022

<b>URINAL REPLACEMENT</b>		<b>ESTIMATED TOTAL COST</b> <b>\$2,686.59</b>	
	ENGINEERING BY: N/A	279	\$2,686.59
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
REFERENCE NO. 644			
<b>DRINKING FOUNTAIN REPLACEMENTS (8)</b>		<b>ESTIMATED TOTAL COST</b> <b>\$11,322.62</b>	
	ENGINEERING BY: N/A	279	\$11,322.62
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
REFERENCE NO. 645			

# 5 YEAR CAPITAL PROGRAM

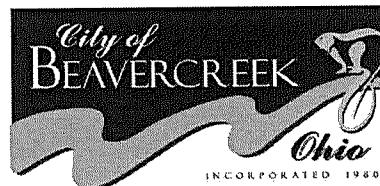


PROJECT DESCRIPTION	PROJECT DETAILS	PROJECT COST BREAKDOWN
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## PROJECT YEAR 2023

<b>INTERIOR PAINT 42250 SF</b>		<b>ESTIMATED TOTAL COST</b>	<b>\$69,550.65</b>
	ENGINEERING BY: N/A CONSTRUCTION PERFORMED BY: CONTRACTOR PROJECT TYPE: REPLACEMENT	279	\$69,550.65
REFERENCE NO.	646		\$0.00
REFERENCE NO.	646		\$0.00
<b>INTERIOR FLOORING REPLACEMENT</b>		<b>ESTIMATED TOTAL COST</b>	<b>\$22,591.93</b>
	ENGINEERING BY: N/A CONSTRUCTION PERFORMED BY: CONTRACTOR PROJECT TYPE: REPLACEMENT	279	\$22,591.93
REFERENCE NO.	647		\$0.00
REFERENCE NO.	647		\$0.00
<b>WATER HEATER 50 GAL REPLACEMENT</b>		<b>ESTIMATED TOTAL COST</b>	<b>\$8,072.03</b>
	ENGINEERING BY: N/A CONSTRUCTION PERFORMED BY: CONTRACTOR PROJECT TYPE: REPLACEMENT	279	\$8,072.03
REFERENCE NO.	648		\$0.00
REFERENCE NO.	648		\$0.00
<b>COMMERCIAL DISHWASHER REPLACEMENT</b>		<b>ESTIMATED TOTAL COST</b>	<b>\$22,793.65</b>
	ENGINEERING BY: N/A CONSTRUCTION PERFORMED BY: CONTRACTOR PROJECT TYPE: REPLACEMENT	279	\$22,793.65
REFERENCE NO.	649		\$0.00
REFERENCE NO.	649		\$0.00

# 5 YEAR CAPITAL PROGRAM

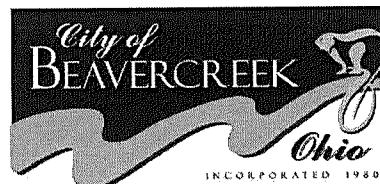


PROJECT DESCRIPTION	PROJECT DETAILS	PROJECT COST BREAKDOWN	
<b>COMMERCIAL MICROWAVE REPLACEMENT</b>		<b>ESTIMATED TOTAL COST</b> <b>\$1,203.33</b>	
	ENGINEERING BY: N/A	279	\$1,203.33
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
REFERENCE NO.	650		

## PROJECT YEAR 2024

<b>PARKING LOT SEAL AND STRIPE (64450 SF)</b>		<b>ESTIMATED TOTAL COST</b> <b>\$29,243.53</b>	
	ENGINEERING BY: IN-HOUSE	279	\$29,243.53
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
REFERENCE NO.	633		
<b>COMMERCIAL GARBAGE DISPOSAL REPLACEMENT</b>		<b>ESTIMATED TOTAL COST</b> <b>\$4,100.38</b>	
	ENGINEERING BY: N/A	279	\$4,100.38
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
REFERENCE NO.	651		
<b>COMMERCIAL EXHAUST HOOD</b>		<b>ESTIMATED TOTAL COST</b> <b>\$9,041.36</b>	
	ENGINEERING BY: N/A	279	\$9,041.36
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
REFERENCE NO.	652		

# 5 YEAR CAPITAL PROGRAM



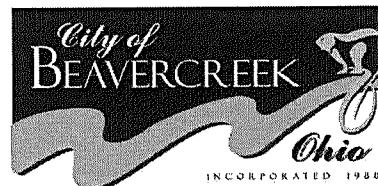
PROJECT DESCRIPTION	PROJECT DETAILS	PROJECT COST BREAKDOWN
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## PROJECT YEAR 2025

<b>ROOF, ASPHALT SHINGLE REPLACEMENT</b>		<b>ESTIMATED TOTAL COST</b>	<b>\$369,110.97</b>
	ENGINEERING BY: N/A	279	\$369,110.97
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
REFERENCE NO.	654		
<b>EXISTING LIGHTING REPLACEMENT</b>		<b>ESTIMATED TOTAL COST</b>	<b>\$15,972.37</b>
	ENGINEERING BY: N/A	279	\$15,972.37
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
REFERENCE NO.	655		
<b>COMMERCIAL RANGE REPLACEMENT</b>		<b>ESTIMATED TOTAL COST</b>	<b>\$8,249.99</b>
	ENGINEERING BY: N/A	279	\$8,249.99
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
REFERENCE NO.	656		

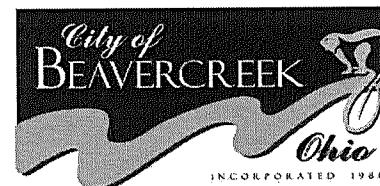
## PROJECT YEAR 2026

# 5 YEAR CAPITAL PROGRAM



PROJECT DESCRIPTION	PROJECT DETAILS	PROJECT COST BREAKDOWN	
<b>AED REPLACEMENT</b>		<b>ESTIMATED TOTAL COST</b> <b>\$1,786.15</b>	
	ENGINEERING BY: N/A	279	\$1,786.15
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
REFERENCE NO. 639			
<b>MAKE-UP AIR UNIT 2000 TO 6000 CFM REPLACEMENT</b>		<b>ESTIMATED TOTAL COST</b> <b>\$40,616.45</b>	
	ENGINEERING BY: N/A	279	\$40,616.45
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
REFERENCE NO. 657			
<b>POLE LIGHT EXTERIOR 135 TO 1000 W HID FIXTURE RE</b>		<b>ESTIMATED TOTAL COST</b> <b>\$107,970.61</b>	
	ENGINEERING BY: N/A	279	\$107,970.61
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
REFERENCE NO. 658			
<b>COMMERCIAL FREEZER REPLACEMENT</b>		<b>ESTIMATED TOTAL COST</b> <b>\$3,595.09</b>	
	ENGINEERING BY: N/A	279	\$3,595.09
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
REFERENCE NO. 659			

## 5 YEAR CAPITAL PROGRAM

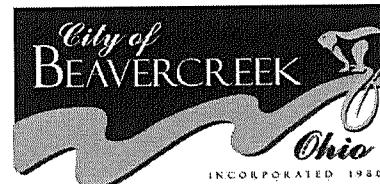


PROJECT DESCRIPTION	PROJECT DETAILS	PROJECT COST BREAKDOWN	
<b>COMMERCIAL LAUNDRY DRYER REPLACEMENT</b>	<b>ESTIMATED TOTAL COST</b>		<b>\$4,706.05</b>
	ENGINEERING BY: N/A	279	\$4,706.05
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
REFERENCE NO. 660			

### PROJECT YEAR 2028

<b>INTERIOR VINYL FLOORING REPLACEMENT</b>	<b>ESTIMATED TOTAL COST</b>		<b>\$115,146.76</b>
	ENGINEERING BY: N/A	279	\$115,146.76
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
REFERENCE NO. 662			
<b>INTERIOR CEILING TILE REPLACEMENT</b>	<b>ESTIMATED TOTAL COST</b>		<b>\$82,547.38</b>
	ENGINEERING BY: N/A	279	\$82,547.38
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
REFERENCE NO. 663			
<b>FIRE EXTINGUISHER REPLACEMENT</b>	<b>ESTIMATED TOTAL COST</b>		<b>\$3,832.85</b>
	ENGINEERING BY: N/A	279	\$3,832.85
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
REFERENCE NO. 664			

## 5 YEAR CAPITAL PROGRAM



PROJECT DESCRIPTION	PROJECT DETAILS	PROJECT COST BREAKDOWN	
<b>ELECTRIC HEATER 1 TO 2 KW REPLACEMENT (2)</b>		<b>ESTIMATED TOTAL COST</b> <b>\$2,945.86</b>	
	ENGINEERING BY: N/A	279	\$2,945.86
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
REFERENCE NO. 665			

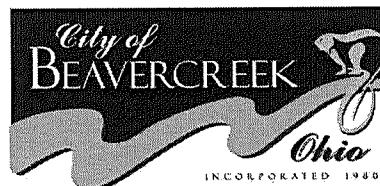
### PROJECT YEAR 2029

PARKING LOT SEAL AND STRIPE (64450 SF)	PROJECT DETAILS	ESTIMATED TOTAL COST	\$33,901.27
	ENGINEERING BY: IN-HOUSE	279	\$33,901.27
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
REFERENCE NO. 634			

### PROJECT YEAR 2030

EXTERIOR WALL PAINT	PROJECT DETAILS	ESTIMATED TOTAL COST	\$14,567.00
	ENGINEERING BY: N/A	279	\$14,567.00
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
REFERENCE NO. 628			

## 5 YEAR CAPITAL PROGRAM



PROJECT DESCRIPTION	PROJECT DETAILS	PROJECT COST BREAKDOWN	
<b>EXHAUST FAN 1000 CFM REPLACEMENT</b>		<b>ESTIMATED TOTAL COST</b> <b>\$3,798.23</b>	
	ENGINEERING BY: N/A	279	\$3,798.23
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
REFERENCE NO.	666		

## PLANNING FOR PARKS AND RECREATION

It is the mission of the City of Beavercreek Department of Parks, Recreation and Culture to preserve natural areas, to promote health and wellness, to provide quality leisure opportunities and to increase cultural awareness for the benefit of the Beavercreek community.

The City of Beavercreek continues to see many improvements in its parks and recreation system. The Department of Parks, Recreation and Culture currently maintains 23 parks and over 300 acres of land and is responsible for the operation of the Senior Adult Center. The Department can obtain land through the park land dedication process or can accept fees in lieu of land. The acquisition of the land is only one piece of the funding cycle for the Parks Department as all of these facilities and properties need improvements and amenities.

Capital Improvements to the park system are currently funded out of the 712 fund and the 279 Fund. The revenue stream for park improvements was much improved with the passage of the new Parks Levy in 2014. These additional funds have allowed for the implementation of vital improvements and upgrades to our park system.

There are several important improvements planned in 2020 to the City's park system. Some of the major improvements planned for 2020 include the paving of the entrance drive to Rotary Park, building and parking lot upgrades at the Senior Center, as well as improvements at Lofino Park and at C.I. Beaver Park.

The draft long term plan for improvements to the City's parks system is shown on the following sheets.

## RAFT

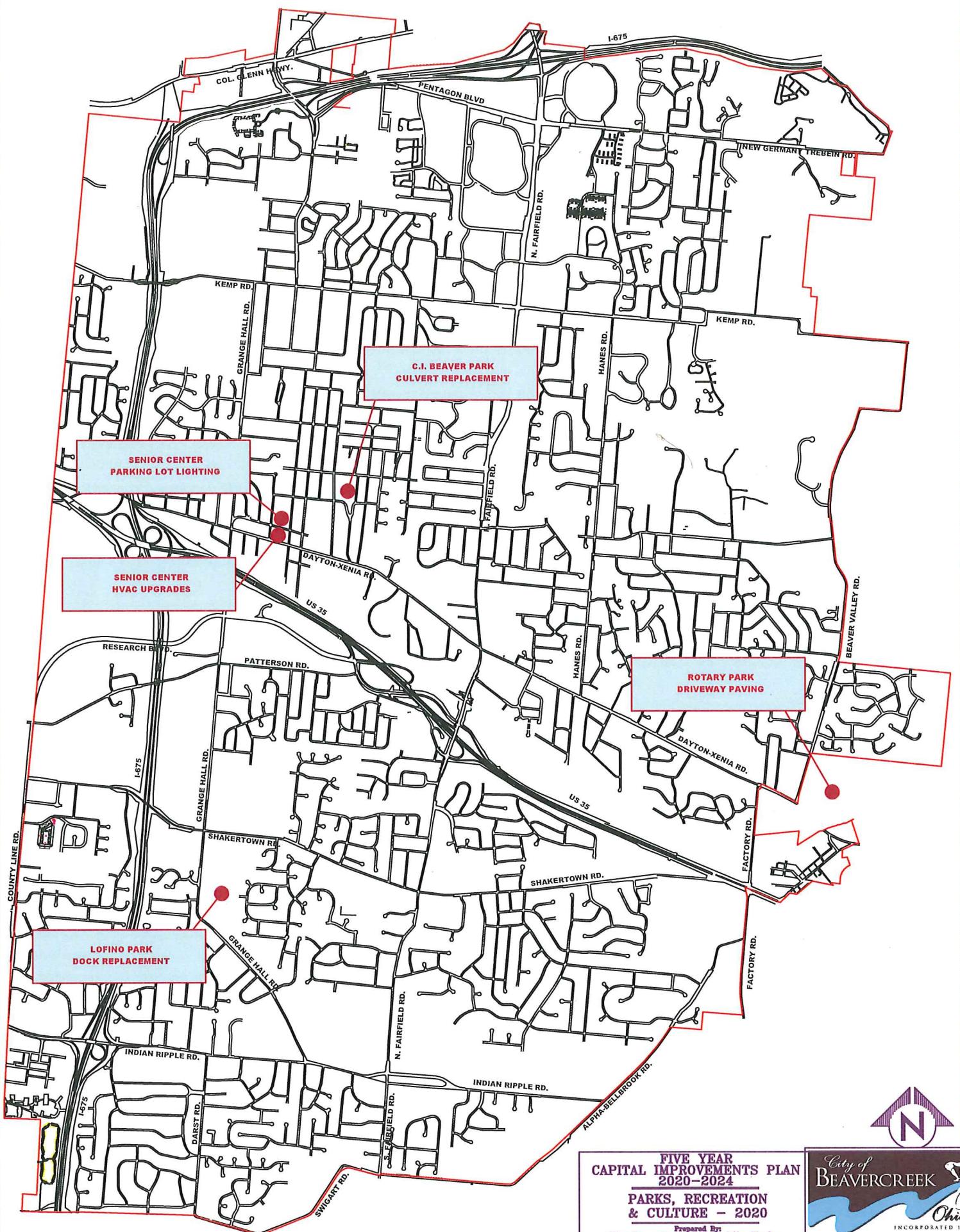
12/26/2018

Location Name	Uniformat Code	ID	Cost Description	Lifespan (EUL)	EAge	RUL	Quantity	Unit	Unit Cost *	Subtotal	Deficiency Repair																				
											2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038
E.J. Nutter Park / BCAA Storage garages	B3011	1123732	Roof, Asphalt Shingle, Replace	20	5	15	1000	SF	\$3.42	\$3,420																				\$3,420	
E.J. Nutter Park / BCAA Storage garages	B3011	1123725	Roof, Asphalt Shingle, Replace	20	5	15	650	SF	\$3.42	\$2,223																				\$2,223	
E.J. Nutter Park / BCAA Storage garages	B3011	1125298	Roof, Metal, Replace	40	20	20	2000	SF	\$12.45	\$24,900																				\$24,900	
E.J. Nutter Park / Concession Stand	B2011	1123757	Exterior Wall, Vinyl Siding, 1-2 Stories, Replace	25	10	15	900	SF	\$7.81	\$7,029																				\$7,029	
E.J. Nutter Park / Concession Stand	B2032	1123758	Exterior Door, Steel, Replace	25	15	10	4	EA	\$950.12	\$3,800																				\$3,800	
E.J. Nutter Park / Concession Stand	B3011	1118266	Roof, Asphalt Shingle, Replace	20	15	5	1100	SF	\$3.42	\$3,762																				\$3,762	
E.J. Nutter Park / Concession Stand	D3042	1123939	Exhaust Fan, Centrifugal, 800 CFM, Replace	15	10	5	1	EA	\$2,021.87	\$2,022																				\$2,022	
E.J. Nutter Park / Playground	G2045	1123937	Site Furnishings, Park Bench, Metal/Wood/Plastic, Replace	20	10	10	2	EA	\$487.03	\$974																				\$974	
E.J. Nutter Park / Playground	G2047	1123936	Play Surfaces & Sports Courts, Wood Chips, 3" Depth, Replace	20	10	10	150	SF	\$0.81	\$122																				\$122	
E.J. Nutter Park / Shelter	B3011	1123823	Roof, Asphalt Shingle, Replace	20	10	10	1200	SF	\$3.42	\$4,104																				\$4,104	
E.J. Nutter Park / Shelter	G2031	1123810	Pedestrian Pavement, Sidewalk, Concrete Large Areas, Replace	30	10	20	1000	SF	\$9.00	\$9,000																				\$9,000	
E.J. Nutter Park / Shelter	G2045	1123607	Site Furnishings, Picnic Table, Plastic-Coated Metal, Replace	20	10	10	6	EA	\$1,391.50	\$8,349																				\$8,349	
E.J. Nutter Park / Small Shelters - 1	B3011	1123833	Roof, Asphalt Shingle, Replace	20	10	10	300	SF	\$3.42	\$1,026																				\$1,026	
E.J. Nutter Park / Small Shelters - 1	G2031	1123835	Pedestrian Pavement, Sidewalk, Concrete Large Areas, Replace	30	10	20	215	SF	\$9.00	\$1,935																				\$1,935	
E.J. Nutter Park / Small Shelters - 1	G2045	1123834	Site Furnishings, Picnic Table, Wood or Composite, Replace	20	10	10	1	EA	\$689.43	\$689																				\$689	
E.J. Nutter Park / Small Shelters - 2	B3011	1123914	Roof, Asphalt Shingle, Replace	20	10	10	300	SF	\$3.42	\$1,026																				\$1,026	
E.J. Nutter Park / Small Shelters - 2	G2031	1123915	Pedestrian Pavement, Sidewalk, Concrete Large Areas, Replace	30	10	20	215	SF	\$9.00	\$1,935																				\$1,935	
E.J. Nutter Park / Small Shelters - 2	G2045	1123913	Site Furnishings, Picnic Table, Wood or Composite, Replace	20	10	10	1	EA	\$689.43	\$689																				\$689	
Gerspacher Park	G2044	1113688	Signage, Property, Monument/Pylon, Replace	20	5	15	1	EA	\$8,602.00	\$8,602																				\$8,602	
Gerspacher Park / Playground	G2045	1117091	Site Furnishings, Park Bench, Metal/Wood/Plastic, Replace	20	2	18	3	EA	\$487.03	\$1,461																				\$1,461	
Gerspacher Park / Playground	G2047	1117090	Play Surfaces & Sports Courts, Wood Chips, 3" Depth, Replace	20	5	15	4000	SF	\$0.81	\$3,240																				\$3,240	
Gerspacher Park / Shelter	G2045	1117204	Site Furnishings, Picnic Table, Plastic-Coated Metal, Replace	20	1	19	4	EA	\$1,391.50	\$5,566																				\$5,566	
Grangeview Acres	G2044	1118233	Signage, Property, Monument/Pylon, Replace	20	5	15	1	EA	\$8,602.00	\$8,602																				\$8,602	
Grangeview Acres / Ball Diamond	G2041	1118238	Fences & Gates, Chain Link, 8' High, Replace	30	19	11	40	LF	\$53.90	\$2,156																				\$2,156	
Grangeview Acres / Playground	G2045	1118240	Site Furnishings, Park Bench, Metal/Wood/Plastic, Replace	20	15	5	1	EA	\$487.03	\$487																				\$487	
Grangeview Acres / Playground	G2045	1113702	Site Furnishings, Park Bench, Metal/Wood/Plastic, Replace	20	5	15	2	EA	\$487.03	\$974																				\$974	
Grangeview Acres / Playground	G2047	1118243	Play Surfaces & Sports Courts, Asphalt, Seal & Stripe	5	3	2	1500	SF	\$0.38	\$570																					\$2,280
Grangeview Acres / Playground	G2047	1118235	Play Surfaces & Sports Courts, Wood Chips, 3" Depth, Replace	20	15	5	1300	SF	\$0.81	\$1,053																				\$1,053	
Grangeview Acres / Playground	G2047	1118241	Sports Apparatus, Basketball Backstop, Replace	10	2	8	1	EA	\$9,435.64	\$9,436																				\$9,436	
Grangeview Acres / Playground	G4021	1118242	Pole Light, Exterior, 250 W HID (Fixture Only), Replace	20	15	5	1	EA	\$4,630.42	\$4,630																				\$4,630	
Grangeview Acres / Shelter	B3011	1118231	Roof, Asphalt Shingle, Replace	20	2	18	300	SF	\$3.42	\$1,026																				\$1,026	
Grangeview Acres / Shelter	G2045	1113715	Site Furnishings, Picnic Table, Plastic-Coated Metal, Replace	20	5	15	3	EA	\$1,391.50	\$4,175																				\$4,175	
Hunters Ridge Park	G2044	1114180	Signage, Property, Monument/Pylon, Replace	20	5	15	1	EA	\$8,602.00	\$8,602																				\$8,602	
Hunters Ridge Park / Playground	G2045	1114194	Site Furnishings, Park Bench, Metal/Wood/Plastic, Replace	20	10	10	2	EA	\$487.03	\$974																					

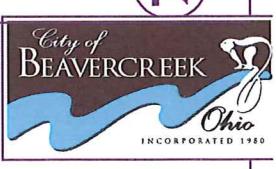
Location Name	Unifromat Code	ID	Cost Description	Lifespan (EUL)	EAge	RUL	QuantityUnit	Unit Cost *	Subtotal	2018																			
										2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037
Rotary Park - 1	G2031	1120499	Pedestrian Pavement, Sidewalk, Concrete Large Areas, Replace	30	19	11	900	SF	\$9.00	\$8,100																			\$8,100
Rotary Park - 1	G2041	1120492	Fences & Gates, Chain Link, 4' High, Replace	30	19	11	450	LF	\$30.51	\$13,730																			\$13,730
Rotary Park - 1	G2044	1120504	Signage, Property, Monument/Pylon, Replace	20	5	15	1	EA	\$8,602.00	\$8,602																			\$8,602
Rotary Park - 1	G2045	1120501	Site Furnishings, Park Bench, Metal/Wood/Plastic, Replace	20	10	10	5	EA	\$487.03	\$2,435																			\$2,435
Rotary Park - 1	G2045	1120488	Site Furnishings, Picnic Table, Plastic-Coated Metal, Replace	20	10	10	7	EA	\$1,391.50	\$9,741																		\$9,741	
Rotary Park - 1	G2045	1120500	Site Furnishings, Park Bench, Metal/Wood/Plastic, Replace	20	5	15	5	EA	\$487.03	\$2,435																		\$2,435	
Rotary Park - 1	G2047	1120503	Sports Apparatus, Basketball Backstop, Replace	10	5	5	1	EA	\$9,435.64	\$9,436																		\$9,436	
Rotary Park - 1	G2047	1120516	Play Surfaces & Sports Courts, Wood Chips, 3" Depth, Replace	20	15	5	7000	SF	\$0.81	\$5,670																		\$5,670	
Rotary Park - 1	G4021	1120517	Pole Light, Exterior, 250 W HID (Fixture Only), Replace	20	10	10	1	EA	\$4,630.42	\$4,630																		\$4,630	
Rotary Park - 1 / Storage Garage	B2011	1123724	Exterior Wall, Vinyl Siding, 1-2 Stories, Replace	25	15	10	800	SF	\$7.81	\$6,248																		\$6,248	
Rotary Park - 1 / Storage Garage	B2032	1123723	Exterior Door, Steel, Replace	25	15	10	1	EA	\$950.12	\$950																		\$950	
Rotary Park - 1 / Storage Garage	B2034	1123722	Overhead Door, Steel Residential Garage 56 SF, Replace	35	25	10	1	EA	\$1,731.00	\$1,731																		\$1,731	
Rotary Park - 1 / Storage Garage	B3011	1123721	Roof, Asphalt Shingle, Replace	20	25	0	800	SF	\$3.42	\$2,736	\$2,736																		\$2,736
Rotary Park - 1 / Adult Softball Diamonds - 1	G2041	1121683	Fences & Gates, Chain Link, 8' High, Replace	30	20	10	50	LF	\$107.80	\$5,390																		\$5,390	
Rotary Park - 1 / Adult Softball Diamonds - 1	G2041	1121681	Fences & Gates, Chain Link, 8' High, Replace	30	20	10	700	LF	\$53.90	\$37,730																		\$37,730	
Rotary Park - 1 / Adult Softball Diamonds - 1	G2041	1121684	Fences & Gates, Chain Link, 6' High, Replace	30	15	15	350	LF	\$37.54	\$13,139																		\$13,139	
Rotary Park - 1 / Adult Softball Diamonds - 1	G2041	1121682	Fences & Gates, Chain Link, 8' High, Replace	30	15	15	250	LF	\$53.90	\$13,475																		\$13,475	
Rotary Park - 1 / Adult Softball Diamonds - 1	G2047	1121680	Stadium/Football Field Lighting, 4 Poles with Fixtures at Corners or Sides, Foundations, Poles, Power Supply, Competition Grade at 200 Lux, Replace	15	5	10	1	LS	\$231,750.00	\$231,750																		\$231,750	
Rotary Park - 1 / Adult Softball Diamonds - 2	G2041	1121757	Fences & Gates, Chain Link, 8' High, Replace	30	20	10	50	LF	\$107.80	\$5,390																		\$5,390	
Rotary Park - 1 / Adult Softball Diamonds - 2	G2041	1121754	Fences & Gates, Chain Link, 8' High, Replace	30	20	10	700	LF	\$53.90	\$37,730																		\$37,730	
Rotary Park - 1 / Adult Softball Diamonds - 2	G2041	1121756	Fences & Gates, Chain Link, 8' High, Replace	30	15	15	250	LF	\$53.90	\$13,475																		\$13,475	
Rotary Park - 1 / Adult Softball Diamonds - 2	G2041	1121755	Fences & Gates, Chain Link, 6' High, Replace	30	15	15	350	LF	\$37.54	\$13,139																		\$13,139	
Rotary Park - 1 / Adult Softball Diamonds - 2	G2047	1121758	Stadium/Football Field Lighting, 4 Poles with Fixtures at Corners or Skies, Foundations, Poles, Power Supply, Competition Grade at 200 Lux, Replace	15	5	10	1	LS	\$231,750.00	\$231,750																		\$231,750	
Rotary Park - 1 / Adult Softball Diamonds - 3	G2041	1121768	Fences & Gates, Chain Link, 8' High, Replace	30	20	10	700	LF	\$53.90	\$37,730																		\$37,730	
Rotary Park - 1 / Adult Softball Diamonds - 3	G2041	1121766	Fences & Gates, Chain Link, 8' High, Replace	30	20	10	50	LF	\$107.80	\$5,390																		\$5,390	
Rotary Park - 1 / Adult Softball Diamonds - 3	G2041	1121767	Fences & Gates, Chain Link, 6' High, Replace	30	15	15	350	LF	\$37.54	\$13,139																		\$13,139	
Rotary Park - 1 / Adult Softball Diamonds - 3	G2041	1121763	Fences & Gates, Chain Link, 8' High, Replace	30	15	15	250	LF	\$53.90	\$13,475																		\$13,475	
Rotary Park - 1 / Adult Softball Diamonds - 4	G2041	1121761	Fences & Gates, Chain Link, 8' High, Replace	30	20	10	560	LF	\$53.90	\$30,184																		\$30,184	
Rotary Park - 1 / Adult Softball Diamonds - 4	G2041	1121764	Fences & Gates, Chain Link, 8' High, Replace	30	20	10	50	LF	\$107.80	\$5,390																		\$5,390	
Rotary Park - 1 / Adult Softball Diamonds - 4	G2041	1121762	Fences & Gates, Chain Link, 6' High, Replace	30	15	15	350	LF	\$37.54	\$13,139																		\$13,139	
Rotary Park - 1 / Adult Softball Diamonds - 4	G2041	1121765	Fences & Gates, Chain Link, 8' High, Replace	30	15	15	250	LF	\$53.90	\$13,475																		\$13,475	
Rotary Park - 1 / Athletic Fields	G2031	1123506	Pedestrian Pavement, Sidewalk, Concrete Large Areas, Replace	30	10	20	1500	SF	\$9.00	\$13,500																		\$13,500	
Rotary Park - 1 / Beavercreek Sox storage sheds	B2011	1123610	Exterior Wall, Painted Surface, 1-2 Stories, Prep & Paint	10	5	5	800	SF	\$2.87	\$2,296																		\$2,296	
Rotary Park - 1 / Beavercreek Sox storage sheds	B2011	1123606	Exterior Wall, Painted Surface, 1-2 Stories, Prep & Paint	10	5	5	700	SF	\$2.87	\$2,009																		\$2,009	
Rotary Park - 1 / Beavercreek Sox storage sheds	B2011	1123602	Exterior Wall, Painted Surface, 1-2 Stories, Prep & Paint	10	5	5	600	SF	\$2.87	\$1,722																		\$1,722	
Rotary Park - 1 / Beavercreek Sox storage sheds	B2011	1123608	Exterior Wall, Textured Plywood (T1-11), Replace																										

Location Name	Uniformat Code	ID	Cost Description	Lifespan (EUL)	EAge	RUL	Quantity	Unit	Unit Cost *	Subtotal	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	Deficiency Repair	Estimate
Rotary Park - 1 / Storage Barn	B2034	1123719	Overhead Door, Aluminum Roll-Up 144 SF, Replace	35	25	10	1	EA	\$4,025.54	\$4,026																						\$4,026	
Rotary Park - 1 / Storage Barn	B3011	1123718	Roof, Metal, Replace	40	25	15	1800	SF	\$12.45	\$22,410																					\$22,410		
Rotary Park - 1 / T-ball Diamonds	G2031	1122500	Pedestrian Pavement, Sidewalk, Concrete Large Areas, Replace	30	10	20	1500	SF	\$9.00	\$13,500																					\$13,500		
Rotary Park - 1 / T-ball Diamonds	G2041	1122498	Fences & Gates, Chain Link, 4' High, Replace	30	15	15	250	LF	\$30.51	\$7,628																					\$7,628		
Rotary Park - 1 / Youth Softball Diamonds	D2018	1123493	Drinking Fountain, Stainless Steel, Replace	15	10	5	1	EA	\$2,908.49	\$2,908																					\$2,908		
Rotary Park - 1 / Youth Softball Diamonds	G2045	1123494	Site Furnishings, Picnic Table, Plastic-Coated Metal, Replace	20	10	10	1	EA	\$2,087.25	\$2,087																					\$2,087		
Rotary Park - 1 / Youth Softball Diamonds - 11	G2041	1121974	Fences & Gates, Chain Link, 8' High, Replace	30	20	10	50	LF	\$107.80	\$5,390																					\$5,390		
Rotary Park - 1 / Youth Softball Diamonds - 11	G2041	1121977	Fences & Gates, Chain Link, 4' High, Replace	30	15	15	200	LF	\$30.51	\$6,102																					\$6,102		
Rotary Park - 1 / Youth Softball Diamonds - 12	G2041	1121980	Fences & Gates, Chain Link, 8' High, Replace	30	20	10	50	LF	\$107.80	\$5,390																					\$5,390		
Rotary Park - 1 / Youth Softball Diamonds - 12	G2041	1121981	Fences & Gates, Chain Link, 4' High, Replace	30	15	15	200	LF	\$30.51	\$6,102																					\$6,102		
Rotary Park - 1 / Youth Softball Diamonds - 12	G2041	1121979	Fences & Gates, Chain Link, 4' High, Replace	30	15	15	350	LF	\$30.51	\$10,679																					\$10,679		
Rotary Park - 1 / Youth Softball Diamonds - 5	G2041	1120780	Fences & Gates, Chain Link, 8' High, Replace	30	20	10	450	LF	\$53.90	\$24,255																					\$24,255		
Rotary Park - 1 / Youth Softball Diamonds - 5	G2041	1120783	Fences & Gates, Chain Link, 8' High, Replace	30	20	10	50	LF	\$107.80	\$5,390																					\$5,390		
Rotary Park - 1 / Youth Softball Diamonds - 5	G2041	1120782	Fences & Gates, Chain Link, 8' High, Replace	30	15	15	130	LF	\$53.90	\$7,007																					\$7,007		
Rotary Park - 1 / Youth Softball Diamonds - 5	G2041	1120784	Fences & Gates, Chain Link, 6' High, Replace	30	15	15	400	LF	\$37.54	\$15,016																					\$15,016		
Rotary Park - 1 / Youth Softball Diamonds - 5	G2047	1120781	Stadium/Football Field Lighting, 4 Poles with Fixtures at Corners or Sides, Foundations, Poles, Power Supply, Competition Grade at 200 Lux, Replace	15	5	10	1	LS	\$231,750.00	\$231,750																					\$231,750		
Rotary Park - 1 / Youth Softball Diamonds - 6	G2041	1120978	Fences & Gates, Chain Link, 8' High, Replace	30	20	10	450	LF	\$53.90	\$24,255																					\$24,255		
Rotary Park - 1 / Youth Softball Diamonds - 6	G2041	1120976	Fences & Gates, Chain Link, 8' High, Replace	30	20	10	50	LF	\$107.80	\$5,390																					\$5,390		
Rotary Park - 1 / Youth Softball Diamonds - 6	G2041	1120974	Fences & Gates, Chain Link, 8' High, Replace	30	15	15	130	LF	\$53.90	\$7,007																					\$7,007		
Rotary Park - 1 / Youth Softball Diamonds - 6	G2041	1120975	Fences & Gates, Chain Link, 6' High, Replace	30	15	15	400	LF	\$37.54	\$15,016																					\$15,016		
Rotary Park - 1 / Youth Softball Diamonds - 6	G2047	1120977	Stadium/Football Field Lighting, 4 Poles with Fixtures at Corners or Sides, Foundations, Poles, Power Supply, Competition Grade at 200 Lux, Replace	15	5	10	1	LS	\$231,750.00	\$231,750																					\$231,750		
Rotary Park - 1 / Youth Softball Diamonds - 7	G2041	1121091	Fences & Gates, Chain Link, 8' High, Replace	30	20	10	400	LF	\$53.90	\$21,560																					\$21,560		
Rotary Park - 1 / Youth Softball Diamonds - 7	G2041	1121094	Fences & Gates, Chain Link, 8' High, Replace	30	20	10	50	LF	\$107.80	\$5,390																					\$5,390		
Rotary Park - 1 / Youth Softball Diamonds - 7	G2041	1121093	Fences & Gates, Chain Link, 6' High, Replace	30	15	15	200	LF	\$37.54	\$7,508																					\$7,508		
Rotary Park - 1 / Youth Softball Diamonds - 7	G2041	1121092	Fences & Gates, Chain Link, 8' High, Replace	30	15	15	130	LF	\$53.90	\$7,007																					\$7,007		
Rotary Park - 1 / Youth Softball Diamonds - 7	G2047	1121359	Sports Apparatus, Scoreboard, Replace	20	15	5	1	EA	\$21,106.53	\$21,107																					\$21,107		
Rotary Park - 1 / Youth Softball Diamonds - 7	G2047	1121095	Stadium/Football Field Lighting, 4 Poles with Fixtures at Corners or Sides, Foundations, Poles, Power Supply, Competition Grade at 200 Lux, Replace	15	5	10	1	LS	\$231,750.00	\$231,750																					\$231,750		
Rotary Park - 1 / Youth Softball Diamonds - 8	G2041	1121361	Fences & Gates, Chain Link, 8' High, Replace	30	20	10	50	LF	\$107.80	\$5,390																					\$5,390		
Rotary Park - 1 / Youth Softball Diamonds - 8	G2041	1121363	Fences & Gates, Chain Link, 8' High, Replace	30	20	10	400	LF	\$53.90	\$21,560																					\$21,560		
Rotary Park - 1 / Youth Softball Diamonds - 8	G2041	1121362	Fences & Gates, Chain Link, 6' High, Replace	30	15	15	200	LF	\$37.54	\$7,508																					\$7,508		
Rotary Park - 1 / Youth Softball Diamonds - 8	G2041	1121364	Fences & Gates, Chain Link, 8' High, Replace	30	15	15	130	LF	\$53.90	\$7,007																					\$7,007		
Rotary Park - 1 / Youth Softball Diamonds - 8	G2047	1121360	Stadium/Football Field Lighting, 4 Poles with Fixtures at Corners or Sides, Foundations, Poles, Power Supply, Competition Grade at 200 Lux, Replace	15	5	10	1	LS	\$231,750.00	\$231,750																					\$231,750		
Rotary Park / RP101 Grounds	B2011	1123504	Exterior Wall, Painted Surface, 1-2 Stories, Prep & Paint	10	1	9	50	SF	\$2.87	\$144																							

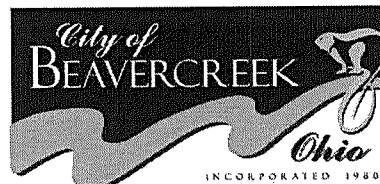
Location Name	Unifromat Code	ID	Cost Description	Lifespan (EUL)	EAge	RUL	QuantityUnit	Unit Cost *	Subtotal	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	Deficiency Repair Estimate	
Royal Pointe Park / Shade Structure	G2045	1113716	Site Furnishings, Picnic Table, Plastic-Coated Metal, Replace	20	10	10	3	EA	\$1,391.50	\$4,175																					\$4,175	
Royal Pointe Park / Shelter	B2011	1118224	Exterior Wall, Painted Surface, 1-2 Stories, Prep & Paint	10	9	1	500	SF	\$2.87	\$1,435	\$1,435																				\$2,870	
Royal Pointe Park / Shelter	B3011	1118226	Roof, Asphalt Shingle, Replace	20	13	7	300	SF	\$3.42	\$1,026																					\$1,026	
Saville Farm Estates Park	G2044	1115334	Signage, Property, Monument/Pylon, Replace	20	5	15	1	EA	\$8,602.00	\$8,602																					\$8,602	
Saville Farm Estates Park	G2045	1113725	Site Furnishings, Picnic Table, Plastic-Coated Metal, Replace	20	10	10	1	EA	\$1,391.50	\$1,392																					\$1,392	
Saville Farm Estates Park / Playground	G2041	1118246	Fences & Gates, Chain Link, 8' High, Replace	30	19	11	40	LF	\$53.90	\$2,156																					\$2,156	
Saville Farm Estates Park / Playground	G2045	1118248	Site Furnishings, Park Bench, Metal/Wood/Plastic, Replace	20	10	10	3	EA	\$487.03	\$1,461																					\$1,461	
Saville Farm Estates Park / Playground	G2047	1118253	Play Surfaces & Sports Courts, Wood Chips, 3" Depth, Replace	20	15	5	2200	SF	\$0.81	\$1,782																					\$1,782	
Shoup Park	D2018	1115263	Drinking Fountain, Stainless Steel, Replace	15	3	12	1	EA	\$2,908.49	\$2,908																					\$2,908	
Shoup Park	G2012	1113885	Roadways, Asphalt Pavement, Seal & Stripe	5	3	2	14000	SF	\$0.38	\$5,320	\$5,320																				\$5,320	
Shoup Park	G2012	1115260	Roadways, Asphalt Pavement, Seal & Stripe	5	3	2	14000	SF	\$0.38	\$5,320	\$5,320																				\$5,320	
Shoup Park	G2023	1115239	Parking Lots, Wheel Stop, Concrete or Plastic, Replace	20	20	0	4	EA	\$237.96	\$952	\$952																				\$952	
Shoup Park	G2023	1115241	Parking Lots, Wheel Stop, Concrete or Plastic, Replace	20	10	10	13	EA	\$237.96	\$3,093																					\$3,093	
Shoup Park	G2031	1113737	Pedestrian Pavement, Sidewalk, Concrete Large Areas, Replace	30	19	11	900	SF	\$9.00	\$8,100																					\$8,100	
Shoup Park	G2041	1115247	Fences & Gates, Chain Link, 4' High, Replace	30	19	11	450	LF	\$30.51	\$13,730																					\$13,730	
Shoup Park	G2044	1113684	Signage, Property, Monument/Pylon, Replace	20	5	15	1	EA	\$8,602.00	\$8,602																					\$8,602	
Shoup Park	G2045	1113703	Site Furnishings, Park Bench, Metal/Wood/Plastic, Replace	20	10	10	5	EA	\$487.03	\$2,435																					\$2,435	
Shoup Park	G2045	1115238	Site Furnishings, Park Bench, Metal/Wood/Plastic, Replace	20	5	15	5	EA	\$487.03	\$2,435																					\$2,435	
Shoup Park	G4021	1115254	Pole Light, Exterior, 250 W HID (Fixture Only), Replace	20	10	10	1	EA	\$4,630.42	\$4,630																					\$4,630	
Shoup Park / Basketball Court	G2047	1115253	Sports Apparatus, Basketball Backstop, Replace	10	5	5	1	EA	\$9,435.64	\$9,436																					\$9,436	
Shoup Park / Playground	G2047	1115246	Play Surfaces & Sports Courts, Wood Chips, 3" Depth, Replace	20	15	5	7000	SF	\$0.81	\$5,670	\$5,670																				\$5,670	
Shoup Park / Shelter	G2045	1113719	Site Furnishings, Picnic Table, Plastic-Coated Metal, Replace	20	10	10	7	EA	\$1,391.50	\$9,741																					\$9,741	
Spicer Heights	G2012	1115230	Roadways, Asphalt Pavement, Seal & Stripe	5	3	2	10400	SF	\$0.38	\$3,952	\$3,952																				\$3,952	
Spicer Heights	G2022	1116989	Parking Lots, Asphalt Pavement, Overlay	25	10	15	10400	SF	\$1.79	\$18,616																						\$18,616
Spicer Heights	G2044	1113685	Signage, Property, Monument/Pylon, Replace	20	1	19	1	EA	\$8,602.00	\$8,602																					\$8,602	
Spicer Heights	G2045	1116990	Site Furnishings, Park Bench, Metal/Wood/Plastic, Replace	20	5	15	1	EA	\$487.03	\$487																					\$487	
Spicer Heights	G2045	1115371	Site Furnishings, Picnic Table, Plastic-Coated Metal, Replace	20	1	19	2	EA	\$1,391.50	\$2,783																					\$2,783	
Spicer Heights / Playground	G2045	1115378	Site Furnishings, Park Bench, Metal/Wood/Plastic, Replace	20	5	15	4	EA	\$487.03	\$1,948																					\$1,948	
Spicer Heights / Playground	G2047	1115305	Play Surfaces & Sports Courts, Wood Chips, 3" Depth, Replace	20	1	19	5000	SF	\$0.81	\$4,050																						\$4,050
Spicer Heights / Shelter	G2045	1116843	Site Furnishings, Picnic Table, Plastic-Coated Metal, Replace	20	1	19	5	EA	\$1,391.50	\$6,958																					\$6,958	
Stafford Park	G2044	1113687	Signage, Property, Monument/Pylon, Replace	20	5	15	1	EA	\$8,602.00	\$8,602																					\$8,602	
Stafford Park	G2045	1113726	Site Furnishings, Picnic Table, Plastic-Coated Metal, Replace	20	5	15	2	EA	\$1,391.50	\$2,783																					\$2,783	
Stafford Park / Bridge	G2041	1116689	Fences & Gates, Painted Surface, Prep & Paint	10	5	5	100	SF	\$2.87	\$287																					\$287	
Stafford Park / Playground	G2045	1113706	Site Furnishings, Park Bench, Metal/Wood/Plastic, Replace	20	10	10	2	EA	\$487.03	\$974																					\$974	
Stafford Park / Playground	G2047	1113975	Play Surfaces & Sports Courts, Wood Chips, 3" Depth, Replace	20	10	10	600	SF	\$0.81	\$486																					\$486	
Summerfield Park	G2044	1113683	Signage, Property, Monument/Pylon, Replace	20	5	15	1	EA	\$8,602.00	\$8,602																					\$8,602	
Summerfield Park / Playground	G2045	1115304	Site Furnishings, Picnic Table, Plastic-Coated Metal, Replace	20	5	15	7	EA	\$1,391.50	\$9,741																					\$9,741	
Summerfield Park / Playground	G2045	1115328	Site Furnishings, Park Bench, Metal/Wood/Plastic, Replace	20	5	15	2	EA	\$487.03	\$974																					\$974	
Summerfield Park / Playground	G2047	1118278	Play Surfaces & Sports Courts, Wood Chips, 3" Depth, Replace	20	5	15	2500	SF	\$0.81	\$2,025																					\$2,025	
Virgallito Park	G2012	1115343	Roadways, Asphalt Pavement, Seal & Stripe	5	4	1	8400	SF	\$0.38	\$3,192	\$3,192																				\$12,768	
Virgallito Park	G2012	1115327	Roadways, Asphalt Pavement, Seal & Stripe	25	15	10	8400	SF	\$1.79	\$15,036																					\$15,036	
Virgallito Park	G2023	1116759	Parking Lots, Wheel Stop, Concrete or Plastic, Replace	20	20	0	5	EA	\$237.96																							



**FIVE YEAR  
CAPITAL IMPROVEMENTS PLAN  
2020-2024**  
**PARKS, RECREATION  
& CULTURE - 2020**  
Prepared By:  
The Department Of Public Works,  
Engineering Division



# 5 YEAR CAPITAL PROGRAM



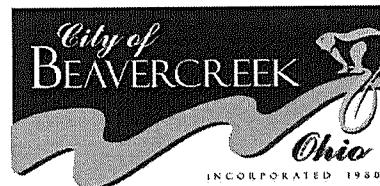
PROJECT DESCRIPTION	PROJECT DETAILS	PROJECT COST BREAKDOWN
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## PARKS RECREATION AND CULTURE

### PROJECT YEAR 2020

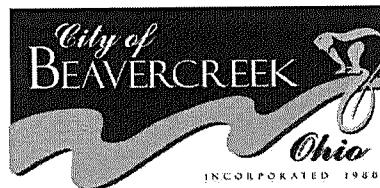
<b>Lofino Plaza Parking Lot Lighting</b>		<b>ESTIMATED TOTAL COST</b>	<b>\$40,000.00</b>
Lighting & Sidewalk for Lofino Plaza Parking Lot	ENGINEERING BY:  CONSTRUCTION PERFORMED BY: CONTRACTOR PROJECT TYPE: NEW CONSTRUCTION	279	\$8,000.00
		CDBG	\$32,000.00
			\$0.00
REFERENCE NO. 523			
<b>Senior Center HVAC Upgrades</b>		<b>ESTIMATED TOTAL COST</b>	<b>\$30,000.00</b>
Upgrade HVAC System at older portion of senior center	ENGINEERING BY:  CONSTRUCTION PERFORMED BY: CONTRACTOR PROJECT TYPE: CONSTRUCTION	279	\$30,000.00
			\$0.00
			\$0.00
REFERENCE NO. 572			
<b>C.I. Beaver Culvert Replacement</b>		<b>ESTIMATED TOTAL COST</b>	<b>\$5,000.00</b>
Materials cost of culvert replacement	ENGINEERING BY:  CONSTRUCTION PERFORMED BY: CITY PROJECT TYPE: CONSTRUCTION	279	\$5,000.00
			\$0.00
			\$0.00
REFERENCE NO. 573			

# 5 YEAR CAPITAL PROGRAM



PROJECT DESCRIPTION	PROJECT DETAILS	PROJECT COST BREAKDOWN	
<b>Rotary Park Entrance Paving</b>		<b>ESTIMATED TOTAL COST</b> <b>\$125,000.00</b>	
Resurfacing of entrance to Rotary Park	ENGINEERING BY:  CONSTRUCTION PERFORMED BY: CONTRACTOR PROJECT TYPE: CONSTRUCTION	279	\$125,000.00
REFERENCE NO. 574			\$0.00
			\$0.00
<b>Lofino Dock Replacement</b>		<b>ESTIMATED TOTAL COST</b> <b>\$45,000.00</b>	
Replacement of fishing dock at Lofino Park	ENGINEERING BY:  CONSTRUCTION PERFORMED BY: CONTRACTOR PROJECT TYPE: CONSTRUCTION	279	\$45,000.00
REFERENCE NO. 575			\$0.00
			\$0.00
<b>ADA Park Assessment</b>		<b>ESTIMATED TOTAL COST</b> <b>\$30,000.00</b>	
Study to identify park upgrades to meet current ADA standards	ENGINEERING BY: CONSULTANT CONSTRUCTION PERFORMED BY:  PROJECT TYPE: DESIGN	279	\$30,000.00
REFERENCE NO. 576			\$0.00
			\$0.00
<b>Grange Hall Park</b>		<b>ESTIMATED TOTAL COST</b> <b>\$10,000.00</b>	
Path Repairs	ENGINEERING BY:  CONSTRUCTION PERFORMED BY: CONTRACTOR PROJECT TYPE: CONSTRUCTION	279	\$10,000.00
REFERENCE NO. 577			\$0.00
			\$0.00

## 5 YEAR CAPITAL PROGRAM



PROJECT DESCRIPTION	PROJECT DETAILS	PROJECT COST BREAKDOWN	
<b>Fifth Third Gateway Park</b>		<b>ESTIMATED TOTAL COST</b> <b>\$4,000.00</b>	
Path Repairs	ENGINEERING BY:  CONSTRUCTION PERFORMED BY: CONTRACTOR PROJECT TYPE: CONSTRUCTION	279	\$4,000.00
			\$0.00
			\$0.00
REFERENCE NO.	578		

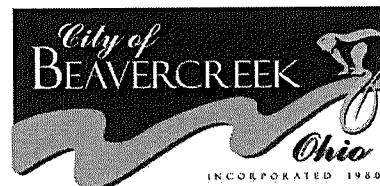
## PEDESTRIAN – BICYCLE FACILITIES

The City of Beavercreek is fortunate to have as one of its standing committees, the Beavercreek Bikeway and Non-Motorized Transportation Advisory Committee, which as one of its main duties is to provide suggestions into the construction and maintenance of the City's pedestrian and bikeway infrastructure. This committee provided valuable input into the upgrading of the non-motorized portion of the City's thoroughfare plan that was recently updated.

This committee's input into the Capital Planning process is supported by the Planning Department and includes the extension and maintenance of bicycle routing on interior, lesser traveled streets, connectivity of sidewalk systems, and construction of various separate bike paths to provide safe travel throughout the City for bicyclists, pedestrians and other forms of non-motorized travel.

The improvement of the City's trail and sidewalk infrastructure is often included as a component of a larger roadway improvement in order to utilize grant funding to the greatest extent possible. Funding for the pedestrian and bicycle facilities as 'standalone' projects is often dependent on the location and type of use and is subject to funding availability as determined by City Council.

# 5 YEAR CAPITAL PROGRAM



PROJECT DESCRIPTION	PROJECT DETAILS	PROJECT COST BREAKDOWN
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## BIKEWAYS AND PEDESTRIAN FACILITIES

### PROJECT YEAR 2020

Sidepath Repair and Maintenance		ESTIMATED TOTAL COST	\$100,000.00
Sidepath Repairs	ENGINEERING BY: IN-HOUSE CONSTRUCTION PERFORMED BY: CONTRACTOR PROJECT TYPE: CONSTRUCTION	101	\$90,000.00
		204	\$10,000.00
			\$0.00
REFERENCE NO. 552			

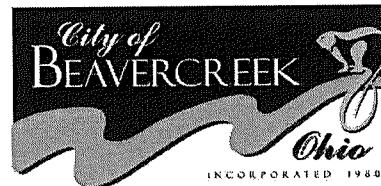
### PROJECT YEAR 2022

Shakertown Sidepath Extension		ESTIMATED TOTAL COST	\$100,000.00
Construction of an 8' side path on Shakertown Road between Autumn Leaf and Farmbrook	ENGINEERING BY: CONSULTANT CONSTRUCTION PERFORMED BY: CONTRACTOR PROJECT TYPE: DESIGN & R/W	260	\$100,000.00
			\$0.00
			\$0.00
REFERENCE NO. 67			

Stedman Lane Sidewalk Extension		ESTIMATED TOTAL COST	\$150,000.00
Extend sidewalk along west side of Stedman Lane to connect Summerfield neighborhood to Dayton-Xenia Road	ENGINEERING BY: IN-HOUSE CONSTRUCTION PERFORMED BY: CONTRACTOR PROJECT TYPE: CONSTRUCTION	260	\$150,000.00
			\$0.00
			\$0.00
REFERENCE NO. 508			

# 5 YEAR CAPITAL PROGRAM



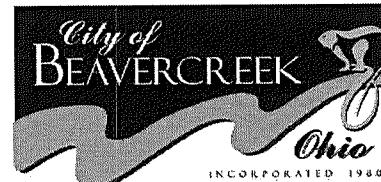
PROJECT DESCRIPTION	PROJECT DETAILS	PROJECT COST BREAKDOWN	
<b>Kemp Road Sidewalks (GH to Oxmoor)</b>		<b>ESTIMATED TOTAL COST</b> <b>\$200,000.00</b>	
R/W Purchase for Sidewalk Installation	ENGINEERING BY: CONSULTANT	408	\$200,000.00
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: R/W ACQUISITION		\$0.00
REFERENCE NO. 537			
<b>Shakertown Road Sidepath Extension</b>		<b>ESTIMATED TOTAL COST</b> <b>\$200,000.00</b>	
Construction of sidepath along Shakertown Road between Autumn Leaf and Farmbrook	ENGINEERING BY: CONSULTANT	204	\$100,000.00
	CONSTRUCTION PERFORMED BY: CONTRACTOR	260	\$100,000.00
	PROJECT TYPE: CONSTRUCTION		\$0.00
REFERENCE NO. 568			

## PROJECT YEAR 2023

<b>Kemp Road Pedestrian Improvements (GH to Oxmoor)</b>	<b>ESTIMATED TOTAL COST</b> <b>\$627,000.00</b>	
The construction of pedestrian improvements along Kemp Road between Grange Hall Road and Oxmoor.	ENGINEERING BY:	203
	CONSTRUCTION PERFORMED BY: CONTRACTOR	MVRPC
	PROJECT TYPE: CONSTRUCTION	
REFERENCE NO. 515		

## PROJECT YEAR 2025-2030

# 5 YEAR CAPITAL PROGRAM

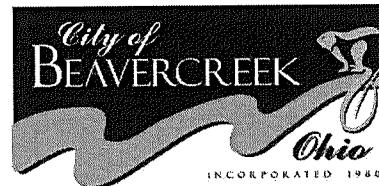


PROJECT DESCRIPTION	PROJECT DETAILS	PROJECT COST BREAKDOWN	
<b>Kemp Rd. Side path (Gerspacher to Bluewing)</b>		<b>ESTIMATED TOTAL COST</b> <b>\$50,000.00</b>	
Extension of Mark Stamps side path to provide connectivity and access to school.	<b>ENGINEERING BY:</b> CONSULTANT <b>CONSTRUCTION PERFORMED BY:</b> CONTRACTOR <b>PROJECT TYPE:</b> NEW CONSTRUCTION	TO BE DETERMINED	\$50,000.00
		TO BE DETERMINED	\$0.00
		TO BE DETERMINED	\$0.00
REFERENCE NO. 69			
<b>Shakertown Rd. Side path Extension</b>		<b>ESTIMATED TOTAL COST</b> <b>\$150,000.00</b>	
Extension of Shakertown Rd. Side path on south side of Shakertown Rd. from Tara Estates to existing path segment at Rustic Trail to provide connectivity	<b>ENGINEERING BY:</b> CONSULTANT <b>CONSTRUCTION PERFORMED BY:</b> CONTRACTOR <b>PROJECT TYPE:</b> NEW CONSTRUCTION	TO BE DETERMINED	\$15,000.00
		TO BE DETERMINED	\$135,000.00
		TO BE DETERMINED	\$0.00
REFERENCE NO. 360			

## PROJECT YEAR 2031-2035

<b>Beaver Valley Rd. Bike path Extension</b>		<b>ESTIMATED TOTAL COST</b> <b>\$500,000.00</b>	
The design and construction of a new bike path from Hunters Ridge Subdivision to D-X Rd. along east side of Beaver Valley Rd.	<b>ENGINEERING BY:</b> CONSULTANT <b>CONSTRUCTION PERFORMED BY:</b> CONTRACTOR <b>PROJECT TYPE:</b> NEW CONSTRUCTION	TO BE DETERMINED	
REFERENCE NO. 267			
<b>Meadowbridge Sidewalk Extension</b>		<b>ESTIMATED TOTAL COST</b> <b>\$20,000.00</b>	
Extension of Sidewalk on west side of Meadowbridge Drive from Dayton-Xenia Rd. to Shoup Park to provide safe access to park from existing sidewalk system on D-X. Rd.	<b>ENGINEERING BY:</b> IN-HOUSE <b>CONSTRUCTION PERFORMED BY:</b> CONTRACTOR <b>PROJECT TYPE:</b> NEW CONSTRUCTION	204 STREET MAINTENANCE FUND	\$20,000.00
			\$0.00
			\$0.00
REFERENCE NO. 369			

## 5 YEAR CAPITAL PROGRAM

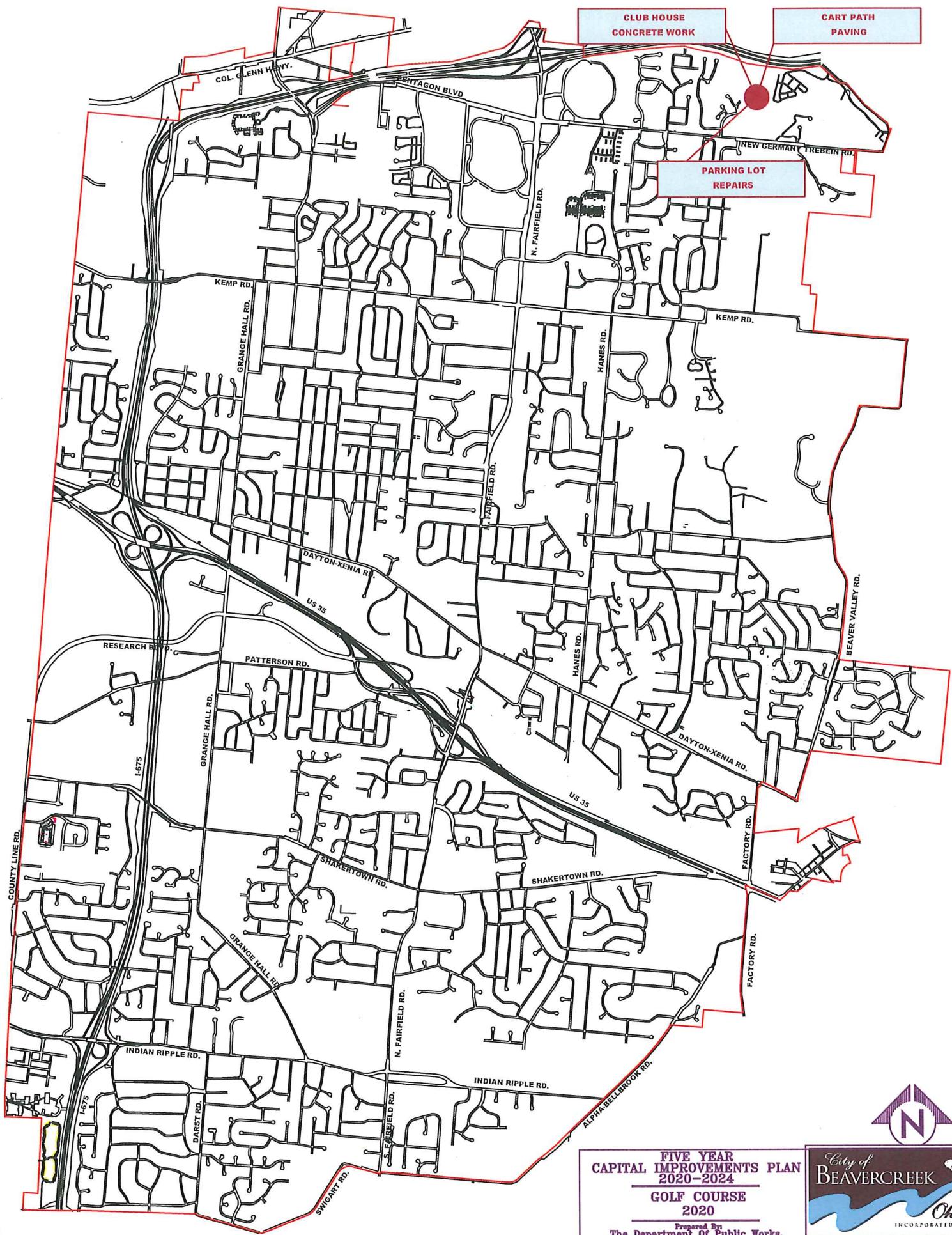


PROJECT DESCRIPTION	PROJECT DETAILS	PROJECT COST BREAKDOWN	
<b>Turnbull Drive Sidewalk Extension</b>		<b>ESTIMATED TOTAL COST</b> <b>\$50,000.00</b>	
Construction of 700 ft of curb and sidewalk from Kemp Rd. southward to Brookeridge Drive, including a culvert extension, to provide safe passage for school children to Shaw Elementary School and access to Mark Stamps bike path.	ENGINEERING BY: IN-HOUSE CONSTRUCTION PERFORMED BY: CONTRACTOR PROJECT TYPE: NEW CONSTRUCTION	TO BE DETERMINED	\$50,000.00
REFERENCE NO. 370		TO BE DETERMINED	\$0.00
		TO BE DETERMINED	\$0.00

## GOLF COURSE FACILITIES

The City of Beavercreek currently operates one of the highest regarded public courses in the State of Ohio. Currently, annual revenues are expected to meet operating costs, however, due to the ongoing payments for construction financing, the allocation for additional capital dollars for the clubhouse and golf course are somewhat limited. With the need to continue to present the community with a quality facility, it is necessary to invest in capital improvements at the golf course as funding will allow. Some capital items proposed for construction in 2020 include the following:

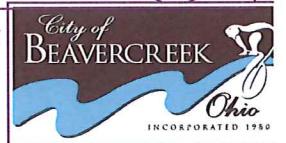
- Cart path paving
- Repairs to the clubhouse parking lot
- Repair and replacement of some of the concrete areas at the clubhouse



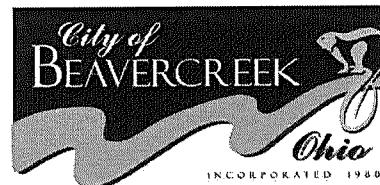
**FIVE YEAR  
CAPITAL IMPROVEMENTS PLAN  
2020-2024**

**GOLF COURSE  
2020**

Prepared by  
The Department of Public Works,  
Engineering Division



# 5 YEAR CAPITAL PROGRAM



PROJECT DESCRIPTION	PROJECT DETAILS	PROJECT COST BREAKDOWN
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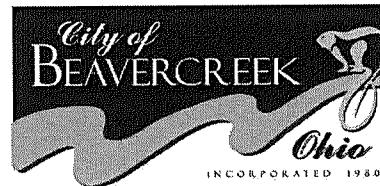
## GOLF COURSE CAPITAL ITEMS

### PROJECT YEAR 2020

<b>Cart path paving</b>		<b>ESTIMATED TOTAL COST</b>	<b>\$50,000.00</b>
Paving of cart paths	ENGINEERING BY:	572	\$50,000.00
	CONSTRUCTION PERFORMED BY:		\$0.00
	CONTRACTOR		
	PROJECT TYPE:		\$0.00
REFERENCE NO.	569	CONSTRUCTION	
<b>Parking Lot Repairs</b>		<b>ESTIMATED TOTAL COST</b>	<b>\$50,000.00</b>
Repairs to Parking Lot by Clubhouse	ENGINEERING BY:	572	\$50,000.00
	CONSTRUCTION PERFORMED BY:		\$0.00
	CONTRACTOR		
	PROJECT TYPE:		\$0.00
REFERENCE NO.	570	CONSTRUCTION	
<b>Concrete repairs by clubhouse</b>		<b>ESTIMATED TOTAL COST</b>	<b>\$50,000.00</b>
Concrete Replacements	ENGINEERING BY:	572	\$50,000.00
	CONSTRUCTION PERFORMED BY:		\$0.00
	CONTRACTOR		
	PROJECT TYPE:		\$0.00
REFERENCE NO.	571	CONSTRUCTION	

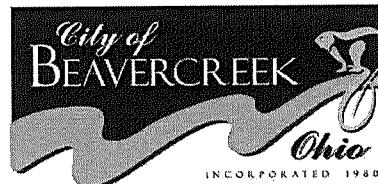
### PROJECT YEAR 2025-2030

# 5 YEAR CAPITAL PROGRAM



PROJECT DESCRIPTION	PROJECT DETAILS	PROJECT COST BREAKDOWN	
<b>Practice Facility Renovation</b>		<b>ESTIMATED TOTAL COST</b> <b>\$600,000.00</b>	
Renovate entire practice facility. Make range longer and increase tee size. Also to include heated stalls and hitting bays. Expected to be open year round. Immediate impact on revenue as we currently utilize the range seven months out of the year.	ENGINEERING BY: IN-HOUSE CONSTRUCTION PERFORMED BY: CONTRACTOR PROJECT TYPE: REPAIR		\$0.00
REFERENCE NO. 124		572 GOLF COURSE ENTERPRISE FUND	\$600,000.00
			\$0.00

# 5 YEAR CAPITAL PROGRAM



PROJECT DESCRIPTION	PROJECT DETAILS	PROJECT COST BREAKDOWN
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## GOLF

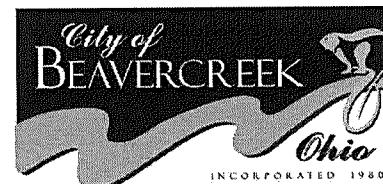
### PROJECT YEAR 2020

PARKING LOT SEAL AND STRIPE (100200 SF)	ESTIMATED TOTAL COST	\$38,076.00
	ENGINEERING BY: IN-HOUSE	572
	CONSTRUCTION PERFORMED BY: CONTRACTOR	\$0.00
	PROJECT TYPE: REPLACEMENT	\$0.00
REFERENCE NO. 715		

### PROJECT YEAR 2021

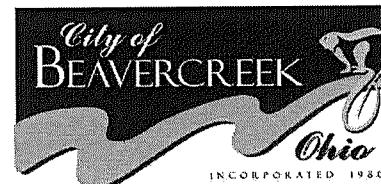
INTERIOR WALL PAINT	ESTIMATED TOTAL COST	\$24,163.47
	ENGINEERING BY: N/A	572
	CONSTRUCTION PERFORMED BY: CONTRACTOR	\$0.00
	PROJECT TYPE: REPLACEMENT	\$0.00
REFERENCE NO. 718		
CONDENSING UNIT/HEAT PUMP SPLIT 6.5 TON REPLAC	ESTIMATED TOTAL COST	\$25,331.60
	ENGINEERING BY: N/A	572
	CONSTRUCTION PERFORMED BY: CONTRACTOR	\$0.00
	PROJECT TYPE: REPLACEMENT	\$0.00
REFERENCE NO. 720		

# 5 YEAR CAPITAL PROGRAM



PROJECT DESCRIPTION	PROJECT DETAILS	PROJECT COST BREAKDOWN	
<b>INTERIOR LIGHTING UPGRADE</b>		<b>ESTIMATED TOTAL COST</b> <b>\$141,557.32</b>	
	ENGINEERING BY: N/A	572	\$141,557.32
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
REFERENCE NO. 721			
<b>COMMERCIAL FOOD WARMER REPLACEMENT</b>		<b>ESTIMATED TOTAL COST</b> <b>\$1,695.91</b>	
	ENGINEERING BY: N/A	572	\$1,695.91
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
REFERENCE NO. 722			
<b>COMMERCIAL DEEP FRYER REPLACEMENT</b>		<b>ESTIMATED TOTAL COST</b> <b>\$6,957.39</b>	
	ENGINEERING BY: N/A	572	\$6,957.39
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
REFERENCE NO. 723			
<b>COMMERCIAL REFRIGERATOR REPLACEMENT</b>		<b>ESTIMATED TOTAL COST</b> <b>\$4,650.65</b>	
	ENGINEERING BY: N/A	572	\$4,650.65
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
REFERENCE NO. 724			

## 5 YEAR CAPITAL PROGRAM

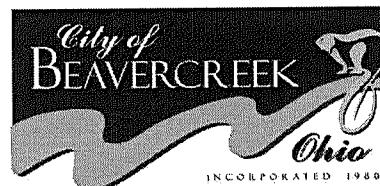


PROJECT DESCRIPTION	PROJECT DETAILS	PROJECT COST BREAKDOWN	
<b>COMMERCIAL EXHAUST HOOD</b>		<b>ESTIMATED TOTAL COST</b> <b>\$8,274.13</b>	
	ENGINEERING BY: N/A	572	\$8,274.13
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
REFERENCE NO.	725		
<b>BACKFLOW PREVENTER 6" REPLACEMENT (FIRE SUPP)</b>		<b>ESTIMATED TOTAL COST</b> <b>\$10,411.50</b>	
	ENGINEERING BY: N/A	572	\$10,411.50
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
REFERENCE NO.	726		

### PROJECT YEAR 2022

<b>CEILING TILE REPLACEMENT</b>		<b>ESTIMATED TOTAL COST</b> <b>\$22,489.92</b>	
	ENGINEERING BY: N/A	572	\$22,489.92
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
REFERENCE NO.	727		
<b>INTERIOR CARPET REPLACEMENT (800 SF)</b>		<b>ESTIMATED TOTAL COST</b> <b>\$6,536.96</b>	
	ENGINEERING BY: N/A	572	\$6,536.96
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
REFERENCE NO.	728		

# 5 YEAR CAPITAL PROGRAM

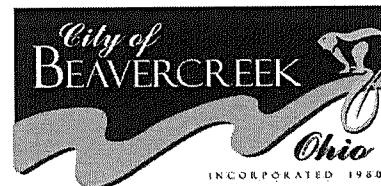


PROJECT DESCRIPTION	PROJECT DETAILS	PROJECT COST BREAKDOWN	
<b>GAS FURNACE REPLACEMENT</b>		<b>ESTIMATED TOTAL COST</b> <b>\$4,278.06</b>	
	ENGINEERING BY: N/A	572	\$4,278.06
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
REFERENCE NO. 729			

## PROJECT YEAR 2023

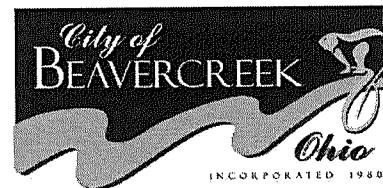
<b>INTERIOR WALL VINYL REPLACEMENT</b>		<b>ESTIMATED TOTAL COST</b> <b>\$4,605.80</b>	
	ENGINEERING BY: N/A	572	\$4,605.80
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
REFERENCE NO. 730			
<b>INTERIOR CEILING PAINT</b>		<b>ESTIMATED TOTAL COST</b> <b>\$9,211.00</b>	
	ENGINEERING BY: N/A	572	\$9,211.00
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
REFERENCE NO. 731			
<b>FIRE EXTINGUISHER REPLACEMENT</b>		<b>ESTIMATED TOTAL COST</b> <b>\$2,557.00</b>	
	ENGINEERING BY: N/A	572	\$2,557.00
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
REFERENCE NO. 732			

# 5 YEAR CAPITAL PROGRAM



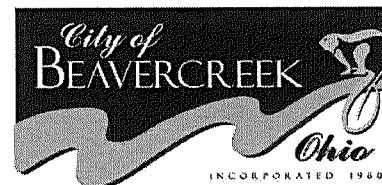
PROJECT DESCRIPTION	PROJECT DETAILS	PROJECT COST BREAKDOWN	
<b>EXIT LIGHTING LED REPLACEMENT</b>		<b>ESTIMATED TOTAL COST</b> <b>\$11,956.00</b>	
	ENGINEERING BY: N/A	572	\$11,956.00
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
REFERENCE NO.	733		
<b>BACKFLOW PREVENTER 1" DOMESTIC REPLACEMENT</b>		<b>ESTIMATED TOTAL COST</b> <b>\$2,958.00</b>	
	ENGINEERING BY: N/A	572	\$2,958.00
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
REFERENCE NO.	734		
<b>BACKFLOW PREVENTER 2" DOMESTIC REPLACEMENT</b>		<b>ESTIMATED TOTAL COST</b> <b>\$6,035.00</b>	
	ENGINEERING BY: N/A	572	\$6,035.00
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
REFERENCE NO.	735		
<b>EXTERIOR POLE LIGHT REPLACEMENT</b>		<b>ESTIMATED TOTAL COST</b> <b>\$38,291.00</b>	
	ENGINEERING BY: N/A	572	\$38,291.00
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
REFERENCE NO.	736		

# 5 YEAR CAPITAL PROGRAM



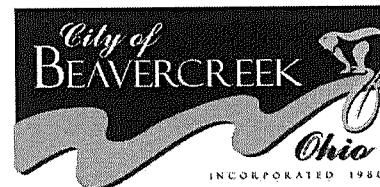
PROJECT DESCRIPTION	PROJECT DETAILS	PROJECT COST BREAKDOWN	
<b>URINAL REPLACEMENT (6)</b>	<b>ESTIMATED TOTAL COST</b>		<b>\$8,301.00</b>
	ENGINEERING BY: N/A	572	\$8,301.00
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
REFERENCE NO. 737			
<b>SHOWER REPLACEMENT</b>	<b>ESTIMATED TOTAL COST</b>		<b>\$3,013.00</b>
	ENGINEERING BY: N/A	572	\$3,013.00
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
REFERENCE NO. 738			
<b>SINK REPLACEMENT (2)</b>	<b>ESTIMATED TOTAL COST</b>		<b>\$2,444.00</b>
	ENGINEERING BY: N/A	572	\$2,444.00
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
REFERENCE NO. 739			
<b>COMMERCIAL DISHWASHER REPLACEMENT</b>	<b>ESTIMATED TOTAL COST</b>		<b>\$22,794.00</b>
	ENGINEERING BY: N/A	572	\$22,794.00
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
REFERENCE NO. 740			

# 5 YEAR CAPITAL PROGRAM



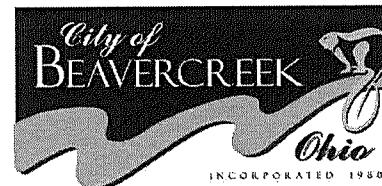
PROJECT DESCRIPTION	PROJECT DETAILS	PROJECT COST BREAKDOWN	
<b>COMMERCIAL CONVECTION OVEN REPLACEMENT</b>		<b>ESTIMATED TOTAL COST</b> <b>\$10,020.00</b>	
	ENGINEERING BY: N/A CONSTRUCTION PERFORMED BY: CONTRACTOR PROJECT TYPE: REPLACEMENT	572	\$10,020.00
REFERENCE NO.	741		\$0.00
			\$0.00
<b>COMMERCIAL GARBAGE DISPOSAL REPLACEMENT</b>		<b>ESTIMATED TOTAL COST</b> <b>\$3,981.00</b>	
	ENGINEERING BY: N/A CONSTRUCTION PERFORMED BY: CONTRACTOR PROJECT TYPE: REPLACEMENT	572	\$3,981.00
REFERENCE NO.	742		\$0.00
			\$0.00
<b>COMMERCIAL EXHAUST HOOD</b>		<b>ESTIMATED TOTAL COST</b> <b>\$8,778.00</b>	
	ENGINEERING BY: N/A CONSTRUCTION PERFORMED BY: CONTRACTOR PROJECT TYPE: REPLACEMENT	572	\$8,778.00
REFERENCE NO.	743		\$0.00
			\$0.00
<b>COMMERCIAL REACH-IN FREEZER REPLACEMENT</b>		<b>ESTIMATED TOTAL COST</b> <b>\$3,291.00</b>	
	ENGINEERING BY: N/A CONSTRUCTION PERFORMED BY: CONTRACTOR PROJECT TYPE: REPLACEMENT	572	\$3,291.00
REFERENCE NO.	744		\$0.00
			\$0.00

# 5 YEAR CAPITAL PROGRAM



PROJECT DESCRIPTION	PROJECT DETAILS	PROJECT COST BREAKDOWN	
<b>COMMERCIAL GRIDDLE REPLACEMENT</b>		<b>ESTIMATED TOTAL COST</b> <b>\$7,354.00</b>	
	ENGINEERING BY: N/A CONSTRUCTION PERFORMED BY: CONTRACTOR PROJECT TYPE: REPLACEMENT	572	\$7,354.00
REFERENCE NO.	745		\$0.00
			\$0.00
<b>BACKFLOW PREVENTER 2" REPLACEMENT (CART RO</b>		<b>ESTIMATED TOTAL COST</b> <b>\$6,035.00</b>	
	ENGINEERING BY: N/A CONSTRUCTION PERFORMED BY: CONTRACTOR PROJECT TYPE: REPLACEMENT	572	\$6,035.00
REFERENCE NO.	746		\$0.00
			\$0.00
<b>GAS FURNACE REPLACEMENT (CART ROOM)</b>		<b>ESTIMATED TOTAL COST</b> <b>\$4,406.00</b>	
	ENGINEERING BY: N/A CONSTRUCTION PERFORMED BY: CONTRACTOR PROJECT TYPE: REPLACEMENT	572	\$4,406.00
REFERENCE NO.	747		\$0.00
			\$0.00
<b>FIRE ALARM PANEL REPLACEMENT</b>		<b>ESTIMATED TOTAL COST</b> <b>\$23,531.00</b>	
	ENGINEERING BY: N/A CONSTRUCTION PERFORMED BY: CONTRACTOR PROJECT TYPE: REPLACEMENT	572	\$23,531.00
REFERENCE NO.	748		\$0.00
			\$0.00

# 5 YEAR CAPITAL PROGRAM

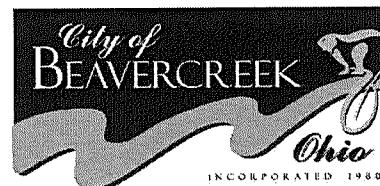


PROJECT DESCRIPTION	PROJECT DETAILS	PROJECT COST BREAKDOWN	
<b>EXTERIOR WALL PAINT (STUDIO)</b>	<b>ESTIMATED TOTAL COST</b> <b>\$3,726.00</b>		
REFERENCE NO. 749	ENGINEERING BY: N/A	572	\$3,726.00
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
<b>INTERIOR FLOORING REPLACEMENT (STUDIO)</b>	<b>ESTIMATED TOTAL COST</b> <b>\$6,312.00</b>		
REFERENCE NO. 750	ENGINEERING BY: N/A	572	\$6,312.00
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
<b>INTERIOR CEILING PAINT (STUDIO)</b>	<b>ESTIMATED TOTAL COST</b> <b>\$2,631.00</b>		
REFERENCE NO. 751	ENGINEERING BY: N/A	572	\$2,631.00
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00

## PROJECT YEAR 2024

<b>FIRE ALARM SYSTEM INSTALL</b>	<b>ESTIMATED TOTAL COST</b> <b>\$51,372.00</b>	
REFERENCE NO. 752	ENGINEERING BY: N/A	572
	CONSTRUCTION PERFORMED BY: CONTRACTOR	
	PROJECT TYPE: REPLACEMENT	

# 5 YEAR CAPITAL PROGRAM

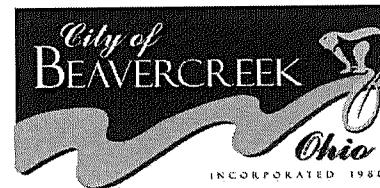


PROJECT DESCRIPTION	PROJECT DETAILS	PROJECT COST BREAKDOWN	
<b>COMMERCIAL ICE MAKER REPLACEMENT</b>		<b>ESTIMATED TOTAL COST</b> <b>\$7,307.00</b>	
REFERENCE NO. 753	ENGINEERING BY: N/A	572	\$7,307.00
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
<b>COMMERCIAL RANGE REPLACEMENT</b>		<b>ESTIMATED TOTAL COST</b> <b>\$11,091.00</b>	
REFERENCE NO. 754	ENGINEERING BY: N/A	572	\$11,091.00
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00

## PROJECT YEAR 2025

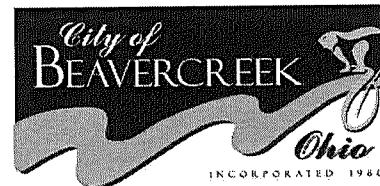
<b>PARKING LOT SEAL AND STRIPE (100200 SF)</b>		<b>ESTIMATED TOTAL COST</b> <b>\$46,828.00</b>	
REFERENCE NO. 716	ENGINEERING BY: IN-HOUSE	572	\$46,828.00
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
<b>ASPHALT ROOF REPLACEMENT</b>		<b>ESTIMATED TOTAL COST</b> <b>\$151,865.00</b>	
REFERENCE NO. 755	ENGINEERING BY: N/A	572	\$151,865.00
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00

# 5 YEAR CAPITAL PROGRAM



PROJECT DESCRIPTION	PROJECT DETAILS	PROJECT COST BREAKDOWN	
<b>INTERIOR FLOOR REPLACEMENT (CLUBHOUSE)</b>		<b>ESTIMATED TOTAL COST</b> <b>\$48,663.00</b>	
	ENGINEERING BY: N/A	572	\$48,663.00
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
REFERENCE NO. 756			
<b>PACKAGE UNIT 8 TO 10 TON REPLACEMENT</b>		<b>ESTIMATED TOTAL COST</b> <b>\$22,819.00</b>	
	ENGINEERING BY: N/A	572	\$22,819.00
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
REFERENCE NO. 757			
<b>SIDEWALK REPLACEMENT</b>		<b>ESTIMATED TOTAL COST</b> <b>\$53,131.00</b>	
	ENGINEERING BY: N/A	572	\$53,131.00
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
REFERENCE NO. 758			
<b>WATER HEATER BOOSTER REPLACEMENT</b>		<b>ESTIMATED TOTAL COST</b> <b>\$5,376.00</b>	
	ENGINEERING BY: N/A	572	\$5,376.00
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
REFERENCE NO. 759			

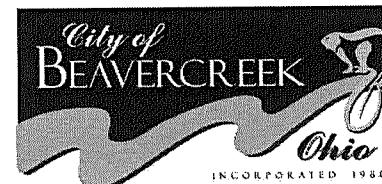
# 5 YEAR CAPITAL PROGRAM



PROJECT DESCRIPTION	PROJECT DETAILS	PROJECT COST BREAKDOWN	
<b>COMMERCIAL STEAMER</b>		<b>ESTIMATED TOTAL COST</b> <b>\$7,803.00</b>	
REFERENCE NO. 760	ENGINEERING BY: N/A	572	\$7,803.00
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
<b>GAS FURNACE REPLACEMENT (CART ROOM)</b>		<b>ESTIMATED TOTAL COST</b> <b>\$6,942.00</b>	
REFERENCE NO. 761	ENGINEERING BY: N/A	572	\$6,942.00
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
<b>EXTERIOR DOOR REPLACEMENT (STUDIO)</b>		<b>ESTIMATED TOTAL COST</b> <b>\$12,537.00</b>	
REFERENCE NO. 762	ENGINEERING BY: N/A	572	\$12,537.00
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
<b>ASPHALT ROOF REPLACEMENT (STUDIO)</b>		<b>ESTIMATED TOTAL COST</b> <b>\$12,366.00</b>	
REFERENCE NO. 763	ENGINEERING BY: N/A	572	\$12,366.00
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00

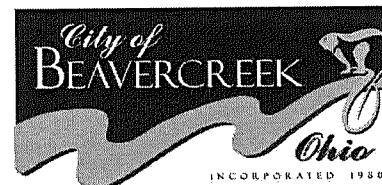
**PROJECT YEAR 2026**

# 5 YEAR CAPITAL PROGRAM



PROJECT DESCRIPTION	PROJECT DETAILS	PROJECT COST BREAKDOWN	
<b>DRINKING FOUNTAIN REPLACEMENT (3)</b>	<b>ESTIMATED TOTAL COST</b>		<b>\$4,779.00</b>
	ENGINEERING BY: N/A	572	\$4,779.00
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
REFERENCE NO. 764			
<b>HVAC DUCTWORK REPLACEMENT</b>	<b>ESTIMATED TOTAL COST</b>		<b>\$197,616.00</b>
	ENGINEERING BY: N/A	572	\$197,616.00
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
REFERENCE NO. 765			
<b>DISTRIBUTION PANEL 225 AMP REPLACEMENT</b>	<b>ESTIMATED TOTAL COST</b>		<b>\$10,072.00</b>
	ENGINEERING BY: N/A	572	\$10,072.00
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
REFERENCE NO. 766			
<b>DISTRIBUTION PANEL 400 AMP REPLACEMENT (2)</b>	<b>ESTIMATED TOTAL COST</b>		<b>\$24,038.00</b>
	ENGINEERING BY: N/A	572	\$24,038.00
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
REFERENCE NO. 767			

# 5 YEAR CAPITAL PROGRAM

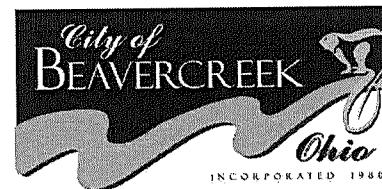


PROJECT DESCRIPTION	PROJECT DETAILS	PROJECT COST BREAKDOWN	
<b>DISTRIBUTION PANEL 600 AMP REPLACEMENT</b>	<b>ESTIMATED TOTAL COST</b> <b>\$15,323.00</b>		
	ENGINEERING BY: N/A	572	\$15,323.00
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
REFERENCE NO. 768			
<b>SWITCHBOARD REPLACEMENT (2)</b>	<b>ESTIMATED TOTAL COST</b> <b>\$62,570.00</b>		
	ENGINEERING BY: N/A	572	\$62,570.00
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
REFERENCE NO. 769			
<b>UNIT HEATER REPLACEMENT</b>	<b>ESTIMATED TOTAL COST</b> <b>\$5,424.00</b>		
	ENGINEERING BY: N/A	572	\$5,424.00
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
REFERENCE NO. 770			

## PROJECT YEAR 2027

<b>WATER HEATER REPLACEMENT 120 GAL</b>	<b>ESTIMATED TOTAL COST</b> <b>\$4,604.00</b>	
	ENGINEERING BY: N/A	572
	CONSTRUCTION PERFORMED BY: CONTRACTOR	
	PROJECT TYPE: REPLACEMENT	
REFERENCE NO. 771		

# 5 YEAR CAPITAL PROGRAM

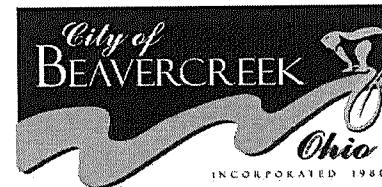


PROJECT DESCRIPTION	PROJECT DETAILS	PROJECT COST BREAKDOWN
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## PROJECT YEAR 2028

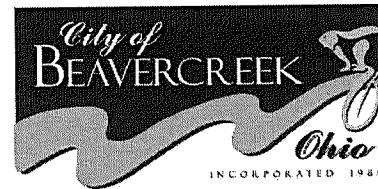
<b>TOILET PARTITION REPLACEMENT</b>		<b>ESTIMATED TOTAL COST</b> <b>\$9,999.00</b>	
	ENGINEERING BY: N/A CONSTRUCTION PERFORMED BY: CONTRACTOR PROJECT TYPE: REPLACEMENT	572	\$9,999.00
REFERENCE NO.	772		\$0.00
			\$0.00
<b>TOILET REPLACEMENT (28)</b>		<b>ESTIMATED TOTAL COST</b> <b>\$31,721.00</b>	
	ENGINEERING BY: N/A CONSTRUCTION PERFORMED BY: CONTRACTOR PROJECT TYPE: REPLACEMENT	572	\$31,721.00
REFERENCE NO.	773		\$0.00
			\$0.00
<b>SINK REPLACEMENT (24)</b>		<b>ESTIMATED TOTAL COST</b> <b>\$37,649.00</b>	
	ENGINEERING BY: N/A CONSTRUCTION PERFORMED BY: CONTRACTOR PROJECT TYPE: REPLACEMENT	572	\$37,649.00
REFERENCE NO.	774		\$0.00
			\$0.00
<b>HEAT PUMP 5 TON REPLACEMENT</b>		<b>ESTIMATED TOTAL COST</b> <b>\$11,595.00</b>	
	ENGINEERING BY: N/A CONSTRUCTION PERFORMED BY: CONTRACTOR PROJECT TYPE: REPLACEMENT	572	\$11,595.00
REFERENCE NO.	775		\$0.00
			\$0.00

## 5 YEAR CAPITAL PROGRAM



PROJECT DESCRIPTION	PROJECT DETAILS	PROJECT COST BREAKDOWN	
<b>COMMERCIAL WALK-IN REFRIGERATOR REPLACEMENT</b>		<b>ESTIMATED TOTAL COST</b> <b>\$16,469.00</b>	
	ENGINEERING BY: N/A CONSTRUCTION PERFORMED BY: CONTRACTOR PROJECT TYPE: REPLACEMENT	572	\$16,469.00
REFERENCE NO. 776			\$0.00
			\$0.00
<b>COMMERCIAL DEEP FRYER REPLACEMENT</b>		<b>ESTIMATED TOTAL COST</b> <b>\$8,556.00</b>	
	ENGINEERING BY: N/A CONSTRUCTION PERFORMED BY: CONTRACTOR PROJECT TYPE: REPLACEMENT	572	\$8,556.00
REFERENCE NO. 777			\$0.00
			\$0.00
<b>COMMERCIAL FREESTANDING MIXER REPLACEMENT</b>		<b>ESTIMATED TOTAL COST</b> <b>\$17,324.00</b>	
	ENGINEERING BY: N/A CONSTRUCTION PERFORMED BY: CONTRACTOR PROJECT TYPE: REPLACEMENT	572	\$17,324.00
REFERENCE NO. 778			\$0.00
			\$0.00
<b>WATER SOFTENER REPLACEMENT</b>		<b>ESTIMATED TOTAL COST</b> <b>\$25,267.00</b>	
	ENGINEERING BY: N/A CONSTRUCTION PERFORMED BY: CONTRACTOR PROJECT TYPE: REPLACEMENT	572	\$25,267.00
REFERENCE NO. 779			\$0.00
			\$0.00

## 5 YEAR CAPITAL PROGRAM

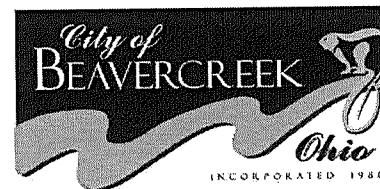


PROJECT DESCRIPTION	PROJECT DETAILS	PROJECT COST BREAKDOWN	
<b>COMMERCIAL REACH-IN REFRIGERATOR REPLACEMENT</b>		<b>ESTIMATED TOTAL COST</b> <b>\$5,719.00</b>	
	ENGINEERING BY: N/A	572	\$5,719.00
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
REFERENCE NO. 780			

### PROJECT YEAR 2029

<b>INTERIOR WALL PAINT</b>		<b>ESTIMATED TOTAL COST</b> <b>\$30,610.00</b>	
	ENGINEERING BY: N/A	572	\$30,610.00
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
REFERENCE NO. 719			
<b>INTERIOR DOOR REPLACEMENT (10)</b>		<b>ESTIMATED TOTAL COST</b> <b>\$19,699.00</b>	
	ENGINEERING BY: N/A	572	\$19,699.00
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
REFERENCE NO. 781			
<b>COMMERCIAL WALK-IN REFRIGERATOR REPLACEMENT</b>		<b>ESTIMATED TOTAL COST</b> <b>\$7,935.00</b>	
	ENGINEERING BY: N/A	572	\$7,935.00
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
REFERENCE NO. 782			

## 5 YEAR CAPITAL PROGRAM



PROJECT DESCRIPTION	PROJECT DETAILS	PROJECT COST BREAKDOWN	
<b>AIR COMPRESSOR 5 HP REPLACEMENT</b>		<b>ESTIMATED TOTAL COST</b> <b>\$13,360.00</b>	
	ENGINEERING BY: N/A	572	\$13,360.00
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
REFERENCE NO. 783			

### PROJECT YEAR 2030

<b>PARKING LOT SEAL AND STRIPE (100200 SF)</b>		<b>ESTIMATED TOTAL COST</b> <b>\$54,287.00</b>	
	ENGINEERING BY: IN-HOUSE	572	\$54,287.00
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
REFERENCE NO. 717			
<b>INTERIOR DOOR REPLACEMENT (8) W/ GLASS</b>		<b>ESTIMATED TOTAL COST</b> <b>\$21,991.00</b>	
	ENGINEERING BY: N/A	572	\$21,991.00
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
REFERENCE NO. 784			
<b>COMMERCIAL REFRIGERATOR REPLACEMENT</b>		<b>ESTIMATED TOTAL COST</b> <b>\$6,068.00</b>	
	ENGINEERING BY: N/A	572	\$6,068.00
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$0.00
REFERENCE NO. 785			

## PLANNING FOR STORM WATER FACILITIES

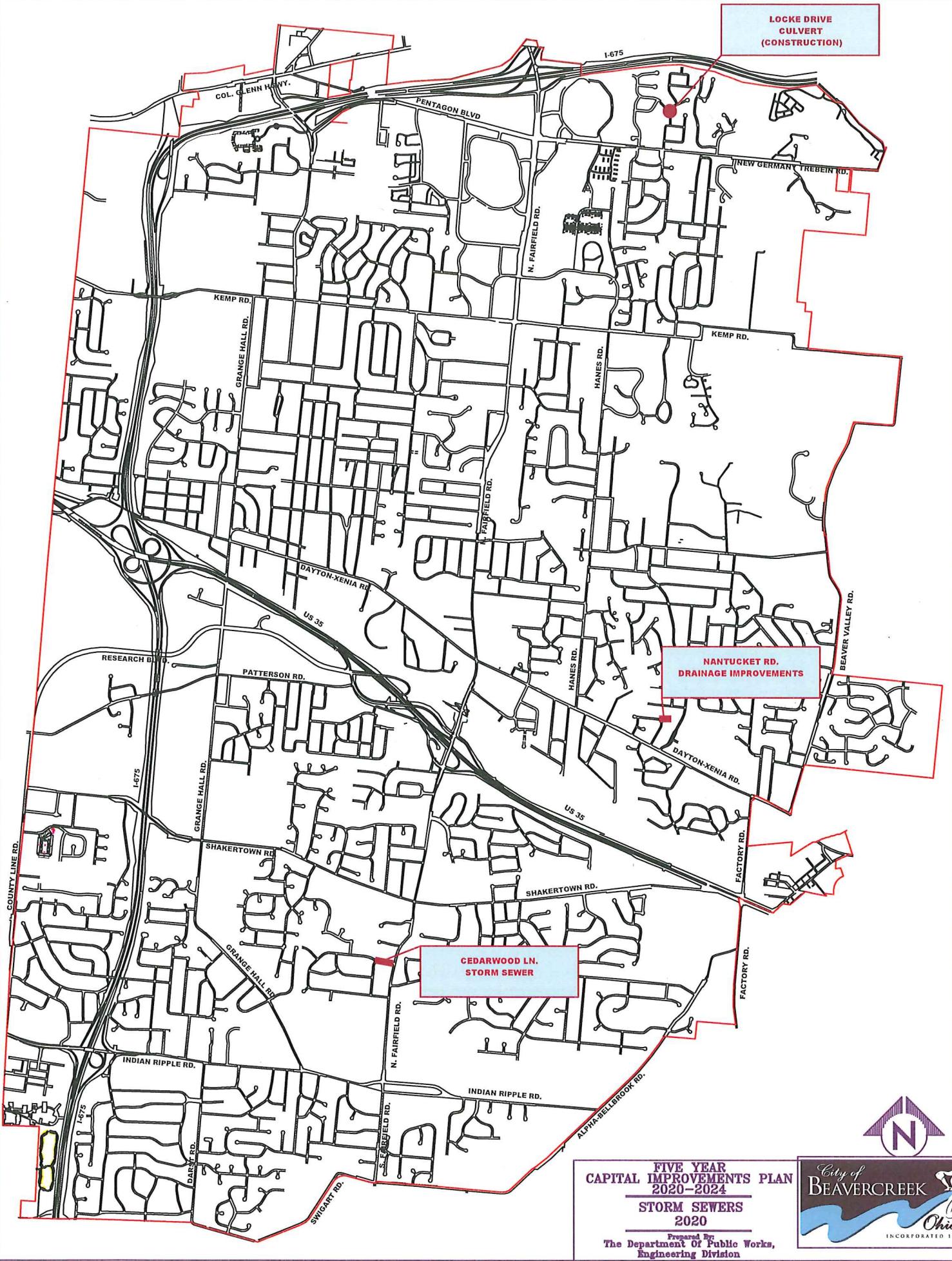
The City of Beavercreek currently maintains approximately 50 miles of storm sewer in various sizes and condition, with an estimated additional 100 miles of roadside ditches and drainage channels through neighborhoods. In the early 1990's the City had considered the creation of a funding source through the creation of a Storm Water Utility in order to address storm water operational and capital improvement needs, once projected to equal \$39 Million dollars.

Beyond the growing list of Capital Improvements, the ongoing NPDES program will be expanding into requirements for testing and treatment of storm water flows, further taxing the available operational funds in the City. The City of Beavercreek currently dedicates approximately \$200,000 per year of street levy funds for operations activities related to stormwater maintenance.

Currently, residents with major capital improvement needs are offered the option of having major storm water improvements performed through the creation of a special assessment district. This program has not been well received and thus, has not been used to correct a single deficiency in the storm water system.

Smaller storm water projects have typically been performed with in-house forces within existing street rights-of-way or easements. As a supplement to this work, a new program is proposed in 2019 to allocate funding for contractors to perform a portion of important pipe and culvert repair work. As the City's infrastructure continues to age, storm sewers and culverts that are either large diameter pipes, or are buried very deep, are beginning to be in need of replacement. These larger and deeper conduits sometimes exceed the limits of the equipment available to the Public Service Department. Contracting these pipe replacements will allow for improved maintenance of the drainage system and will allow for quicker responses to resident complaints.

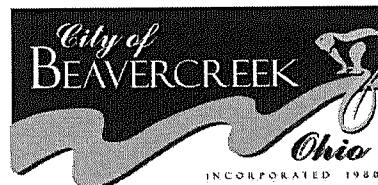
Other major drainage projects, which exceed the capacity of Public Service Division equipment, personnel, and funding, typically require a construction contract and or easement acquisition and are funded on a case-by-case basis with available General Fund or Street Fund revenues. Balances in the street fund are limited for this purpose and the backlog of projects grows with each calendar year. The current unfunded project list is included with this document.



FIVE YEAR  
CAPITAL IMPROVEMENTS PLAN  
2020-2024  
STORM SEWERS  
2020  
Prepared by  
The Department of Public Works,  
Engineering Division



# 5 YEAR CAPITAL PROGRAM



PROJECT DESCRIPTION	PROJECT DETAILS	PROJECT COST BREAKDOWN
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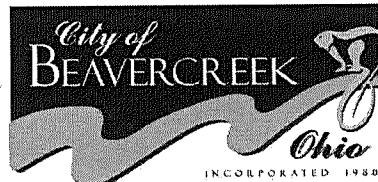
## STORM WATER & BRIDGE

### PROJECT YEAR 2020

<b>Locke Drive Culvert Replacement</b>		<b>ESTIMATED TOTAL COST</b>	<b>\$200,000.00</b>
The replacement of the existing culvert at Locke Drive	ENGINEERING BY: CONSULTANT CONSTRUCTION PERFORMED BY: CONTRACTOR PROJECT TYPE: REPLACEMENT	260	\$200,000.00
			\$0.00
			\$0.00
REFERENCE NO. 264			
<b>Nantucket Storm Sewer</b>		<b>ESTIMATED TOTAL COST</b>	<b>\$50,000.00</b>
Storm Sewer Installation	ENGINEERING BY: IN-HOUSE CONSTRUCTION PERFORMED BY: CONTRACTOR PROJECT TYPE: CONSTRUCTION	203	\$50,000.00
			\$0.00
			\$0.00
REFERENCE NO. 545			
<b>Cedarwood Ln. Drainage Improvements</b>		<b>ESTIMATED TOTAL COST</b>	<b>\$60,000.00</b>
Storm Sewer Installation	ENGINEERING BY: IN-HOUSE CONSTRUCTION PERFORMED BY: CONTRACTOR PROJECT TYPE: CONSTRUCTION	204	\$60,000.00
			\$0.00
			\$0.00
REFERENCE NO. 546			

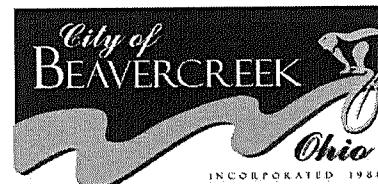
### PROJECT YEAR 2025-2030

# 5 YEAR CAPITAL PROGRAM



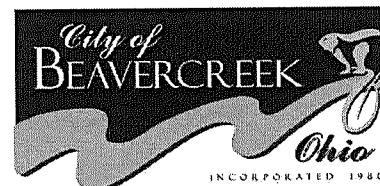
PROJECT DESCRIPTION	PROJECT DETAILS	PROJECT COST BREAKDOWN	
<b>Tallman Trail Ditch Repair Project</b>		<b>ESTIMATED TOTAL COST</b> <b>\$60,000.00</b>	
Repair of eroded ditch	<b>ENGINEERING BY:</b> IN-HOUSE <b>CONSTRUCTION PERFORMED BY:</b> CONTRACTOR <b>PROJECT TYPE:</b> REPAIR	TO BE DETERMINED	\$0.00
			\$60,000.00
			\$0.00
REFERENCE NO.	161		
<b>Woodlawn Drive Storm Sewer</b>		<b>ESTIMATED TOTAL COST</b> <b>\$52,500.00</b>	
Rerouting of Storm Sewer around Embree property.	<b>ENGINEERING BY:</b> IN-HOUSE <b>CONSTRUCTION PERFORMED BY:</b> CONTRACTOR <b>PROJECT TYPE:</b> NEW CONSTRUCTION	TO BE DETERMINED	\$0.00
			\$52,500.00
			\$0.00
REFERENCE NO.	164		
<b>C. I. Beaver Ditch Repairs</b>		<b>ESTIMATED TOTAL COST</b> <b>\$400,000.00</b>	
Erosion Control Project for correction of property damage in private ditch west of Beaverbrook Drive, from Highmont Drive to Dayton-Xenia Rd.	<b>ENGINEERING BY:</b> CONSULTANT <b>CONSTRUCTION PERFORMED BY:</b> CONTRACTOR <b>PROJECT TYPE:</b> REPAIR	TO BE DETERMINED	\$40,000.00
		TO BE DETERMINED	\$60,000.00
		TO BE DETERMINED	\$300,000.00
REFERENCE NO.	271		
<b>Stansberry Rd. Ditch Project</b>		<b>ESTIMATED TOTAL COST</b> <b>\$75,000.00</b>	
Erosion Control for ditch west of Stansberry Rd. from Harry Truman Rd. southward to end of cul-de-sac. Ditch is on private property.	<b>ENGINEERING BY:</b> IN-HOUSE <b>CONSTRUCTION PERFORMED BY:</b> CONTRACTOR <b>PROJECT TYPE:</b> REPAIR	TO BE DETERMINED	\$0.00
		TO BE DETERMINED	\$25,000.00
		TO BE DETERMINED	\$50,000.00
REFERENCE NO.	272		

# 5 YEAR CAPITAL PROGRAM



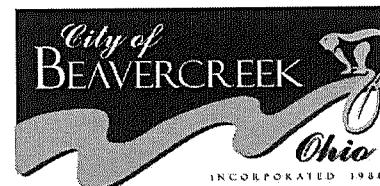
PROJECT DESCRIPTION	PROJECT DETAILS	PROJECT COST BREAKDOWN	
<b>Stansberry Drive Storm Sewer</b>	<b>ESTIMATED TOTAL COST</b> <b>\$50,000.00</b>		
Repair and Construction of adequate storm sewer to prevent street flooding on Stansberry Ct. north of Harry Truman Drive and east on Harry Truman Drive to drainage channel.	ENGINEERING BY: IN-HOUSE CONSTRUCTION PERFORMED BY: CONTRACTOR PROJECT TYPE: NEW CONSTRUCTION	TO BE DETERMINED	\$0.00
REFERENCE NO. 273		TO BE DETERMINED	\$0.00
REFERENCE NO. 273		TO BE DETERMINED	\$50,000.00
<b>Vineland Trail Ditch Project</b>	<b>ESTIMATED TOTAL COST</b> <b>\$2,000,000.00</b>		
Repair of ditch along rear of properties fronting Vineland Trail in order to prevent property damage and reduce erosion in a Public Storm Drainage Easement	ENGINEERING BY: CONSULTANT CONSTRUCTION PERFORMED BY: CONTRACTOR PROJECT TYPE: NEW CONSTRUCTION	TO BE DETERMINED	\$200,000.00
REFERENCE NO. 274		TO BE DETERMINED	\$0.00
REFERENCE NO. 274		TO BE DETERMINED	\$1,800,000.00
<b>Clubside Drive Detention Basin</b>	<b>ESTIMATED TOTAL COST</b> <b>\$200,000.00</b>		
Construction of a detention basin on Clubside Drive to alleviate downstream flooding caused by construction of Spicer Heights without such facilities. Purchase of private property required.	ENGINEERING BY: CONSULTANT CONSTRUCTION PERFORMED BY: CONTRACTOR PROJECT TYPE: NEW CONSTRUCTION	TO BE DETERMINED	\$20,000.00
REFERENCE NO. 277		TO BE DETERMINED	\$30,000.00
REFERENCE NO. 277		TO BE DETERMINED	\$150,000.00
<b>Knollwood Drive Storm Sewer at Northern Drive</b>	<b>ESTIMATED TOTAL COST</b> <b>\$45,000.00</b>		
Construction of Storm Sewer from intersection of Northern Drive eastward to alleviate flooding in intersection.	ENGINEERING BY: IN-HOUSE CONSTRUCTION PERFORMED BY: IN-HOUSE PROJECT TYPE: NEW CONSTRUCTION	TO BE DETERMINED	\$0.00
REFERENCE NO. 278		TO BE DETERMINED	\$0.00
REFERENCE NO. 278		TO BE DETERMINED	\$45,000.00

# 5 YEAR CAPITAL PROGRAM



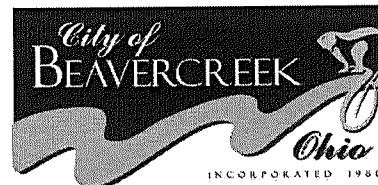
PROJECT DESCRIPTION	PROJECT DETAILS	PROJECT COST BREAKDOWN	
<b>Knollwood Drive Storm Sewer at Turnbull Drive</b>	<b>ESTIMATED TOTAL COST</b> <b>\$45,000.00</b>		
Construction of Storm Sewer to improve drainage at the intersection to prevent street flooding.	ENGINEERING BY: IN-HOUSE	TO BE DETERMINED	\$0.00
	CONSTRUCTION PERFORMED BY: IN-HOUSE	TO BE DETERMINED	\$0.00
	PROJECT TYPE: NEW CONSTRUCTION	TO BE DETERMINED	\$45,000.00
REFERENCE NO. 279			
<b>McKay Drive Storm Sewer Extension</b>	<b>ESTIMATED TOTAL COST</b> <b>\$130,000.00</b>		
Extension of storm sewer through properties south of McKay Drive to reduce yard flooding and property damage southward to Lantz Rd.	ENGINEERING BY: CONSULTANT	TO BE DETERMINED	\$10,000.00
	CONSTRUCTION PERFORMED BY: CONTRACTOR	TO BE DETERMINED	\$20,000.00
	PROJECT TYPE: NEW CONSTRUCTION	TO BE DETERMINED	\$100,000.00
REFERENCE NO. 280			
<b>Fudge Drive Storm Sewer at Dayton-Xenia Rd.</b>	<b>ESTIMATED TOTAL COST</b> <b>\$50,000.00</b>		
Construction of larger diameter storm sewer to reduce street flooding and lessen property damage.	ENGINEERING BY: CONSULTANT	TO BE DETERMINED	\$5,000.00
	CONSTRUCTION PERFORMED BY: CONTRACTOR	TO BE DETERMINED	\$0.00
	PROJECT TYPE: NEW CONSTRUCTION	TO BE DETERMINED	\$45,000.00
REFERENCE NO. 281			
<b>Homeacre Drive Ditch Project</b>	<b>ESTIMATED TOTAL COST</b> <b>\$50,000.00</b>		
Improvement of ditch south of Homeacre Drive to reduce erosion and property damage on private property.	ENGINEERING BY: CONSULTANT	TO BE DETERMINED	\$5,000.00
	CONSTRUCTION PERFORMED BY: CONTRACTOR	TO BE DETERMINED	\$5,000.00
	PROJECT TYPE: REPAIR	TO BE DETERMINED	\$40,000.00
REFERENCE NO. 282			

# 5 YEAR CAPITAL PROGRAM



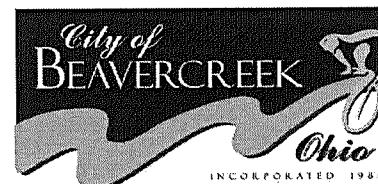
PROJECT DESCRIPTION	PROJECT DETAILS	PROJECT COST BREAKDOWN	
<b>Avon Drive Storm Sewer Project</b>	<b>ESTIMATED TOTAL COST</b> <b>\$40,000.00</b>		
Extension of rear yard storm sewer to prevent localized yard flooding.	ENGINEERING BY: IN-HOUSE CONSTRUCTION PERFORMED BY: CONTRACTOR PROJECT TYPE: NEW CONSTRUCTION	TO BE DETERMINED	\$0.00
REFERENCE NO. 283		TO BE DETERMINED	\$0.00
REFERENCE NO. 283		TO BE DETERMINED	\$40,000.00
<b>Claydor Drive Culvert Project</b>	<b>ESTIMATED TOTAL COST</b> <b>\$100,000.00</b>		
Extension of culvert through Claydor Drive Detention Basin to allow for improved maintenance of basin.	ENGINEERING BY: IN-HOUSE CONSTRUCTION PERFORMED BY: CONTRACTOR PROJECT TYPE: REPAIR	TO BE DETERMINED	\$0.00
REFERENCE NO. 284		TO BE DETERMINED	\$0.00
REFERENCE NO. 284		TO BE DETERMINED	\$100,000.00
<b>Forestdale Ditch Improvement</b>	<b>ESTIMATED TOTAL COST</b> <b>\$10,000.00</b>		
Correction of severe erosion problem on west side of Forestdale Drive near Leblanc property.	ENGINEERING BY: IN-HOUSE CONSTRUCTION PERFORMED BY: IN-HOUSE PROJECT TYPE: REPAIR	TO BE DETERMINED	\$0.00
REFERENCE NO. 285		TO BE DETERMINED	\$0.00
REFERENCE NO. 285		TO BE DETERMINED	\$10,000.00
<b>Yalta Ditch Project</b>	<b>ESTIMATED TOTAL COST</b> <b>\$350,000.00</b>		
Repair of erosion damage in ditch east of Yalta Drive from the Stansberry cul-de-sac to the end of Turnbull Drive	ENGINEERING BY: CONSULTANT CONSTRUCTION PERFORMED BY: CONTRACTOR PROJECT TYPE: REPAIR	TO BE DETERMINED	\$30,000.00
REFERENCE NO. 286		TO BE DETERMINED	\$20,000.00
REFERENCE NO. 286		TO BE DETERMINED	\$300,000.00

# 5 YEAR CAPITAL PROGRAM



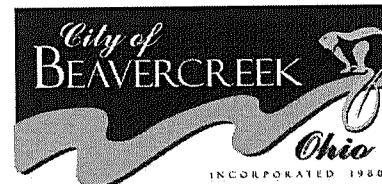
PROJECT DESCRIPTION	PROJECT DETAILS	PROJECT COST BREAKDOWN	
<b>Stardust Storm Sewer Project</b>	<b>ESTIMATED TOTAL COST</b> <b>\$60,000.00</b>		
Extension of Stardust Storm Sewer southward through private property to Bullskin Run property and detention facility.	ENGINEERING BY: CONSULTANT CONSTRUCTION PERFORMED BY: CONTRACTOR PROJECT TYPE: NEW CONSTRUCTION	TO BE DETERMINED	\$5,000.00
REFERENCE NO. 287		TO BE DETERMINED	\$5,000.00
REFERENCE NO. 287		TO BE DETERMINED	\$50,000.00
<b>Deerbrook Trail Ditch Project</b>	<b>ESTIMATED TOTAL COST</b> <b>\$500,000.00</b>		
Repair of erosion damage to properties off of Deerbrook Trail.	ENGINEERING BY: CONSULTANT CONSTRUCTION PERFORMED BY: CONTRACTOR PROJECT TYPE: REPAIR	TO BE DETERMINED	\$20,000.00
REFERENCE NO. 288		TO BE DETERMINED	\$40,000.00
REFERENCE NO. 288		TO BE DETERMINED	\$440,000.00
<b>Shakertown Rd. Culvert Replacement</b>	<b>ESTIMATED TOTAL COST</b> <b>\$65,000.00</b>		
Replacement of deteriorated and narrow culvert on Shakertown Rd. west of Grange Hall Rd.	ENGINEERING BY: IN-HOUSE CONSTRUCTION PERFORMED BY: CONTRACTOR PROJECT TYPE: REPLACEMENT	TO BE DETERMINED	\$0.00
REFERENCE NO. 290		TO BE DETERMINED	\$0.00
REFERENCE NO. 290		TO BE DETERMINED	\$65,000.00
<b>Logic Court Ditch Project</b>	<b>ESTIMATED TOTAL COST</b> <b>\$25,000.00</b>		
Extension of drainage ditch to alleviate back yard flooding.	ENGINEERING BY: IN-HOUSE CONSTRUCTION PERFORMED BY: IN-HOUSE PROJECT TYPE: REPAIR	TO BE DETERMINED	\$0.00
REFERENCE NO. 291		TO BE DETERMINED	\$0.00
REFERENCE NO. 291		TO BE DETERMINED	\$25,000.00

# 5 YEAR CAPITAL PROGRAM



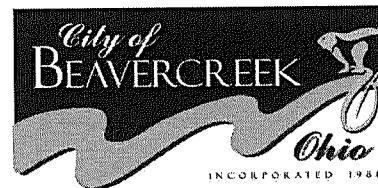
PROJECT DESCRIPTION	PROJECT DETAILS	PROJECT COST BREAKDOWN	
<b>Rosecliff Drive Storm Sewer</b>	<b>ESTIMATED TOTAL COST</b> <b>\$50,000.00</b>		
Construction of storm sewer to alleviate ponding in roadside ditches on Rosecliff Drive	ENGINEERING BY: IN-HOUSE	TO BE DETERMINED	\$0.00
	CONSTRUCTION PERFORMED BY: CONTRACTOR	TO BE DETERMINED	\$0.00
	PROJECT TYPE: NEW CONSTRUCTION	TO BE DETERMINED	\$50,000.00
REFERENCE NO. 292			
<b>Riverhills Drive Storm Sewer</b>	<b>ESTIMATED TOTAL COST</b> <b>\$200,000.00</b>		
Construction of storm sewer along Riverhills Drive from properties on Rockfield Drive southward to south end of Riverhills drive and tie into Willowcrest Drive improvement to alleviate local ponding and improve roadside storm drainage.	ENGINEERING BY: CONSULTANT	TO BE DETERMINED	\$15,000.00
	CONSTRUCTION PERFORMED BY: CONTRACTOR	TO BE DETERMINED	\$5,000.00
	PROJECT TYPE: NEW CONSTRUCTION	TO BE DETERMINED	\$180,000.00
REFERENCE NO. 293			
<b>Winthrop Drive Storm Sewer</b>	<b>ESTIMATED TOTAL COST</b> <b>\$250,000.00</b>		
Construction of storm sewer through low lying yards to prevent flooding of house during high frequency storms.	ENGINEERING BY: CONSULTANT	TO BE DETERMINED	\$20,000.00
	CONSTRUCTION PERFORMED BY: CONTRACTOR	TO BE DETERMINED	\$0.00
	PROJECT TYPE: NEW CONSTRUCTION	TO BE DETERMINED	\$230,000.00
REFERENCE NO. 294			
<b>Wallaby Drive Storm Sewer</b>	<b>ESTIMATED TOTAL COST</b> <b>\$250,000.00</b>		
Extension of storm sewer from behind restaurant on D-X Rd. to Wallaby Drive culvert to prevent property damage from severe erosion.	ENGINEERING BY: CONSULTANT	TO BE DETERMINED	\$20,000.00
	CONSTRUCTION PERFORMED BY: CONTRACTOR	TO BE DETERMINED	\$5,000.00
	PROJECT TYPE: NEW CONSTRUCTION	TO BE DETERMINED	\$225,000.00
REFERENCE NO. 295			

# 5 YEAR CAPITAL PROGRAM



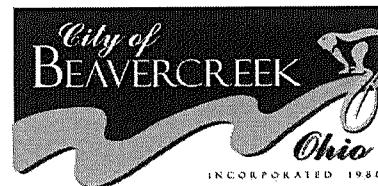
PROJECT DESCRIPTION	PROJECT DETAILS	PROJECT COST BREAKDOWN	
<b>Bloom Drive Storm Sewer</b>		<b>ESTIMATED TOTAL COST</b> <b>\$30,000.00</b>	
Construction of storm sewer to eliminate flooding in roadway at intersection of Bloom Drive and Central Drive along with limited curb and gutter construction to improve drainage.	ENGINEERING BY: IN-HOUSE CONSTRUCTION PERFORMED BY: IN-HOUSE PROJECT TYPE: NEW CONSTRUCTION	TO BE DETERMINED	\$0.00
REFERENCE NO. 296		TO BE DETERMINED	\$0.00
TO BE DETERMINED	\$30,000.00		
<b>Bullskin Run Ditch Repair (Woodmont)</b>		<b>ESTIMATED TOTAL COST</b> <b>\$50,000.00</b>	
Repair of erosion damage to properties along Bullskin Run near Woodmont Ave.	ENGINEERING BY: IN-HOUSE CONSTRUCTION PERFORMED BY: CONTRACTOR PROJECT TYPE: REPAIR	TO BE DETERMINED	\$0.00
REFERENCE NO. 297		TO BE DETERMINED	\$0.00
TO BE DETERMINED	\$50,000.00		
<b>Crystal Marie Ditch Project</b>		<b>ESTIMATED TOTAL COST</b> <b>\$55,000.00</b>	
Removal of a portion of Felton Drive and lowering of water main to remove undersized culvert causing property damage and flooding north of Felton Drive.	ENGINEERING BY: CONSULTANT CONSTRUCTION PERFORMED BY: CONTRACTOR PROJECT TYPE: NEW CONSTRUCTION	TO BE DETERMINED	\$5,000.00
REFERENCE NO. 299		TO BE DETERMINED	\$0.00
TO BE DETERMINED	\$50,000.00		
<b>Kemp Rd. Culvert Extension</b>		<b>ESTIMATED TOTAL COST</b> <b>\$60,000.00</b>	
Extension of culvert on Kemp Rd. near Wartinger park to allow for future road widening and extension of Kemp Rd. side path.	ENGINEERING BY: CONSULTANT CONSTRUCTION PERFORMED BY: CONTRACTOR PROJECT TYPE: NEW CONSTRUCTION	TO BE DETERMINED	\$5,000.00
REFERENCE NO. 300		TO BE DETERMINED	\$0.00
TO BE DETERMINED	\$55,000.00		

# 5 YEAR CAPITAL PROGRAM



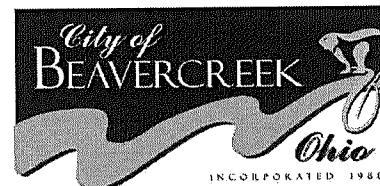
PROJECT DESCRIPTION	PROJECT DETAILS	PROJECT COST BREAKDOWN	
<b>Van Oss Drive Ditch Project</b>	<b>ESTIMATED TOTAL COST</b> <b>\$30,000.00</b>		
Construction of storm sewer at the intersection of Van Oss Drive with Kemp Rd. to eliminate a shoulder drop off. Combined with limited radius curb construction.	<b>ENGINEERING BY:</b> CONSULTANT <b>CONSTRUCTION PERFORMED BY:</b> CONTRACTOR <b>PROJECT TYPE:</b>	TO BE DETERMINED	\$5,000.00
		TO BE DETERMINED	\$0.00
		TO BE DETERMINED	\$25,000.00
REFERENCE NO. 301			
<b>Van Oss Drive Storm Sewer</b>	<b>ESTIMATED TOTAL COST</b> <b>\$25,000.00</b>		
Construction of Storm Sewer along Van Oss Drive	<b>ENGINEERING BY:</b> IN-HOUSE <b>CONSTRUCTION PERFORMED BY:</b> IN-HOUSE <b>PROJECT TYPE:</b>	TO BE DETERMINED	\$0.00
		TO BE DETERMINED	\$0.00
		TO BE DETERMINED	\$25,000.00
REFERENCE NO. 302			
<b>Bridlewood Creek Ditch Cleaning</b>	<b>ESTIMATED TOTAL COST</b> <b>\$100,000.00</b>		
Cleaning and repair of erosion damage to prevent property damage in Bridlewood Creek Ditch.	<b>ENGINEERING BY:</b> CONSULTANT <b>CONSTRUCTION PERFORMED BY:</b> CONTRACTOR <b>PROJECT TYPE:</b>	TO BE DETERMINED	\$10,000.00
		TO BE DETERMINED	\$0.00
		TO BE DETERMINED	\$90,000.00
REFERENCE NO. 303			
<b>Northview Gardens Storm Sewer</b>	<b>ESTIMATED TOTAL COST</b> <b>\$1,450,000.00</b>		
Replacement of deteriorated and undersized storm sewer in rear yards of properties along Greer Drive, Longleaf Drive, Sueden Drive and Timberwood Drive.	<b>ENGINEERING BY:</b> IN-HOUSE <b>CONSTRUCTION PERFORMED BY:</b> CONTRACTOR <b>PROJECT TYPE:</b>	TO BE DETERMINED	\$0.00
		TO BE DETERMINED	\$0.00
		TO BE DETERMINED	\$145,000.00
REFERENCE NO. 304			

# 5 YEAR CAPITAL PROGRAM



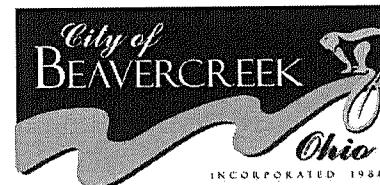
PROJECT DESCRIPTION	PROJECT DETAILS	PROJECT COST BREAKDOWN	
<b>Shakertown Rd. Culvert Ext. and Rehab (Carthage)</b>	<b>ESTIMATED TOTAL COST</b>		<b>\$200,000.00</b>
Extension of twin culverts for widening of roadway and extension of side path and lining of existing corrugated steel culverts.	ENGINEERING BY: CONSULTANT	TO BE DETERMINED	\$10,000.00
	CONSTRUCTION PERFORMED BY: CONTRACTOR	TO BE DETERMINED	\$10,000.00
	PROJECT TYPE: NEW CONSTRUCTION	TO BE DETERMINED	\$180,000.00
REFERENCE NO. 305			
<b>Carthage Drive Ditch Repairs</b>	<b>ESTIMATED TOTAL COST</b>		<b>\$200,000.00</b>
Repair of severe erosion in ditch between Carthage Drive and Rustic View.	ENGINEERING BY: CONSULTANT	TO BE DETERMINED	\$20,000.00
	CONSTRUCTION PERFORMED BY: CONTRACTOR	TO BE DETERMINED	\$10,000.00
	PROJECT TYPE: REPAIR	TO BE DETERMINED	\$170,000.00
REFERENCE NO. 306			
<b>Shakertown Rd. Storm Sewer (Riva Ct.)</b>	<b>ESTIMATED TOTAL COST</b>		<b>\$30,000.00</b>
Construction of storm sewer through private property from outlet of Riva Ct . Detention Basin to Shakertown Rd.	ENGINEERING BY: IN-HOUSE	TO BE DETERMINED	\$0.00
	CONSTRUCTION PERFORMED BY: CONTRACTOR	TO BE DETERMINED	\$0.00
	PROJECT TYPE: NEW CONSTRUCTION	771 DISTRICT 1 IMPACT FEE EXPENDABLE T	\$30,000.00
REFERENCE NO. 307			
<b>Wenlan Ct. Ditch Project</b>	<b>ESTIMATED TOTAL COST</b>		<b>\$10,000.00</b>
Repair of erosion to ditch on private property off of Wenlan Ct.	ENGINEERING BY: IN-HOUSE	TO BE DETERMINED	\$0.00
	CONSTRUCTION PERFORMED BY: IN-HOUSE	TO BE DETERMINED	\$0.00
	PROJECT TYPE:	TO BE DETERMINED	\$10,000.00
REFERENCE NO. 308			

# 5 YEAR CAPITAL PROGRAM



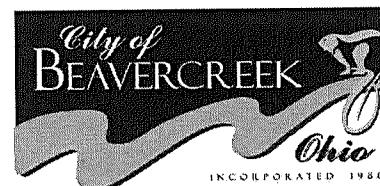
PROJECT DESCRIPTION	PROJECT DETAILS	PROJECT COST BREAKDOWN	
<b>Country Lane Storm Sewer Project</b>	<b>ESTIMATED TOTAL COST</b> <b>\$75,000.00</b>		
Construction of Storm Sewer through private properties from Country Lane to new detention basin in Sunset Bluff Subdivision.	ENGINEERING BY: CONSULTANT	TO BE DETERMINED	\$10,000.00
	CONSTRUCTION PERFORMED BY: CONTRACTOR	TO BE DETERMINED	\$10,000.00
	PROJECT TYPE: NEW CONSTRUCTION	TO BE DETERMINED	\$55,000.00
REFERENCE NO. 309			
<b>Southfield Drive Storm Sewer</b>	<b>ESTIMATED TOTAL COST</b> <b>\$30,000.00</b>		
Construction of Storm Sewer on Southfield Drive to relieve rear yard flooding.	ENGINEERING BY: IN-HOUSE	TO BE DETERMINED	\$0.00
	CONSTRUCTION PERFORMED BY: CONTRACTOR	TO BE DETERMINED	\$0.00
	PROJECT TYPE: NEW CONSTRUCTION	TO BE DETERMINED	\$30,000.00
REFERENCE NO. 310			
<b>Ferguson Junior High Storm Sewer (Echo Valley)</b>	<b>ESTIMATED TOTAL COST</b> <b>\$50,000.00</b>		
Construction of storm sewer to connect to Board of Education storm sewer off of Echo Valley Drive.	ENGINEERING BY: IN-HOUSE	TO BE DETERMINED	\$0.00
	CONSTRUCTION PERFORMED BY: CONTRACTOR	TO BE DETERMINED	\$0.00
	PROJECT TYPE: NEW CONSTRUCTION	TO BE DETERMINED	\$50,000.00
REFERENCE NO. 311			
<b>Fudge Drive Storm Sewer (Valdina)</b>	<b>ESTIMATED TOTAL COST</b> <b>\$100,000.00</b>		
Construction of storm sewer on Fudge Drive to intercept water flowing through yards and elimination of flood damage. Combined with limited curb and gutter installation.	ENGINEERING BY: CONSULTANT		\$10,000.00
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: NEW CONSTRUCTION		\$90,000.00
REFERENCE NO. 312			

# 5 YEAR CAPITAL PROGRAM



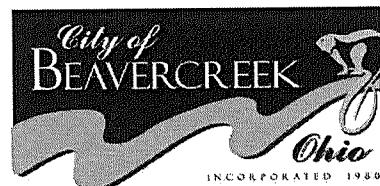
PROJECT DESCRIPTION	PROJECT DETAILS	PROJECT COST BREAKDOWN	
<b>Lorrie Drive Storm Sewer (Edwin Drive)</b>	<b>ESTIMATED TOTAL COST</b> <b>\$100,000.00</b>		
REFERENCE NO. 313	ENGINEERING BY: IN-HOUSE	TO BE DETERMINED	\$0.00
	CONSTRUCTION PERFORMED BY: CONTRACTOR	TO BE DETERMINED	\$10,000.00
	PROJECT TYPE: REPLACEMENT	TO BE DETERMINED	\$90,000.00
<b>Lloyd Ct. Storm Sewer</b>	<b>ESTIMATED TOTAL COST</b> <b>\$30,000.00</b>		
Construction of large storm sewer on property off of Lloyd Ct. to convey off-site drainage past residential structure.  REFERENCE NO. 314	ENGINEERING BY: IN-HOUSE	TO BE DETERMINED	\$0.00
	CONSTRUCTION PERFORMED BY: CONTRACTOR	TO BE DETERMINED	\$0.00
	PROJECT TYPE: NEW CONSTRUCTION	TO BE DETERMINED	\$30,000.00
<b>Sunny Drive Storm Sewer and Road Widening</b>	<b>ESTIMATED TOTAL COST</b> <b>\$100,000.00</b>		
Placement of storm sewer in Sunny Drive Ditch in combination with ditch relocation to allow for widening of Sunny Drive to a two lane pavement.  REFERENCE NO. 315	ENGINEERING BY: CONSULTANT	TO BE DETERMINED	\$10,000.00
	CONSTRUCTION PERFORMED BY: CONTRACTOR	TO BE DETERMINED	\$0.00
	PROJECT TYPE: NEW CONSTRUCTION	TO BE DETERMINED	\$90,000.00
<b>Eastern Drive Storm Sewer</b>	<b>ESTIMATED TOTAL COST</b> <b>\$20,000.00</b>		
Construction of storm sewer and limited curb radius to improve storm drainage at intersection with Turnbull Drive  REFERENCE NO. 316	ENGINEERING BY: IN-HOUSE	771 DISTRICT 1 IMPACT FEE EXPENDABLE T	\$0.00
	CONSTRUCTION PERFORMED BY: CONTRACTOR	TO BE DETERMINED	\$0.00
	PROJECT TYPE:	TO BE DETERMINED	\$20,000.00

# 5 YEAR CAPITAL PROGRAM



PROJECT DESCRIPTION	PROJECT DETAILS	PROJECT COST BREAKDOWN	
<b>Briddleson Storm Sewer</b>	<b>ESTIMATED TOTAL COST</b> <b>\$40,000.00</b>		
Extension of Storm sewer through private properties to alleviate yard flooding and property damage.	ENGINEERING BY: CONSULTANT CONSTRUCTION PERFORMED BY: CONTRACTOR PROJECT TYPE: NEW CONSTRUCTION	TO BE DETERMINED	\$5,000.00
REFERENCE NO. 317		771 DISTRICT 1 IMPACT FEE EXPENDABLE T	\$0.00
		TO BE DETERMINED	\$35,000.00
<b>Fairwood Drive Storm Sewer</b>	<b>ESTIMATED TOTAL COST</b> <b>\$50,000.00</b>		
Construction of storm sewer along Fairwood Drive to replace ditch through private properties.	ENGINEERING BY: CONSULTANT CONSTRUCTION PERFORMED BY: CONTRACTOR PROJECT TYPE: NEW CONSTRUCTION	TO BE DETERMINED	\$5,000.00
REFERENCE NO. 318		TO BE DETERMINED	\$0.00
		TO BE DETERMINED	\$45,000.00
<b>Eastern Drive Storm Sewer (Winston Churchill)</b>	<b>ESTIMATED TOTAL COST</b> <b>\$50,000.00</b>		
Construction of storm sewer in ditch through private properties.	ENGINEERING BY: IN-HOUSE CONSTRUCTION PERFORMED BY: CONTRACTOR PROJECT TYPE: NEW CONSTRUCTION	771 DISTRICT 1 IMPACT FEE EXPENDABLE T	\$0.00
REFERENCE NO. 319		TO BE DETERMINED	\$0.00
		TO BE DETERMINED	\$50,000.00
<b>Winterset Drive Storm Sewer</b>	<b>ESTIMATED TOTAL COST</b> <b>\$25,000.00</b>		
Extension of Winterset Drive Storm Sewer through private property.	ENGINEERING BY: IN-HOUSE CONSTRUCTION PERFORMED BY: CONTRACTOR PROJECT TYPE: NEW CONSTRUCTION	TO BE DETERMINED	\$0.00
REFERENCE NO. 320		TO BE DETERMINED	\$0.00
		TO BE DETERMINED	\$25,000.00

# 5 YEAR CAPITAL PROGRAM



PROJECT DESCRIPTION	PROJECT DETAILS	PROJECT COST BREAKDOWN	
<b>Pine Buff Drive Storm Sewer Extension (IRR)</b>	<b>ESTIMATED TOTAL COST</b>		<b>\$150,000.00</b>
Replacement of culvert under Pine Bluff Drive and extension along Indian Ripple Rd. to eliminate shoulder drop off.	ENGINEERING BY: CONSULTANT CONSTRUCTION PERFORMED BY: CONTRACTOR PROJECT TYPE: NEW CONSTRUCTION	TO BE DETERMINED	\$15,000.00
REFERENCE NO. 321		TO BE DETERMINED	\$0.00
REFERENCE NO. 322		TO BE DETERMINED	\$135,000.00
<b>Meadow Drive Storm Sewer</b>	<b>ESTIMATED TOTAL COST</b>		<b>\$75,000.00</b>
Construction of storm sewer in rear yards to replace drainage ditch.	ENGINEERING BY: IN-HOUSE CONSTRUCTION PERFORMED BY: CONTRACTOR PROJECT TYPE: NEW CONSTRUCTION	TO BE DETERMINED	\$5,000.00
REFERENCE NO. 323		TO BE DETERMINED	\$0.00
<b>Longwood Drive Storm Sewer</b>	<b>ESTIMATED TOTAL COST</b>		<b>\$50,000.00</b>
Construction of Storm Sewer through private property to replace drainage swale.	ENGINEERING BY: IN-HOUSE CONSTRUCTION PERFORMED BY: CONTRACTOR PROJECT TYPE: NEW CONSTRUCTION	771 DISTRICT 1 IMPACT FEE EXPENDABLE T	\$0.00
REFERENCE NO. 325		TO BE DETERMINED	\$0.00
<b>Grangeview Detention Basin Improvements</b>	<b>ESTIMATED TOTAL COST</b>		<b>\$50,000.00</b>
Construct concrete channel in bottom of Grangeview Detention Basin.	ENGINEERING BY: IN-HOUSE CONSTRUCTION PERFORMED BY: CONTRACTOR PROJECT TYPE: REPAIR	TO BE DETERMINED	\$0.00
REFERENCE NO. 325		TO BE DETERMINED	\$0.00
REFERENCE NO. 325		TO BE DETERMINED	\$50,000.00

# 5 YEAR CAPITAL PROGRAM



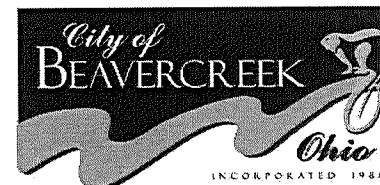
PROJECT DESCRIPTION	PROJECT DETAILS	PROJECT COST BREAKDOWN	
<b>Cambria Drive Storm Sewer</b>	<b>ESTIMATED TOTAL COST</b>		<b>\$25,000.00</b>
Construction of storm sewer on Cambria Drive to alleviate yard flooding.	<b>ENGINEERING BY:</b> IN-HOUSE <b>CONSTRUCTION PERFORMED BY:</b> IN-HOUSE <b>PROJECT TYPE:</b> NEW CONSTRUCTION	771 DISTRICT 1 IMPACT FEE EXPENDABLE T	\$0.00
		771 DISTRICT 1 IMPACT FEE EXPENDABLE T	\$0.00
		TO BE DETERMINED	\$25,000.00
REFERENCE NO. 327			
<b>Woodgreen Drive Storm Sewer</b>	<b>ESTIMATED TOTAL COST</b>		<b>\$25,000.00</b>
Construction of storm sewer on Woodgreen Drive to eliminate yard flooding.	<b>ENGINEERING BY:</b> IN-HOUSE <b>CONSTRUCTION PERFORMED BY:</b> IN-HOUSE <b>PROJECT TYPE:</b> NEW CONSTRUCTION	TO BE DETERMINED	\$0.00
		TO BE DETERMINED	\$0.00
		TO BE DETERMINED	\$25,000.00
REFERENCE NO. 328			
<b>Kemp Rd. Ditch Improvement - Dietz Property</b>	<b>ESTIMATED TOTAL COST</b>		<b>\$10,000.00</b>
Construction of storm sewer along Kemp Rd. to eliminate ditch erosion and stabilize roadway.	<b>ENGINEERING BY:</b> IN-HOUSE <b>CONSTRUCTION PERFORMED BY:</b> IN-HOUSE <b>PROJECT TYPE:</b> NEW CONSTRUCTION	TO BE DETERMINED	\$0.00
		TO BE DETERMINED	\$0.00
		TO BE DETERMINED	\$10,000.00
REFERENCE NO. 329			
<b>Pebble Creek Ditch Repairs</b>	<b>ESTIMATED TOTAL COST</b>		<b>\$50,000.00</b>
Repair of Pebble Creek Ditch	<b>ENGINEERING BY:</b> IN-HOUSE <b>CONSTRUCTION PERFORMED BY:</b> CONTRACTOR <b>PROJECT TYPE:</b> REPAIR	TO BE DETERMINED	\$0.00
		TO BE DETERMINED	\$0.00
		TO BE DETERMINED	\$50,000.00
REFERENCE NO. 330			

# 5 YEAR CAPITAL PROGRAM



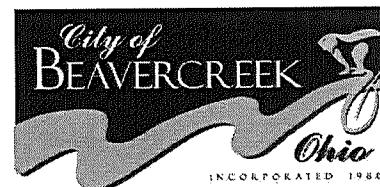
PROJECT DESCRIPTION	PROJECT DETAILS	PROJECT COST BREAKDOWN	
<b>Silverleaf Court Storm Sewer</b>		<b>ESTIMATED TOTAL COST</b> <b>\$25,000.00</b>	
Placement of storm sewer in rear yard off of Silverleaf Court	ENGINEERING BY: IN-HOUSE	TO BE DETERMINED	\$0.00
	CONSTRUCTION PERFORMED BY: IN-HOUSE	TO BE DETERMINED	\$0.00
	PROJECT TYPE: NEW CONSTRUCTION	TO BE DETERMINED	\$25,000.00
REFERENCE NO. 331			
<b>Jonathon Drive Storm Sewer Improvement</b>		<b>ESTIMATED TOTAL COST</b> <b>\$15,000.00</b>	
Construction of catch basins at intersection of N. Fairfield Rd. to eliminate flooding in roadway.	ENGINEERING BY: IN-HOUSE	TO BE DETERMINED	\$0.00
	CONSTRUCTION PERFORMED BY: CONTRACTOR	TO BE DETERMINED	\$0.00
	PROJECT TYPE:	TO BE DETERMINED	\$15,000.00
REFERENCE NO. 332			
<b>Alpha Bellbrook Rd. Culvert Replacement</b>		<b>ESTIMATED TOTAL COST</b> <b>\$20,000.00</b>	
Replacement of culvert near Stauffer Drive	ENGINEERING BY: IN-HOUSE	TO BE DETERMINED	\$0.00
	CONSTRUCTION PERFORMED BY: CONTRACTOR	TO BE DETERMINED	\$0.00
	PROJECT TYPE: REPLACEMENT	TO BE DETERMINED	\$20,000.00
REFERENCE NO. 333			
<b>Colonial Drive Storm Sewer</b>		<b>ESTIMATED TOTAL COST</b> <b>\$10,000.00</b>	
Construction of storm sewer in private property on Colonial Drive	ENGINEERING BY: IN-HOUSE	TO BE DETERMINED	\$0.00
	CONSTRUCTION PERFORMED BY: IN-HOUSE	TO BE DETERMINED	\$0.00
	PROJECT TYPE: NEW CONSTRUCTION	TO BE DETERMINED	\$10,000.00
REFERENCE NO. 334			

# 5 YEAR CAPITAL PROGRAM



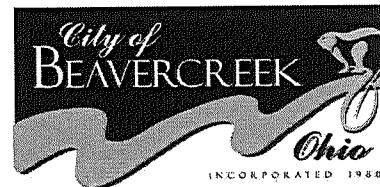
PROJECT DESCRIPTION	PROJECT DETAILS	PROJECT COST BREAKDOWN	
<b>Gardenview / Vayview Ditch Improvement</b>	<b>ESTIMATED TOTAL COST</b>		<b>\$35,000.00</b>
Improvement of ditch and curb radii at intersection.  REFERENCE NO. 335	ENGINEERING BY: IN-HOUSE	771 DISTRICT 1 IMPACT FEE EXPENDABLE T	\$0.00
	CONSTRUCTION PERFORMED BY: CONTRACTOR	TO BE DETERMINED	\$0.00
	PROJECT TYPE: NEW CONSTRUCTION	TO BE DETERMINED	\$35,000.00
<b>Dakar Drive Storm Sewer Addition</b>	<b>ESTIMATED TOTAL COST</b>		<b>\$35,000.00</b>
Extension of storm sewer on Dakar Drive  REFERENCE NO. 336	ENGINEERING BY: IN-HOUSE	TO BE DETERMINED	\$0.00
	CONSTRUCTION PERFORMED BY: CONTRACTOR	TO BE DETERMINED	\$0.00
	PROJECT TYPE: NEW CONSTRUCTION	TO BE DETERMINED	\$35,000.00
<b>LaGrange Rd. Storm Sewer Extension</b>	<b>ESTIMATED TOTAL COST</b>		<b>\$10,000.00</b>
Extension of storm sewer through private property  REFERENCE NO. 337	ENGINEERING BY: IN-HOUSE	TO BE DETERMINED	\$0.00
	CONSTRUCTION PERFORMED BY: CONTRACTOR	TO BE DETERMINED	\$0.00
	PROJECT TYPE: NEW CONSTRUCTION	TO BE DETERMINED	\$10,000.00
<b>Marsetta Drive Storm Sewer Repair</b>	<b>ESTIMATED TOTAL COST</b>		<b>\$10,000.00</b>
Erosion repairs to outlet of Marsetta Drive Storm Sewer  REFERENCE NO. 338	ENGINEERING BY: IN-HOUSE	771 DISTRICT 1 IMPACT FEE EXPENDABLE T	\$0.00
	CONSTRUCTION PERFORMED BY: IN-HOUSE	771 DISTRICT 1 IMPACT FEE EXPENDABLE T	\$0.00
	PROJECT TYPE: REPAIR	TO BE DETERMINED	\$10,000.00

# 5 YEAR CAPITAL PROGRAM



PROJECT DESCRIPTION	PROJECT DETAILS	PROJECT COST BREAKDOWN	
<b>Stedman Drive Storm Sewer Extension</b>		<b>ESTIMATED TOTAL COST</b> <b>\$25,000.00</b>	
Extension of storm sewer through private property.	ENGINEERING BY: IN-HOUSE	TO BE DETERMINED	\$0.00
	CONSTRUCTION PERFORMED BY: CONTRACTOR	TO BE DETERMINED	\$0.00
	PROJECT TYPE: NEW CONSTRUCTION	TO BE DETERMINED	\$25,000.00
REFERENCE NO. 339			
<b>Rushmore Drive Culvert Replacements</b>		<b>ESTIMATED TOTAL COST</b> <b>\$150,000.00</b>	
Replacement of deteriorated twin culverts under Rushmore Drive.	ENGINEERING BY: IN-HOUSE		\$5,000.00
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: REPLACEMENT		\$145,000.00
REFERENCE NO. 340			
<b>Rushton / Vayview Ditch Improvement</b>		<b>ESTIMATED TOTAL COST</b> <b>\$50,000.00</b>	
Improvement of ditch east of Vayview Drive near Rushton to prevent street flooding and property damage	ENGINEERING BY: IN-HOUSE	TO BE DETERMINED	\$5,000.00
	CONSTRUCTION PERFORMED BY: CONTRACTOR	TO BE DETERMINED	\$0.00
	PROJECT TYPE: NEW CONSTRUCTION	TO BE DETERMINED	\$45,000.00
REFERENCE NO. 341			
<b>Rosell Drive Ditching and Storm Sewer</b>		<b>ESTIMATED TOTAL COST</b> <b>\$60,000.00</b>	
Ditching and installation of storm sewer on Rosell Drive to improve drainage and allow for standard pavement width.	ENGINEERING BY: CONSULTANT		\$10,000.00
	CONSTRUCTION PERFORMED BY: CONTRACTOR		\$0.00
	PROJECT TYPE: NEW CONSTRUCTION		\$50,000.00
REFERENCE NO. 342			

# 5 YEAR CAPITAL PROGRAM



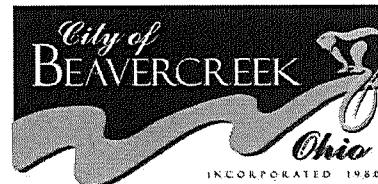
PROJECT DESCRIPTION	PROJECT DETAILS	PROJECT COST BREAKDOWN	
<b>Rosehill Storm Sewer (S. Fairfield Rd.)</b>		<b>ESTIMATED TOTAL COST</b> <b>\$10,000.00</b>	
Construction of storm sewer and catch basin.	ENGINEERING BY: IN-HOUSE CONSTRUCTION PERFORMED BY: IN-HOUSE PROJECT TYPE: NEW CONSTRUCTION		\$0.00
			\$0.00
			\$10,000.00
REFERENCE NO. 343			
<b>Harmeling Drive Storm Sewer</b>		<b>ESTIMATED TOTAL COST</b> <b>\$15,000.00</b>	
Installation of Storm Sewer with catch basin and manhole to prevent 10 acres of off site runoff from bypassing storm sewer inlets	ENGINEERING BY: IN-HOUSE CONSTRUCTION PERFORMED BY: CONTRACTOR PROJECT TYPE: NEW CONSTRUCTION	TO BE DETERMINED	\$0.00
			\$0.00
			\$15,000.00
REFERENCE NO. 344			
<b>Grand Vista Drive Storm Sewer</b>		<b>ESTIMATED TOTAL COST</b> <b>\$20,000.00</b>	
Connections to Frontenac Drive Storm Sewer to eliminate drainage through private yard.	ENGINEERING BY: IN-HOUSE CONSTRUCTION PERFORMED BY: IN-HOUSE PROJECT TYPE: NEW CONSTRUCTION	TO BE DETERMINED	\$0.00
			\$0.00
			\$20,000.00
REFERENCE NO. 345			
<b>Edith Marie Detention Pond Upgrade</b>		<b>ESTIMATED TOTAL COST</b> <b>\$10,000.00</b>	
Addition of concrete channel to pond at south end of Edith Marie Drive	ENGINEERING BY: IN-HOUSE CONSTRUCTION PERFORMED BY: CONTRACTOR PROJECT TYPE:	TO BE DETERMINED	\$0.00
			\$0.00
			\$10,000.00
REFERENCE NO. 346			

# 5 YEAR CAPITAL PROGRAM



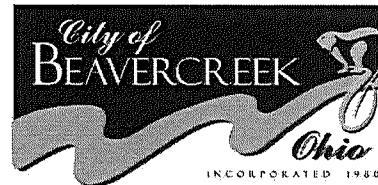
PROJECT DESCRIPTION	PROJECT DETAILS	PROJECT COST BREAKDOWN	
<b>Karohl Park Detention Pond Enhancement</b>	<b>ESTIMATED TOTAL COST</b> <b>\$50,000.00</b>		
Upgrade in size and facilities at existing location	ENGINEERING BY: IN-HOUSE	TO BE DETERMINED	\$0.00
	CONSTRUCTION PERFORMED BY: CONTRACTOR	TO BE DETERMINED	\$0.00
	PROJECT TYPE: REPAIR	TO BE DETERMINED	\$50,000.00
REFERENCE NO. 347			
<b>Kemp Rd. Ditch Improvement (Tulane)</b>	<b>ESTIMATED TOTAL COST</b> <b>\$10,000.00</b>		
Improvement of roadside ditch on Kemp Rd.	ENGINEERING BY: IN-HOUSE	TO BE DETERMINED	\$0.00
	CONSTRUCTION PERFORMED BY: IN-HOUSE	TO BE DETERMINED	\$0.00
	PROJECT TYPE: NEW CONSTRUCTION	TO BE DETERMINED	\$10,000.00
REFERENCE NO. 348			
<b>Knollwood Drive Storm Sewer Project (Charlene Dr.)</b>	<b>ESTIMATED TOTAL COST</b> <b>\$40,000.00</b>		
Construction of storm sewer on private property between Knollwood Drive and Charlene Drive just east of Northern Drive.	ENGINEERING BY: IN-HOUSE	TO BE DETERMINED	\$5,000.00
	CONSTRUCTION PERFORMED BY: CONTRACTOR	TO BE DETERMINED	\$0.00
	PROJECT TYPE: NEW CONSTRUCTION	TO BE DETERMINED	\$35,000.00
REFERENCE NO. 349			
<b>Napanee Drive Storm Sewer</b>	<b>ESTIMATED TOTAL COST</b> <b>\$20,000.00</b>		
Construction of storm sewer on Napanee to connect into Autumn Springs storm sewer.	ENGINEERING BY: IN-HOUSE	TO BE DETERMINED	\$0.00
	CONSTRUCTION PERFORMED BY: CONTRACTOR	TO BE DETERMINED	\$0.00
	PROJECT TYPE: NEW CONSTRUCTION	TO BE DETERMINED	\$20,000.00
REFERENCE NO. 350			

# 5 YEAR CAPITAL PROGRAM



PROJECT DESCRIPTION	PROJECT DETAILS	PROJECT COST BREAKDOWN	
<b>E. Skyview Storm Sewer / Ditch Project</b>		<b>ESTIMATED TOTAL COST</b> <b>\$30,000.00</b>	
Construction of storm sewer and ditch improvements	ENGINEERING BY: IN-HOUSE	TO BE DETERMINED	\$0.00
	CONSTRUCTION PERFORMED BY: CONTRACTOR	TO BE DETERMINED	\$0.00
	PROJECT TYPE: NEW CONSTRUCTION	TO BE DETERMINED	\$30,000.00
REFERENCE NO. 351			
<b>Harry Truman Drive Culvert Replacement</b>		<b>ESTIMATED TOTAL COST</b> <b>\$35,000.00</b>	
Replacement of deteriorated culvert.	ENGINEERING BY: IN-HOUSE	TO BE DETERMINED	\$0.00
	CONSTRUCTION PERFORMED BY: CONTRACTOR	TO BE DETERMINED	\$0.00
	PROJECT TYPE: REPLACEMENT	TO BE DETERMINED	\$35,000.00
REFERENCE NO. 352			
<b>Stauffer Drive Storm Sewer Replacement</b>		<b>ESTIMATED TOTAL COST</b> <b>\$41,500.00</b>	
Replacement of deteriorated corrugated metal storm sewer.	ENGINEERING BY: IN-HOUSE	TO BE DETERMINED	\$0.00
	CONSTRUCTION PERFORMED BY: CONTRACTOR	TO BE DETERMINED	\$0.00
	PROJECT TYPE: REPLACEMENT	TO BE DETERMINED	\$41,500.00
REFERENCE NO. 354			
<b>Sierra Park Terrace Storm Sewer Construction</b>		<b>ESTIMATED TOTAL COST</b> <b>\$50,000.00</b>	
Construction of storm sewer in eroded ditch section.	ENGINEERING BY: IN-HOUSE	TO BE DETERMINED	\$0.00
	CONSTRUCTION PERFORMED BY: CONTRACTOR	TO BE DETERMINED	\$0.00
	PROJECT TYPE: NEW CONSTRUCTION	TO BE DETERMINED	\$50,000.00
REFERENCE NO. 355			

# 5 YEAR CAPITAL PROGRAM



PROJECT DESCRIPTION	PROJECT DETAILS	PROJECT COST BREAKDOWN	
<b>Willowcrest Ditch Improvements</b>		<b>ESTIMATED TOTAL COST</b> <b>\$2,200,000.00</b>	
Deepen Drainage Ditch to Stafford Park to better drain Willowcrest Plat	ENGINEERING BY: CONSULTANT CONSTRUCTION PERFORMED BY: CONTRACTOR PROJECT TYPE:	TO BE DETERMINED	\$200,000.00
		TO BE DETERMINED	\$2,000,000.00
			\$0.00
REFERENCE NO. 549			

# PLANNED CAPITAL IMPROVEMENT PROJECTS

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## 2020 Construction Projects

### **1) Shakertown Road Extension; PID# 100929**

*Project Description:* The project generally consists of the relocation and extension of Shakertown Road to Factory Road and will include the following components:

- Eliminate the US-35/Shakertown Road Intersection
- Realign Alpha-Bellbrook Road to make a T-intersection with Shakertown Road west of Factory Road
- Provide two (2) through lanes and four (4) foot paved shoulders
- Intersection with Factory Road will be three (3) lanes wide to provide a left turn lane
- Installation of curb, gutter, and storm sewer

*Funding:*

	<u>FEDERAL</u>	<u>LOCAL</u>	<u>TOTAL</u>
Engineering	\$0 (0%)	\$164,000 (100%)	\$164,000
Right-of-Way	\$490,000 (70%)	\$210,000 (30%)	\$700,000
Construction	\$1,722,700 (70%)	\$738,300 (30%)	\$2,461,000

*Status:* Design and right-of-way acquisition are complete. Construction started in early 2019 and will continue through 2020.

### **2) Kemp Road Widening; PID# 100924**

*Project Description:* The project generally consists of the widening of Kemp Road between Grange Hall Road and Meadowcourt Drive to include the following components:

- The widening of Kemp Road to three (3) lanes for a center turn lane
- Installation of curb, gutter, and storm sewer
- Installation of an eight (8) foot wide sidepath along the north side of Kemp Road
- Installation of a five (5) foot wide sidewalk along the south side of Kemp Road

*Funding:*

	<u>FEDERAL</u>	<u>State/Other</u>	<u>LOCAL</u>	<u>TOTAL</u>
Engineering	\$0 (0%)	\$0	\$140,000 (100%)	\$140,000
Right-of-Way	\$0 (0%)	\$0	\$100,000 (100%)	\$100,000
Construction	\$987,610 (32%)	\$910,000 (30%)	\$1,152,390 (38%)	\$3,050,000

*Status:* Design work and right-of-way acquisition are complete. Construction is currently scheduled to start in early 2020.

# PLANNED CAPITAL IMPROVEMENT PROJECTS

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## 2020 Construction Projects (cont.)

### **3) Dayton-Xenia Road Widening (E. Lynn Dr. to Woods Dr.); PID# 98146**

*Project Description:* The project generally consists of the following components:

- The widening of Dayton-Xenia Road to three (3) lanes, along with the installation of curb, gutter, and storm sewer.
- The installation of sidewalks on both sides of the roadway.
- Brick pavers in treelawn

*Funding:*

	<u>FEDERAL</u>	<u>LOCAL</u>	<u>TOTAL</u>
Engineering	\$0 (0%)	\$260,000 (100%)	\$260,000
Right-of-Way	\$360,000 (80%)	\$90,000 (20%)	\$450,000
Construction	\$2,225,600 (60%)	\$1,474,400 (40%)	\$3,700,000

*Status:* Design work and right-of-way acquisition are complete. Construction is currently scheduled to start in 2020.

### **4) Col. Glenn Highway Streetscape; PID# 103492**

*Project Description:* The project generally consists of streetscape of Col. Glenn Highway from Zink Road to Presidential Drive and will include the following components:

- Installation of brick pavers, lighting, and landscaping.
- Designed to match enhancements planned by the City of Fairborn along Col. Glenn Highway, just east of the Beavercreek Corporation Limit.
- Reconstruction of existing signals at Zink Road and Presidential Drive.
- Completion of sidewalk along the south side of the roadway

*Funding:*

	<u>FEDERAL</u>	<u>LOCAL</u>	<u>TOTAL</u>
Engineering	\$0 (0%)	\$90,000 (100%)	\$90,000
Right-of-Way	\$0 (0%)	\$100,000 (100%)	\$100,000
Construction	\$693,000 (75%)	\$231,000 (25%)	\$924,000

*Status:* Design work and right-of-way acquisition are complete. Construction is currently scheduled to start in 2020.

# PLANNED CAPITAL IMPROVEMENT PROJECTS

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## 2020 Construction Projects (cont.)

### **5) SR 835 Resurfacing (West Corp Limit to US 35 Exit Ramp); PID# 108934**

*Project Description:* The project generally consists of resurfacing SR 835 (Research Blvd) from the west corporation limit to the US 35 off-ramp will to include base repairs, milling, resurfacing, and curb and median replacement.

*Funding:*

	<u>FEDERAL</u>	<u>STATE/OTHER</u>	<u>LOCAL</u>	<u>TOTAL</u>
Construction	\$1,017,219 (51%)	\$500,000 (25%)	\$482,781 (24%)	\$2,000,000

*Status:* Design is ongoing and will continue through early. Construction is currently scheduled to start in summer 2020.

### **6) Kemp Road Signal Interconnect Project; PID# 103590**

*Project Description:* The project generally consists of the following components:

- Installation of fiber optic signal interconnect cable along Kemp Road between Grange Hall Road and Hanes Road.
- Reconstruction of the traffic signal at Kemp Road and Turnbull Road.
- Signal upgrades including LED signal heads, battery backup systems, video vehicle detection, and controller upgrades.
- Curb ramp upgrades to current ADA standards.

*Funding:*

	<u>FEDERAL</u>	<u>LOCAL</u>	<u>TOTAL</u>
Engineering	\$0 (0%)	\$60,000 (100%)	\$60,000
Right-of-Way	\$0 (0%)	\$0 (100%)	\$0
Construction	\$429,000 (61%)	\$271,000 (39%)	\$700,000

*Status:* Design work and right-of-way acquisition are complete. Construction is currently scheduled to start in 2020.

### **7) Locke Drive Culvert Replacement**

*Project Description:* The project generally consists of the replacement of the double barrel culvert on Lock Drive with a new 18'x5' box culvert.

*Funding:*

	<u>FEDERAL</u>	<u>LOCAL</u>	<u>TOTAL</u>
Construction	\$0 (0%)	\$200,000 (100%)	\$200,000

*Status:* Design work and right-of-way acquisition are complete. Construction is currently scheduled to start in 2020.

# PLANNED CAPITAL IMPROVEMENT PROJECTS

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## 2020 Construction Projects (Cont.)

### **8) Storm Sewer Improvement Project**

*Project Description:* The project generally consists of the installation of new storm sewer along Cedarwood Drive and Nantucket Road.

*Funding:*

	<u>FEDERAL</u>	<u>LOCAL</u>	<u>TOTAL</u>
Construction	\$0 (0%)	\$110,000 (100%)	\$110,000

*Status:* Design work and right-of-way acquisition are complete. Construction is currently scheduled to start in 2020.

## 2021 Construction Projects

### **9) Indian Ripple Road Bikepath Project; PID# 103493**

*Project Description:* The project generally consists of the following components:

- An eight (8) foot sidepath along the north side of Indian Ripple Road between Harbert Drive and Grange Hall Road.
- A five (5) foot wide sidewalk along the south side of Indian Ripple Road from the east of Marydale Drive to Grange Hall Road.
- Curb and gutter and storm sewer along the north and south sides of Indian Ripple Road to Grange Hall Road.

*Funding:*

	<u>FEDERAL</u>	<u>LOCAL</u>	<u>TOTAL</u>
Engineering	\$0 (0%)	\$65,000 (100%)	\$65,000
Right-of-Way	\$0 (0%)	\$150,000 (100%)	\$150,000
Construction	\$371,000 (60%)	\$233,200 (40%)	\$604,200

*Status:* Design work began in 2018 and will continue through 2020. Right-of-Way acquisition began in 2019 and will continue through 2020. Construction is currently scheduled to start in 2021.

# PLANNED CAPITAL IMPROVEMENT PROJECTS

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## 2021 Construction Projects (cont.)

### **10) Factory Road Widening (Creekside Trail to Nutter Park); PID# 98146**

*Project Description:* The project generally consists of the following components:

- The widening of Factory Road to three (3) lanes, along with the installation of curb, gutter, and storm sewer.
- The installation of sidewalk along the west side of the roadway.

*Funding:*

	<u>FEDERAL</u>	<u>LOCAL</u>	<u>TOTAL</u>
Engineering	\$0 (0%)	\$260,000 (100%)	\$260,000
Right-of-Way	\$360,000 (80%)	\$90,000 (20%)	\$450,000
Construction	\$2,225,600 (80%)	\$556,400 (20%)	\$2,782,000

*Status:* Design work is ongoing and will continue through 2020. Right-of-Way acquisition is currently scheduled to take place in 2020. Construction is currently scheduled to start in 2021.

## 2022 Construction Projects

### **11) Shakertown Sidepath Extension**

*Project Description:* The project consists of the extension of the 8' wide sidepath along Shakertown Road from Autumn Leaf Drive to Farmbrook Drive.

*Funding:*

	<u>FEDERAL</u>	<u>LOCAL</u>	<u>TOTAL</u>
Engineering/Right-of-Way	\$0 (0%)	\$100,000 (100%)	\$100,000
Construction	\$0 (0%)	\$200,000 (100%)	\$200,000

*Status:* Design and right-of-way work are scheduled to begin in 2021 and will continue through early 2022. Construction is currently scheduled to start in 2022.

# PLANNED CAPITAL IMPROVEMENT PROJECTS

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## 2022 Construction Projects (Cont.)

### **12) Shakertown Road Widening**

*Project Description:* The project generally consists of the following components:

- The widening of Shakertown Road to three (3) lanes, along with the installation of curb, gutter, and storm sewer between N Fairfield Road and Carthage Drive.
- The installation of an eight (8) foot sidepath along the north side of the roadway.
- The installation of a five (5) foot sidewalk along the south side of the roadway.

*Funding:*

	<u>FEDERAL</u>	<u>LOCAL</u>	<u>TOTAL</u>
Engineering/Right-of-Way	\$0 (0%)	\$400,000 (100%)	\$400,000
Construction	\$0 (0%)	\$1,800,000 (100%)	\$1,800,000

*Status:* Design began in 2019 and will continue through 2021. Right-of-way is currently scheduled to begin in 2021 and will continue through early 2022. Construction is currently scheduled to start in 2022.

## 2023 Construction Projects

### **13) Grange Hall Road Widening (Summerfield to Kemp); PID# 106222**

*Project Description:* The project generally consists of the following components:

- The widening of Grange Hall Road to three (3) lanes, along with the installation of curb, gutter, and storm sewer.
- The installation of an eight (8) foot sidepath along the west side of the roadway.
- The installation of a five (5) foot sidewalk along the east side of the roadway.

*Funding:*

	<u>FEDERAL</u>	<u>LOCAL</u>	<u>TOTAL</u>
Engineering	\$0 (0%)	\$85,000 (100%)	\$85,000
Right-of-Way	\$0 (0%)	\$50,000 (100%)	\$50,000
Construction	\$577,500 (70%)	\$247,500 (30%)	\$825,000

*Status:* Design work began in 2019 and will continue through 2021. Right-of-Way acquisition is currently scheduled to take place in 2021. Construction is currently scheduled to start in 2023.

# PLANNED CAPITAL IMPROVEMENT PROJECTS

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## 2023 Construction Projects (Cont.)

### **14) Kemp Road Sidewalks (Grange Hall to Oxmoor); PID# 110374**

*Project Description:* The project generally consists of the following components:

- The installation of sidewalks (8' wide north side, 5' wide south side) on both sides of the roadway.
- Curb
- Storm sewer improvements

*Funding:*

	<u>FEDERAL</u>	<u>LOCAL</u>	<u>TOTAL</u>
Engineering	\$0 (0%)	\$175,000 (100%)	\$175,000
Right-of-Way	\$0 (0%)	\$100,000 (100%)	\$100,000
Construction	\$344,850 (80%)	\$282,150 (20%)	\$627,000

*Status:* Design work is scheduled to begin in 2021 and will continue through 2022. Right-of-Way acquisition is currently scheduled to take place in 2022. Construction is currently scheduled to start in 2023.

## 2024 Construction Projects

### **15) N Fairfield Road Widening (Lawson to Fairwood)**

*Project Description:* The project generally consists of the widening of N Fairfield Road between Lawson and Fairwood from four (4) lanes to five (5) lanes with the following components:

- Widening from 4 to 5 lanes
- Reconstruction of curb and storm sewers
- Reconstruction of sidewalk on both sides of the roadway

*Funding:*

	<u>FEDERAL</u>	<u>LOCAL</u>	<u>TOTAL</u>
Engineering	\$0 (0%)	\$200,000 (100%)	\$200,000
Right-of-Way	\$0 (0%)	\$200,000 (100%)	\$200,000
Construction	\$1,198,400 (70%)	\$513,600 (30%)	\$1,712,000

*Status:* Design work is scheduled to begin in 2021 and will continue through 2022. Right-of-Way acquisition is currently scheduled to begin in 2022 and continue through 2023. Construction is currently scheduled to start in 2024.

# PLANNED CAPITAL IMPROVEMENT PROJECTS

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## 2024 Construction Projects (cont.)

### **16) N Fairfield Road Widening (Shakertown to Plantation)**

*Project Description:* The project generally consists of the widening of N Fairfield Road between Shakertown and Plantation with the following components:

- Widening from 2 to 3 lanes with curb, gutter, and storm sewer
- 8' wide sidepath on the east side and 5' wide sidewalk along the west side of N Fairfield

*Funding:*

	<u>FEDERAL</u>	<u>LOCAL</u>	<u>TOTAL</u>
Engineering	\$0 (0%)	\$375,000 (100%)	\$375,000
Right-of-Way	\$0 (0%)	\$250,000 (100%)	\$250,000
Construction	\$1,835,050 (70%)	\$786,450 (30%)	\$2,621,500

*Status:* Design work is scheduled to begin in 2021 and will continue through 2022. Right-of-Way acquisition is currently scheduled to begin in 2022 and continue through 2023. Construction is currently scheduled to start in 2024.

**DRAFT 2020-2024 Capital Improvement Program**  
**Major Capital Improvement Projects 6/24/19**

Project Description	Year	101 Fund Local Share	279 Fund Local Share	203 Fund Local Share	204 Fund Local Share	408 Fund Local Share	771 Fund Local Share	205 Fund Local Share	260 Fund Local Share	Other Share	Total Cost
D-X Widening (E. Lynn to Woods) - Const. (PID #98146)	2020				1,474,400					2,225,600	3,700,000
Kemp Rd. (GH to Meadowcourt) - Const. (PID #100924)	2020					400,000		752,390	1,807,610	2,960,000	
Grange Hall Road Widening (Kemp to Summerfield) - Final Design PID #106222	2020				200,000						200,000
County Line Road R/W	2020				50,000						50,000
Cedarwood Storm Sewer	2020				60,000						60,000
Nantucket Storm Sewer	2020				50,000						50,000
Kemp Road Signal Improvements (PID #103590) - Construction	2020				271,000					429,000	700,000
Locke Dr. Culvert Replacement	2020								200,000		200,000
SR 835 Resurfacing (West Corp. Limit to US 35 Exit Ramp) PID #108934	2020						145,000	337,781	1,517,219	2,000,000	
Factory Road Widening (Nutter Park to Creekside) - Final Design & R/W PID #106219	2020								200,000		200,000
Col. Glenn Hwy. Streetscape -1 & 2 Const. (PID #103492 & 106218)	2020				300,000				347,000	693,000	1,340,000
Lantz Road R/W (Rock Drive)	2020								155,000		155,000
Sidepath Maintenance & Repairs	2020	90,000			10,000					32,000	40,000
Lofino Plaza Parking Lot - Phase 2	2020		8,000			25,000					25,000
N. Fairfield Road Signal Timing Update	2020								150,000		150,000
Indian Ripple Sidewalks (PID 103493) R/W Purchase	2020				390,000				1,400,000		1,790,000
Annual Resurfacing & Curb Replacement Program	2020									3,542,171	6,704,429
<b>2020 Totals</b>		<b>90,000</b>	<b>8,000</b>	<b>-</b>	<b>2,505,400</b>	<b>325,000</b>	<b>400,000</b>	<b>145,000</b>	<b>3,542,171</b>	<b>6,704,429</b>	<b>13,720,000</b>

Project Description	Year	101 Fund Local Share	279 Fund Local Share	203 Fund Local Share	204 Fund Local Share	408 Fund Local Share	771 Fund Local Share	205 Fund Local Share	260 Fund Local Share	Other Share	Total Cost	
Indian Ripple Sidewalks - Const. (PID #103493)	2021			240,200	250,000					349,800	840,000	
Lantz Road Extension - Design	2021								150,000		150,000	
Factory Road Widening (Nutter Park to Creekside) - Const. PID #106219	2021			247,500						577,500	825,000	
County Line Road Widening - Const. (PID #103418)	2021			645,600						930,000	1,575,600	
Shakertown Sidepath Extension (Autumn Leaf to Farmbrook) - Design & R/W	2021								100,000		100,000	
N. Fairfield Road Widening (Lawson to Fairwood) - Prelim. Design	2021			100,000	100,000						200,000	
N. Fairfield Road Widening (Shakertown to Plantation) - Prelim. Design	2021				300,000						300,000	
N. Fairfield Resurfacing (Lakeview to Crossing) - Design	2021				75,000						75,000	
Shakertown Road Widening (NFR to Carthage) - Final Design & R/W	2021					200,000			200,000		400,000	
Park Overlook - Roundabout Const.	2021						110,000		110,000		220,000	
Zink Road Extension	2021						75,000		75,000		150,000	
Kemp Road Sidewalks (GH Road to Oxmoor) - PID 110374 - Design	2021				100,000	75,000					175,000	
Grange Hall Road Widening (Kemp to Summerfield) - R/W PID #106222	2021			200,000	100,000	50,000					350,000	
Superstreet Payment (1 of 5)	2021			50,000						150,000	150,000	
Misc. Storm Sewer/Culvert Replacements	2021				150,000							
Annual Resurfacing, Sidepath Maintenance & Curb Replacement Program	2021				1,000,000					1,300,000	2,300,000	
<b>2021 Totals</b>		<b>-</b>	<b>-</b>	<b>-</b>	<b>1,483,300</b>	<b>1,925,000</b>	<b>325,000</b>	<b>185,000</b>	<b>-</b>	<b>2,085,000</b>	<b>1,857,300</b>	<b>7,860,600</b>

Project Description	Year	101 Fund Local Share	279 Fund Local Share	203 Fund Local Share	204 Fund Local Share	408 Fund Local Share	771 Fund Local Share	205 Fund Local Share	260 Fund Local Share	Other Share	Total Cost	
N. Fairfield Road Resurfacing (Lakeview to Crossing) - Const.	2022				250,000					500,000	750,000	
Kemp Road Sidewalks (Grange Hall to Oxmoor) - PID 110374 - R/W Purchases	2022					200,000					200,000	
N. Fairfield Road Resurfacing (Crossing to I-675 Ramp) - Design	2022			50,000						50,000	50,000	
Lantz Road Extension - Part 1	2022									500,000	500,000	
Shakertown Widening (N. Fairfield to Carthage) - Const.	2022			500,000	1,000,000					300,000	1,800,000	
Shakertown Sidepath Extension (Autumn Leaf to Farmbrook) - Const.	2022				100,000				100,000		200,000	
Stedman Ln. Sidewalk Extension	2022								150,000		150,000	
N. Fairfield Road Widening (Shakertown to Plantation) - Final Design & R/W	2022			500,000						500,000	500,000	
N. Fairfield Road Widening (Lawson to Fairwood) - Final Design & R/W	2022			100,000	200,000	200,000					50,000	
Superstreet Payment (2 of 5)	2022			50,000							150,000	
Misc. Storm Sewer/Culvert Replacements	2022			150,000								
Annual Resurfacing, Sidepath Maintenance & Curb Replacement Program	2022				1,000,000					1,300,000	2,300,000	
<b>2022 Totals</b>		<b>-</b>	<b>-</b>	<b>-</b>	<b>1,350,000</b>	<b>2,550,000</b>	<b>400,000</b>	<b>-</b>	<b>-</b>	<b>2,550,000</b>	<b>300,000</b>	<b>7,150,000</b>

Project Description	Year	101 Fund Local Share	279 Fund Local Share	203 Fund Local Share	204 Fund Local Share	408 Fund Local Share	771 Fund Local Share	205 Fund Local Share	260 Fund Local Share	Other Share	Total Cost	
Kemp Road Sidewalks (GH Road to Oxmoor) - PID 110374 - Construction	2023			282,150						344,850	627,000	
Grange Hall Road Widening (Kemp to Summerfield) - Const. PID #106222	2023								749,000	2,247,000	2,996,000	
N. Fairfield Road Resurfacing (Crossing to I-675 Ramp) - Construction	2023			300,000	300,000						600,000	
Lantz Road Extension - Part 2	2023			500,000							500,000	
N. Fairfield Road Resurfacing (Beaver Vu to Jonathon) - Const.	2023			600,000	400,000				500,000		1,500,000	
Superstreet Payment (3 of 5)	2023			50,000							50,000	
Misc. Storm Sewer/Culvert Replacements	2023			200,000							200,000	
Annual Resurfacing, Sidepath Maintenance & Curb Replacement Program	2023				1,000,000					1,300,000	2,300,000	
<b>2023 Totals</b>		<b>-</b>	<b>-</b>	<b>-</b>	<b>1,132,150</b>	<b>2,200,000</b>	<b>300,000</b>	<b>-</b>	<b>-</b>	<b>2,549,000</b>	<b>2,591,850</b>	<b>8,773,000</b>

## **BeaverCreek FIVE YEAR CAPITAL IMPROVEMENT PLAN**

10/18/2019

10/18/2019

FUNDING NEEDS / YEAR													
	Project Title/Phase (Funded Projects)	2020			2021			2022			2023		
		Federal/State	Local	Local Fund No.									
1	Trans. Imp. Dist. Zink Road Extension Zink Road Extension N. Fairfield Widening (Claydor to Kemp) - Design N. Fairfield Widening (Claydor to Kemp) - Design Park Overlook Roundabout Park Overlook Roundabout				\$75,000	260							
					\$75,000	771							
					\$110,000	260							
					\$110,000	771							
2	Dayton-Xenia Road Widening (E. Lynn to Woods); PID 98146 Design R/W Construction												
		\$2,225,600	\$1,474,400	204									
3	Kemp Road Widening (Grange Hall to Meadowcourt); PID 100924 Engineering R/W Construction												
		\$1,807,610	\$1,152,390	260/771									
4	Kemp Road Signal Improvements; PID 103590 Engineering R/W Construction												
		\$429,000	\$271,000	204									
5	Col. Glenn Streetscape 1 & 2; PID 103492 & 106218 Design R/W Construction												
		\$693,000	\$647,000	408/260									
6	Factory Road Widening (Nutter Park to Creekside); PID 106219 Design R/W Construction				\$50,000	260							
					\$150,000	260							
					\$577,500	\$247,500	203						
7	Lantz Road Extension Design Construction R/W							\$150,000	260				
										\$500,000	260		
		\$155,000	260									\$500,000	204
8	Indian Ripple Road Sidewalks; PID 103493 Engineering R/W Construction												
		\$150,000	260					\$349,800	\$490,200	203/204			
9	County Line Road Widening; PID 103418 Engineering R/W Construction												
		\$50,000	204					\$930,000	\$645,600	203			
10	Grange Hall Rd Widening (Summerfield to Kemp); PID 106222 Engineering R/W Construction												
		\$200,000	204					\$350,000	203/204/408				
11	N. Fairfield Rd Resurfacing (Lakeview to Crossing); Engineering Construction												
								\$75,000	204				
12	N. Fairfield Resurfacing (Crossing to I-675) Engineering Construction												
13	Shakertown Road Widening (N. Fairfield to Carthage) Engineering R/W Construction												
								\$400,000	408/260				
14	N. Fairfield Road Widening (Lawson to Fairwood) Engineering R/W Construction												
								\$200,000	203/204				
15	Shakertown Road Sidepath (Autumn Leaf to Farmbrook) Engineering R/W Construction												
								\$50,000	260				
16	SR 835 Resurfacing PID #108934 Engineering R/W Construction												
		\$1,517,219	\$482,781	205/260									
17	Kemp Road Sidewalks (GH to Oxmoor) Engineering R/W Construction												
18	N. Fairfield Road Widening (Shakertown to Plantation) Engineering R/W Construction												
	Local Projects N. Fairfield Road Resurfacing Lofino Plaza - Part II Locke Drive Culvert Repl. Misc Storm Sewer/Culvert Replacements Nantucket Storm Sewer N. Fairfield Road Signals Update Sidepath Repairs Cedarwood Lane Drainage Superstreet Payment Annual Resurfacing & Curb Replacement Program												
		\$32,000	\$8,000	279									
					\$200,000	260							
Totals by Year		\$6,704,429	\$7,015,571		\$1,857,300	\$6,003,300		\$0	\$6,950,000		\$2,591,850	\$6,181,150	