

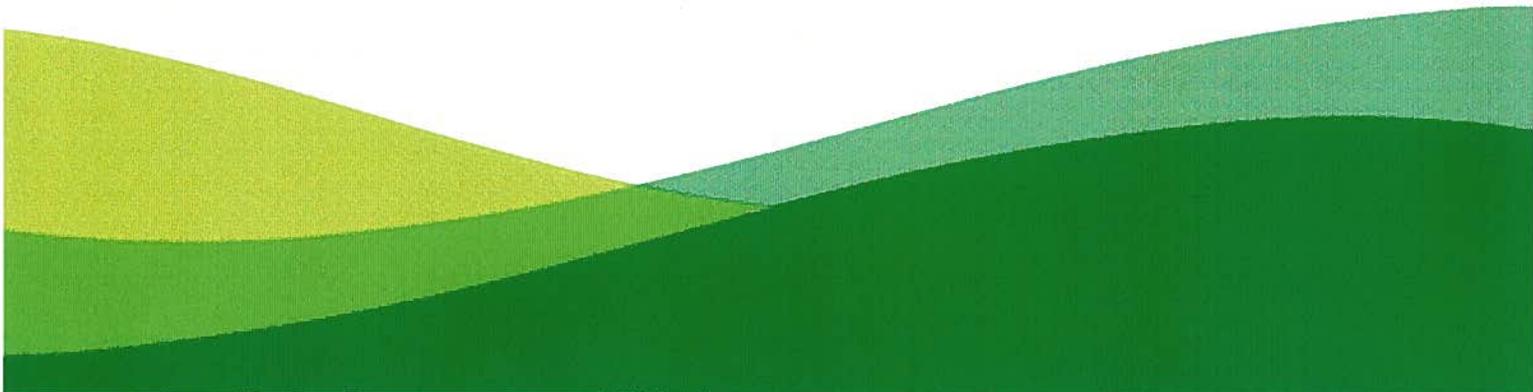


**2015-2019**

**Proposed Capital**

**Improvements**

**Program**



**1 - Overview**

**2 - Proposed Funded Projects**

**3 - Resources**

**4 - Administration**

**5 - Parks and Recreation  
Non-Major**

**6 - Parks and Recreation Major**

**7- Police**

**8 - Sanitary Sewers**

**9 - Transportation Non-Major**

**10 - Transportation Major**

**11 - Water**

**12 - Stormwater**

## 2015 – 2019

### Capital Improvements Program Schedule

#### **2014**

March 24	Memo to Directors
April 15	Pre-CIP Transportation/Finance
May 19	Submit Project Forms to Finance
June 16*	1:30-3:30 Administrative Services
June 17	1:30-3:00 Transportation
June 18	3:00- 4:00 Utilities
June 25	1:30-3:30 Parks
June 25	3:45-4:45 Police
June 27	9:30-11:30 Bike path Meeting
July 1	1:30-3:30 Admin Committee Review
July 21	3:00-5:00 Admin Committee Review
July 30	Advertise Ordinance Title
August 7**	Packet Distribution
August 11	1 <sup>st</sup> Reading of City Council
August 18	Council Workshop
Sept 8***	2 <sup>nd</sup> Reading of City Council

- \* - CIP Committee Members will receive their binders during the meeting.
- \*\* - Binders to Clerk of Council for packet distribution by August 6.
- \*\*\* - Final CIP document to Clerk of Council for packet distribution by September 3.

# **1 - Overview**

## **Overview**

### **General Information**

- The five-year CIP is completed in accordance with the annual budget calendar.
- The five-year program is updated annually.
- The operating budget will appropriate funding to implement the first year of the five-year program.
- Once City Council has reviewed the proposed CIP, the program will be modified and the final document will be prepared.
- The final CIP document contains:
  - A recap of the CIP process.
  - Financial guidelines.
  - Revenue projections for income tax and water and sewer fees.
  - A schedule of the funded major projects, including estimated costs and fund year.
  - Information on the City's outstanding debt and a projected long-term debt schedule.
  - Schedule of the funded non-major projects, including estimated costs and year funded.

### **Administrative Processes in Preparing Proposed CIP**

- Project forms, including projects in the current program, were distributed to department/division heads in mid-March requesting new projects and to update information on current projects.
- 2014 projections are updated for the General Fund and the Capital Improvements Tax Fund to determine year-end resources that will be available to carry forward.
- Based on current projections and allowances for reserves, we are estimating there will be approximately \$12.5 million in the Capital Improvements Tax Fund to carry forward from 2014 for capital projects in the future. We have not programmed any additional funding from the General Fund.
- Income tax projections are reviewed and updated for the five-year period.
  - In the 2014 Operating Budget, revenue from local income tax was projected to be \$76,475,000 with 75%, or \$57,356,250 programmed in the General Fund, and 25% or \$19,118,750 programmed in the Capital Improvements Tax Fund. Maintaining a conservative approach to estimating revenue, this estimate was based on an assumption of 2.5% reduction from the 2013

City of Dublin  
2015 -2019 Five-Year Capital Improvement Program (CIP)

revised revenue estimate, determined when the 2014 Operating Budget was approved in December 2013. However, the actual income tax revenue for 2013 exceeded the revised estimate by 4.7%. Compared to 2012 income tax revenue, the 2013 collections increased 8.8%. As of the second quarter of 2014, total income tax collections exceed 2013 collections at the same date by 9.88%. As such, the 2014 revenue estimate has been revised to reflect a 3.52% increase over 2013 actual income tax revenues, which would result in total collections of \$85,000,000. Income tax revenues are monitored closely and will be revised, if necessary, during the operating budget process.

- General Fund revenues and expenditures were projected for the period 2015 - 2019 to determine the projected available funds to carry forward for capital projects and the ability to maintain operations. At this time, no additional carry forward for capital projects is projected during the five year programming period; however, the General Fund is expected to fund advances to various TIF funds throughout the five-year period, with repayment anticipated over time.
- Debt schedules were updated.
  - Debt capacity for future years was evaluated.
  - It is anticipated that the City will issue debt in 2015 to cover the construction of the Justice Center renovations, Riverside Drive realignment, Emerald 8/Riverside Drive realignment, John Shields Parkway Phase 2, I-270/US 33 Interchange construction, and the Riverside Drive/SR 161 roundabout.
- CIP worksheets were prepared based on project forms that were submitted, reviewed and discussed with Directors. The project requests were then compared to the estimated resources for the five-year period.
- The Administrative Budget Committee reviewed projects and priorities and prepared a proposed five-year CIP.
- In developing the five-year CIP, the following elements are taken into consideration:
  - City Council goals
  - Commitments made by the City of Dublin
  - Economic development opportunities
  - Community Plan
  - Grant funding opportunities
  - Community Survey
  - Bridge Street District

### **Financial Guidelines**

- There are several key guidelines used in determining the City's fiscal capacity to complete capital projects over the next five years.
  - The five-year plan is updated annually.
  - 25% of the City's 2% income tax revenue shall be used for capital improvements. This allocation is in accordance with Ordinance No. 17-87.
  - Of the 25% in total income tax revenues which are utilized for capital improvements, 60% of that amount will be allocated to fund long-term debt and 40% to fund projects and capital expenses on a cash basis. This allocation will be reviewed in the future. The reasons for this allocation are:
    - Funding projects with long-term debt obligations reduces the use of funds for the next 20 years in most instances. The more long-term debt which is incurred now significantly reduces the options available to future City Councils to fund needed projects.
    - It is not economical to issue debt for some projects.
    - The estimated life of some projects does not meet the criteria for issuing long-term debt.
  - Income tax revenue projections will be conservative.
  - To the degree that the income tax revenue rate of growth exceeds projections in any given year, the excess revenue will be utilized to fund projects on a cash basis the following year.
  - Utilize, where appropriate, economic development incentives such as tax increment financing to fund needed infrastructure.
  - The availability of adequate financial reserves or fund balances that can be used to address unforeseen contingencies or take advantage of opportunities is a critical element in evaluating financial strength.
  - The maximum amount of debt to be issued will be 10% less than the estimated maximum amount of debt that can be supported by the income tax revenue allocated as available for annual debt service obligations.

## **2-Proposed Funded Projects**

**2015 – 2019**  
**Proposed Capital Improvements Program**  
**Proposed Projects and Funding Resources**

**Proposed Funded Projects**

Recap by Estimated Costs	2-1
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**Funding Sources**

Major and Non-major Projects by Year (Recap)	2-9
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Non-major Projects by Year	2-14
Recap of Recommended Projects, Cash Needs And Available Resources	2-15

**2015 - 2019 Proposed Capital Improvements Program  
Proposed Funded Projects  
Recap by Estimated Costs**

	2015	2016	2017	2018	2019	Total
<b>Major Projects:</b>						
Transportation	\$56,545,000	\$2,825,000	\$5,805,000	\$585,000	\$150,000	\$65,910,000
Parks	6,790,000	19,435,000	7,140,000	7,440,000	1,555,000	42,360,000
Utilities	3,395,000	1,180,000	885,000	2,140,000	640,000	8,240,000
Facilities	10,685,000	250,000	0	3,300,000	0	14,235,000
Other	4,590,000	4,435,000	4,660,000	4,155,000	3,865,000	21,705,000
<b>Total</b>	<b>82,005,000</b>	<b>28,125,000</b>	<b>18,490,000</b>	<b>17,620,000</b>	<b>6,210,000</b>	<b>152,450,000</b>
<b>Nonmajor Projects:</b>						
Transportation	6,385,000	6,350,000	6,350,000	5,820,000	5,635,000	30,540,000
Parks	1,105,000	970,000	795,000	855,000	885,000	4,610,000
Utilities	1,620,000	1,310,000	1,080,000	1,640,000	1,010,000	6,660,000
Facilities	680,000	340,000	155,000	195,000	120,000	1,490,000
Other	1,465,000	1,395,000	1,320,000	1,405,000	1,385,000	6,970,000
<b>Total</b>	<b>11,255,000</b>	<b>10,365,000</b>	<b>9,700,000</b>	<b>9,915,000</b>	<b>9,035,000</b>	<b>50,270,000</b>
<b>Total Projects:</b>						
Transportation	62,930,000	9,175,000	12,155,000	6,405,000	5,785,000	96,450,000
Parks	7,895,000	20,405,000	7,935,000	8,295,000	2,440,000	46,970,000
Utilities	5,015,000	2,490,000	1,965,000	3,780,000	1,650,000	14,900,000
Facilities	11,365,000	590,000	155,000	3,495,000	120,000	15,725,000
Other	6,055,000	5,830,000	5,980,000	5,560,000	5,250,000	28,675,000
<b>Total</b>	<b>\$93,260,000</b>	<b>\$38,490,000</b>	<b>\$28,190,000</b>	<b>\$27,535,000</b>	<b>\$15,245,000</b>	<b>\$202,720,000</b>

	Major	Non-major
Administration	35,940,000	7,810,000
Parks	42,360,000	4,610,000
Police	0	650,000
Sewer	5,000,000	2,000,000
Transportation	65,910,000	30,540,000
Water	1,730,000	1,860,000
Stormwater	1,510,000	2,800,000
<b>Total</b>	<b>152,450,000</b>	<b>50,270,000</b>
	<b>202,720,000</b>	





**2015-2019  
FIVE-YEAR CAPITAL IMPROVEMENTS PROGRAM  
PROPOSED FUNDING FOR PROJECTS**

PROJECT	TOTAL COST										TOTAL									
	PRIOR YEAR(S)										TOTAL									
	2014	2015	2016	2017	2018	2019	2015	2016	2017	2018	2019	2015	2016	2017	2018	2019	2015-2019			
ET0410 Avery-Muirfield Drive/Perimeter Loop/Perimeter Drive (TIF)	Architectural/Engineering fees	1,146,000	646,000		500,000												0			
	Acquisition	770,000	120,000				650,000										650,000			
	Construction	5,813,000	2,313,000						3,500,000								3,500,000			
	Other expenses	204,000	119,000							85,000							85,000			
	<b>Total</b>	<b>7,933,000</b>	<b>3,198,000</b>	<b>500,000</b>	<b>500,000</b>	<b>650,000</b>	<b>3,500,000</b>	<b>650,000</b>	<b>3,500,000</b>	<b>85,000</b>	<b>0</b>	<b>4,235,000</b>								
ET0508 Riverside Drive/SR161 (TIF)	Architectural/Engineering fees	609,000	239,000		370,000												0			
	Acquisition	7,679,000	5,369,000		2,310,000												0			
	Construction	7,500,000	7,500,000				7,500,000										7,500,000			
	Other expenses	290,000					290,000										290,000			
	<b>Total</b>	<b>16,078,000</b>	<b>5,608,000</b>	<b>2,680,000</b>	<b>7,790,000</b>	<b>7,790,000</b>	<b>7,790,000</b>	<b>7,790,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>7,790,000</b>		
ET0511 Avery-Muirfield/Tullymore/Valley Stream/Avery Road	Architectural/Engineering fees	130,000	75,000		55,000												0			
	Acquisition	0															0			
	Construction	400,000					400,000										400,000			
	Other expenses	65,000					65,000										65,000			
	<b>Total</b>	<b>595,000</b>	<b>75,000</b>	<b>55,000</b>	<b>400,000</b>	<b>400,000</b>	<b>400,000</b>	<b>400,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>465,000</b>		
ET0605 Sawmill Road/Hard Road (TIF)	Architectural/Engineering fees	346,000	306,000		40,000												0			
	Acquisition	463,000	148,000		315,000												0			
	Construction	2,450,000	550,000				1,900,000										1,900,000			
	Other expenses	5,000					5,000										5,000			
	<b>Total</b>	<b>3,264,000</b>	<b>454,000</b>	<b>905,000</b>	<b>1,900,000</b>	<b>1,900,000</b>	<b>1,900,000</b>	<b>1,900,000</b>	<b>5,000</b>	<b>5,000</b>	<b>0</b>	<b>1,905,000</b>								
ET0809 Hyland Croy Road/McKirk Road	Architectural/Engineering fees	180,000			180,000												0			
	Acquisition	50,000					50,000										50,000			
	Construction	1,200,000						1,200,000									1,200,000			
	Other expenses	20,000						20,000									20,000			
	<b>Total</b>	<b>1,450,000</b>	<b>0</b>	<b>180,000</b>	<b>50,000</b>	<b>50,000</b>	<b>1,220,000</b>	<b>50,000</b>	<b>1,220,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,270,000</b>		
ET1401 I-270/US 33 Interchange Improvements, phase 1 (TIF)	Architectural/Engineering fees	5,960,000	3,375,000		2,585,000												0			
	Acquisition	4,500,000	500,000		4,000,000												0			
	Construction	9,180,000					9,180,000										9,180,000			
	Other expenses	2,009,000	24,000				1,985,000										1,985,000			
	<b>Total</b>	<b>21,649,000</b>	<b>3,899,000</b>	<b>6,585,000</b>	<b>11,165,000</b>	<b>11,165,000</b>	<b>11,165,000</b>	<b>11,165,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>11,165,000</b>		
NEW I-270 AEP Overhead to Underground Crossing (TIF)	Architectural/Engineering fees	0															0			
	Acquisition	0															0			
	Construction	805,000					805,000										805,000			
	Other expenses	0															0			
	<b>Total</b>	<b>805,000</b>	<b>0</b>	<b>0</b>	<b>805,000</b>	<b>805,000</b>	<b>805,000</b>	<b>805,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>805,000</b>		
ET1003 Dublin Road/Glick Road Intersection Improvements	Architectural/Engineering fees	193,000	193,000														0			
	Acquisition	200,000			200,000												0			
	Construction	1,600,000			1,600,000												0			
	Other expenses	5,000					5,000										5,000			
	<b>Total</b>	<b>1,998,000</b>	<b>193,000</b>	<b>1,800,000</b>	<b>5,000</b>	<b>5,000</b>	<b>5,000</b>	<b>5,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,000</b>		
ET1102 US33/SR 161/Post Road Interchange Improvements (TIF)	Architectural/Engineering fees	109,000	34,000		75,000												0			
	Acquisition	0															0			
	Construction	2,600,000			2,600,000												2,600,000			
	Other expenses	85,000															85,000			
	<b>Total</b>	<b>2,794,000</b>	<b>34,000</b>	<b>75,000</b>	<b>2,600,000</b>	<b>2,600,000</b>	<b>2,600,000</b>	<b>2,600,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,685,000</b>		
ET1521 Muirfield Drive/Memorial Drive Alternative Analysis	Architectural/Engineering fees	50,000			50,000												0			
	Acquisition	0															0			
	Construction	0															0			
	Other expenses	0															0			
	<b>Total</b>	<b>50,000</b>	<b>0</b>	<b>50,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>		





**2015-2019  
FIVE-YEAR CAPITAL IMPROVEMENTS PROGRAM  
PROPOSED FUNDING FOR PROJECTS**

PROJECT	TOTAL COST	PRIOR YEAR(S)	TOTAL					TOTAL 2015-2019
			2014	2015	2016	2017	2018	
ES0701 Sewer Lining and Repair								
Architectural\Engineering fees	0							0
Acquisition	0							0
Construction	10,752,000	6,752,000		2,500,000		1,500,000		4,000,000
Other expenses	0							0
<b>Total</b>	<b>10,752,000</b>	<b>6,752,000</b>	<b>0</b>	<b>2,500,000</b>	<b>0</b>	<b>1,500,000</b>	<b>0</b>	<b>4,000,000</b>
ES1502 Reserve For Sewer Extensions								
Architectural\Engineering fees	0							0
Acquisition	0							0
Construction	1,200,000		200,000	200,000	200,000	200,000	200,000	1,000,000
Other expenses	0							0
<b>Total</b>	<b>1,200,000</b>	<b>0</b>	<b>200,000</b>	<b>200,000</b>	<b>200,000</b>	<b>200,000</b>	<b>200,000</b>	<b>1,000,000</b>
EW1101 Rings Road Waterline (Churchman Road)								
Architectural\Engineering fees	65,000				65,000			65,000
Acquisition	15,000				15,000			15,000
Construction	650,000				650,000			650,000
Other expenses	0							0
<b>Total</b>	<b>730,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>730,000</b>	<b>0</b>	<b>0</b>	<b>730,000</b>
EW1501 Reserve For Water Extensions								
Architectural\Engineering fees	0							0
Acquisition	0							0
Construction	1,000,000		200,000	200,000	200,000	200,000	200,000	1,000,000
Other expenses	0							0
<b>Total</b>	<b>1,000,000</b>	<b>0</b>	<b>200,000</b>	<b>200,000</b>	<b>200,000</b>	<b>200,000</b>	<b>200,000</b>	<b>1,000,000</b>
EF0201 Stormwater Improvements								
Architectural\Engineering fees	694,000	539,000			50,000		30,000	80,000
Acquisition	57,000	32,000	75,000	25,000				25,000
Construction	3,666,000	2,261,000		470,000		240,000	455,000	1,405,000
Other expenses	0							0
<b>Total</b>	<b>4,417,000</b>	<b>2,832,000</b>	<b>75,000</b>	<b>495,000</b>	<b>50,000</b>	<b>240,000</b>	<b>485,000</b>	<b>1,510,000</b>
<b>Total Utilities</b>	<b>18,099,000</b>	<b>9,584,000</b>	<b>475,000</b>	<b>3,395,000</b>	<b>1,180,000</b>	<b>2,140,000</b>	<b>885,000</b>	<b>8,240,000</b>

**2015-2019  
FIVE-YEAR CAPITAL IMPROVEMENTS PROGRAM  
PROPOSED FUNDING FOR PROJECTS**

PROJECT	TOTAL COST	PRIOR YEAR(S)	2014	2015	2016	2017	2018	2019	TOTAL 2015-2019
			2014	2015	2016	2017	2018	2019	2015-2019
AB0601	Municipal Facilities								
	Architectural/Engineering fees	1,872,000	355,000	350,000					350,000
	Acquisition	0	1,167,000	0					0
	Construction	15,739,000	670,000	10,335,000	250,000		3,300,000		13,885,000
	Other expenses	0	1,184,000	0					0
	<b>Total</b>	<b>17,611,000</b>	<b>2,351,000</b>	<b>10,685,000</b>	<b>250,000</b>	<b>0</b>	<b>3,300,000</b>	<b>0</b>	<b>14,235,000</b>
	<b>Total Facilities</b>	<b>17,611,000</b>	<b>1,025,000</b>	<b>10,685,000</b>	<b>250,000</b>	<b>0</b>	<b>3,300,000</b>	<b>0</b>	<b>14,235,000</b>
AB1301	Bridge Street District								
	Architectural/Engineering fees	2,030,000	810,000						0
	Acquisition	0							0
	Construction	3,000,000	500,000	500,000	500,000	500,000	500,000	500,000	2,500,000
	Other expenses	0							0
	<b>Total</b>	<b>5,030,000</b>	<b>810,000</b>	<b>500,000</b>	<b>500,000</b>	<b>500,000</b>	<b>500,000</b>	<b>500,000</b>	<b>2,500,000</b>
AL1502	ParKland Acquisition								
	Acquisition	3,900,000	650,000	650,000	650,000	650,000	650,000	650,000	3,250,000
	<b>Total</b>	<b>3,900,000</b>	<b>650,000</b>	<b>650,000</b>	<b>650,000</b>	<b>650,000</b>	<b>650,000</b>	<b>650,000</b>	<b>3,250,000</b>
AI1401	Computer Hardware/Software								
	Equipment	6,760,000	1,255,000	1,200,000	1,100,000	1,100,000	1,070,000	1,035,000	5,505,000
	<b>Total</b>	<b>6,760,000</b>	<b>1,255,000</b>	<b>1,200,000</b>	<b>1,100,000</b>	<b>1,100,000</b>	<b>1,070,000</b>	<b>1,035,000</b>	<b>5,505,000</b>
PP1601	Radio System upgrade								
	Equipment	575,000	575,000	0	0	0	0	0	0
	<b>Total</b>	<b>575,000</b>	<b>575,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
EW1501	Allocation for Water Extensions								
	Other expenses	1,200,000	200,000	200,000	200,000	200,000	200,000	200,000	1,000,000
	<b>Total</b>	<b>1,200,000</b>	<b>200,000</b>	<b>200,000</b>	<b>200,000</b>	<b>200,000</b>	<b>200,000</b>	<b>200,000</b>	<b>1,000,000</b>
ES1502	Allocation for Sewer Extensions								
	Other expenses	1,200,000	200,000	200,000	200,000	200,000	200,000	200,000	1,000,000
	<b>Total</b>	<b>1,200,000</b>	<b>200,000</b>	<b>200,000</b>	<b>200,000</b>	<b>200,000</b>	<b>200,000</b>	<b>200,000</b>	<b>1,000,000</b>
AV1501	Fleet management program								
	Vehicles	7,965,000	1,115,000	1,465,000	1,355,000	1,630,000	1,140,000	1,260,000	6,850,000
	Equipment	2,010,000	410,000	375,000	430,000	380,000	395,000	20,000	1,600,000
	<b>Total</b>	<b>9,975,000</b>	<b>1,525,000</b>	<b>1,840,000</b>	<b>1,785,000</b>	<b>2,010,000</b>	<b>1,535,000</b>	<b>1,280,000</b>	<b>8,450,000</b>
	<b>Total Others</b>	<b>28,640,000</b>	<b>810,000</b>	<b>4,590,000</b>	<b>4,435,000</b>	<b>4,660,000</b>	<b>4,155,000</b>	<b>3,865,000</b>	<b>21,705,000</b>
<b>Grand Totals</b>		<b>\$257,364,000</b>	<b>\$58,239,000</b>	<b>\$82,005,000</b>	<b>\$28,125,000</b>	<b>\$18,490,000</b>	<b>\$17,620,000</b>	<b>\$6,210,000</b>	<b>\$152,450,000</b>

**2015 - 2019 Proposed Capital Improvements Program  
Funding Sources for Major and Nonmajor Projects by Year**

Funding Sources	Totals					Percent	
	2015	2016	2017	2018	2019		
<b>Major projects:</b>							
Total Cash/Income Tax Revenue	\$ 14,465,000	\$ 5,570,000	\$ 5,890,000	\$ 6,035,000	\$ 5,160,000	\$ 37,120,000	24.35%
Tax Increment Financing (TIF Fund)	6,915,000	380,000	4,185,000	185,000	-	11,665,000	7.65%
Tax Increment Financing (Advance):	8,885,000	55,000	300,000	-	-	9,240,000	6.06%
Debt (Income Tax Funded)	15,135,000	18,000,000	6,500,000	8,800,000	-	48,435,000	31.77%
Debt (TIF Funded)	30,290,000	-	-	-	-	30,290,000	19.87%
Debt (Utility Funded)	2,500,000	-	-	1,500,000	-	4,000,000	2.62%
Property taxes	650,000	650,000	650,000	650,000	650,000	3,250,000	2.13%
Utilities	410,000	1,155,000	850,000	450,000	400,000	3,265,000	2.14%
Other	2,755,000	2,315,000	115,000	-	-	5,185,000	3.40%
<b>Total funding sources-Major projects</b>	<b>\$ 82,005,000</b>	<b>\$ 28,125,000</b>	<b>\$ 18,490,000</b>	<b>\$ 17,620,000</b>	<b>\$ 6,210,000</b>	<b>\$ 152,450,000</b>	<b>100.00%</b>
<b>Nonmajor projects:</b>							
Total Cash/Income Tax Revenue	\$ 9,670,000	\$ 9,160,000	\$ 9,135,000	\$ 8,670,000	\$ 8,570,000	\$ 45,205,000	89.97%
Tax Increment Financing (TIF Fund)	45,000	440,000	30,000	150,000	-	665,000	1.32%
Debt (Utility Funded)	500,000	-	250,000	-	250,000	1,000,000	1.99%
Utilities	560,000	750,000	270,000	1,080,000	200,000	2,860,000	5.69%
Other	230,000	265,000	15,000	15,000	15,000	540,000	1.07%
<b>Total funding sources-Nonmajor projects</b>	<b>\$ 11,005,000</b>	<b>\$ 10,615,000</b>	<b>\$ 9,700,000</b>	<b>\$ 9,915,000</b>	<b>\$ 9,035,000</b>	<b>\$ 50,270,000</b>	<b>100.00%</b>
<b>Total Funding Sources:</b>							
Total Cash/Income Tax Revenue	\$ 24,135,000	\$ 14,730,000	\$ 15,025,000	\$ 14,705,000	\$ 13,730,000	\$ 82,325,000	40.61%
Tax Increment Financing (TIF Fund)	6,960,000	820,000	4,215,000	335,000	-	12,330,000	6.08%
Tax Increment Financing (Advance):	8,885,000	55,000	300,000	-	-	9,240,000	4.56%
Debt (Income Tax Funded)	15,135,000	18,000,000	6,500,000	8,800,000	-	48,435,000	23.89%
Debt (TIF Funded)	30,290,000	-	-	-	-	30,290,000	14.94%
Debt (Utility Funded)	3,000,000	-	250,000	1,500,000	250,000	5,000,000	2.47%
Property taxes	650,000	650,000	650,000	650,000	650,000	3,250,000	1.60%
Utilities	970,000	1,905,000	1,120,000	1,530,000	600,000	6,125,000	3.02%
Other	2,985,000	2,580,000	130,000	15,000	15,000	5,725,000	2.82%
<b>Total Funding Sources</b>	<b>\$ 93,010,000</b>	<b>\$ 38,740,000</b>	<b>\$ 28,190,000</b>	<b>\$ 27,535,000</b>	<b>\$ 15,245,000</b>	<b>\$ 202,720,000</b>	<b>100.00%</b>

**2015 - 2019 Proposed Capital Improvements Program  
Funding Sources for Major Projects by Year**

Funding Sources	2015	2016	2017	2018	2019	Totals 2015-2019
<b>Cash/Income Tax Revenue:</b>						
<b>Transportation -</b>						
Post Road Improvements	\$ -	\$ -	\$ -	\$ 400,000	\$ 150,000	\$ 550,000
Hyland-Croy/McKirk Road Roundabout	50,000	-	1,220,000	-	-	1,270,000
Riverside Drive Realignment	-	75,000	-	-	-	75,000
Shared Use Path Connections	2,215,000	-	-	-	-	2,215,000
<b>Total Transportation</b>	\$ 2,265,000	\$ 75,000	\$ 1,220,000	\$ 400,000	\$ 150,000	\$ 4,110,000
<b>Parks -</b>						
Darree Fields	\$ 660,000	\$ -	\$ -	\$ 120,000	\$ 1,400,000	\$ 2,180,000
Amberleigh Park	-	-	-	-	75,000	75,000
Emerald Fields (NE Quad Park)	-	-	340,000	275,000	-	615,000
Coffman Park expansion	2,900,000	-	100,000	1,345,000	-	4,345,000
Holder-Wright Earthworks	180,000	1,335,000	-	-	80,000	1,595,000
Scioto River Pedestrian Bridge	2,500,000	-	-	-	-	2,500,000
Riverside Drive Park	550,000	100,000	200,000	200,000	-	1,050,000
<b>Total Parks</b>	\$ 6,790,000	\$ 1,435,000	\$ 640,000	\$ 1,940,000	\$ 1,555,000	\$ 12,360,000
<b>Utilities -</b>						
Stormwater	\$ 495,000	\$ 50,000	\$ 485,000	\$ 240,000	\$ 240,000	\$ 1,510,000
<b>Total Utilities</b>	\$ 495,000	\$ 50,000	\$ 485,000	\$ 240,000	\$ 240,000	\$ 1,510,000
<b>Facilities -</b>						
Municipal Facilities	\$ 1,000,000	\$ 250,000	\$ -	\$ -	\$ -	\$ 1,250,000
<b>Total Facilities</b>	\$ 1,000,000	\$ 250,000	\$ -	\$ -	\$ -	\$ 1,250,000
<b>Other Projects -</b>						
Computer Hardware and Software	\$ 1,190,000	\$ 1,075,000	\$ 1,100,000	\$ 1,020,000	\$ 1,035,000	\$ 5,420,000
Fleet Management Program	1,825,000	1,785,000	1,545,000	1,535,000	1,280,000	7,970,000
Bridge Street Corridor	500,000	500,000	500,000	500,000	500,000	2,500,000
Transfer to Water Fund (Allocation for Extensions)	200,000	200,000	200,000	200,000	200,000	1,000,000
Transfer to Sewer Fund (Allocation for Extensions)	200,000	200,000	200,000	200,000	200,000	1,000,000
<b>Total Other Projects</b>	\$ 3,915,000	\$ 3,760,000	\$ 3,545,000	\$ 3,455,000	\$ 3,215,000	\$ 17,890,000
<b>Total Cash/Income Tax Revenue</b>	\$ 14,465,000	\$ 5,570,000	\$ 5,890,000	\$ 6,035,000	\$ 5,160,000	\$ 37,120,000

**2015 - 2019 Proposed Capital Improvements Program  
Funding Sources for Major Projects by Year**

Funding Sources	2015	2016	2017	2018	2019	Totals 2015-2019
<b>Tax Increment Financing (TIF Funds):</b>						
<b>Transportation -</b>						
Tuttle Crossing Blvd Ext - Wilcox Rd to Avery Rd	\$1,900,000	\$0	\$0	\$0	\$0	\$1,900,000
Frantz Road Utility Burial - Pizzuti	10,000	-	-	-	-	10,000
Avery Rd Widening - Woerner Temple to Rings West (Phase 2)	165,000	-	-	-	-	165,000
Dale Drive Rehabilitation	-	-	900,000	100,000	-	1,000,000
I-270 AEP Overhead Utility Line Burial	805,000	-	-	-	-	805,000
Avery-Muirfield/Perimeter Loop and Perimeter Drive Intersections	650,000	-	3,200,000	85,000	-	3,935,000
Sawmill Road/Hard Road Intersection	1,400,000	5,000	-	-	-	1,405,000
I-270/US-33 Interchange	1,985,000	-	-	-	-	1,985,000
Emerald Parkway Phase 8 (Riverside/Tullier/JSP)	-	75,000	-	-	-	75,000
US33/SR161/Post Road Ramp Improvements	-	-	85,000	-	-	85,000
SR 161/Hyland-Croy Road Temporary Intersection	-	300,000	-	-	-	300,000
<b>Total Transportation</b>	<b>\$ 6,915,000</b>	<b>\$ 380,000</b>	<b>\$ 4,185,000</b>	<b>\$ 185,000</b>	<b>\$ -</b>	<b>\$ 11,665,000</b>
<b>Tax Increment Financing (Advance):</b>						
<b>Transportation-</b>						
Frantz/Dublin Road Connector	\$2,650,000	\$55,000	\$0	\$0	\$0	\$2,705,000
West Innovation Park Infrastructure (Onsite)	800,000	-	-	-	-	800,000
West Innovation Park Infrastructure (Offsite)	150,000	-	-	-	-	150,000
Academic Drive	5,000	-	-	-	-	5,000
John Shields Parkway Phase II	1,000,000	-	-	-	-	1,000,000
Avery-Muirfield/Perimeter Loop and Perimeter Drive Intersections	-	-	300,000	-	-	300,000
I-270/US-33 Interchange (Post Road Utility Burial)	1,180,000	-	-	-	-	1,180,000
Sawmill Road/Hard Road Intersection	500,000	-	-	-	-	500,000
US33/SR161/Post Road Ramp Improvements	2,600,000	-	-	-	-	2,600,000
<b>Total Transportation</b>	<b>\$ 8,885,000</b>	<b>\$ 55,000</b>	<b>\$ 300,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 9,240,000</b>
<b>Total Tax Increment Financing</b>	<b>\$ 15,800,000</b>	<b>\$ 435,000</b>	<b>\$ 4,485,000</b>	<b>\$ 185,000</b>	<b>\$ -</b>	<b>\$ 20,905,000</b>

**2015 - 2019 Proposed Capital Improvements Program  
Funding Sources for Major Projects by Year**

Funding Sources	2015	2016	2017	2018	2019	Totals 2015-2019
<b>Debt:</b>						
<b>Income Tax Funded Transportation -</b>						
Riverside Drive Realignment	\$ 5,450,000	\$ -	\$ -	\$ -	\$ -	\$ 5,450,000
<b>Total Transportation</b>	\$ 5,450,000	\$ -	\$ -	\$ -	\$ -	\$ 5,450,000
<b>Parks -</b>						
Scioto River Pedestrian Bridge	\$ -	\$ 15,000,000	\$ -	\$ -	\$ -	\$ 15,000,000
Riverside Drive Park	\$ -	\$ 3,000,000	\$ 6,500,000	\$ 5,500,000	\$ -	\$ 15,000,000
<b>Total Parks</b>	\$ -	\$ 18,000,000	\$ 6,500,000	\$ 5,500,000	\$ -	\$ 30,000,000
<b>Facilities -</b>						
Building Renovations: Justice Center	\$ 9,685,000	\$ -	\$ -	\$ -	\$ -	\$ 9,685,000
Building Renovations: Service Center	\$ -	\$ -	\$ -	\$ 3,300,000	\$ -	\$ 3,300,000
<b>Total Facilities</b>	\$ 9,685,000	\$ -	\$ -	\$ 3,300,000	\$ -	\$ 12,985,000
<b>Total Debt - Income Tax Funded</b>	\$ 15,135,000	\$ 18,000,000	\$ 6,500,000	\$ 8,800,000	\$ -	\$ 48,435,000
<b>TIF Funded Transportation -</b>						
Emerald Parkway-Riverside to Billingsley Creek; Tuller Rd. Relocation	\$ 5,400,000	\$ -	\$ -	\$ -	\$ -	\$ 5,400,000
John Shields Parkway Phase II	\$ 9,100,000	\$ -	\$ -	\$ -	\$ -	\$ 9,100,000
Riverside Drive/SR 161 Roundabout	\$ 7,790,000	\$ -	\$ -	\$ -	\$ -	\$ 7,790,000
I-270/US 33 Interchange Phase 1 improvements	\$ 8,000,000	\$ -	\$ -	\$ -	\$ -	\$ 8,000,000
<b>Total Transportation</b>	\$ 30,290,000	\$ -	\$ -	\$ -	\$ -	\$ 30,290,000
<b>Total Debt - TIF Funded</b>	\$ 30,290,000	\$ -	\$ -	\$ -	\$ -	\$ 30,290,000
<b>Utility Funded Sewer -</b>						
Sewer Relining and Repairs	\$ 2,500,000	\$ -	\$ -	\$ 1,500,000	\$ -	\$ 4,000,000
<b>Total Debt - Utility Funded</b>	\$ 2,500,000	\$ -	\$ -	\$ 1,500,000	\$ -	\$ 4,000,000
<b>Total Debt</b>	\$ 47,925,000	\$ 18,000,000	\$ 6,500,000	\$ 10,300,000	\$ -	\$ 82,725,000

**2015 - 2019 Proposed Capital Improvements Program  
Funding Sources for Major Projects by Year**

Funding Sources	2015	2016	2017	2018	2019	Totals 2015-2019
<b>Property Taxes:</b>						
<b>Parks -</b>						
Parkland Acquisition	\$ 650,000	\$ 650,000	\$ 650,000	\$ 650,000	\$ 650,000	\$ 3,250,000
<b>Total Property Taxes</b>	<b>\$ 650,000</b>	<b>\$ 650,000</b>	<b>\$ 650,000</b>	<b>\$ 650,000</b>	<b>\$ 650,000</b>	<b>\$ 3,250,000</b>
<b>Utilities:</b>						
<b>Water -</b>						
Rings Road waterline	\$ -	\$ 730,000	\$ -	\$ -	\$ -	\$ 730,000
Water extensions	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 1,000,000
<b>Total Water</b>	<b>\$ 200,000</b>	<b>\$ 930,000</b>	<b>\$ 200,000</b>	<b>\$ 200,000</b>	<b>\$ 200,000</b>	<b>\$ 1,730,000</b>
<b>Sewer -</b>						
Computer Hardware and Software	\$ 10,000	\$ 25,000	\$ -	\$ 50,000	\$ -	\$ 85,000
Fleet Management Program	-	-	\$ 450,000	-	-	\$ 450,000
Sewer extensions	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 1,000,000
<b>Total Sewer</b>	<b>\$ 210,000</b>	<b>\$ 225,000</b>	<b>\$ 650,000</b>	<b>\$ 250,000</b>	<b>\$ 200,000</b>	<b>\$ 1,535,000</b>
<b>Total Utilities</b>	<b>\$ 410,000</b>	<b>\$ 1,155,000</b>	<b>\$ 850,000</b>	<b>\$ 450,000</b>	<b>\$ 400,000</b>	<b>\$ 3,265,000</b>
<b>Other</b>						
<b>Transportation-</b>						
Relocated Rings (Churchman Road)	\$ 350,000	\$ 250,000	\$ 100,000	\$ -	\$ -	\$ 700,000
Relocated Rings (Churchman Road)	-	\$ 2,000,000	-	-	-	\$ 2,000,000
Railroad Quiet Zone	\$ 485,000	-	-	-	-	\$ 485,000
West Innovation Park Infrastructure (Onsite)	\$ 1,500,000	-	-	-	-	\$ 1,500,000
Avery-Muirfield/Tullymore/Valley Stream/Avery Rd	\$ 400,000	\$ 65,000	-	-	-	\$ 465,000
Dublin Road/Glick Road Intersection	\$ 5,000	-	-	-	-	\$ 5,000
<b>Total Transportation</b>	<b>\$ 2,740,000</b>	<b>\$ 2,315,000</b>	<b>\$ 100,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 5,155,000</b>
<b>Other Projects -</b>						
Fleet Management Program	\$ 15,000	\$ -	\$ 15,000	\$ -	\$ -	\$ 30,000
<b>Total Other Projects</b>	<b>\$ 15,000</b>	<b>\$ -</b>	<b>\$ 15,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 30,000</b>
<b>Total Other</b>	<b>\$ 2,755,000</b>	<b>\$ 2,315,000</b>	<b>\$ 115,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 5,185,000</b>
<b>Total 2015-2019 CIP</b>	<b>\$ 82,005,000</b>	<b>\$ 28,125,000</b>	<b>\$ 18,490,000</b>	<b>\$ 17,620,000</b>	<b>\$ 6,210,000</b>	<b>\$ 152,450,000</b>

**2015 - 2019 Proposed Capital Improvements Program  
Funding Sources for Nonmajor Projects by Year**

Funding Sources	2015	2016	2017	2018	2019	Totals 2015-2019
<b>Cash / Income Tax Revenue:</b>						
Administration	\$ 1,875,000	\$ 1,560,000	\$ 1,250,000	\$ 1,565,000	\$ 1,490,000	\$ 7,740,000
Parks and Recreation <sup>1</sup>	635,000	970,000	765,000	705,000	885,000	3,960,000
Police	260,000	160,000	210,000	20,000	-	650,000
Transportation	6,340,000	5,910,000	6,350,000	5,820,000	5,635,000	30,055,000
Stormwater	560,000	560,000	560,000	560,000	560,000	2,800,000
<b>Total Cash / Income Tax Revenue</b>	<b>\$ 9,670,000</b>	<b>\$ 9,160,000</b>	<b>\$ 9,135,000</b>	<b>\$ 8,670,000</b>	<b>\$ 8,570,000</b>	<b>\$ 45,205,000</b>
<b>Tax Increment Financing (TIF Fund):</b>						
Parks and Recreation	\$ -	\$ -	\$ 30,000	\$ 150,000	\$ -	\$ 180,000
Transportation	45,000	440,000	-	-	-	485,000
<b>Total Tax Increment Financing</b>	<b>\$ 45,000</b>	<b>\$ 440,000</b>	<b>\$ 30,000</b>	<b>\$ 150,000</b>	<b>\$ -</b>	<b>\$ 665,000</b>
<b>Other Funds:</b>						
Administration - Hotel/Motel Tax	\$ 10,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 70,000
Parks - Hotel/Motel Tax <sup>1</sup>	173,000	250,000	-	-	-	423,000
Parks - Cemetery <sup>1</sup>	47,000	-	-	-	-	-
Transportation - State Highway	-	-	-	-	-	-
Transportation - Permissive Tax	-	-	-	-	-	-
<b>Total Other funds</b>	<b>\$ 230,000</b>	<b>\$ 265,000</b>	<b>\$ 15,000</b>	<b>\$ 15,000</b>	<b>\$ 15,000</b>	<b>\$ 493,000</b>
<b>Utilities:</b>						
Sewer	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 1,000,000
Sewer - Debt	500,000	-	250,000	-	250,000	1,000,000
Water	360,000	550,000	70,000	880,000	-	1,860,000
<b>Total Utilities</b>	<b>\$ 1,060,000</b>	<b>\$ 750,000</b>	<b>\$ 520,000</b>	<b>\$ 1,080,000</b>	<b>\$ 450,000</b>	<b>\$ 3,860,000</b>
<b>Total 2015-2019 CIP</b>	<b>\$ 11,005,000</b>	<b>\$ 10,615,000</b>	<b>\$ 9,700,000</b>	<b>\$ 9,915,000</b>	<b>\$ 9,035,000</b>	<b>\$ 50,270,000</b>
Less:						
Utilities	(1,060,000)	(750,000)	(520,000)	(1,080,000)	(450,000)	(3,860,000)
<b>Total - Sources Other Than Utilities</b>	<b>\$ 9,945,000</b>	<b>\$ 9,865,000</b>	<b>\$ 9,180,000</b>	<b>\$ 8,835,000</b>	<b>\$ 8,585,000</b>	<b>\$ 46,410,000</b>
<sup>1</sup> Breakdown:						
Renovation	\$ 640,000	\$ 650,000	\$ 650,000	\$ 705,000	\$ 765,000	\$ 3,410,000
New park development	855,000	570,000	145,000	150,000	120,000	985,000
	\$ 855,000	\$ 1,220,000	\$ 795,000	\$ 855,000	\$ 885,000	\$ 4,610,000

**2015 - 2019 Proposed Capital Improvements Program**  
 Recap of Recommended Projects, Cash Needs and Available Resources  
 (Income tax supported - excludes other sources of revenue)

**RECOMMENDED PROJECTS**

Project Description	2015	2016	2017	2018	2019
<b>Nonmajor Projects:</b>					
Administration	\$ 1,885,000	\$ 1,575,000	\$ 1,265,000	\$ 1,580,000	\$ 1,505,000
Parks	855,000	1,220,000	795,000	855,000	885,000
Police	260,000	160,000	210,000	20,000	-
Transportation	6,385,000	6,350,000	6,350,000	5,820,000	5,635,000
Stormwater	560,000	560,000	560,000	560,000	560,000
<b>Total Nonmajor</b>	<b>9,945,000</b>	<b>9,865,000</b>	<b>9,180,000</b>	<b>8,835,000</b>	<b>8,585,000</b>
<b>Major Projects:</b>					
<b>Administration:</b>					
Computer Hardware/Software	1,200,000	1,100,000	1,100,000	1,070,000	1,035,000
Municipal Facilities	10,685,000	250,000	-	3,300,000	-
Fleet Management Program	1,840,000	1,785,000	2,010,000	1,535,000	1,280,000
Bridge Street District	500,000	500,000	500,000	500,000	500,000
<b>Parks &amp; Recreation:</b>					
Darree Fields Development	660,000	-	-	120,000	1,400,000
Amerleigh Community Park	-	-	-	-	75,000
Emerald Fields (NE Quad Park)	-	-	340,000	275,000	-
Coffman Park Expansion	2,900,000	-	100,000	1,345,000	-
Holder-Wright Earthworks	180,000	1,335,000	-	-	80,000
Scioto River Pedestrian Bridge	2,500,000	15,000,000	-	-	-
Riverside Park	550,000	3,100,000	6,700,000	5,700,000	-
<b>Water &amp; Sewer</b>					
Allocation for Water Extensions	200,000	200,000	200,000	200,000	200,000
Allocation for Sewer Extensions	200,000	200,000	200,000	200,000	200,000
<b>Transportation:</b>					
Relocated Rings Road (Churchman Road)	350,000	2,250,000	100,000	-	-
Frantz Road - Dublin Rd. Connector	2,650,000	55,000	-	-	-
Railroad Quiet Zone	485,000	-	-	-	-
West Innovation Park Infrastructure (Onsite)	2,300,000	-	-	-	-
West Innovation Park Infrastructure (Offsite)	150,000	-	-	-	-
Riverside Drive Realignment	5,450,000	75,000	-	-	-
John Shields Parkway Phase II	10,100,000	-	-	-	-
Post Road Improvements	-	-	-	400,000	150,000
Academic Drive - Phase I	5,000	-	-	-	-
<b>Intersection Improvements:</b>					
Avery-Muirfield/Perimeter Loop/Perimeter Drive	650,000	-	3,500,000	85,000	-
Riverside Drive/SR 161	7,790,000	-	-	-	-
Avery-Muirfield/Tullymore Dr./Valley Stream/Avery Road	400,000	65,000	-	-	-
Sawmill Road/Hard Road	1,900,000	5,000	-	-	-
Hyland-Croy/McKittrick Road	50,000	-	1,220,000	-	-
I-270/US33 Interchange Improvements	11,165,000	-	-	-	-
Dublin Road/Glick Road	5,000	-	-	-	-
US 33/ST 161/Post Rd Interchange Improvements	2,600,000	-	85,000	-	-
<b>Multiuse Path Connections:</b>					
Dublin Road South	1,405,000	-	-	-	-
Glick Road	810,000	-	-	-	-
<b>Stormwater:</b>					
Stormwater Improvements	495,000	50,000	485,000	240,000	240,000
<b>Total Project Costs</b>	<b>\$ 80,120,000</b>	<b>\$ 35,835,000</b>	<b>\$ 25,720,000</b>	<b>\$ 23,805,000</b>	<b>\$ 13,745,000</b>

**2015 - 2019 Proposed Capital Improvements Program**  
 Recap of Recommended Projects, Cash Needs and Available Resources  
 (Income tax supported - excludes other sources of revenue)

**RECOMMENDED PROJECTS  
 AVAILABLE RESOURCES**

<u>Funding Source</u>	2015	2016	2017	2018	2019
Available Reserves	\$ 12,500,000	\$ 1,546,919	\$ 874,440	\$ 2,113,494	\$ 4,284,883
Income Taxes - Cash Capital Allocation	8,165,000	8,175,000	8,297,625	8,422,089	8,548,421
Income Taxes - Surplus from Allocation for Debt	8,010,069	5,899,896	5,630,929	5,770,925	6,154,429
Property Tax Revenue (Inside Millage - .6 mills)	2,700,000	1,160,000	1,160,000	1,160,000	1,160,000
Repayment of advances from TIF Funds	419,850	1,543,500	1,943,500	1,943,500	2,693,500
Interest Income-Capital Improvement Tax Fund	175,000	175,000	175,000	175,000	175,000
General Fund Advance to Capital Fund	-	-	-	-	-
<b>Non-Major Project Funding</b>					
Cemetery Fund (Parks Renovations/Rehab)	47,000	-	-	-	-
Hotel/Motel Tax Fund (Public Art Maintenance-Administration)	10,000	15,000	15,000	15,000	15,000
Hotel/Motel Tax Fund (Parks Renovations/Rehab)	173,000	250,000	-	-	-
TIF - Thomas/Kohler (IGS Park - Parks)	-	-	30,000	150,000	-
TIF - Pizzutti (Bikepath Connections - Transportation)	45,000	165,000	-	-	-
TIF - Rings/Frantz (Bikepath Connections - Transportation)	-	275,000	-	-	-
<b>Major Project Funding</b>					
Debt (Income Tax) - Municipal Facilities	9,685,000	-	-	3,300,000	-
Debt (Income Tax) - Riverside Drive Park	-	3,000,000	6,500,000	5,500,000	-
Debt (Income Tax) - Scioto River Pedestrian Bridge	-	15,000,000	-	-	-
Debt (Income Tax) - Riverside Drive Realignment	5,450,000	-	-	-	-
Debt (TIF) - Riverside Drive/SR 161 Roundabout	7,790,000	-	-	-	-
Debt (TIF) - John Shields Parkway Phase II	9,100,000	-	-	-	-
Debt (TIF) - I270/US 33 Interchange	8,000,000	-	-	-	-
General Fund Advance - John Shields Parkway Phase II	1,000,000	-	-	-	-
General Fund Advance - Frantz Road/Dublin Road Connector	2,650,000	55,000	-	-	-
General Fund Advance - West Innovation Park (Onsite)	800,000	-	-	-	-
General Fund Advance - West Innovation Park (Offsite)	150,000	-	-	-	-
General Fund Advance - Dale Drive/Tuller Road Connector	-	-	-	-	-
Hotel/Motel Fund - Fleet Management Program	15,000	-	15,000	-	-
Permissive Tax Funds - Avery-Muirfield/Tullymore/Valley Stream/Avery Rd	400,000	65,000	-	-	-
Permissive Tax Funds - Relocated Rings (Churchman)	350,000	250,000	100,000	-	-
Sewer Fund - Computer Hardware & Software	10,000	25,000	-	50,000	-
Sewer Fund - Fleet Management Program	-	-	450,000	-	-
State 629 Funds - West Innovation Park (Onsite)	1,500,000	-	-	-	-
State Capital Budget - Railroad Quiet Zone	485,000	-	-	-	-
State Highway Fund - Dublin Road/Glick Road	5,000	-	-	-	-
TIF - Vrable (Dale Drive/Tuller Road Connector)	-	-	-	-	-
TIF - Upper Metro (I270/US33 Interchange)	1,985,000	-	-	-	-
TIF - Perimeter West (33/161/Post Rd Ramps Intersection Imp)	-	-	85,000	-	-
TIF - Perimeter Center (Avery-Muirfield/Perimeter Loop/Perimeter Dr)	650,000	-	3,200,000	85,000	-
TIF - Lifetime (Sawmill Road/Hard Road)	1,400,000	5,000	-	-	-
<b>Total Available Resources</b>	<b>\$ 83,669,919</b>	<b>\$ 37,605,315</b>	<b>\$ 28,476,494</b>	<b>\$ 28,685,008</b>	<b>\$ 23,031,233</b>
Total Project Costs	(80,120,000)	(35,835,000)	(25,720,000)	(23,805,000)	(13,745,000)
Contingencies (2.5% of Project Cost)	(2,003,000)	(895,875)	(643,000)	(595,125)	(343,625)
Balance	1,546,919	874,440	2,113,494	4,284,883	8,942,608
Additional General Fund Reserves	-	-	-	-	-
Available Reserves to Carry Forward	\$ 1,546,919	\$ 874,440	\$ 2,113,494	\$ 4,284,883	\$ 8,942,608

# **3-Resources**

**2015– 2019  
Proposed Capital Improvements Program**

**Resources**

Resources	3-1
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**2015 - 2019 Proposed Capital Improvements Program Resources**

Description	2015	2016	2017	2018	2019	Total
<b>General Fund:</b>						
Allocation from reserves	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Advance	4,600,000	55,000	-	-	-	4,655,000
<b>Capital Improvements Tax Fund:</b>						
Reserves	12,500,000	-	-	-	-	12,500,000
Interest income	175,000	175,000	175,000	175,000	175,000	875,000
<b>Income tax revenue:</b>						
Income tax-cash capital allocation	8,165,000	8,175,000	8,297,625	8,422,089	8,548,421	41,608,135
Income tax-surplus from debt allocation	8,010,069	5,899,896	5,630,929	5,770,925	6,154,429	31,466,248
<b>Property tax revenue:</b>						
Capital Improvements Tax Fund	2,700,000	1,160,000	1,160,000	1,160,000	1,160,000	7,340,000
Parkland Acquisition Fund	650,000	650,000	650,000	650,000	650,000	3,250,000
<b>TIF Funds:</b>						
Existing balances and service payments						
Rings/Frantz (Fund #433)	1,900,000	275,000	-	-	-	2,175,000
McKittrick (Fund #421)	-	75,000	-	-	-	75,000
Pizzuti (Fund #416)	55,000	165,000	-	-	-	220,000
Thomas/Kohler (Fund #419)	970,000	-	30,000	150,000	-	1,150,000
Perimeter Center (Fund #425)	650,000	-	3,200,000	85,000	-	3,935,000
LifeTime Fitness (#447)	1,400,000	5,000	-	-	-	1,405,000
Perimeter West (Fund #431)	-	300,000	85,000	-	-	385,000
Upper Metro (Fund #432)	1,985,000	-	-	-	-	1,985,000
Bridge Street District (Fund #457)	-	-	900,000	100,000	-	1,000,000
Repayment of outstanding advances	419,850	1,543,500	1,943,500	1,943,500	2,693,500	8,543,850
<b>Debt:</b>						
Income tax repayment	15,135,000	18,000,000	6,500,000	8,800,000	-	48,435,000
TIF repayment	30,290,000	-	-	-	-	30,290,000
Sewer Fund repayment	3,000,000	-	250,000	1,500,000	250,000	5,000,000
<b>Other Funds:</b>						
Special Revenue Funds-						
State Highway Fund	5,000	-	-	-	-	5,000
Permissive Tax Fund	750,000	315,000	100,000	-	-	1,165,000
Hotel/Motel Tax Fund	198,000	265,000	30,000	15,000	15,000	523,000
Cemetery Fund	47,000	-	-	-	-	47,000
Enterprise Funds-						
Water Fund	560,000	1,480,000	270,000	1,080,000	200,000	3,590,000
Sewer Fund	410,000	425,000	850,000	450,000	400,000	2,535,000
<b>Other sources:</b>						
State Grants	1,500,000	-	-	-	-	1,500,000
State Capital Budget	485,000	-	-	-	-	485,000
<b>Total Resources</b>	<b>96,559,919</b>	<b>38,963,396</b>	<b>30,072,054</b>	<b>30,301,514</b>	<b>20,246,350</b>	<b>216,143,233</b>
<b>Total Proposed Funded Projects</b>						<b>202,720,000</b>
<b>Contingencies for Income Tax Funded Projects</b>						<b>4,480,625</b>
						<b>207,200,625</b>
<b>Difference between Resources and Proposed Funded Projects</b>						<b>\$ 8,942,608</b>
				Agrees with Recap of Recommended Projects, Cash Needs, and Available Resources		

**City of Dublin**  
**Estimated Resources Available For Capital Projects (Non-utilities)**  
**For The Years 2015 Through 2019**

Recap of Projected Reserves  
For The Years 2015 Through 2019

Year-end 2014	12,500,000 <sup>1</sup>	
Year-end 2015	0 <sup>2</sup>	
Year-end 2016	0 <sup>2</sup>	
Year-end 2017	0 <sup>2</sup>	
Year-end 2018	0 <sup>2</sup>	
Year-end 2019	<u>0 <sup>2</sup></u>	12,500,000

Recap of Estimated Income Tax  
 Allocated For Cash Capital Projects  
For The Years 2015 Through 2019

2015	8,165,000 <sup>3</sup>	
2016	8,175,000 <sup>3</sup>	
2017	8,297,625 <sup>3</sup>	
2018	8,422,089 <sup>3</sup>	
2019	<u>8,548,421 <sup>3</sup></u>	41,608,135

Recap of Surplus From Debt  
Allocated Income Tax

2015	8,010,069 <sup>4</sup>	
2016	5,899,896 <sup>4</sup>	
2017	5,630,929 <sup>4</sup>	
2018	5,770,925 <sup>4</sup>	
2019	<u>6,154,429 <sup>4</sup></u>	31,466,248

Recap of Estimated Interest  
Income for Capital Imp. Tax Fund

2015	175,000	
2016	175,000	
2017	175,000	
2018	175,000	
2019	<u>175,000</u>	875,000

Total Estimated Resources \$86,449,383

<sup>1</sup> Information from worksheet estimating reserves available at 12-31-14 (Current Year Fund Balance)  
 Does not include allocation from General Fund.  
<sup>2</sup> Information from worksheets estimating future reserves that will be available.  
<sup>3</sup> Information from taken from the Income Tax Revenue Projections schedule  
 included in the CIP.  
<sup>4</sup> Information taken from the Debt Service Payments Due schedule  
 included in the CIP.

**2015 - 2019  
PROPOSED FIVE-YEAR CAPITAL IMPROVEMENTS PROGRAM  
INCOME TAX REVENUE**

	2013	2014	2015	2016	2017	2018	2019
Income Tax Revenue*	\$82,105,370	\$85,000,000	\$81,650,000	\$81,750,000	\$82,976,250	\$84,220,894	\$85,484,207
Revenue for capital projects (25% of income tax revenue)	20,526,342	21,250,000	20,412,500	20,437,500	20,744,063	21,055,223	21,371,052
<sup>1</sup> Revenue available for cash capital projects	8,210,537	8,500,000	8,165,000	8,175,000	8,297,625	8,422,089	8,548,421
<sup>2</sup> Revenue available for debt financed projects	12,315,805	12,750,000	12,247,500	12,262,500	12,446,438	12,633,134	12,822,631
<sup>3</sup> Recommended maximum amount of outstanding debt	\$ 116,068,411	\$ 111,277,071	\$ 115,865,373	\$ 107,030,018	\$ 106,457,399	\$ 112,977,384	\$ 113,139,010

\* Income tax revenue for 2013 reflects actual collections.  
The remaining years reflect an estimated increase/decrease over the previous year as follows:

- 2014 - Based on a revised 2014 projection of 3.525% over 2013 actual collections (original projection \$76,475,000)
- 2015 - <3.9%>
- 2016 - 0.1%
- 2017 - 1.5%
- 2018 - 1.5%
- 2019 - 1.5%

- <sup>1</sup> 40% of the 25% designated for capital improvements is further designated for cash capital projects.
- <sup>2</sup> 60% of the 25% designated for capital improvements is further designated to retire debt issued for capital projects.
- <sup>3</sup> Forwarded from page 5-3. Amount is based on existing income tax supported debt and projections for additional debt that can be supported by income tax allocated for debt service.

**2015 - 2019**  
**PROPOSED FIVE-YEAR CAPITAL IMPROVEMENTS PROGRAM**  
**DEBT SERVICE PAYMENTS DUE**  
**(Income tax supported debt only)**

Debt Issue	2013	2014	2015	2016	2017	2018	2019
Community Recreation Center Expansion (2018)	\$ 281,472	\$ 279,753	\$ 280,583	\$ 278,172	\$ 268,092	\$ 191,012	\$ -
Scioto (Emerald Parkway) Bridge Construction (2017)	559,350	557,770	560,160	554,040	533,520	-	-
Avery-Mulfield/US 33 Interchange (2019)	575,150	575,050	574,750	574,250	575,775	577,000	575,700
Emerald Pkwy-Perimeter/Shier Rings (2019)	523,991	566,106	543,886	533,675	534,355	537,275	541,057
Service Complex expansion (2021)	275,557	278,219	276,257	276,530	276,598	275,233	274,107
Swimming Pool Construction (2025)	222,066	220,888	220,342	218,459	217,241	216,636	215,610
LED street lighting	133,550	265,600	266,250	261,850	261,775	266,550	261,850
Bridge Street District Land Acquisition (2033) <i>Future TIF</i>	-	143,035	150,200	150,100	150,000	149,900	244,800
Bridge Street District Land Acquisition (2019) <i>Future TIF</i>	-	228,546	245,013	241,638	243,263	242,513	148,988
<i>Justice Center Addition (2015)</i> <sup>2</sup>	-	-	716,690	716,690	716,690	716,690	716,690
<i>Riverside Dr Realignment (2015)</i> <sup>2</sup>	-	-	403,300	403,300	403,300	403,300	403,300
<i>Scioto River Pedestrian Bridge (2016)</i> <sup>3</sup>	-	-	-	1,200,000	1,200,000	1,200,000	1,200,000
<i>Riverside Drive Park (2016)</i> <sup>3</sup>	-	-	-	240,000	240,000	240,000	240,000
<i>Riverside Drive Park (2017)</i> <sup>3</sup>	-	-	-	-	520,000	520,000	520,000
<i>Riverside Drive Park (2018)</i> <sup>3</sup>	-	-	-	-	-	440,000	440,000
<i>Service Center Addition (2018)</i> <sup>3</sup>	-	-	-	500,000	500,000	264,000	264,000
<i>Reserved for US 33/SR 161/Post Interchange</i>	-	-	-	321,900	321,900	500,000	500,000
<i>Reserved for Elterman Road relocation</i>	-	-	-	-	-	321,900	321,900
<b>Total</b>	<b>\$ 2,599,111</b>	<b>\$ 3,128,954</b>	<b>\$ 4,237,431</b>	<b>\$ 6,470,604</b>	<b>\$ 6,962,509</b>	<b>\$ 7,062,009</b>	<b>\$ 6,868,002</b>
Income tax revenue available for debt retirement (from page 3-2)	\$ 12,315,805	\$ 12,750,000	\$ 12,247,500	\$ 12,262,500	\$ 12,446,438	\$ 12,633,134	\$ 12,822,631
Balance available <sup>4</sup>	\$ 9,716,694	\$ 9,621,046	\$ 8,010,069	\$ 5,791,896	\$ 5,483,929	\$ 5,571,125	\$ 5,954,629
Amount of additional debt that could be supported <sup>5</sup>	\$ 121,458,673	\$ 120,263,076	\$ 100,125,858	\$ 72,398,702	\$ 68,549,110	\$ 69,639,062	\$ 74,432,864
Recommended maximum amount of additional debt	\$ 109,312,806	\$ 108,236,768	\$ 90,113,272	\$ 65,158,831	\$ 61,694,199	\$ 62,675,156	\$ 66,989,577

<sup>1</sup> Beginning in 2011, the annual debt obligations will be paid from the Perimeter West TIF Fund.

<sup>2</sup> Estimated debt service obligations; Estimate assumes 20 year bonds at 4% and level payments.

<sup>3</sup> Estimated debt service obligations; Estimate assumes 20 year bonds a 5% and level payments.

<sup>4</sup> Funding not needed for debt service is utilized to fund cash basis projects.

<sup>5</sup> It is not recommended that the total amount be issued in long-term debt. 90% of amount of additional debt that could be supported is recommended.

Note - Payments include both principal and interest and fees, if applicable.

*Highlighted rows indicate anticipated future debt.*

**2015 - 2019**  
**PROPOSED FIVE-YEAR CAPITAL IMPROVEMENTS PROGRAM**  
**DEBT SERVICE PAYMENTS DUE**  
**(Debt supported by sources other than income tax revenue)**

	2013	2014	2015	2016	2017	2018	2019
<b>Service Payments</b>							
Emerald Parkway-Phase 2 (2016) <sup>1</sup>	\$ 654,040	\$ 646,240	\$ 548,420	\$ 494,000	\$ -	\$ -	\$ -
Rings Road Improvements (2020) <sup>1</sup>	271,128	270,479	269,358	274,081	274,890	276,874	279,391
Woerner-Temple Road (2020) <sup>2</sup>	445,136	480,900	462,007	448,662	449,263	452,222	455,572
Perimeter Drive extension (2020) <sup>1</sup>	303,697	302,971	301,714	305,874	305,777	308,990	311,802
Emerald Parkway-Phase 7A (2020) <sup>1</sup>	156,422	156,048	155,048	155,678	156,137	157,264	158,695
Industrial Parkway/SR 161 Improvements <sup>1</sup>	671,190	666,753	661,631	660,031	658,356	657,106	665,206
Emerald Parkway-Phase 8 <sup>3</sup> (2033)	-	174,029	182,825	182,725	182,625	182,525	277,425
Emerald Parkway-Phase 8 <sup>3</sup> (2019)	-	284,543	300,175	301,050	296,850	299,850	205,500
I-270/US 33/SR 161 Interchange-Phase 1 (2023) <sup>1</sup>	-	1,035,813	1,038,075	1,035,475	1,037,725	1,036,100	1,037,825
Emerald 8 (Riverside/Tuller/John Shields Pkwy) (2034) <sup>3</sup>	-	-	399,600	399,600	399,600	399,600	399,600
Riverside Dr/161 Roundabout (2034) <sup>3</sup>	-	-	576,460	576,460	576,460	576,460	576,460
I-270/US 33/SR 161 Interchange-Phase 1 (2034) <sup>3</sup>	-	-	592,000	592,000	592,000	592,000	592,000
John Shields Parkway Phase II (2034) <sup>3</sup>	-	-	673,400	673,400	673,400	673,400	673,400
	<b>\$ 2,501,613</b>	<b>\$ 2,697,420</b>	<b>\$ 6,161,065</b>	<b>\$ 6,099,036</b>	<b>\$ 5,604,083</b>	<b>\$ 5,612,391</b>	<b>\$ 5,632,876</b>
<b>Special Assessments</b>							
Tuller Road (2014)	\$ 107,480	\$ 106,400	\$ -	\$ -	\$ -	\$ -	\$ -
Ballantree Improvements (2021)	128,299	129,537	128,624	128,752	128,784	128,148	127,624
	<b>\$ 235,779</b>	<b>\$ 235,937</b>	<b>\$ 128,624</b>	<b>\$ 128,752</b>	<b>\$ 128,784</b>	<b>\$ 128,148</b>	<b>\$ 127,624</b>
<b>Property Taxes (Inside millage)</b>							
Parkland acquisition-Coffman Park (2020)	\$ 225,243	\$ 242,632	\$ 233,445	\$ 236,700	\$ 238,820	\$ 239,540	\$ 240,520
Metro Park contribution (2017)	385,000	385,000	385,000	385,000	385,000	-	-
Reserved for US 33/SR 161/Post interchange	-	-	-	1,540,000	1,540,000	1,540,000	1,540,000
	<b>\$ 610,243</b>	<b>\$ 627,632</b>	<b>\$ 618,445</b>	<b>\$ 2,161,700</b>	<b>\$ 2,163,820</b>	<b>\$ 1,779,540</b>	<b>\$ 1,780,520</b>
<b>Hotel/Motel Tax Revenues</b>							
Arts Facility (2020)	\$ 162,277	\$ 161,889	\$ 161,217	\$ 162,254	\$ 162,734	\$ 163,909	\$ 165,400
	<b>\$ 5,840,187</b>	<b>\$ 6,053,000</b>	<b>\$ 9,273,427</b>	<b>\$ 10,759,018</b>	<b>\$ 10,308,697</b>	<b>\$ 9,377,729</b>	<b>\$ 8,757,471</b>

<sup>1</sup> Service payments are sufficient or exceed annual debt service obligations.

<sup>2</sup> Annual service payments are not sufficient to retire the annual debt. Additional amounts will be advanced from the General Fund and then repaid during the term of the TIF.

<sup>3</sup> Estimated debt service obligations; Estimate assumes 20 year bonds at 4% and level payments.

Highlighted rows indicate anticipated future debt.

**2015 - 2019 Proposed Capital Improvements Program  
Debt Proceeds**

<b>Proposed Project</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>
<u>Long-Term Bonds-Retired by Income Taxes</u>					
Justice Center Renovation	\$ 9,685,000	\$ -	\$ -	\$ -	\$ -
Scioto River Pedestrian Bridge	-	15,000,000	-	-	-
Riverside Drive Park	-	3,000,000	6,500,000	5,500,000	-
Riverside Drive Realignment	5,450,000	-	-	-	-
Service Center Renovations	-	-	-	3,300,000	-
<b>Total - Retired by Income Taxes</b>	<b>\$15,135,000</b>	<b>\$18,000,000</b>	<b>\$6,500,000</b>	<b>\$8,800,000</b>	<b>\$ -</b>
<u>Long-Term Bonds-Retired by Utility Revenues</u>					
<b>Sewer lining and repairs (Sewer Fund)</b>	<b>\$ 3,000,000</b>	<b>\$ -</b>	<b>\$ 500,000</b>	<b>\$1,500,000</b>	<b>\$500,000</b>
<u>Long-Term Bonds-Retired by TIF Revenues</u>					
Emerald 8/Riverside Drive Realignment (River	\$ 5,400,000	\$ -	\$ -	\$ -	\$ -
John Shields Parkway Phase II	9,100,000	-	-	-	-
I270/US33 Interchange Construction	8,000,000	-	-	-	-
Riverside Drive/SR 161 Roundabout	7,790,000	-	-	-	-
<b>Total - Retired by TIF Revenues</b>	<b>\$30,290,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>

**2015 - 2019 Proposed Capital Improvements Program  
Property Tax Revenue-Inside Millage**

Millage 1.75  
Assessed value \$1,934,716,900

Current distribution-

Parkland Acquisition Fund 0.35 mills  
Capital Improvements Tax Fund<sup>1</sup> 0.8 mills Debt Funding  
Capital Improvements Tax Fund<sup>2</sup> 0.6 mills Cash Funding

Funding allocation	2015	2016	2017	2018	2019
Parkland Acquisition Fund	\$ 670,000	\$ 670,000	\$ 670,000	\$ 670,000	\$ 670,000
Capital Improvements Tax Fund <sup>1</sup>	-	1,540,000	1,540,000	1,540,000	1,540,000
Capital Improvements Tax Fund <sup>2</sup>	2,700,000	1,160,000	1,160,000	1,160,000	1,160,000
<b>Total</b>	<b>\$ 3,370,000</b>				

<sup>1</sup> These funds are reflected in the **Debt Service Payments Due** schedule and are currently identified as "Reserved" for the US 33/SR 161/Post Road Interchange project.

<sup>2</sup> Millage allocated for cash capital funding . The distribution will be reviewed as part of the 2015-2019 CIP Funding can still be used for Parkland Acquisition from the Capital Improvements Tax Fund.

**Schedule of Service Payments to be Received from TIF Districts  
Funds were originally advanced from the Capital Imp. Tax Fund**

TIF Project	2014		2015		2016		2017		2018		2019		Balance at 12/31/2019
	Balance at 12/31/2013	Advances Repaid	Balance at 12/31/2014	Advances Repaid	Balance at 12/31/2015	Advances Repaid	Balance at 12/31/2016	Advances Repaid	Balance at 12/31/2017	Advances Repaid	Balance at 12/31/2018	Advances Repaid	
Thomas/Kohler TIF(1)	\$ 1,515,000	\$ -	\$ 1,515,000	\$ -	\$ 1,515,000	\$ 515,000	\$ 515,000	\$ -	\$ -	\$ -	\$ -	\$ 1,000,000	\$ -
Thomas/Kohler TIF(1) - \$3 million	3,000,000	-	3,000,000	-	3,000,000	485,000	3,000,000	-	2,515,000	1,000,000	1,515,000	1,000,000	515,000
Perimeter West TIF	3,938,638	-	3,938,638	-	3,938,638	-	2,600,000	-	2,600,000	-	2,600,000	-	2,600,000
Rings/Frantz (Nationwide) TIF(2)	433,500	70,000	363,500	70,000	293,500	70,000	3,938,638	-	3,938,638	-	3,938,638	-	3,938,638
Historic Dublin TIF	1,095,340	-	1,095,340	-	1,095,340	-	223,500	-	153,500	70,000	83,500	70,000	13,500
Emerald-Phase 5(3)	1,702,500	-	1,702,500	-	1,095,340	-	1,095,340	-	1,095,340	-	1,095,340	-	1,095,340
Emerald-Phase 8	1,702,500	-	1,702,500	-	2,000,000	-	2,000,000	-	2,000,000	-	2,000,000	-	2,000,000
Shamrock Blvd. TIF	8,162,000	-	8,162,000	-	1,702,500	-	1,702,500	-	1,702,500	-	1,702,500	-	1,702,500
Tartan West TIF(4)	-	-	-	-	8,162,000	-	8,162,000	-	7,912,000	250,000	7,662,000	-	6,962,000
Perimeter Center TIF	-	-	-	-	-	-	-	-	300,000	-	300,000	300,000	-
Russell TIF	-	-	-	-	-	-	-	-	550,000	-	550,000	-	550,000
Perimeter Loop(5)	679,200	35,000	644,200	35,000	609,200	35,000	574,200	-	539,200	35,000	504,200	35,000	469,200
Lifetime Fitness TIF(6)	1,200,000	-	1,200,000	-	1,700,000	150,000	1,550,000	-	1,400,000	150,000	1,250,000	150,000	1,100,000
Ireland Place TIF	49,937	3,500	46,437	3,500	42,937	3,500	39,437	-	35,937	3,500	32,437	3,500	28,937
River Ridge TIF(8)	2,593,000	-	2,593,000	-	2,593,000	-	2,593,000	-	2,593,000	-	2,593,000	-	2,593,000
Shamrock Crossing TIF(9)	1,387,900	-	1,387,900	60,000	1,327,900	60,000	1,267,900	-	1,207,900	60,000	1,147,900	60,000	1,087,900
Bridge and High TIF	3,997,150	-	3,997,150	75,000	3,922,150	75,000	3,847,150	-	3,772,150	75,000	3,697,150	75,000	3,622,150
Dublin Methodist Hospital TIF(10)	276,350	100,000	176,350	176,350	-	-	-	-	-	-	-	-	-
Frantz/Dublin Road TIF	228,560	-	228,560	-	228,560	-	228,560	-	228,560	-	228,560	-	228,560
Pizzuti TIF	900,000	-	1,200,000	-	1,950,000	150,000	1,800,000	-	1,500,000	300,000	1,200,000	300,000	900,000
Bridge Street TIF	2,090,000	-	2,090,000	-	2,090,000	-	2,530,000	-	2,530,000	-	2,530,000	-	2,530,000
Rings Road	-	-	-	-	-	-	250,000	-	250,000	-	250,000	-	250,000
Frantz/Dublin Rd. (Cardinal South) T OU TIF	-	-	-	-	5,000	-	55,000	-	-	-	-	-	250,000

Total \$ 33,249,075 \$ 208,500 \$ 35,340,575 \$ 419,850 \$ 38,775,725 \$ 1,543,500 \$ 37,972,225 \$ 1,943,500 \$ 36,823,725 \$ 1,943,500 \$ 34,880,225 \$ 2,693,500 \$ 32,186,725

2015 - 2019  
 PROPOSED FIVE-YEAR CAPITAL IMPROVEMENTS PROGRAM  
 WATER FUND  
 STATEMENT OF PROJECTED REVENUE, EXPENSE, AND FUND BALANCE

	2014	2015	2016	2017	2018	2019
<b>Revenues:</b>						
User charges	\$ 590,000	\$ 667,775	\$ 621,614	\$ 574,728	\$ 578,794	\$ 582,859
Tap fees	400,000	207,900	207,900	207,900	207,900	207,900
Interest	76,000	176,838	185,804	180,154	184,330	173,755
Fire hydrant permits	1,800	1,000	1,000	1,000	1,000	1,000
Other revenue	1,890,900					
Subsidy for debt service	-	-	-	-	-	-
	<u>2,958,700</u>	<u>1,053,513</u>	<u>1,016,319</u>	<u>963,782</u>	<u>972,023</u>	<u>965,514</u>
<b>Expenses:</b>						
Salaries/wages	123,850	128,804	133,956	139,314	144,887	150,682
Benefits/uniforms	44,590	46,374	48,229	50,158	52,164	54,251
Utilities	154,500	160,680	167,107	173,791	180,743	187,973
Equipment maintenance	50	53	56	60	63	67
Contract services	247,200	50,000	50,000	50,000	50,000	50,000
Hydrant maintenance	48,500	50,440	52,458	54,556	56,738	59,008
Other	19,600	15,000	15,000	15,000	15,000	15,000
	<u>638,290</u>	<u>451,351</u>	<u>466,806</u>	<u>482,879</u>	<u>499,595</u>	<u>516,980</u>
Capital expenditures	1,233,200	560,000	1,480,000	270,000	1,080,000	200,000
<b>Debt service:</b>						
1994 issue	356,440	-	-	-	-	-
2009 issue	1,844,066	136,113	139,763	138,338	140,963	134,463
2012 issue	160,213	158,313	156,413	158,963	156,463	159,413
	<u>2,360,719</u>	<u>294,426</u>	<u>296,176</u>	<u>297,301</u>	<u>297,426</u>	<u>293,876</u>
Net cash (required) provided	(1,273,509)	(252,263)	(1,226,663)	(86,397)	(904,998)	(45,342)
Advances-out	-	-	-	-	-	-
Advances-in	850,000	650,000	650,000	164,750	-	-
Transfers-out	-	-	-	-	-	-
Transfers-in	200,000	200,000	200,000	200,000	200,000	200,000
Beginning balance	<u>12,012,716</u>	<u>11,789,207</u>	<u>12,386,944</u>	<u>12,010,281</u>	<u>12,288,634</u>	<u>11,583,636</u>
Ending balance	<u>\$ 11,789,207</u>	<u>\$ 12,386,944</u>	<u>\$ 12,010,281</u>	<u>\$ 12,288,634</u>	<u>\$ 11,583,636</u>	<u>\$ 11,738,294</u>

2015 - 2019  
 PROPOSED FIVE-YEAR CAPITAL IMPROVEMENTS PROGRAM  
 SEWER FUND  
 STATEMENT OF PROJECTED REVENUE, EXPENSES, AND FUND BALANCE

	2014	2015	2016	2017	2018	2019
<b>Revenues:</b>						
User charges	\$ 1,826,500	\$ 1,797,068	\$ 1,854,023	\$ 1,911,703	\$ 1,928,546	\$ 1,945,390
Tap fees	170,000	243,100	243,100	243,100	243,100	243,100
Interest	46,700	53,094	41,735	30,456	16,856	10,451
Other	1,898,500	-	-	-	-	-
Income tax subsidy	-	-	-	-	-	-
	<u>3,941,700</u>	<u>2,093,261</u>	<u>2,138,857</u>	<u>2,185,259</u>	<u>2,188,502</u>	<u>2,198,941</u>
<b>Expenses:</b>						
Salaries/wages	637,725	663,234	689,763	717,354	746,048	775,890
Benefits/uniforms	231,920	241,197	250,845	260,878	271,314	282,166
Utilities	50	53	56	60	63	67
Contract services	265,050	50,000	50,000	50,000	50,000	50,000
Repairs/maintenance	23,500	150,000	150,000	150,000	150,000	150,000
Other	21,500	15,000	15,000	15,000	15,000	15,000
	<u>1,179,745</u>	<u>1,119,484</u>	<u>1,155,664</u>	<u>1,193,292</u>	<u>1,232,425</u>	<u>1,273,123</u>
Capital expenditures (cash funded only)	499,700	400,000	400,000	600,000	400,000	150,000
<b>Debt service:</b>						
USWBI	1,350,721	1,350,721	1,350,721	1,350,721	675,560	-
2009 issue	2,028,578	150,825	149,325	152,825	150,200	148,625
2012 issue <sup>1</sup>	170,100	168,100	171,050	168,425	170,750	168,550
2015 issue	-	240,000	240,000	240,000	240,000	240,000
2017 issue	-	-	-	40,000	40,000	40,000
2018 issue	-	-	-	-	120,000	120,000
2019 issue	-	-	-	-	-	40,000
	<u>3,549,398</u>	<u>1,909,646</u>	<u>1,911,096</u>	<u>1,951,971</u>	<u>1,396,510</u>	<u>757,175</u>
Net cash (required) provided	(1,287,143)	(1,335,868)	(1,327,902)	(1,560,003)	(840,433)	18,643
Advances-out	-	-	-	-	-	-
Advances-in	-	-	-	-	-	-
Transfers-out	-	-	-	-	-	-
Transfers-in	200,000	200,000	200,000	200,000	200,000	200,000
Beginning balance	<u>6,396,498</u>	<u>5,309,355</u>	<u>4,173,487</u>	<u>3,045,584</u>	<u>1,685,581</u>	<u>1,045,148</u>
Ending balance	<u>\$ 5,309,355</u>	<u>\$ 4,173,487</u>	<u>\$ 3,045,584</u>	<u>\$ 1,685,581</u>	<u>\$ 1,045,148</u>	<u>\$ 1,263,791</u>

**2015-2019 Proposed Capital Improvements Program  
Intergovernmental Revenue**

**State Grants/Funding**

Description	2015	2016	2017	2018	2019
<b>Grants</b>					
629 Roadway grant (West Innovation Park Infrastructure)	\$ 1,500,000	\$ -	\$ -	\$ -	\$ -
<b>Total Grants</b>	<b>1,500,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>State Capital Budget</b>					
Railroad quiet zone project	485,000	-	-	-	-
<b>Total State Capital Budget</b>	<b>485,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Total State grants/funding</b>	<b>\$ 1,985,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>

**Other Government Funding**

Description	2015	2016	2017	2018	2019
<b>Franklin County-</b>					
Permissive Tax Funding	\$ 400,000	\$ 65,000	\$ -	\$ -	\$ -
<b>Total Other Government Funding</b>	<b>400,000</b>	<b>65,000</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Total Intergovernmental funding</b>	<b>\$ 2,385,000</b>	<b>\$ 65,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>

**2015 - 2019 Proposed Capital Improvements Program  
Permissive Tax Revenue**

**\$5 Permissive Tax Fund Held By Franklin County**

Description	2014	2015	2016	2017	2018	2019
Beginning Balance	\$ 268,449	\$ 408,449	\$ 148,449	\$ 223,449	\$ 363,449	\$ 503,449
Estimated (Actual) Revenue	140,000	140,000	140,000	140,000	140,000	140,000
Total Resources	408,449	548,449	288,449	363,449	503,449	643,449
Estimated Expenditures (1)	-	400,000	65,000	-	-	-
Ending Balance	\$ 408,449	\$ 148,449	\$ 223,449	\$ 363,449	\$ 503,449	\$ 643,449

(1) 2015 Funding: \$400,000 for the Avery-Muirfield/Tulleymore/Valley Stream/Avery Road intersection project  
2016 Funding: \$65,000 for the Avery-Muirfield/Tulleymore/Valley Stream/Avery Road intersection project (landscaping)

**Permissive Tax Fund (Fund 216) Held By Dublin**

Description	2014	2015	2016	2017	2018	2019
Beginning Balance	\$ 734,781	\$ 671,685	\$ 266,685	\$ 126,685	\$ 36,685	\$ 46,685
Advance	-	-	2,000,000			
Estimated Revenue (1)	110,000	110,000	110,000	110,000	110,000	110,000
Total Resources	844,781.06	781,685.03	2,376,685.03	236,685.03	146,685.03	156,685.03
Repayment of Advance	-	-		100,000	100,000	100,000
Estimated Expenditures (2)	173,096	515,000	2,250,000	100,000	-	-
Ending Balance	\$ 671,685	\$ 266,685	\$ 126,685	\$ 36,685	\$ 46,685	\$ 56,685

(1)-50% Permissive Tax Fee and Interest Income

(2)-The City's obligation to "repay" to Franklin County Dublin's share of Tuttle widening project.  
Amount to be repaid is \$1,000,000 (\$167,000 per year from 2010 - 2015).

2014 Funding: \$6,096.03 for Hirth/Woolpert

2015 Funding: \$350,000 for Relocated Rings Road (Churchman Road)

2016 Funding: \$2,250,000 for Relocated Rings Road (Churchman Road)

2017 Funding: \$100,000 for Relocated Rings Road (Churchman Road)

Note: Any shortage that occurs in either of the above will be off-set with income tax revenues or the above available funds.

# **4-Administration**

CITY OF DUBLIN  
CAPITAL IMPROVEMENT PROJECTS  
2015-2019

PROJECT NO.	PROJECT DESCRIPTION	PRIOR YEARS (\$'000)	2014	2015	2016	2017	2018	2019	TOTAL 15-19	BEYOND 2019	TOTAL TO BE BUDGETED
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**ADMINISTRATION / NONMAJOR PROJECTS**

AL1501	Land Acquisition	0	500	500	500	500	500	500	2,500	0	2,500
AU1501	Utility Service Improvements	0	0	0	0	0	400	400	800	0	800
AB1501	Building Maintenance/Renovations	0	960	680	340	155	195	120	1,490	0	1,490
New	Public Art Maintenance	0	10	10	15	15	15	15	70	0	70
AB0802	Technology Improvements - Dublin	788	120	120	120	120	120	120	600	120	720
AB1402	Dublin/Ignite	0	520	350	375	250	125	125	1,225	300	1,525
AA1501	Contingencies	0	225	225	225	225	225	225	1,125	0	1,125
8/7/2014	<b>TOTAL</b>	<b>788</b>	<b>2,335</b>	<b>1,885</b>	<b>1,575</b>	<b>1,265</b>	<b>1,580</b>	<b>1,505</b>	<b>7,810</b>	<b>420</b>	<b>8,230</b>

**ADMINISTRATION / MAJOR PROJECTS**

AL1502	Parkland Acquisition	0	650	650	650	650	650	650	3,250	0	3,250
AI1501	Computer Hardware/Software	0	1,255	1,200	1,100	1,100	1,070	1,035	5,505	0	5,505
	Municipal Facilities	2,351	0	0	0	0	0	0	0	0	0
	5800 Building	0	70	0	0	0	0	0	0	1,500	1,500
AB0601	Fleet (Salt Barn)	0	0	0	250	0	0	0	250	0	250
	Justice Center	0	355	9,685	0	0	0	0	9,685	1,800	11,485
	Service Center	0	0	350	0	0	3,300	0	3,650	0	3,650
	DCRC	0	600	650	0	0	0	0	650	0	650
	Fleet Management Program-Vehicles:										
AV1501	Replacement Vehicles	0	1,115	1,430	1,275	1,630	1,140	1,260	6,735	0	6,735
	New Vehicles	0	0	35	80	0	0	0	115	0	115
	Fleet Management Program-Equipment:										
AV1503	Replacement Equipment	0	410	275	430	380	395	20	1,500	0	1,500
	New Equipment	0	0	100	0	0	0	0	100	0	100
AB1301	Bridge Street District	810	1,720	500	500	500	500	500	2,500	0	2,500
EW1501	Allocation for Water Extensions	0	200	200	200	200	200	200	1,000	0	1,000
ES1502	Allocation for Sewer Extensions	0	200	200	200	200	200	200	1,000	0	1,000
8/7/2014	<b>TOTAL</b>	<b>3,161</b>	<b>6,575</b>	<b>15,275</b>	<b>4,685</b>	<b>4,660</b>	<b>7,455</b>	<b>3,865</b>	<b>35,940</b>	<b>3,300</b>	<b>39,240</b>

- Projected increase
- Projected decrease
- Shift in project year
- New Project

CITY OF DUBLIN  
 CAPITAL IMPROVEMENT PROJECTS  
 2014-2018

PROJECT NO.	PROJECT DESCRIPTION	PRIOR YEARS (\$000)	2013	2014	2015	2016	2017	2018	TOTAL 14-18	BEYOND 2018	TOTAL TO BE BUDGETED
<b>ADMINISTRATION / NONMAJOR PROJECTS</b>											
AL1401	Land acquisition	0	0	500	500	500	500	500	2,500	0	2,500
AU1401	Utility service improvements	0	0	0	400	400	400	400	1,600	0	1,600
AB1401	Building maintenance/renovations	0	900	915	205	90	50	0	1,260	0	1,260
AB0802	Technology improvements	743	115	135	135	120	120	120	630	120	750
AB1402	Dublink/Ignite	0	0	520	280	250	50	50	1,150	0	1,150
AA1401	Contingencies	0	225	225	225	225	225	225	1,125	0	1,125
9/9/2013	<b>TOTAL</b>	<b>743</b>	<b>1,240</b>	<b>2,295</b>	<b>1,745</b>	<b>1,585</b>	<b>1,345</b>	<b>1,295</b>	<b>8,265</b>	<b>120</b>	<b>8,385</b>

PROJECT NO.	PROJECT DESCRIPTION	PRIOR YEARS (\$000)	2013	2014	2015	2016	2017	2018	TOTAL 14-18	BEYOND 2018	TOTAL TO BE BUDGETED
<b>ADMINISTRATION / MAJOR PROJECTS</b>											
AL1402	Parkland acquisition	0	650	650	650	650	650	650	3,250	0	3,250
AI1401	Computer hardware/software	0	990	1,255	1,270	970	925	920	5,340	0	5,340
AB0601	Municipal facilities	1,475	735	0	0	0	0	0	0	0	0
	5800 Building renovations	0	55	0	0	300	0	0	300	4,500	4,800
	Justice Center addition	0	0	5,520	0	0	0	0	5,520	0	5,520
	Service Center addition	0	0	0	170	0	0	0	170	2,460	2,630
	DCRC renovations	0	0	840	0	0	0	0	840	0	840
AV1401	Fleet management program-vehicles	0	210	1,115	965	1,950	865	875	5,770	0	5,770
AV1403	Fleet management program-equipment	0	270	410	490	350	170	245	1,665	0	1,665
AB1301	Bridge Street District	0	750	500	500	500	500	500	2,500	0	2,500
EW1401	Allocation for Water Extensions	0	0	200	200	200	200	200	1,000	0	1,000
ES1402	Allocation for Sewer Extensions	0	0	200	200	200	200	200	1,000	0	1,000
9/9/2013	<b>TOTAL</b>	<b>1,475</b>	<b>3,660</b>	<b>10,690</b>	<b>4,445</b>	<b>5,120</b>	<b>3,510</b>	<b>3,590</b>	<b>27,355</b>	<b>6,960</b>	<b>34,315</b>



**City of Dublin  
2015 – 2019 Capital Improvements Program**

**Administration – Non-Major Projects**

**AL1501**     **Land acquisition** – Funding is allocated for potential land acquisition to take advantage of opportunities that may develop over the course of the five year CIP.

**AU1501**     **Utility service improvements** – The City has allocated \$400,000 annually for utility service improvements. The funding normally allocated in 2014 has been moved to Transportation for the cost of additional utility burial associated with the Coffman/Brand Road roundabout; funding in 2015 has been moved to Transportation to assist with the cost of utility burial along the last stretch of Post Road, and funding in 2016 and 2017 has been moved to the 270/33 Interchange Project.

Allocations for utility service improvements of \$400,000 programmed for 2018 through 2019 have not been prioritized.

**AB1501**     **Building maintenance/renovations** – This request provides allocations for necessary maintenance to City buildings. The amount requested for **2015** is broken down as follows:

<b>Location</b>	<b>Description</b>	<b>Amount</b>
Municipal Building	Paint and seal exterior woodwork and install entrance bollards	\$18,000
	Tax window ballistic glass installation	7,900
5800 Building	Repair exterior brown painted surfaces and update wall-mount	5,000
	Security camera upgrade in lobby and parking lot	18,000
	Update remaining ceiling tile	5,000
Fleet Building	Renovation of locker rooms	8,500
	Replace south overhead doors	14,500
Parks	Replace shaker roof in Wyndham Park	12,000
	Renovations (painting, lighting, roof, etc.) in park barns	15,000
Recreation Center (DCRC)	Exterior building lighting upgrades	10,000
	HVAC – cooling tower or geothermal system	400,000
South Pool	Pool resurfacing	37,500



**City of Dublin  
2015 – 2019 Capital Improvements Program**

<b>Location</b>	<b>Description</b>	<b>Amount</b>
Various City Buildings	Small in-house renovations	15,000
	HVAC and pump replacement	25,000
	Carpet and other flooring replacements	50,000
	Painting and patching walls as needed	30,000
Chamber of Commerce Building	Paint building and repair sidewalk by front porch	11,000
	Adjustment for rounding	(2,400)
<b>Total</b>		<b>\$680,000</b>

**AB0802**     **Technology Improvements–Dublink** - Funds have been allocated based on a forecasted need to continually update, extend and enhance the City's fiber optic system. This includes system extensions, laterals, data center enhancements and connectivity.

**AB1502**     **Dublink/Ignite** – Funding provides fiber to the office solution for small to medium size businesses which will provide a suite of services not currently available in the marketplace. Services provided will include access to software solutions, cloud computing, data center services, Ohio SuperComputer, Ohio Academic Research Network, City WiFi, data analytics, and high speed/high capacity internet. These services will help keep aging office buildings competitive as well as attract, retain, and expand companies in the information technology cluster. Funding is higher in the first few years to provide base infrastructure as well as jump start the project.

**NEW**         **Public Art Maintenance** – Funds are allocated for performance of on-going maintenance, repair and restoration of public art work owned by the City.

**AA1501**     **Contingencies** – Funds are allocated for change orders related to projects that are carried over from one year to the next or minor projects that were unanticipated. \$225,000 is allocated each year.



## 2015 - 2019 Capital Improvements Program

### Administration – Major Projects

#### Parkland Acquisition (Project #AL1502)

The amount programmed is based on estimated revenue in the Parkland Acquisition Fund. The majority of the revenue credited to this fund is from property tax revenue generated from the City's inside millage. The property tax revenue from the City's inside millage (1.75 mills) was allocated 100 percent to the Parkland Acquisition Fund from 2001-2006. Beginning in 2007, the City began allocating .95 mills of the total 1.75 mills to the Parkland Acquisition Fund and the remaining .80 mills was allocated to the Capital Improvements Tax Fund. In 2010, the City began allocating 1.4 mills to the Capital Improvements Tax Fund and the remaining .35 mills to the Parkland Acquisition Fund. Although this allocation is reviewed and can be changed annually, as part of the 2013 – 2017 CIP, Council approved the current allocation through 2017.

The funding in the Parkland Acquisition Fund can be used for the acquisition of parkland, open space and/or sites for recreational facilities. Prior to the acquisition of land, legislation authorizing the acquisition is required to be adopted by City Council.

The funding programmed also provides for the City's annual commitment of \$385,000 to the Franklin County Metropolitan Park District and the annual debt service payments on the debt issued to acquire the land for the expansion of Coffman Park. The final debt service payment for the expansion of Coffman Park will be made in 2020 and the final payment to the Metro Parks is scheduled to be made in 2017.

The following provides a recap of estimated revenues available less committed obligations:

	2015	2016	2017	2018	2019
Estimated revenue	\$650,000	\$650,000	\$650,000	\$650,000	\$650,000
Less:					
Payment to Metro Parks	(385,000)	(385,000)	(385,000)	---	---
Debt service	<u>(233,445)</u>	<u>(236,700)</u>	<u>(238,820)</u>	<u>(239,540)</u>	<u>(240,520)</u>
Estimated balance available	\$31,555	\$28,300	\$26,180	\$410,460	\$409,480

As discussed in previous years, staff is recommending that the Parkland Acquisition Fund be utilized to acquire rights-of-way and/or easements for bikepath connections.



## **2015 – 2019 Capital Improvements Program**

### **Administration – Major Projects**

#### **Municipal Facilities (Project #AB0601)**

Based on past City Council goals and recommendations included in the adopted Community Plan, the site for a future Municipal Building has been acquired. The annual debt service payments on the debt issued to acquire the site is programmed in the Parkland Acquisition Fund.

Funds programmed in 2015 provide for major renovations to the Justice Center including a two story addition and an expansion of the Communications area. Expansion is necessary to support the growth of the City and for providing dispatching services to other entities. The cost of this expansion will be taken into consideration when determining the rates charged to participating entities for dispatching services. Funding is also included for a basement “shell” with potential funding for build-out of the basement beyond 2019 as space is needed.

Also included in 2015 is funding to replace a portion of the Dublin Community Recreation Center (DCRC) roof, and to replace skylights in the pools, fitness, entry corridor and roof pyramid.

A master plan for the potential construction of a two story addition and warehouse to the Service Center is also funded in 2015. Funding for the addition is shown in 2018 but will be re-evaluated pursuant to completion of the master plan. Funding in 2016 is included for a larger capacity salt barn to be constructed in the Service Center complex.

Funding was approved in 2014 to improve the entry area in the City’s 5800 Building. The interior redesign will improve way-finding in the building, and enhance work flow and interaction between departments. Funding beyond 2019 is earmarked for evaluation of possible future renovation of the building.



## **2015 - 2019 Capital Improvements Program**

### **Administration – Major Projects**

#### **Bridge Street District (Project #AB1301)**

The Bridge Street District continues to be a significant focus area in 2015. Funding is provided to continue progress in the Bridge Street District to develop a sustainable, walkable, urban community for Bridge Street/State Route 161 from Interstate 270 to Sawmill Road, including the Dublin Historic District.

The development and redevelopment opportunities of key sites will be the focus in creating an exciting, innovative and vibrant environment and to seek ways to better capitalize on one of the City's most treasured assets, the Scioto River.

An allocation has been programmed in 2015 through 2019 for additional improvements in this area in addition to specific projects programmed in other departments/divisions.



## **2015 - 2019 Capital Improvements Program**

### **Administration – Major Projects**

#### **Allocation for Water Extensions (Project #EW1501)**

An allocation has been programmed in each of the next five years to provide funding for water extensions to areas that need direct access to the public water system. Extensions of the water line will be prioritized based on inspection data and evaluation provided by the Franklin County Board of Health as well as Council policy.



## **2015 - 2019 Capital Improvements Program**

### **Administration – Major Projects**

#### **Allocation for Sewer Extensions (Project #ES1502)**

This allocation has been programmed in each of the next five years to provide funding for sewer extensions to areas that need direct access to the public sewer system. Extensions of the sewer line will be prioritized based on inspection data and evaluation provided by the Franklin County Board of Health as well as Council policy.



## **2015 – 2019 Capital Improvements Program**

### **Administration – Major Projects**

#### **Computer Hardware and Software (Project #AI1501)**

The annual requests reflect the Five-Year Technology Strategic Plan that has been developed by the Director of Information Technology. Detailed justifications are attached for 2015.

# Information Technology 5 Year Budget Plan 2014 - 2018 PROPOSED



Dept / Div	2015		2016	
<b>Citywide</b>	Enhance Document Imaging	\$10,000	Cityworks/Service Request enhancements	\$10,000
	Interactive Voice Response(IVR) enhancement	\$10,000		
	Industry Weapon software for Communication	\$10,000	Enhance Collaboration Technology	\$10,000
	Adobe Acrobat Licenses	\$10,000		
	Citywide WIFI/Broadband enhanced utilization	\$36,000	Citywide WIFI/Broadband enhanced utilization	\$36,000
	Network Management/security upgrade	\$26,000	Network Management/security upgrade	\$26,000
	Network connection-water towers/traffic signals	\$45,000	Network connection-water towers/traffic signals	\$45,000
	Server Hardware upgrades	\$36,000	Server upgrades to virtual and storage upgrades	\$36,000
	Virtual, Voice, Mobile Applications	\$26,000	Virtual Desktops/mobiles/voice	\$26,000
	Security cameras	\$15,000	Security cameras	\$10,000
	Microsoft Enterprise Agreement/Licensing	\$120,000	PC's operating systems/office suite/Email	\$120,000
	Network Storage Upgrades	\$60,000	Network Storage Upgrades	\$40,000
	Infrastructure Changes for regional agencies	\$10,000	Infrastructure Changes for regional agencies	\$10,000
	Email Communications for Seasonal staff	\$20,000	Email Communications for Seasonal staff	\$20,000
	GIS Enhancement/data warehousing	\$26,000	GIS Enhancement/data warehousing	\$26,000
	Aerial Photos	\$40,000	Aerial Photos	\$40,000
	Mobile Smartphone/Tablet Applications	\$10,000	Mobile Smartphone/Tablet Applications	\$10,000
	PC Replacement	\$80,000	PC replacement	\$75,000
	Printers	\$70,000	Printers	\$60,000
	Monitors, cabling, additional phone equipment	\$30,000	Monitors, cabling, additional phone equipment	\$20,000
	Mobile Devices to enable workforce mobility	\$60,000	Mobile Device Replacements	\$30,000
	Misc. Hardware/software	\$10,000	Misc. hardware/software	\$26,000
<b>Admin Services</b>	Enhancements to Contract Mgt solution	\$10,000		
	Open Data Project for Transparency	\$10,000	Open Data Project for Transparency	\$10,000
	Projection System in CH Planning (in Facilities Budget)			
<b>Legislat. Affairs</b>	Council Chambers AV improvements (in Facilities?)	\$30,000		
<b>Volunteer Services</b>	Enhancement to Volunteer systems	\$10,000	Virtual Volunteer Center Development	\$25,000
	Mobile Check in (included in Citywide)			
<b>Events</b>			Events Technology Enhancements	\$20,000
			Meeting Matrix Software with DCRC	\$7,500
<b>Economic Dev</b>	Printer Replacement (included in Citywide)			
	Additional Turning Point Devices	\$1,500		
<b>Facilities</b>	Service Building Renovations Hardware	\$10,000	Facilities Software Utilization/enhancements	\$7,500
	Mobile Workforce Enhancements (included in Citywide)			
<b>Court Services</b>			Court Technology Enhancements	\$10,000
<b>Community Rel</b>	Enhance Internet/Intranet/Community Rel	\$10,000	Enhance Internet/Intranet/Community Rel	\$15,000
	Laptops for Emergency Preparedness (included in Citywide)		Remote Control Camera	\$2,500
	Large Monitors for Employee Communication	\$7,000		
	Plotter (move from storage)			
<b>Planning</b>	Eplan Utilization/Enhancements	\$15,000	Eplan Utilization/Enhancements	\$10,000
	Customer Service/ Web Services Enhancements	\$10,000	Monitors:Standardize for use with Eplan	\$10,000
<b>Finance</b>	New Finance ERP solution	\$660,000	Enhancements to Finance ERP system	\$10,000
	HR/Payroll solution	\$100,000	Enhancements to Income Tax system	\$7,500
			Enhancements to HR/Payroll	\$7,500
<b>Human Res</b>	Training Area Hardware	\$10,000	Enhancements to HR Management System	\$10,000
			Training Area Enhancements	\$10,000
<b>IT</b>	Support Services remodel/expand storage space (in facilities)		Issues Tracking and Customer Service Solutions	\$20,000
<b>Police</b>	Police Records/Dispatch enhancements	\$20,000	Police Records/Dispatch enhancements	\$20,000
			Relationship Analytics	\$15,000
	Mobile computers upgrade (10)	\$50,000	Mobile computers upgrade (10)	\$50,000
	Cruiser mounts/console equipment	\$20,000	Building Renovation Hardware	\$35,000
	Regional Dispatching Records Interfacing	\$40,000	Cruiser mounts/console equipment	\$20,000
	Printers and Bar Code readers in cars	\$30,000	Remote Control Camera	\$2,500
			Regional Dispatching Records Interfacing	\$30,000
<b>S&amp;U</b>	Enhance sewer inspection software	\$10,000	Sewer Inspection Software replace	\$25,000
<b>Fleet</b>	Fuel system Software Upgrade (Ward4)	\$45,000	Fuel system Software Upgrade (Ward4)	\$45,000
	Fleet Management (Faster) Software upgrade	\$87,000		
	Mobile Workforce Enhancements (in Citywide)		GPS/AVL Enhancements (see fleet budget for hardware)	
<b>Engineering</b>	Mobile Workforce Enhancements (in Citywide)		Enhancements to Project Software	\$7,500
	Project Mgt for Planning and Design	\$25,000		
	Appia Construction Mgt/Bid Express	\$14,000		
	Eplan Utilization/Enhancements	\$15,000	Eplan Utilization/Enhancements	\$10,000
	Traffic Signal Communication	\$15,000	Traffic Signal Communication	\$15,000
	Syncro	\$3,500		
<b>Bldg Stds</b>	Eplan Enhancements	\$10,000	Eplan Utilization/Enhancements	\$10,000
	Front Lobby Counter Improvements (hardware)	\$15,000	Customer Service Web Expansion	\$20,000
	Customer Service Web Enhancements (GovNow)	\$10,000		
<b>Parks &amp; Open Space</b>	Mobile Workforce Enhancements (in Citywide)		Cemetery Management System Enhancement	\$5,000
<b>Recreation Svcs</b>	Customer Service Enhancements	\$20,000	Upgrade to RecTrac Management System Enhanc	\$25,000
	Outdoor pools technology enhancement	\$10,000	Outdoor pools technology enhancement	\$10,000
	Theater Online Ticketing Sales	\$10,000	Meeting Matrix Software Replace	\$10,000
		\$1,988,000		\$1,197,500
Reduction (paid in 2014)	Highlighted figures total:	\$735,000		\$1,197,500
		\$1,233,000		\$97,500
Budget Committee Adjustment		(\$33,000)		
<b>Budget Amount</b>		<b>\$1,200,000</b>		<b>\$1,100,000</b>

**Information Technology 5 Year Budget Plan  
2014 - 2018 PROPOSED**



**Dept / Div**  
Citywide

	2017	2018	2019
		Cityworks/Service Request Enhancements \$7,500	
Document Scanning Enhancements	\$10,000		
Adobe Acrobat Licenses	\$10,000		
Citywide WIFI/Broadband enhanced utilization	\$35,000	Citywide WIFI/Broadband enhanced utilization \$35,000	Citywide WIFI/Broadband enhanced utilization \$35,000
Network Management/security upgrade	\$25,000	Network Management/security upgrade \$25,000	Network Management/security upgrade \$25,000
Network connection-water towers/traffic sign	\$45,000	Network connection-water towers/traffic sign \$45,000	Network connection-water towers/traffic sign \$45,000
Server upgrades to virtual and storage upgrade	\$35,000	Server upgrades to virtual and storage upgrade \$35,000	Server upgrades to virtual and storage upgrade \$35,000
Virtual Desktops/mobiles/voice	\$25,000	Virtual Desktops/mobiles/voice \$25,000	Virtual Desktops/mobiles/voice \$25,000
Security cameras	\$5,000	Security cameras \$10,000	Security cameras \$5,000
PC's operating systems/office suite/Email	\$120,000	PC's operating systems/office suite/Email \$120,000	PC's operating systems/office suite/Email \$120,000
Network Storage Upgrades	\$40,000	Network Storage Upgrades \$40,000	Network Storage Upgrades \$40,000
Infrastructure Changes for regional agencies	\$10,000	Infrastructure Changes for regional agencies \$10,000	Infrastructure Changes for regional agencies \$10,000
Email Communications for Seasonal staff	\$20,000	Email Communications for Seasonal staff \$20,000	Email Communications for Seasonal staff \$20,000
GIS Enhancement/data warehousing	\$25,000	GIS Enhancement/data warehousing \$25,000	GIS Enhancement/data warehousing \$25,000
Aerial Photos	\$40,000	Aerial Photos \$40,000	Aerial Photos \$40,000
Mobile Smartphone/Tablet Applications	\$10,000	Mobile Smartphone/Tablet Applications \$10,000	Mobile Smartphone/Tablet Applications \$10,000
PC replacement	\$75,000	PC replacement \$75,000	PC replacement \$75,000
Printers	\$50,000	Printers \$50,000	Printers \$50,000
Monitors, cabling, additional phone equipment	\$15,000	Monitors, cabling, additional phone equipment \$15,000	Monitors, cabling, additional phone equipment \$10,000
Mobile Device Replacements	\$50,000	Mobile Device Replacements \$25,000	Mobile Device Replacements \$25,000
Misc. hardware/software	\$25,000	Misc. hardware/software \$25,000	Misc. hardware/software \$25,000
Admin Services	Enhancements to Contract Mgt solution \$10,000	Enhancements to Open Data Solution \$10,000	
Legislat. Affairs			
Volunteer Services		Volunteer System Enhancements \$7,500	
Events	Plotter Replacement \$25,000	Events technology enhancements \$15,000	Events technology enhancements \$7,500
Economic Dev			
Facilities	Security camera enhancements \$10,000		Security camera enhancements \$15,000
Court Services	Records Mgmt enhancement \$10,000	PCs/laptops for Court staff (\$8,000) (Court Fund)	Records Mgmt enhancement \$10,000
Community Rel	Enhance Internet/Intranet/Community Rel \$15,000	Enhance Internet/Intranet/Community Rel \$25,000	Enhance Internet/Intranet/Community Rel \$25,000
Planning		Planning Review/Code Enf enhancement \$25,000	
Finance	Enhancements to Finance ERP system \$25,000 Time Scheduling System \$15,000	Enhancements to Income Tax systems \$15,000	Enhancements to Financial applications \$25,000 Enhancements to time&attendance \$25,000 Enhancements to Payroll application \$10,000
Human Res	HR management system enhancements \$10,000	Photo ID enhancements \$5,000	Enhancements to HR Management System \$15,000
IT			
Police	Police Records/Dispatch/Mobile enhancement \$20,000 EOC: Management Software \$15,000 Mobile computers upgrade (10) \$50,000 High Resolution displays for cruisers(10) \$20,000 Cruiser mounts/console equipment \$20,000 Regional Dispatching Interfacing \$25,000 Building Renovation Hardware \$15,000	Police Records/Dispatch/Mobile enhancement \$25,000 Mobile computers upgrade (10) \$50,000 High Resolution displays for cruisers(10) \$20,000 Cruiser mounts/console equipment \$15,000 Communication center upgrades \$30,000 Enhance cruiser digital camera system(5) \$35,000	Police Records/Dispatch/Mobile enhancement \$25,000 Mobile computers upgrade (10) \$50,000 Cruiser mounts/console equipment \$15,000 Cruiser WIFI/AVL enhancements \$15,000 Mapping/GPS/Crime Analysis \$25,000
S&U		Enhance sewer inspection technology \$50,000	
Fleet	Fleet/Fuel system enhancements \$10,000 Enhanced mobile device / GPS utilization \$10,000	Fleet/Fuel system enhancements \$10,000	Fleet/Fuel system enhancements \$10,000 Enhanced mobile device / GPS utilization \$10,000
Engineering		Engineering applications/enhancements \$25,000 Traffic Signal Communication \$15,000	Plotter \$25,000 CAD / ArcView upgrade/enhancement \$10,000 Traffic Signal Communication \$15,000
Bldg Stds		Web application enhancements \$25,000	Review Services/BldgStds counter enhancement \$25,000 Electronic Plan Review enhancements \$25,000
Parks & Open Space		Cemetery system enhancements \$5,000	
Recreation Svcs	Customer Service enhancements \$5,000 Outdoor pools technology enhancement \$5,000 Chip and Pin Credit Card Scanners \$15,000	Customer Service/Registration enhancement \$20,000 Outdoor pools technology enhancement \$5,000	Customer Service enhancements \$20,000 Outdoor pools technology enhancement \$10,000
Reduction (paid in 2014)	\$1,100,000	\$1,070,000	\$1,032,500
Budget Committee Adjustment	\$1,100,000	\$1,070,000	\$1,032,500
<b>Budget Amount</b>	<b>\$1,100,000</b>	<b>\$1,070,000</b>	<b>\$1,035,000</b>

The Technology CIP report reflects the projects required to address maintenance and enhancements, account for expansion of resources and emerging technologies, and to advance requests for new solutions. Projects are aligned with departmental goals and those of City Council. Fiscal health and economic vitality; livable, sustainable and safe; civic engagement; public services and infrastructure; and smart, customer-focused government.

- **Enhance Document Imaging \$10,000**  
Document imaging applications have grown rapidly as the processing efficiencies, ease of information access and enhanced work flow have been realized by a variety of City divisions. Document imaging growth is planned for the upcoming year as new imaging needs are identified.
- **Enhance Interactive Voice Response (IVR) \$10,000**  
An interactive voice response (IVR) system is a phone technology that allows a telephone caller to select options from a voice menu and interact with the phone system to process a transaction. This solution is currently in place for building inspections. Increased and expanded use is anticipated in 2015 and beyond.
- **Internal Communications Tool: Industry Weapon Digital Signage \$10,000**  
This product will be used in conjunction with Large Screen Monitors to display important City information for internal staff (i.e., City news, HBC requirements, deadlines for paperwork, upcoming events, etc.) The solution provides an easy method for managing the content, and allows multiple messages from multiple sources to display. The monitor in the Service Center, for instance can display targeted messages relating to snow removal, as well as Citywide messages from Community Relations.
- **Large Monitors for use with Communications Solution \$7,000**  
These monitors will be used in conjunction with the Content Management System. They will be placed in City Buildings where employees congregate and display important City information for internal staff (i.e., City news, HBC requirements, deadlines for paperwork, upcoming events, etc.)
- **Adobe Software Licenses \$10,000**  
The growing use of Adobe products and prevalence of Adobe pdf documents has prompted the need for a more advanced license type. Requested by City Manager's office.
- **Citywide Wi-Fi / Broadband enhanced utilization \$35,000**  
Expanding the use of our citywide Wi-Fi / Broadband infrastructure is a continuous effort. High speed wireless connectivity to our city network opens up numerous areas for us to improve our efficiency, safety, and enhance our customer service. These funds allow us to install traffic cameras; provide a means to deploy cameras in areas that see spikes in criminal activity; additional traffic control communication; camera deployment for intersection observation; monitoring of equipment sensors; and coordinate fiber uses with other entities. These funds will also support the communication needs of our increasing mobile workforce.



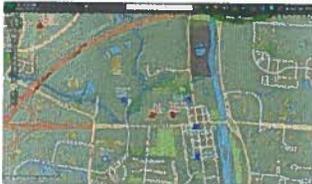
- **Network Management/Security Upgrades \$25,000**  
Network monitoring tools, security appliances, software licensing, etc.
- **Network Connection-Water Towers/Traffic Signals \$45,000**  
To supply fiber or wireless connection to key remote buildings, facilities, and traffic signals, enabling a variety of technology use that would be otherwise disconnected.
- **Server Hardware Upgrades and Network Storage Upgrades \$35,000/\$50,000**  
Our use of virtual servers rather than physical systems has been very successful. This allows us to more readily respond to expanding needs and be more environmentally friendly. Keeping this environment at the most optimal level is a continual effort.  
**Storage Upgrades:**
  - This is needed each year due to the ever increasing disk space needs and processing for new and upgraded applications. Base requirements increase every year.
  - This allows us to remain current on our applications and meet the requirements to perform eligible upgrades
  - This will allow us to accommodate increasing storage and backup needs.
  - We can add disk storage to keep short term backups and store files for our applications and customers.
  - These enhancements will allow us to cooperate in joint ventures with other entities for items such as backup planning, remote connectivity, possible disaster recovery sites, radio communication, 911 backups, etc.
- **Virtual, Voice, Mobile Applications \$25,000**  
Includes Upgrades and enhancements to telephone software and mobile device capabilities for laptops, phones and tablets to enhance end user computing without a desktop product. Our IP phone applications need this for software upgrades.
- **Security Cameras \$15,000**  
Storage, Licensing and Connectivity costs associated with the addition and implementation of security cameras though out the city.
- **Microsoft Enterprise Agreement/Licensing \$120,000**  
The Microsoft operating system, Office Suite (Servers, Word, Excel, Access, Outlook, Windows, Visio, PowerPoint, Project, and other Microsoft applications) are licensed yearly for all of the city's user accounts. Office 365, our online suite of collaborative products is now included in this line item, replacing the previous Email Suite. Every time we grow, this cost gets impacted. It affects servers, applications, users, etc.
- **Infrastructure Changes for Regional Agencies \$10,000**  
As we add dispatching agencies, we have virtual private network hardware that needs to be purchased to establish secure connectivity to the agencies.
- **Email Accounts for Seasonal Staff \$20,000**  
In an effort to provide the most effective communication possible, a request has been made to supply Microsoft email accounts to all seasonal staff.



- **GIS Enhancement / Data Warehousing \$25,000**

This budget item is to allow for maintaining a high standard and performing upgrades to our enterprise GIS server architecture. This includes our data storage system, data modeling, data analysis through server based geoprocessing and data dissemination (web GIS). New areas it will help us address are street networking, routing, AVL data processing (to be used by Emergency Services, Streets and Utilities, Community Relations and the public) and 3D data analysis/presentation (used by LULRP, Engineering and the public). We also intend to create efficiencies by creating links between GIS and other enterprise data.

- **Aerial Photography for GIS \$40,000**



With the continued growth and aging of our City, aerial photography linked to GIS mapping provides a tremendous analytical tool for LU & LRP, Engineering, Streets & Utilities, Parks, Police and Finance.

Planning uses digital aerial photography on a daily basis to analyze development sites and to illustrate field conditions. This data is also used to track the status of development over time by comparing orthophotography flown in different years. This digital photography is also useful for Code Enforcement as well to establish certain dates of violations.

- **Mobile (smartphone/tablet) Applications \$10,000**

The use of applications to enhance the processing of our mobile workforce and to increase citizen access to information and their ability to transact business with the City is an ongoing effort. IT will work with the Community Relations web design staff to develop these applications.

- **PC Replacement \$80,000**

Our PC rotation plan is to replace our staff PC equipment when it is 3 - 4 years old. Requests have been made for additional PC's in 2015.

- **Printer Replacement \$70,000**

Printers are replaced, based on service call analysis and usage. In 2015 we will be replacing 6 printers.

- **Mobile Workforce Enhancements \$50,000**

City Departments are embracing the concept of the mobile workforce to increase efficiency and effectiveness in their areas. The purchase of mobile devices and replacement devices will remain constant over the next few years, as we roll out the technology to those areas committed to the adoption of the mobile office.

- **Enhance Contracts Management Application \$10,000**

A citywide contracts management application is planned for 2014. This application will enable efficiencies and consistencies through contract templates and workflows. Enhancements or additional licenses are anticipated for 2015.



- **Council Chambers Hardware Updates \$30,000 (place holder, could be in Facilities)**  
Updates to Chamber Audio Visual systems (if purchased in 2014, then this item will be removed).
- **Open Data Project \$10,000**  
Members of our GIS, IT, Community Relations and City Manager's Office have been meeting to discuss Open Data, and Dublin's potential role in the movement. Open Data involves making City data readily available for public consumption (search, view, analyze, download) with the goal of providing transparency, empowering citizens and hopefully spurring innovation within the community.
- **Enhance Volunteer Systems \$10,000**  
A personnel management system is used by Volunteer Services to maintain volunteer records, and to track volunteer efforts and hours. Enhancements are anticipated in 2015 to provide limited access to records for other City divisions.
- **Service Building Renovation Hardware \$10,000**  
To support expected renovations to the Crew Leader Area at the Service Center.
- **Electronic Plan Review Utilization/enhancements \$15,000**  
Implementation of EPlan began in 2012 for the plan review services area. In 2015 they will continue to refine processes, roll out advanced uses and incorporate other work units to the process.
- **Finance ERP Solution \$560,000 (if purchased in 2014, then this item will be removed)**  
An integrated Enterprise Resource Planning (ERP) System that will support Dublin's staff in the delivery of City of Dublin services and activities, take advantage of best practices, and significantly improve the efficiency and effectiveness of Dublin's administrative processes. Particularly in the areas of Accounts Payable, Bank Reconciliation, Budgeting, Cash Management/Receipting, Fixed Assets, General Ledger, Billing and A/R.
- **HR/Payroll Solution \$100,000 (if purchased in 2014, then this item will be removed)**  
Our present Payroll application was acquired in 1997. An upgrade to the current application technology and hardware platform is desired that is integrated with a Human Resources Management system. This will drastically improve processing efficiencies and information consistency with the associated Payroll and HR activities. Improved functionality would include: Employee and manager self-service and access to their information, Consistent application of policies thereby reducing compliance risks, Direct integration with the time and attendance system, Integration and collaboration with HR processes, Current application and hardware technology for a long term solution.
- **Training Area Hardware \$10,000**  
Additional Training Laptops were requested for safety training.



- **Police Division technology**

- **Police Records/Dispatch Enhancements \$20,000**

- In 2014, the Police Records/Dispatch/Mobile and Reporting systems were upgraded to with the latest version, moving to a different technology platform. Expanded and enhanced use is expected in 2015.

- **Mobile Computers Upgrade \$50,000**

- Laptops assigned to front line cruisers are in use between 16 and 24 hours every day. In addition, these units are taken in and out of the cruiser several times a day to take incident and crash reports in the field. Every officer relies on these units for dispatching data, criminal history data and to take all incidents and crash reports as those processes are paperless. A plan to replace half of these systems every other year is proposed.

- **Cruiser mounts/console equipment \$20,000**

- These funds are used for replacement of the electronics and physical docking stations that hold the laptop computer in the trunk of a cruiser and remote the screen and keyboard functions for use by the officer.

- **Regional Dispatching Records Interfacing and connectivity \$40,000**

- With the continued efforts to partner with other agencies on technology projects, it will be necessary to ensure connectivity between our partners and the Dublin data center. Although the partner agencies will bear the cost of this connectivity, these funds will ensure that we will be able to accept those connections efficiently and effectively. It is expected that these costs will be recovered through the contract terms executed with each partner agency.

- **Printers and Bar Code Readers in Cars \$30,000**

- With the implementation of the new Computer Aided Dispatch and Police Records Management software, it will now be possible to utilize the bar code/mag stripe on the Ohio driver's license to transfer data in the police car. Once that data is transferred, it will then be possible to generate and print impound slips, property receipts, traffic citations and other documents in the field. These funds will purchase the hardware necessary to allow this capability in the 23 front line police cruisers.

- **Enhance Sewer Inspection technology \$10,000**

- Enhancements to the video inspection system for water and sewer infrastructure is anticipated for 2015.

- **Fuel System Software Upgrade \$45,000**  
(if purchased in 2014, then this item will be removed)

- An application that records the actual routes of the City vehicles via GPS communication gives us access to location-based, time sensitive information about the mobile workers and the associated assets via Internet access. Public inquiry to this data could be enabled. If the GPS solution selected is EJ Ward, an upgrade to the EJ Ward Fuel system will be necessary.



- **Upgrade the FASTER Fleet Management Solution \$87,000**  
Upgrading and enhancing our Fleet Management systems will improve staff productivity with mobile technician workstations; provide a desired Web Based user interface for ease of use in mobile environments, as well as the added bonus for IT of no client software to install. This upgrade brings the software to the latest version, which comes with desired new features and better functionality.
- **Engineering Project Management Solution \$25,000**  
Desired to help manage and report on multiple engineering projects, to increase consistency and provide meaningful analysis.
- **Appia Construction Management and Bid Express Web Solutions \$14,000**  
Requested by Engineering, this is a hosted solution for construction program administration. The Appia system can manage the business processes of the construction cycle – estimation, bid management and construction
- **Traffic Signal Communication \$15,000**  
Enabling more traffic signal communication to control and monitor intersections is desired for 2015.
- **Building Standards; Front Lobby Counter Improvements \$15,000**  
Improvements to counter to enhance customer experience. Hard ware and cabling handled by IT, physical structure changes in Facilities budget
- **Customer Service Web Enhancements \$10,000**  
For Planning and Building Standards; Enhancements and improvements to the Gov Now Web site for customer interaction are anticipated in 2015 and beyond.
- **Customer Service /Registration & Outdoor pools technology enhancements \$30,000**  
Recreation Services uses the RecTrac and WebTrac applications (from Vermont Systems) to process all programs, memberships, registrations, sales and reporting. Customer interactions with the DCRC staff and the registration website rely on these solutions and their hardware. Regular upgrades/updates to both software and hardware allow us to keep current and provide a good customer experience.
- **Theater Online Ticket Sales \$10,000**  
The ability to purchase Abbey Theater tickets online is desired, and a solution will be investigated in 2015





## 2015 – 2019 Capital Improvements Program

### Administration -Major Projects

#### Fleet Management Program – Replacements (Project #AV1501)

The Fleet Management program was implemented to provide a replacement cycle that ensures the ongoing reliability and safety of the City's fleet that is necessary to provide quality services. The program's goal is to provide efficient fleet and equipment, and to maximize the return to the City on vehicle disposal.

Revised in May 2006 and updated in 2011, vehicles are scheduled for replacement based on years of service and/or mileage. Based on additional evaluations of the City's fleet, some vehicles have been moved back based on low usage and condition. Final determination for replacement will be made by the Fleet Manager based on a physical evaluation of the vehicle and a recently implemented and revised points system. The amount programmed for each department by year is listed below.

The City will continue to identify areas of reduction through the use of pool cars as well as savings through "right sizing" its fleet based on the need of the end user. Also, the City will continue to replace its vehicles, whenever appropriate, with compressed natural gas (CNG) and other alternative fuel vehicles to continue to work towards Council's goal of environmental sustainability.

<b><u>Dept./Div.</u></b>	<b><u>2015</u></b>	<b><u>2016</u></b>	<b><u>2017</u></b>	<b><u>2018</u></b>	<b><u>2019</u></b>
Streets/Utilities	\$995,000	\$735,000	\$660,000	\$705,000	\$765,000
Development	84,000	140,000	385,000	70,000	225,000
Parks/Recreation	175,000	191,000	375,000	220,000	110,000
Police	140,000	140,000	105,000	145,000	160,000
Facilities	70,000	70,000	35,000	0	0
Miscellaneous	0	80,000	70,000	0	0
Rounding	1,000	(1,000)	0	0	0
<b>Total</b>	<b>\$1,465,000</b>	<b>\$1,355,000</b>	<b>\$1,630,000</b>	<b>\$1,140,000</b>	<b>\$1,260,000</b>



## 2015 - 2019 Capital Improvements Program

### Administration -Major Projects

### Fleet Management Program – Equipment (Project #AV1503)

The equipment request includes:

<u>Dept./Div.</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>
Streets/Utilities	\$170,000	\$90,000	\$130,000	\$--	\$--
Engineering	23,000	--	--	--	--
Building Standards	--	--	--	--	--
Parks and Open Space	182,000	340,000	250,000	395,000	20,000
Police	--	--	--	--	--
Facilities	--	--	--	--	--
Administration	--	--	--	--	--
<b>Total replacement</b>	<b>\$275,000</b>	<b>\$430,000</b>	<b>\$380,000</b>	<b>\$395,000</b>	<b>\$20,000</b>
<b>Total additional (NEW)</b>	<b>100,000</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>
<b>Total</b>	<b>\$375,000</b>	<b>\$430,000</b>	<b>\$380,000</b>	<b>\$375,000</b>	<b>\$20,000</b>

**A breakdown of 2015 equipment includes (all replacements except where indicated):**

#### Streets and Utilities

Trailer Replacement  
 Broom Sweeper for 2 ton (NEW)  
 JD Tractor w/mower  
 Float Trailer Replacement

#### Engineering

Message Board

#### Parks and Open Space

Replace 3-Point Toro Blower  
 Replace Pull-Behind Seeder  
 Replace 2 Sod Cutters  
 Replace Dakota Topdesser  
 Groundmaster-Winter Power Unit (NEW)  
 Trailer Replacement  
 Replace Slice Seeder

# **5-Parks and Recreation Non-Major**

CITY OF DUBLIN  
 CAPITAL IMPROVEMENT PROJECTS  
 2015-2019

PROJECT NO.	DESCRIPTION	PRIOR YEARS (\$000)	2014	2015	2016	2017	2018	2019	TOTAL 15-19	BEYOND 2019	TOTAL TO BE BUDGETED
<b>PARKS &amp; RECREATION / NONMAJOR PROJECTS</b>											
AR1501	Park Renovations / Improvements	0	630	640	650	650	650	650	3,240	0	3,240
GR1011	Llewellyn Farms South Park	0	0	0	0	100	0	0	100	0	100
GR1113	IGS Park (TIF)	161	0	0	0	30	150	0	180	0	180
GR1201	Dublin Arts Council Site Renovations	100	15	250	0	0	0	0	250	725	975
GR1401	Wallace Tract	0	0	0	300	0	0	120	420	0	420
GR1402	Brandon Pond Fishing Pier	0	55	0	0	0	0	0	0	0	0
GR1403	Outdoor Exercise Equipment	0	35	0	20	0	0	0	20	0	20
GR1404	Obstacle Course	0	40	215	0	0	0	0	215	0	215
<b>NEW</b>	<b>Sycamore Ridge Park</b>	0	0	0	0	15	0	0	15	130	145
<b>GR1115</b>	<b>DCPN (North Pool)</b>	390	0	0	0	0	55	115	170	0	170
8/7/2014	<b>TOTAL</b>	<b>651</b>	<b>775</b>	<b>1,105</b>	<b>970</b>	<b>795</b>	<b>855</b>	<b>885</b>	<b>4,610</b>	<b>855</b>	<b>5,465</b>

- Projected increase
- Projected decrease
- Shift in project year
- New Project

CITY OF DUBLIN  
 CAPITAL IMPROVEMENT PROJECTS  
 2014-2018

PROJECT NO.	DESCRIPTION	PRIOR YEARS (\$000)	2013	2014	2015	2016	2017	2018	TOTAL 14-18	BEYOND 2018	TOTAL TO BE BUDGETED
<b>PARKS &amp; RECREATION / NONMAJOR PROJECTS</b>											
AR1401	Park renovations/improvements	0	460	630	450	450	550	450	2,530	0	2,530
GR0108	Ballantrae Park	5,814	0	0	0	0	0	0	0	405	405
GR1011	Llewellyn Farms South Park	0	0	0	0	0	100	0	100	0	100
GR1012	Emerald Parkway Bridge Park	16	435	0	0	0	0	0	0	0	0
GR1113	IGS Park (TIF)	153	0	0	0	0	150	0	150	0	150
GR1301	Cramer Crossing Reserve East	0	75	0	0	0	0	0	0	0	0
GR1201	Dublin Arts Council Site renovations	80	35	15	90	0	250	0	355	0	355
GR1202	Scioto Park restrooms	46	435	0	0	0	0	0	0	0	0
GR1401	Wallace tract	0	0	10	0	0	0	0	10	0	10
GR1402	Brandon Pond fishing pier	0	0	55	0	0	0	0	55	0	55
GR1403	Outdoor exercise equipment	0	0	35	0	0	0	0	35	0	35
GR1404	Obstacle course	0	0	255	0	0	0	0	255	0	255
9/9/2013	<b>TOTAL</b>	<b>6,109</b>	<b>1,440</b>	<b>1,000</b>	<b>540</b>	<b>450</b>	<b>1,050</b>	<b>450</b>	<b>3,490</b>	<b>405</b>	<b>3,895</b>



## 2015 – 2019 Capital Improvements Program

### Parks and Recreation - Non-Major Projects

**AR1501** **Park Renovation/Improvements** – Funding is programmed for renovation/ improvements to various existing parks. The maintenance and rehabilitation of the City's parks is an important part of the Parks CIP. The following renovations and improvements are programmed in **2015**:

Location	Description	Amount
Monterey Park	Tennis court resurface	\$22,000
Hawks Nest	Basketball court resurface	15,000
Trinity Park	Basketball court resurface	15,000
Coffman Park/Wyndham Park	Stone wall repairs	25,000
Glick Road Fountain	Replace pump vault/repairs	40,000
Community Garden	Fencing	10,000
Indian run Falls	Replace stairs/railings	28,670
Dublin Cemetery	Rebuild stone walls along Bridge St.	35,000
	Replace door #1 on mausoleum	7,800
	Replace door #2 on mausoleum	3,860
Coffman Heritage House	Fence replacement	16,000
Grounds of Remembrance	Rail system	6,000
Amberleigh Park	Boardwalk/bridge resurface/sealing	10,000
Shawan Falls Drive	Redesign/rehab traffic island	32,000
Bristol Commons	Playground	201,000
Llewellyn Farms South	Split rail fence repair	1,400
Watch House	Redesign and reconstruction	173,000
Rounding		(1,730)
<b>Total</b>		<b>\$640,000</b>

**GR1011** **Llewellyn Farms South Park** – Funding is programmed in 2017 for the development of a comfort area to include an internal path system, picnic grove, site furnishings and landscaping.

**GR1113** **IGS Park** – Per the Economic Development Agreement (EDA), land for the park was provided by IGS Energy (Interstate Gas Supply). Prior to 2014, a bikepath and bridge, and picnic grove area were constructed. Funds programmed in 2017 and 2018 provide for a second internal bridge connecting IGS to the park once their building expansion is completed.

# **6-Parks and Recreation Major**



## **2015 – 2019 Capital Improvements Program**

### **Parks and Recreation - Non-Major Projects**

- GR1201** **Dublin Arts Council site renovations** – Funds included in 2015 are for a major retaining wall reconstruction and associated site restoration. ADA parking for the lower level is also programmed in 2015. All remaining non-essential projects are deferred until the status of the building is determined.
- GR1401** **Wallace tract** – Funding programmed in 2016 includes design and construction of a dog park with parking lot. 2019 includes restoration of a degraded natural environment outside of the dog park perimeter.
- GR1402** **Brandon Pond fishing pier** – Funding programmed in 2014 is for the construction of a fishing pier to be used for fishing and wildlife observation.
- GR1403** **Outdoor exercise equipment** – Funding is provided in 2016 for outdoor exercise equipment (site to be determined) in a second location within the City's park system.
- GR1404** **Obstacle course** – Funds are programmed in 2015 to provide for opportunities for active children, families, and adults with the construction of a linear seven station obstacle course.
- NEW** **Sycamore Ridge Park** – Funding in 2017 is provided for design and construction of public improvements which may include a dog park.
- GR1115** **Dublin Community Pool North Renovation** – Funding in 2018 and 2019 includes design and construction of a baby pool area to include shade and fencing.

CITY OF DUBLIN  
 CAPITAL IMPROVEMENT PROJECTS  
 2015-2019

PROJECT NO.	DESCRIPTION	PRIOR YEARS (\$000)	2014	2015	2016	2017	2018	2019	TOTAL 15-19	BEYOND 2019	TOTAL TO BE BUDGETED
<b>PARKS &amp; RECREATION / MAJOR PROJECTS</b>											
GR9901	Darree Fields Development	5,927	65	660	0	0	120	1,400	2,180	1,005	3,185
GR9903	Amberleigh Community Park	2,290	320	0	0	0	0	75	75	600	675
GR9904	Emerald Fields (N.E. Quad Park)	5,160	0	0	0	340	275	0	615	0	615
GR9902	Coffman Park Expansion	2,771	95	2,900	0	100	1,345	0	4,345	2,300	6,645
GR1114	Holder-Wright Earthworks	1,900	0	180	1,335	0	0	80	1,595	2,035	3,630
GR1302	Scioto River Pedestrian Bridge	725	0	2,500	15,000	0	0	0	17,500	0	17,500
GR1303	Riverside Park	2,400	235	550	3,100	6,700	5,700	0	16,050	0	16,050
8/7/2014	<b>TOTAL</b>	<b>21,173</b>	<b>715</b>	<b>6,790</b>	<b>19,435</b>	<b>7,140</b>	<b>7,440</b>	<b>1,555</b>	<b>42,360</b>	<b>5,940</b>	<b>48,300</b>

- Projected increase
- Projected decrease
- Shift in project year
- New Project

CITY OF DUBLIN  
 CAPITAL IMPROVEMENT PROJECTS  
 2014-2018

PROJECT NO.	DESCRIPTION	PRIOR YEARS (\$000)	2013	2014	2015	2016	2017	2018	TOTAL 14-18	BEYOND 2018	TOTAL TO BE BUDGETED
<b>PARKS &amp; RECREATION / MAJOR PROJECTS</b>											
GR9901	Darree Fields development	5,807	60	45	375	190	240	835	1,685	1,565	3,250
GR9903	Amberleigh Community Park	2,251	40	320	0	0	0	0	320	880	1,200
GR9904	Emerald Fields (N.E. Quad Park)	5,160	0	0	0	0	580	0	580	100	680
GR9902	Coffman Park expansion	308	3,570	95	1,300	110	740	100	2,345	1,400	3,745
GR1114	Holder-Wright Earthworks	110	370	0	80	800	0	0	880	910	1,790
GR1302	Scioto River Pedestrian Bridge	0	1,295	300	12,750				13,050	0	13,050
GR1303	Riverside Park	0	85	150	7,800	0	0	0	7,950	0	7,950
9/9/2013	<b>TOTAL</b>	<b>13,636</b>	<b>5,420</b>	<b>910</b>	<b>22,305</b>	<b>1,100</b>	<b>1,560</b>	<b>935</b>	<b>26,810</b>	<b>4,855</b>	<b>31,665</b>



## **2015 - 2019 Capital Improvements Program**

### **Park and Recreation – Major Projects**

#### **Darree Fields Development (Project #GR9901)**

This project includes the development of the park in accordance with the completed Master Plan. Funds programmed in 2015 provide for the Miracle League Field resurfacing, parking lot expansion (originally budgeted in 2011), re-grading one and a half soccer fields, pump station upgrade and construction of the first phase of a multi-course/multi-ability off road bike park. Funds are allocated in 2018 and 2019 for design and construction of a Miracle League shade structure, two additional ball field & lighting with associated walks, restroom, 40-car parking lot, site furnishings and associated landscaping.

The completion of the park master plan is shown beyond 2019.



## **2015 - 2019 Capital Improvements Program**

### **Park and Recreation – Major Projects**

#### **Amberleigh Community Park (Project #GR9903)**

The City acquired approximately 12 acres of riverfront property in 1997 and, as part of the Amberleigh North residential development, the developer dedicated approximately 11 acres of riverfront property to the City. The two tracts of land combine to provide a community scale park along the Scioto River.

Amberleigh Community Park provides access to the Scioto River and surrounding natural areas. Master planning for the park was completed in 2001. The Master Plan provides potential homeowners with information on the plans for future development.

Funding in 2013 and 2014 included design and construction for stairs to the Scioto River along with a canoe/kayak launch, a pedestrian bridge and associated sidewalks, river overlook, mulch paths and landscaping.

Funding programmed in 2019 includes design of a half basketball court, shelter, parking lot and boardwalk/pier. Funding is not programmed in the five year period for construction of these amenities, but once completed, will mark the completion of the Amberleigh Park Master Plan.

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## **2015 - 2019 Capital Improvements Program**

### **Park and Recreation – Major Projects**

#### **Coffman Park Expansion (Project #GR9902)**

City Council adopted a policy to acquire the properties along Post Road from 6124 Post Road east to existing Coffman Park to create a scenic “central” park for the City. The Coffman Park Expansion Plan Task Force (the Task Force) was created by City Council in 2002 to assist with this project. The Task Force considered a wide range of optional park expansion ideas and formulated and compiled its recommendations and concept plans into the Coffman Park Expansion Task Force Report. The Task Force Report was reviewed and adopted by City Council on November 3, 2003.

The final property identified to expand Coffman Park was acquired in early 2009. The funding programmed in 2010 provided for an analysis of potential phasing of the elements identified in the Task Force Report and preliminary cost estimates. This information was necessary to evaluate the timing and amount of funding needed to begin future development. In 2010, staff revisited the plan for Coffman Park to verify original assumptions and update it for current conditions.

Funds programmed in the five year program provide for construction in 2015 of a partial parking lot at the Justice Center park area, parking lot along Commerce Parkway, boulder field, landscaping, restroom facilities in the new hard court area and new skate park with lighting. 2017 funding provides for design of the areas to be constructed in 2018. That includes construction of new hard courts, demolition of the old hard courts and the old skate park, balance of the hard court parking lot, landscaping, court lighting and possibly platform tennis. Funds beyond 2019 include the balance of the Coffman Park Master Plan plus a Japanese Garden at Nyrop.



## **2015 – 2019 Capital Improvements Program**

### **Park and Recreation – Major Projects**

#### **Emerald Fields (N.E. Quad Park) (Project #GR9904)**

This project provides for the development of the park in accordance with the completed Master Plan. Work completed in the park includes the neighborhood park component, lacrosse/cricket fields, three ball diamonds, a universally accessible playground, maintenance facility, two restroom facilities, and internal multi-use paths, landscaping, and associated parking lots.

Funding in 2017 includes design and construction of an iconic shade plaza in the ball diamond area. Funding in 2018 provides for design and construction of a small shelter by the playground area, basketball court, sand volleyball courts area and pedestrian lighting. Programming in 2018 will complete the park's master plan.



## **2015 - 2019 Capital Improvements Program**

### **Park and Recreation – Major Projects**

#### **Holder-Wright Farm and Earthworks (Project #GR1114)**

This park is situated on an important archeological and historical site. The plan for Holder-Wright Park will preserve and showcase the ancient earthworks, farm house and natural features that are a significant part of Dublin's history. Funding includes preservation/enhancement of Native American mounds, a path system, house preservation, parking lot and associated site amenities.

Funding in 2015 and 2016 is for design and construction of a restroom facility, parking lot with entry drive, utility extension, pedestrian bridge, visitor orientation area, shared-use path from Emerald Parkway to parking lot, and internal compacted gravel pedestrian paths. 2019 includes funds for design for future restoration of earthworks, interpretive signage and outdoor demonstration garden, shelter, overhead utility burial, and driveway removal for completion of the parks master plan (assuming acquisition of the neighboring land tract).



## **2015 - 2019 Capital Improvements Program**

### **Park and Recreation – Major Projects**

#### **Scioto River Pedestrian Bridge (Project #GR1302)**

This project provides for the design, land acquisition and construction of an iconic pedestrian bridge over the Scioto River to provide connectivity of the future Riverside Park on the east side of the river as well as adjacent commercial/residential developments to Historic Dublin. The pedestrian bridge will also serve as an iconic symbol of the emerging new city core.

Design is programmed in 2015 and construction funding is programmed in 2016.



## **2015 - 2019 Capital Improvements Program**

### **Park and Recreation – Major Projects**

#### **Riverside Park (Project #GR1303)**

Based on the Scioto River Corridor Framework Plan, this project provides for the construction of a new central park on both sides of the Scioto River. The park will link to other regional parks and recreational systems through potential bicycle/pedestrian facilities, and canoe/kayak access points.

The west side of the park is envisioned as a naturalized area with connections to the Indian Run greenway, water access, and trail systems. The east side of the park will feature areas to allow for assembly space, restroom/pavilion, extensive paths and landscaping, site lighting and river overlooks.

Vehicular access, steep riverside slopes, and the consideration of existing structures are key drivers of design, as well as maintaining flexibility for future programming for residents of the Bridge Street District. Currently, all park plans to-date are conceptual. Additionally, timing of any given phase of the project is subject to change based upon other associated project completions (i.e. the Scioto River Pedestrian Bridge, Riverside Drive realignment, 94-100 N. High Street redevelopment.)

Funding in 2015 reflects invasive plant removal on the west side, construction of a haul road on the west side that will include a vehicular rated bridge over the Indian Run that in later phases will be finished with stone veneer.

Funding programmed in 2016 through 2018 provides for project design and construction. Construction funds reflect programming for base grading on the east side, utility extensions on the east side, retaining wall along Riverside Drive and landscaping. Funding in 2017 through 2018 reflects construction for work associated with stairs from the existing path on the west side to the Indian Run Creek and boardwalk through the existing culvert under Dublin Road. Continuation of the boardwalk and access drive within the floodplain on the west side that will connect the Kilbury tract to Dublin Spring Park. Work also includes foundation work, retaining walls that are associated with the east bridge landing area. Construction in 2018 will complete the east landing area with pavilion, restrooms, and plaza.

Funds shown beyond 2019 reflects programming for the design and construction of the east landing of the John Shields bridge that includes climbing walls (both natural and artificial), paths down to, and along the river on the east side.

# 7-Police

CITY OF DUBLIN  
 CAPITAL IMPROVEMENT PROJECTS  
 2015-2019

PROJECT NO.	PROJECT DESCRIPTION	PRIOR YEARS (\$000)	2014	2015	2016	2017	2018	2019	TOTAL 15-19	BEYOND 2019	TOTAL TO BE BUDGETED
<b>POLICE / NONMAJOR PROJECTS</b>											
PP0803	Replacement Lasers	42	0	15	20	10	10	0	55	0	55
PP0804	Replacement Radars	58	10	10	0	10	10	0	30	0	30
PP1301	Intersection & Crime Prevention Cameras	0	80	80	0	0	0	0	80	0	80
PP1202	Ballistic Helmets	20	0	0	0	25	0	0	25	0	25
PP1302	Automatic License Plate Readers	0	0	100	0	120	0	0	220	0	220
PP1303	Replacement Ballistic Shields	14	0	0	0	25	0	0	25	0	25
PP1401	Replacement Logging Recorder	0	150	0	0	0	0	0	0	0	0
PP1602	Replacement Firearms	0	0	0	120	0	0	0	120	0	120
PP1501	Replacement Automated External Defibrillators (AED)	0	0	20	20	20	0	0	60	0	60
<b>NEW</b>	<b>LiveScan Fingerprint System</b>	0	0	<b>35</b>	0	0	0	0	35	0	35
8/7/2014	<b>TOTAL</b>	<b>134</b>	<b>240</b>	<b>260</b>	<b>160</b>	<b>210</b>	<b>20</b>	<b>0</b>	<b>650</b>	<b>0</b>	<b>650</b>

**POLICE / MAJOR PROJECTS**

PP1601	Radio System Upgrade	0	575	0	0	0	0	0	0	0	0
8/7/2014	<b>TOTAL</b>	<b>0</b>	<b>575</b>	<b>0</b>							

- Projected increase
- Projected decrease
- Shift in project year
- New project

CITY OF DUBLIN  
 CAPITAL IMPROVEMENT PROJECTS  
 2014-2018

PROJECT NO.	PROJECT DESCRIPTION	PRIOR YEARS (\$000)	2013	2014	2015	2016	2017	2018	TOTAL 14-18	BEYOND 2018	TOTAL TO BE BUDGETED
<b>POLICE / NONMAJOR PROJECTS</b>											
PP0803	Replacement lasers	42	0	0	0	10	0	0	10	0	10
PP0804	Replacement radars	58	0	10	0	10	0	0	20	0	20
PP1301	Intersection & Crime Prevention Cameras	0	105	80	80	0	0	0	160	0	160
PP1202	Ballistic Helmets	20	0	0	0	0	25	0	25	0	25
PP1302	Automatic License Plate Readers	0	125	0	100	0	0	0	100	0	100
PP1303	Replacement Ballistic Shields	0	15	0	0	0	0	20	20	0	20
PP1401	Replacement Logging Recorder	0	0	150	0	0	0	0	150	0	150
PP1402	TAI Measurement Equipment	0	0	25	0	0	0	0	25	0	25
PP1403	CIU Surveillance & Tracking Equipment	0	0	35	0	0	0	0	35	0	35
PP1602	Replacement Firearms	0	0	0	0	120	0	0	120	0	120
PP1501	Replacement Automated External Defibrillators (AED)	0	0	0	20	20	20	0	60	0	60
9/9/2013	<b>TOTAL</b>	<b>120</b>	<b>245</b>	<b>300</b>	<b>200</b>	<b>160</b>	<b>45</b>	<b>20</b>	<b>725</b>	<b>0</b>	<b>725</b>

<b>POLICE / MAJOR PROJECTS</b>											
PP1601	Radio system upgrade	0	0	825	0	0	0	0	825	750	1,575
9/9/2013	<b>TOTAL</b>	<b>0</b>	<b>0</b>	<b>825</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>825</b>	<b>750</b>	<b>1,575</b>



## **2015 – 2019 Capital Improvements Program**

### **Police Non-Major Projects**

- PP0803**     **Replacement lasers** – Funds are programmed in 2015 through 2018 to replace aging lasers. The lasers have an estimated life of 10 years.
- PP0804**     **Replacement radars** – Funds are programmed to replace aging radars. The first replacement occurred in 2012 with additional funds programmed in 2014 and 2015, and again in 2017 and 2018. The radars have an estimated life of 10 years.
- PP1301**     **Intersection and Crime Prevention Cameras** – Funding in 2014 and 2015 will provide for traffic cameras at high traffic, high incident locations and add crime prevention cameras at City properties such as parks, parking areas, pools and other open spaces. These cameras will use the Wi/Fi and fiber connectivity currently available throughout the City to allow for real time recording and monitoring from the police communications center and mobile computers in police and fire vehicles. The traffic cameras could also be shared on the City's web site and with ODOT's traffic control center. Locations for these cameras will be finalized with discussions between Police, Engineering and IT and are based on crash counts/rates, traffic counts and crime statistics.
- PP1202**     **Ballistic Helmets** – Funds are programmed in 2017 to replace existing officer ballistic helmets. The helmets have a five year useful life.
- PP1302**     **Automatic license plate readers** – Funds programmed in 2015 and 2017 provide for the purchase of automatic license plate readers to be installed on select cruisers. License plate readers are an automated tool installed on police cruisers that read license plates and compare them to a database of wanted and missing persons, amber alerts, stolen vehicles and homeland security alerts and notify the officer anytime there is a match. These systems can scan as many as 10,000 plates per hour and greatly increase the possibility an alert will be found.



## **2015 – 2019 Capital Improvements Program**

### **Police Non-Major Projects**

- PP1303**     **Replacement ballistic shields** – Funds in 2017 are programmed for the replacement of existing ballistic shields that have a five-year expiration.
- PP1401**     **Replacement logging recorder** – Funds provided in 2014 are for the replacement of current equipment which records all communications over the Division's radio system and phone lines in the Communications center. The current equipment is almost 17 years old.
- PP1602**     **Replacement firearms** – Funds in 2016 are programmed for the replacement of firearms (hand guns) which have exceeded the ten year recommended life for on-duty use.
- PP1501**     **Replacement Automated External Defibrillators** – Funds programmed in 2015, 2016, and 2017 provide for the replacement of current Automated External Defibrillators (AED) that were purchased in 1998.
- NEW**         **LiveScan Fingerprinting System** – Funds programmed in 2015 provide for the replacement of the current LiveScan System which will no longer be supported by the vendor after 2015. The LiveScan unit allows officers to capture the finger and palm prints of an arrestee and electronically submit those prints to the Ohio Bureau of Investigation & Identification.



## **2015 - 2019 Capital Improvements Program**

### **Police-Major Projects**

#### **Radio System Upgrade (Project #PP1601)**

In 2009, the City of Dublin entered into an agreement with the City of Worthington and Delaware County for the purpose of establishing a Regional Council of Government (COG) to provide oversight and management of a shared public radio system. The radio system upgrade included incorporating the three frequencies at Worthington with the existing four frequencies held by Dublin to increase system capacity, add the Worthington tower site for improved coverage, and integrate with Delaware County's new 800 mhz digital system to save costs.

As a result, the Central Ohio Interoperable Radio System (COIRS) was established. At the COIRS July 2010 governing board meeting, the members identified the need for future infrastructure upgrades to the radio system.

As a member of COIRS, the City will be contributing to the COG for the cost to upgrade the existing radio system in 2014. This upgrade includes upgrading the infrastructure from version 6.9 to 7.13 and from a circuit based system to an IP based system. In addition, new IP based dispatch consoles are included as part of the upgrade. The cost will be shared between the COG partners (Dublin, Delaware County and Worthington) and is part of a larger upgrade being undertaken by Delaware County. When complete, the upgrade will allow the COIRS system to directly connect with other P25 radio systems in the State of Ohio, including the MARCS system, to create a "system of systems" for public safety/public service radios to roam statewide.

# **8-Sanitary Sewer**

CITY OF DUBLIN  
 CAPITAL IMPROVEMENT PROJECTS  
 2015-2019

PROJECT NO.	PROJECT DESCRIPTION	PRIOR YEARS (\$000)	2014	2015	2016	2017	2018	2019	TOTAL 15-19	BEYOND 2019	TOTAL TO BE BUDGETED
<b>SANITARY SEWER SYSTEM \ NONMAJOR</b>											
ES1501	Annual Sanitary Sewer Maintenance Program	0	200	200	200	200	200	200	1,000	0	1,000
ES1110	North Fork Sewer-Capacity Improvement	0	0	0	0	0	0	0	0	400	400
ES1202	Manhole Rehabilitations	358	0	500	0	250	0	0	1,000	0	1,000
8/7/2014	<b>TOTAL</b>	<b>358</b>	<b>200</b>	<b>700</b>	<b>200</b>	<b>450</b>	<b>200</b>	<b>450</b>	<b>2,000</b>	<b>400</b>	<b>2,400</b>

**SANITARY SEWER SYSTEM \ MAJOR PROJECTS**

ES0701	Sewer Lining and Repair	6,752	0	2,500	0	0	1,500	0	4,000	0	4,000
ES1502	Reserve for Sewer Extensions	0	200	200	200	200	200	200	1,000	0	1,000
8/7/2014	<b>TOTAL</b>	<b>6,752</b>	<b>200</b>	<b>2,700</b>	<b>200</b>	<b>200</b>	<b>1,700</b>	<b>200</b>	<b>5,000</b>	<b>0</b>	<b>5,000</b>

- Projected Increase
- Projected decrease
- Shift in project year
- New project

CITY OF DUBLIN  
 CAPITAL IMPROVEMENT PROJECTS  
 2014-2018

PROJECT NO.	PROJECT DESCRIPTION	PRIOR YEARS (\$000)	2013	2014	2015	2016	2017	2018	TOTAL 14-18	BEYOND 2018	TOTAL TO BE BUDGETED
<b>SANITARY SEWER SYSTEM \ NONMAJOR</b>											
ES1401	Annual sanitary sewer maintenance program	0	200	200	200	200	200	200	1,000	0	1,000
ES1110	North Fork sewer-capacity improvement	0	0	0	0	0	0	0	0	400	400
ES1202	Manhole rehabilitations	221	0	0	500	0	0	0	500	0	500
ES1302	River Forest sanitary improvements	0	310	0	0	0	0	0	0	0	0
9/9/2013	<b>TOTAL</b>	<b>221</b>	<b>510</b>	<b>200</b>	<b>700</b>	<b>200</b>	<b>200</b>	<b>200</b>	<b>1,500</b>	<b>400</b>	<b>1,900</b>

**SANITARY SEWER SYSTEM \ MAJOR PROJECTS**

ES0701	Sewer lining and repair	6,681	0	0	1,500	0	0	0	1,500	0	1,500
ES1201	Deer Run sanitary improvements	0	0	0	0	0	0	0	0	5,410	5,410
ES1402	Sewer extensions	0	0	65	295	410	0	0	770	0	770
9/9/2013	<b>TOTAL</b>	<b>6,681</b>	<b>0</b>	<b>65</b>	<b>1,795</b>	<b>410</b>	<b>0</b>	<b>0</b>	<b>2,270</b>	<b>5,410</b>	<b>7,680</b>



## **2015 – 2019 Capital Improvements Program**

### **Sanitary Sewer System - Non-Major Projects**

**ES1501**     **Annual Sanitary Sewer Maintenance** – Provides funding to maintain and repair sanitary sewer infrastructure including raising manholes and various other issues identified during inspections.

**ES1110**     **North Fork Sewer Capacity Improvement** – This project will increase the capacity of the City's sanitary sewer system and provides for the ability to handle future development as it occurs in this area. No funding has been programmed in the five year period.

**ES1202**     **Manhole Rehabilitations** – This project provides for the repair of sanitary sewer manholes in accordance to the schedule needed to comply with the "Director's Final Findings and Orders" issued by the Ohio Environmental Protection Agency (OEPA). This project provides for repairs to the integrity of the manholes and reduces the amount of inflow and infiltration (I and I) entering the system via the main lines.

Manhole rehabilitation is programmed in 2015 and 2017 for Deer Run sewer shed, and North Fork Indian Run sewer shed in 2019.



## **2015- 2019 Capital Improvements Program**

### **Sanitary Sewer System-Major Projects**

#### **Sewer Lining and Repair (Project #ES0701)**

The funds allocated will allow for the repair and lining of the sanitary sewer lines in Dublin. The lining of the City's clay pipe will reduce inflow and infiltration (I and I) of water in the sanitary sewer system. Sewer lining repairs the integrity of the pipe system and reduces the amount of I and I entering the system via the main lines.

The future schedule for the repair and lining of the main sewer lines will be based on the guidelines and/or requirements established by the Ohio EPA.

The scope of work will be dictated based on the results of the Sanitary Sewer Evaluation Study (SSES) required from the "Director's Final Findings and Orders" issued by the Ohio Environmental Protection Agency (OEPA).

Funding programmed in 2015 is to continue the lining of the Deer Run sewer shed comprising nearly 15,205 linear feet of 8"-12" sanitary sewer, encompassing an area west of Muirfield Drive to Avery Road and north to Davington Drive north of Glick Road. The 2015 work will also include lining of the 24 to 42 inch trunk sewer along Riverside Drive between I270 and Martin Road (approximately 6,400 lineal feet). Funds programed in 2018 is for the lining of clay and concrete sanitary sewers the North Fork Indian Run sewer shed.

The project is funded from the Sewer Fund.

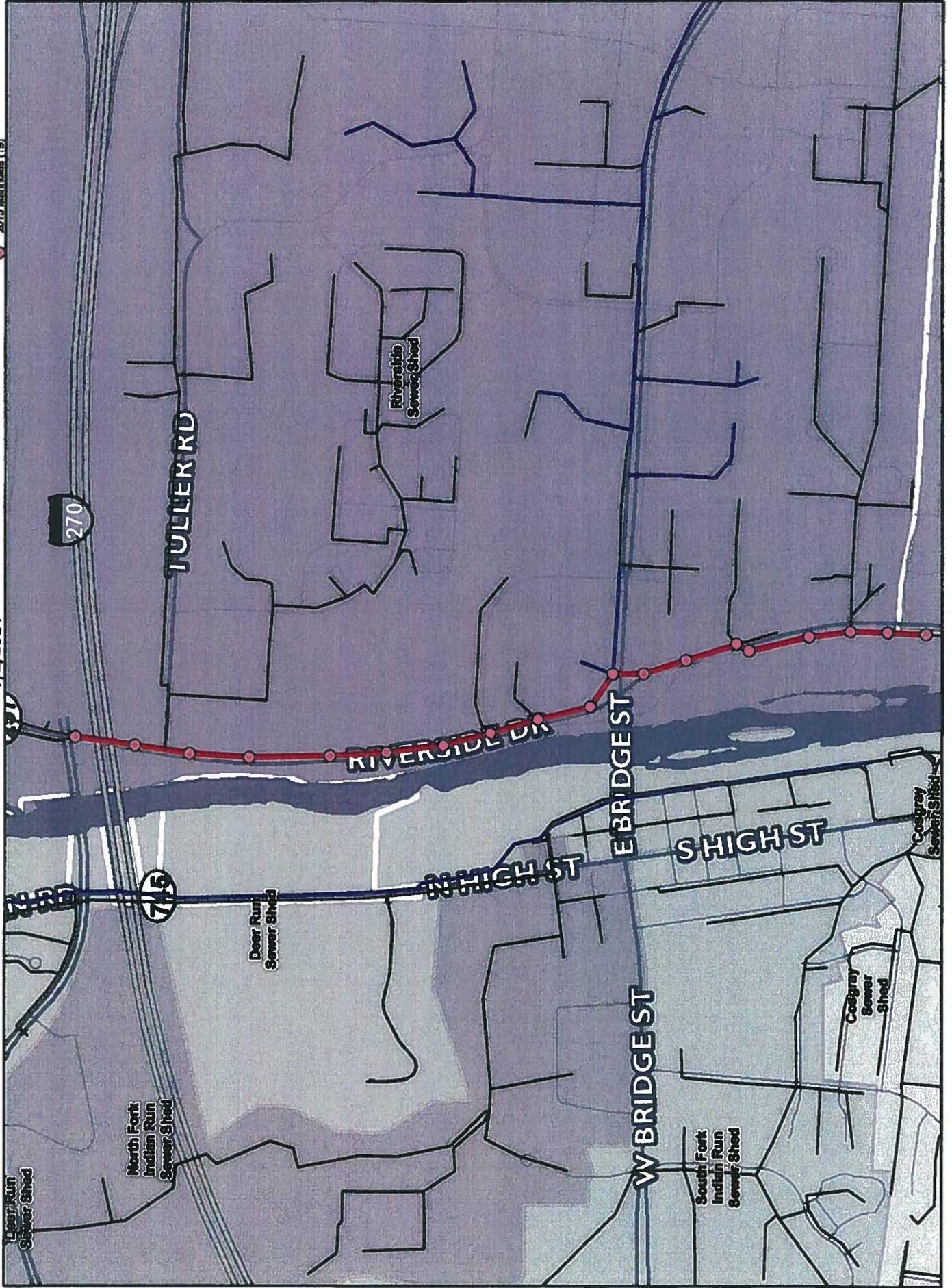


# Sewer Lining 2015 Proposed Areas

7/2/2014

Lining Plan Year  
— 2015 (18)  
— 2015 Manholes (19)

— Previously Lined  
— Other Sanitary Lines







## **2015- 2019 Capital Improvements Program**

### **Sanitary Sewer System-Major Projects**

#### **Reserve for Sewer Extensions ((Project #ES1502)**

This project will provide sewer extensions to areas that need direct access to the public sanitary sewer system. Funds have been programmed in the five year period to systematically provide access to the public sanitary sewer system based on inspection data and evaluation provided by the Franklin County Board of Health as well as Council policy.

Funds will be transferred from the Capital Improvements Tax Fund to the Sewer Fund to offset costs associated with this project.

# **9-Transportation Non-Major**

CITY OF DUBLIN  
CAPITAL IMPROVEMENT PROJECTS  
2015-2019

REF. NO.	PROJECT DESCRIPTION	PRIOR YEARS (\$000)	2014	2015	2016	2017	2018	2019	TOTAL 15-19	BEYOND 2019	TOTAL TO BE BUDGETED
<b>TRANSPORTATION / NONMAJOR PROJECTS</b>											
AT1501	Annual Street Maintenance Program	0	4,500	4,500	4,500	4,500	4,500	4,500	22,500	0	22,500
AT1502	Annual Infrastructure / Roadside Improvement Program	0	300	50	185	185	280	185	885	0	885
AT1503	Annual Bikeway Maintenance	0	510	655	500	500	500	500	2,655	100	2,755
AT1504	Annual Bikeway Connections / Additions (Some TIF funded)	0	545	725	625	875	0	160	2,385	365	2,750
AT1506	Annual Sidewalk Program	0	250	0	250	0	250	0	500	0	500
AT1507	Annual Parking Lot Maintenance	0	250	100	100	100	100	100	500	0	500
AT1508	Annual Pedestrian Tunnel Maintenance	0	150	100	100	100	100	100	500	0	500
AT1510	Annual Guardrail Replacement & Maintenance	0	65	230	65	65	65	65	490	0	490
AT1511	Annual Bike Rack Installation	0	25	25	25	25	25	25	125	0	125
ET0403	Pedestrian Tunnels	746	0	0	0	0	0	0	0	650	650
ET1118	Riverside Drive/Hard Road Turn Lane	60	295	0	0	0	0	0	0	0	0
ET1303	Bridge Street School Flasher	13	55	0	0	0	0	0	0	0	0
8/7/2014	<b>TOTAL</b>	<b>819</b>	<b>6,945</b>	<b>6,385</b>	<b>6,350</b>	<b>6,350</b>	<b>5,820</b>	<b>5,635</b>	<b>30,540</b>	<b>1,115</b>	<b>31,655</b>

- Projected increase
- Projected decrease
- Shift in project year
- New Project

CITY OF DUBLIN  
 CAPITAL IMPROVEMENT PROJECTS  
 2014-2018

REF. NO.	PROJECT DESCRIPTION	PRIOR YEARS (\$000)	2013	2014	2015	2016	2017	2018	TOTAL 14-18	BEYOND 2018	TOTAL TO BE BUDGETED
TRANSPORTATION / NONMAJOR PROJECTS											
AT1401	Annual street maintenance program	0	3,150	3,500	3,500	3,700	3,900	4,100	18,700	0	18,700
AT1402	Annual infrastructure/roadside improvement program	0	325	300	50	185	185	280	1,000	0	1,000
AT1403	Annual shared-use path maintenance	0	450	735	450	75	75	75	1,410	20	1,430
AT1404	Annual shared-use path connections/additions (Some TIF funded)	0	285	525	780	645	350	770	3,070	290	3,360
AT1406	Annual sidewalk program	0	375	250	0	250	0	250	750	0	750
AT1407	Annual parking lot maintenance	0	350	250	100	100	100	100	650	0	650
AT1408	Annual pedestrian tunnel maintenance	0	150	150	100	100	100	100	550	0	550
AT1410	Annual guardrail replacement & maintenance	0	65	65	65	65	65	65	325	0	325
AT1411	Annual bike rack installation	0	25	25	25	25	25	25	125	0	125
ET0403	Pedestrian tunnels	746	0	0	0	0	0	0	0	650	650
ET1118	Riverside Drive/Hard Road turn lane	66	0	250	0	0	0	0	250	0	250
ET1303	Bridge Street school flasher	0	10	55	0	0	0	0	55	0	55
3/9/2013	<b>TOTAL</b>	<b>812</b>	<b>5,185</b>	<b>6,105</b>	<b>5,070</b>	<b>5,145</b>	<b>4,800</b>	<b>5,765</b>	<b>26,885</b>	<b>960</b>	<b>27,845</b>



City of Dublin

## **2015- 2019 Capital Improvements Program**

### **Transportation – Non-Major Projects**

**AT1501**     **Annual Street Maintenance Program** – Funding provides for an annual allocation for repairing the City's roadways. In 2010, the City contracted with Stantec Consulting Services, Inc. to provide a comprehensive map based pavement condition inventory to aid in planning future maintenance. The pavement analysis is utilized to program the timing of street maintenance work. An updated condition assessment is to be performed in 2015. Based on an index of 1 – 100, with an index of 100 being a new roadway, the current overall index of the City's road-miles is rated with an index of 82. The annual allocations for years 2015 through 2019 reflects an increase in funding to maintain the average pavement condition index (PCI) rating at around 80 ("good") and perform more preventative treatments.

**AT1502**     **Annual Infrastructure/Roadside Improvement Program** – Beginning in 2013, annual infrastructure repairs and annual roadside improvements were combined into one project and are completed in conjunction with the annual street maintenance program. Funds provided with this annual allocation will be used to improve conditions along City roadways as well as provide funding in the right-of-way including painting of bridge railings, bridge deck sealing, repair to stone walls, painting of mast arm poles and other right-of-way repairs.

There remains quite a bit of bomanite throughout the City that will need to be replaced in the coming years. Much of this is roundabout truck aprons, some crosswalks and a few intersections. Existing bomanite and red concrete median pavers will be replaced when it begins to deteriorate in future years. Funding has not been allocated for that maintenance.

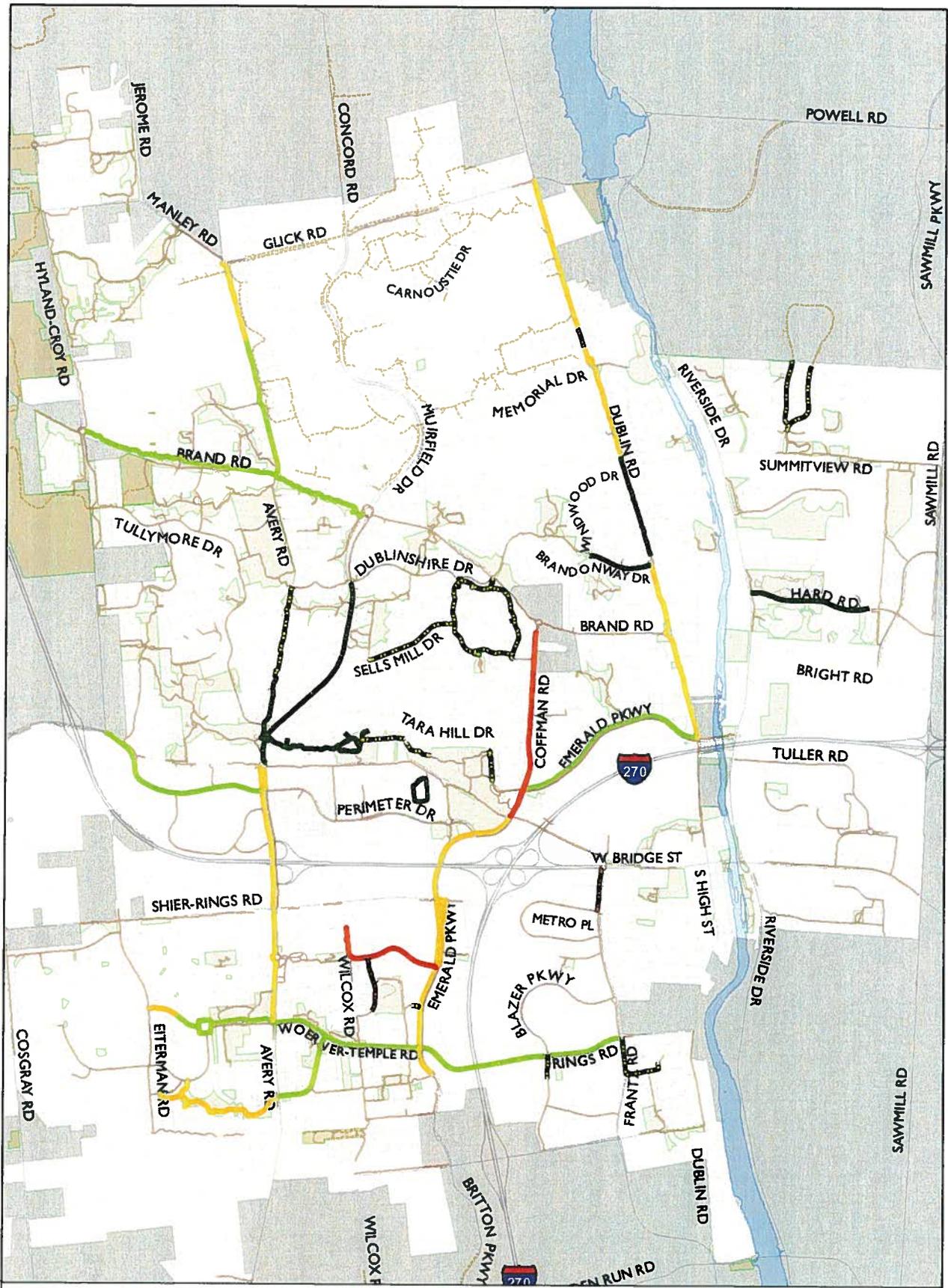
**AT1503**     **Annual Bikeway Maintenance** – Programming includes an annual allocation for crack sealing repairs for shared-use paths along with funding to replace or overlay specifically identified portions of the City's shared-use paths. This project is completed in conjunction with the Annual Street Maintenance Program. Each year, staff from Engineering, and Parks and Open Space identify and prioritize areas of the path system that are in need of maintenance. As a result, additional funds have been programmed in 2015 to repair the identified priority paths. 2016 through 2019 include allocations for maintenance and crack sealing repairs.

**City of Dublin, Ohio**  
**AT1403 - Annual Shared-Use Path Maintenance**

Map #	Non-Major Shared-Use Path Maintenance	Work Unit	Type of Maintenance Required	2014	2015	2016	2017	2018	2019	Beyond 2019	Lineal Feet
25	Dublin Center Drive (south of Marcy Lane)	P	Seal Coated in 2014								727
			replace (soil issues here so used higher replacement cost)								
7	Brandon Park	E		\$194,000							3098
13 & 14	Dublinshire Drive (near pool) and greenspace (encompasses all work on Dublinshire)	E	part overlay/part replace	\$78,000							3144
18	Karrer MS (adjacent to Red Trabue)	E	overlay						\$100,000		
19	Red Trabue (adjacent to Karrer MS) and from cabin to arboretum	E	overlay	\$92,000							
20	Scottish Corners Park	E	replace (drainage issues also need to be addressed)		\$200,000						1126
23	Woerner-Temple between Traquair Place	E	overlay (will re-evaluate before 2015)		\$15,000						466
24	Heather Glen Park	E	replace	\$35,000							1601
26	Post Road, from Avery-Muirfield to Commerce	E	overlay (will re-evaluate before 2015)		\$165,000						5478
27	Perimeter Drive, Avery-Muirfield to Commerce Prkwy (worst section is Holt to Commerce Prkwy)	E	overlay		\$175,000						5797
51	Wedgewood Glen Park, Buttleston Dr to Borge Way	E	overlay	\$5,100	\$25,000						890
52	Earlington Prkwy, Brand Road south to 7671 Earlington	E	overlay	\$27,000							850
53	Innovation Dr - Heather Glen to Bates property (address listed as 6136 Wilcox Road - east property line)	E	Seal Coated in 2014								2640
54	Rings to Metro Pl North (include with utility burial project)	E									
56	Bristol Commons	P	crack seal								3066
57	Glick and Manley	P	crack seal								2065
58	Glick and Dublin Rd	P	crack seal								655
59	Eiterman	P	crack seal								4316
60	Rings Rd W of Emerald and Trinity Park	P	crack seal								3113
61	Clearfield Ln from Wilcox to Emerald	P	crack seal								1981
62	Rings Rd East of Eiterman	P	crack seal								2402
64	Coffman Park Dr (Engineering)	E	replace								1428
65	Coffman Park Drive (Parks)	P	crack seal								3718
NEW - various	Annual Allocation		crack seal	\$75,000	\$75,000	\$75,000	\$75,000	\$75,000	\$75,000		

<b>TOTAL CIP 2015-2019 Allocations</b>	<b>\$506,100</b>	<b>\$655,000</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$100,000</b>	<b>\$2,755,000</b>
<b>TOTAL CIP 2014-2018</b>	<b>\$731,600</b>	<b>\$449,040</b>	<b>\$75,000</b>	<b>\$75,000</b>	<b>\$75,000</b>	<b>\$75,000</b>	<b>\$75,000</b>	<b>\$16,740</b>	<b>\$1,405,640</b>

Overlay = estimated at \$30/lineal foot  
 Mill & Repave = estimated at \$40/lineal foot  
 Crack Seal = estimated at \$1.70/lineal foot



- Existing Bikeways
- Bikeway
- Pedestrian Trail
- Non-Dublin Bikeways

**Bikeway Maintenance**

7/11/2014



**Patch and Seal Replacement/Overlay**

- |      |      |
|------|------|
| 2011 | 2011 |
| 2012 | 2012 |
| 2013 | 2013 |
| 2014 | 2014 |



## 2015- 2019 Capital Improvements Program

### Transportation – Non-Major Projects

**AT1504 Annual Bikeway Connections/Additions** - These funds are programmed to be utilized in areas where roadway projects or developer contributions are not likely to cover the cost of path connections, or in locations where pedestrian safety is an issue. Larger projects, such as funding the design, construction and landscaping of the Dublin Road (south) and Glick Road shared-use paths are included separately in Transportation – Major and details are included in their individual project descriptions.

Annually, staff completes a comprehensive review of shared-use path connection/addition needs and has developed a comprehensive plan for completing these projects. The total allocation for 2015 is \$725,000 (rounded).

For 2015, the following connections/additions are programmed for completion:

General Location	2015 Design Amount	2015 Construction Amount
Eli Penney connection from Glick Road to the corporate limit	(1)	\$250,950
Hyland Croy Road (north of Brand Road)	(1)	\$82,500
Riverside Drive from Thaddeus Kosciuszko Park to Tonti Drive	(1)	\$33,000
Metro Place South to Smiley Park	\$43,960	(2)
Post Road from Gorden Farms to Avery-Muirfield Drive	\$25,000	(3)
Summit view (from Wedgewood Hills Park at Summit View to Campden Lakes Boulevard)	(4) \$35,000	
Discovery Boulevard and Wall Street (corner)		(5) \$129,510
Perimeter Drive from Avery-Muirfield to Holt Road	\$100,840	(6)
Dublin Road from Tuttle to Limestone Ridge Drive	\$25,000	(2)
<b>Total</b>	<b>\$229,800</b>	<b>\$495,960</b>

(1) – design funded in 2014.

(2) – construction funded in 2016.

(3) – right-of-way acquisition funded in 2016 and construction in 2017.

(4) - funding provides for preliminary study first to determine feasibility.

(5) - funding includes design.

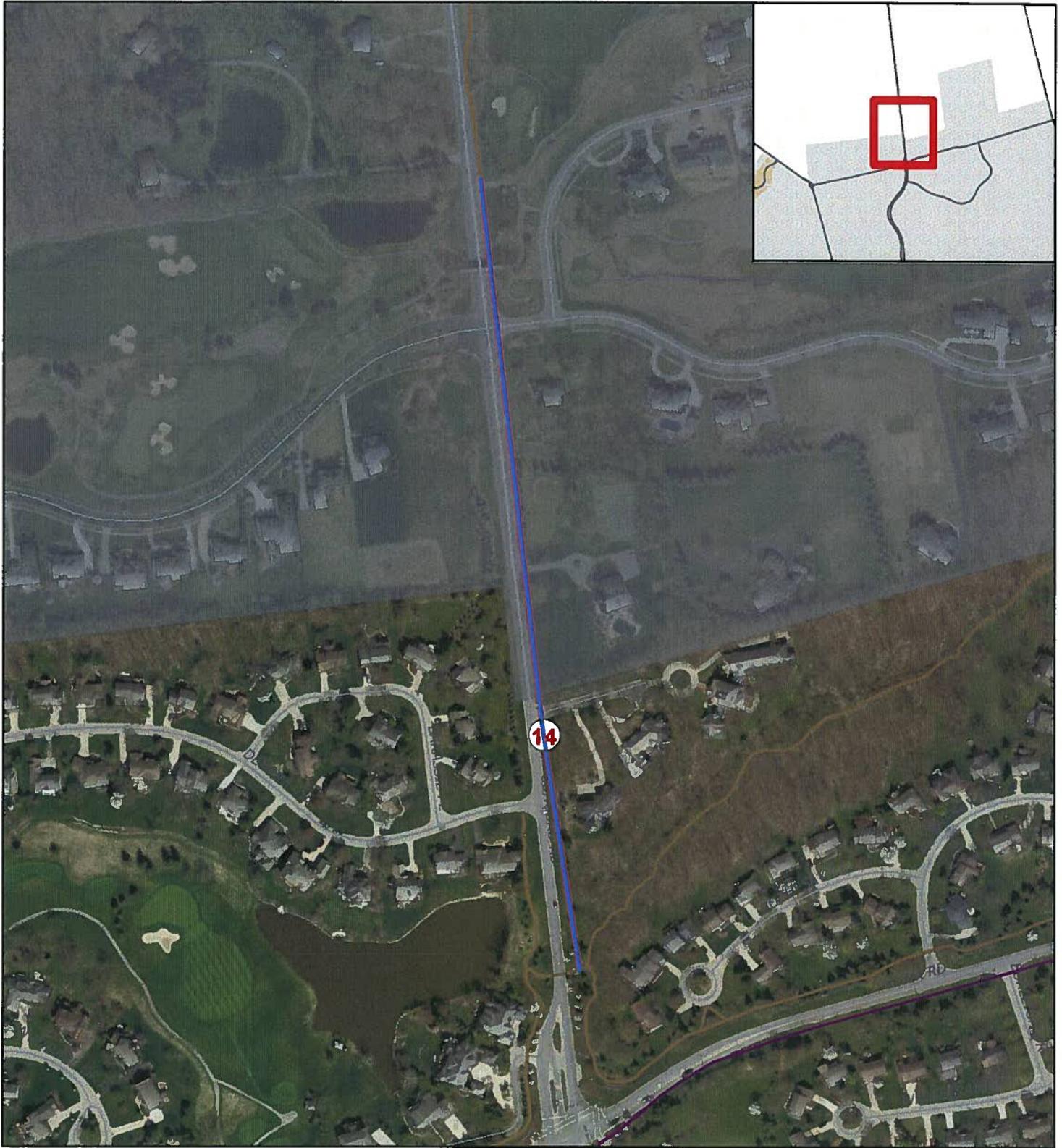
(6) - construction funded in 2017.

City of Dublin, Ohio

AT1403 - Annual Shared-Use Path Connections/Additions

Map #	Non-Major Shared-Use Bikeway Projects	2014	2015	2016	2017	2018	2019	Beyond 2019	Lineal Feet
14	Eli Pinney Connection from Glick Rd to Corp. Limit	\$66,920	\$250,950						1673
16	Hyland Croy Rd N of Brand Rd	\$14,200	\$82,500						550
43	Riverside Dr Thad K Park to Tonti Dr	\$13,500	\$33,000						220
50	Riverside Dr - Tonti Dr to Wyandotte Woods				\$30,000		\$265,430		1397
29	Scioto High School Path	\$200,000							2677
10	Metro P L S to Smiley Park		\$43,960	\$164,850					1099
37	Wilcox Rd (ditch between Northcliff to Heather Glen Blvd)	\$28,000				\$160,000			1073
27	Post Rd from Gorden Farms to Avery-Muirfield Dr		\$25,000	\$20,000	\$90,000				
	Summit View (from Wedgewood Hills Park at Summit View to Campden Lakes Blvd)		\$35,000	\$42,640	\$159,900				1066
33	Wedgewood Hill ROW (thru Wedgewood Hills Park) - dependant on PE study on #33			\$49,400	\$185,250				1235
36	Discovery from Daycare to Post Wall St. from daycare to east (coordinate w/proposed development - development driven project)	\$73,360							264
42	Discovery Blvd. and Wall St corner		\$129,510					\$0	629
47	Perimeter - Avery-Muirfield to Holt Rd. (request ROW dedication from property owners)		\$100,840		\$378,150				649
45	Rings Rd. from Frantz Rd. to Dublin Rd.	\$72,360		\$271,350					2521
46	Martin Rd. to Welland St.	\$76,000							1809
49	Dublin Road from Tuttle to Limestone Ridge Dr		\$25,000	\$75,000					400
24	Dublin Road Limestone Ridge Dr to Frantz				\$30,000		\$100,000		776
53	Hard Road sharrows (to be included with re-paving)								1166
28	Sharrows - Emerald SB from Perimeter to Parkwood (to be included with re-paving)								5290
38	Sharrows - Emerald NB from Parkwood to Perimeter (to be included with re-paving)								5254
38	Sharrows - Emerald from Corp line to Rings (to be included with re-paving)								3666
40									
<b>TOTAL CIP 2015-2019</b>		<b>\$544,340</b>	<b>\$725,760</b>	<b>\$623,240</b>	<b>\$873,300</b>	<b>\$0</b>	<b>\$160,000</b>	<b>\$365,430</b>	<b>\$2,382,300</b>
<b>TOTAL CIP 2014-2018</b>		<b>\$523,640</b>	<b>\$779,650</b>	<b>\$641,000</b>	<b>\$345,150</b>	<b>\$768,150</b>	<b>\$0</b>	<b>\$285,800</b>	<b>\$3,057,590</b>

= preliminary study first to determine feasibility (30% of cost of design)  
 = design @ \$40 per lineal foot  
 = construction @ \$150 per lineal foot  
 = Parks & Open Space project @ \$75 per lineal foot



**Type:** Bikepath  
**Name:** City Facilitated - Eli Pinney Connection  
**Criteria:** School Connection  
**Source:** 2011 Bikeway Planning, Resident Request, Muirfield  
**Priority:** High  
**Recommendation:** Citizens  
**Funding:** CIP Multi-Use Path - Non-Major  
**Notes:** Design 2012 \$20,000

**Map Number: 14**

**Division:** Engineering

**CIP Design Year:** 2013

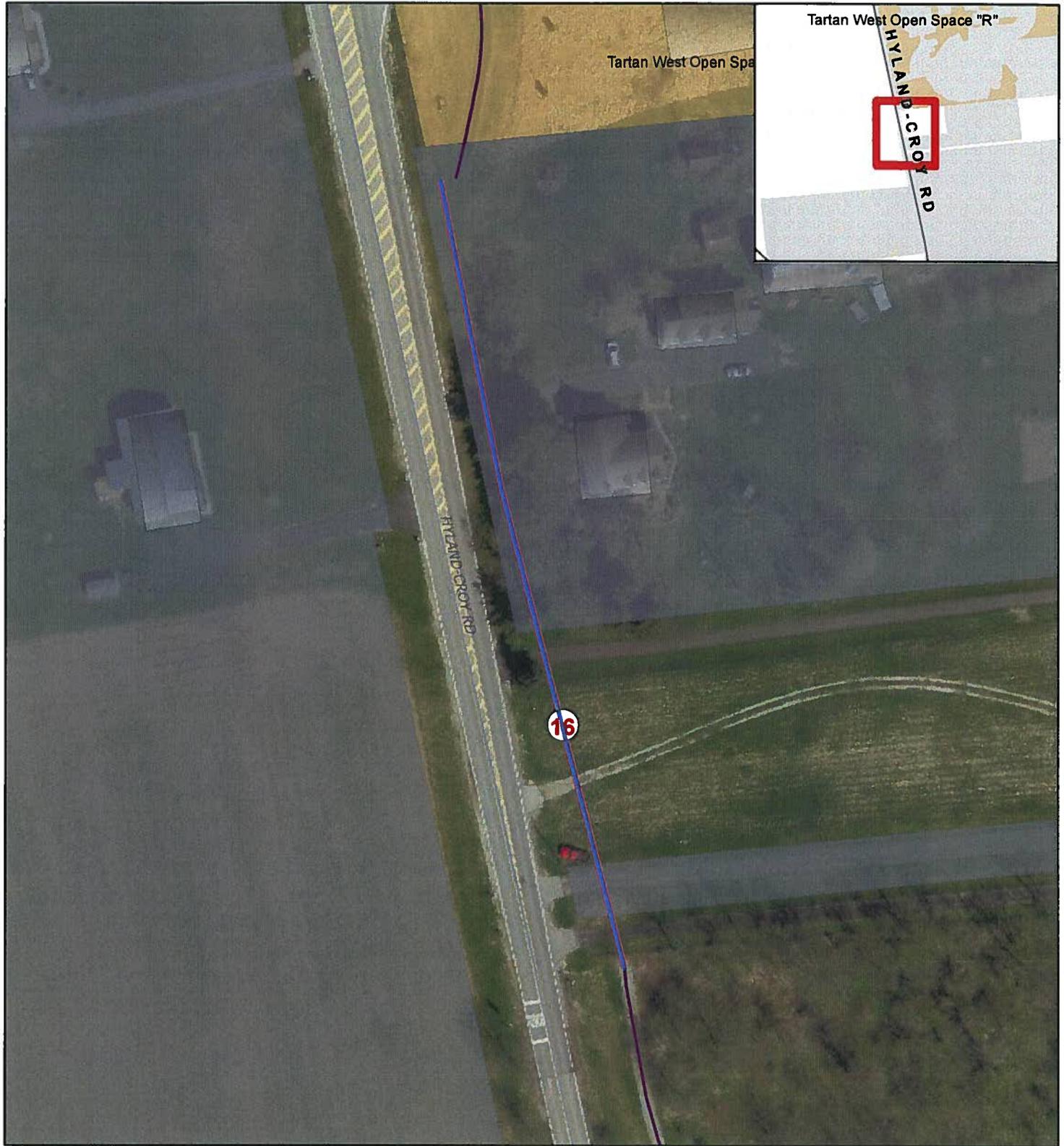
**Estimated Design Cost:** \$ 66,920

**CIP Construction Year:** 2015

**Estimated Construction Cost:** \$ 0

**Status:** Design

- Bikepath Planning
- Existing Paths**
- Bikepath
- Pedestrian Connector
- - - Pedestrian Trail
- Pedestrian Connectors

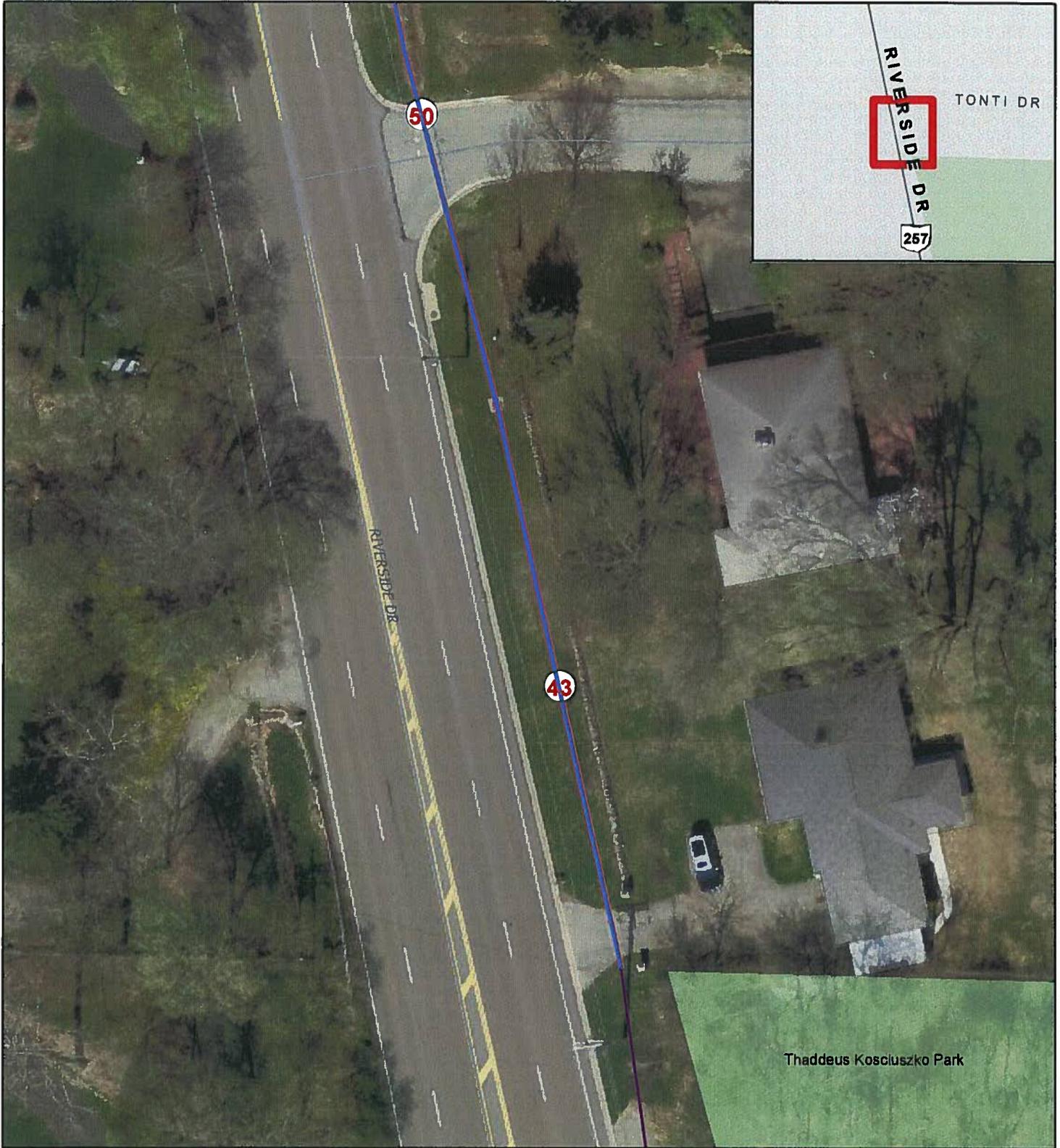


**Type:** Bikepath  
**Name:** Hyland Croy Rd N of Brand Rd  
**Criteria:** Connection, Schools  
**Source:** 2010 Bikeway Planning  
**Priority:** High  
**Recommendation:** Staff and BATF  
**Funding:** CIP-TIF  
**Notes:** Tartan West TIF - Delayed

**Map Number:** 16

**Division:** Engineering  
**CIP Design Year:** 2013  
**Estimated Design Cost:** \$ 25,146  
**CIP Construction Year:** 2014  
**Estimated Construction Cost:** \$ 0  
**Status:** Design

- Bikepath Planning
- Existing Paths**
- Bikepath
- Pedestrian Connector
- Pedestrian Trail
- Pedestrian Connectors



**Type:** Bikepath  
**Name:** Riverside Thad K to Tonti  
**Criteria:** Connection, Safety  
**Source:** 2012 Bikeway Planning  
**Priority:** High  
**Recommendation:** Staff  
**Funding:** CIP Multi-Use Path - Non-Major  
**Notes:** Added to 2014 per Marsha request

**Map Number:** 43

**Division:** Engineering

**CIP Design Year:** 2014

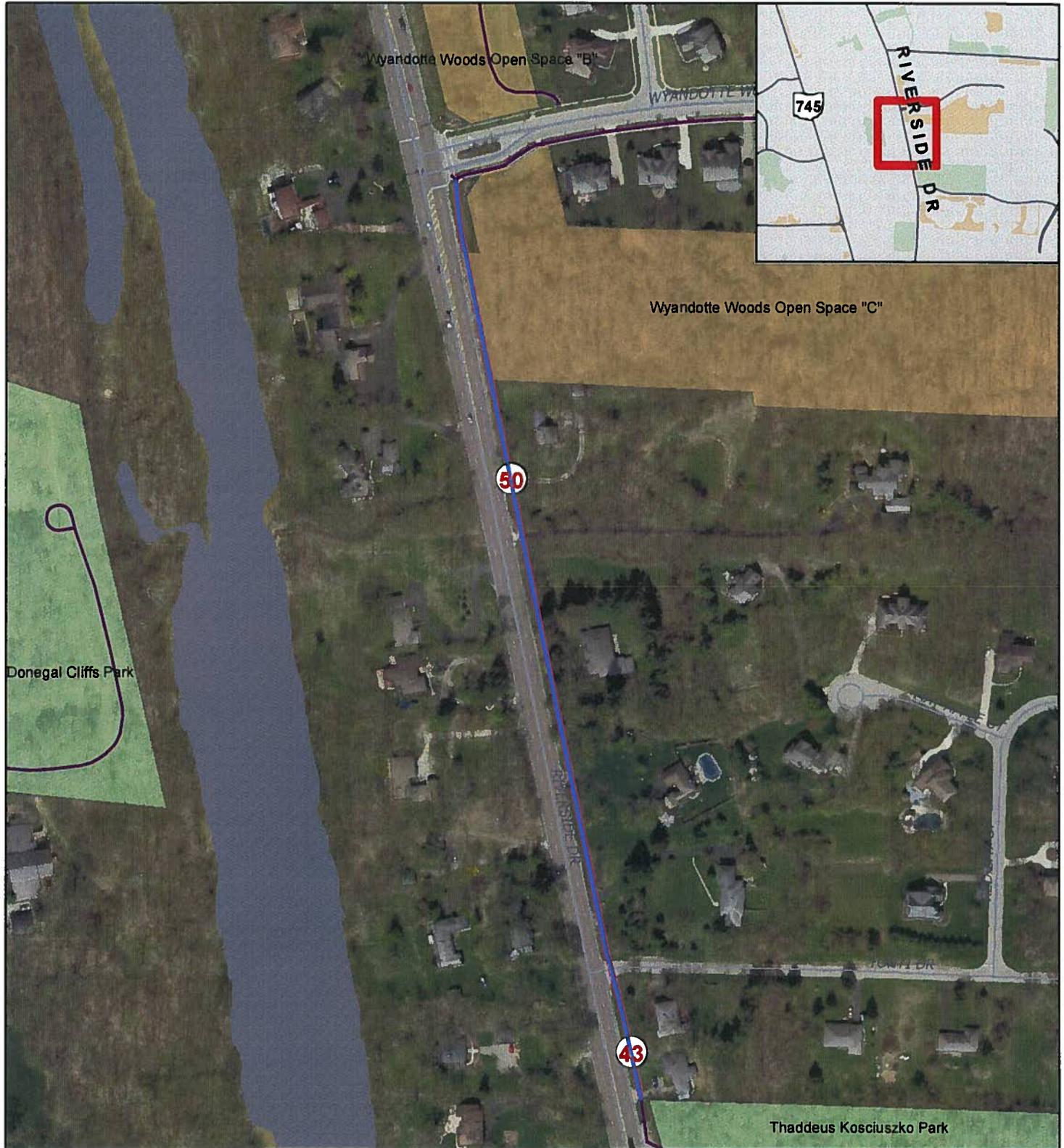
**Estimated Design Cost:** \$ 16,900

**CIP Construction Year:** 2015

**Estimated Construction Cost:** \$ 0

**Status:** Design

- Bikepath Planning
- Existing Paths**
- Bikepath
- Pedestrian Connector
- - - Pedestrian Trail
- Pedestrian Connectors



**Type:** Bikepath  
**Name:** Riverside Tonti to Wyandotte Woods  
**Criteria:** Connection, Safety  
**Source:** 2012 Bikeway Planning  
**Priority:** Low  
**Recommendation:** Staff  
**Funding:** CIP Multi-Use Path - Non-Major  
**Notes:** Lump together with broader Riverside Dr Study per 2014 bikeway mtg

**Map Number:** 50

**Division:** Engineering

**CIP Design Year:** 2018

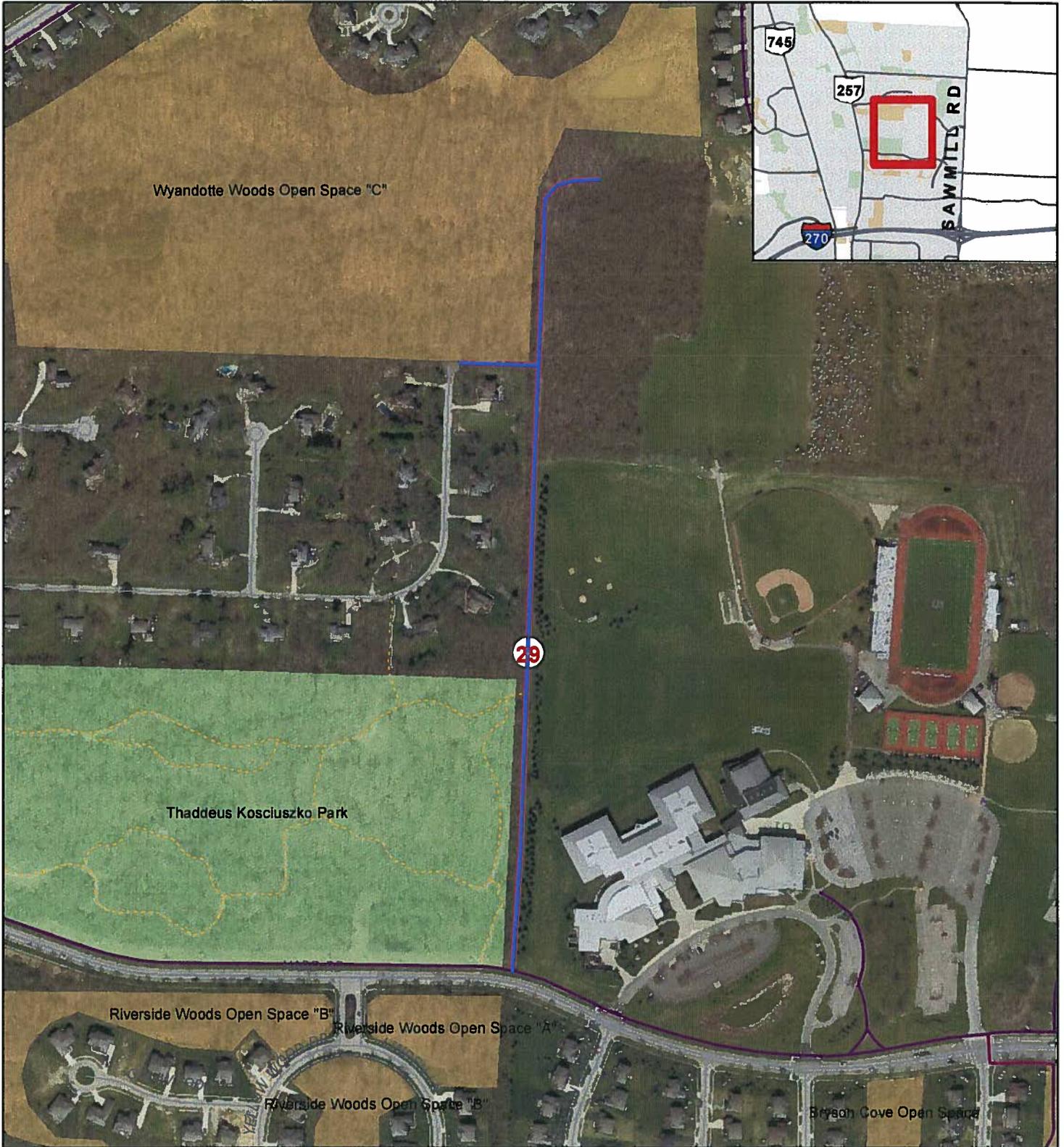
**Estimated Design Cost:** \$ 55,880

**CIP Construction Year:** 2019

**Estimated Construction Cost:** \$ 0

**Status:** Design

- Bikepath Planning
- Existing Paths**
- Bikepath
- Pedestrian Connector
- Pedestrian Trail
- Pedestrian Connectors



**Type:** Bikepath

**Map Number:** 29

**Division:** Parks

**Legend:**  
— Bikepath Planning

**Name:** Scioto High Path

**Existing Paths**

**Criteria:** Connection, Opportunity, School

— Bikepath

**Source:** 2011 Bikeway Planning

**CIP Design Year:** 2013

— Pedestrian Connector

**Priority:** Medium

**Estimated Design Cost:** \$ 107,080

- - - Pedestrian Trail

**Recommendation:** Staff

**CIP Construction Year:** 2014

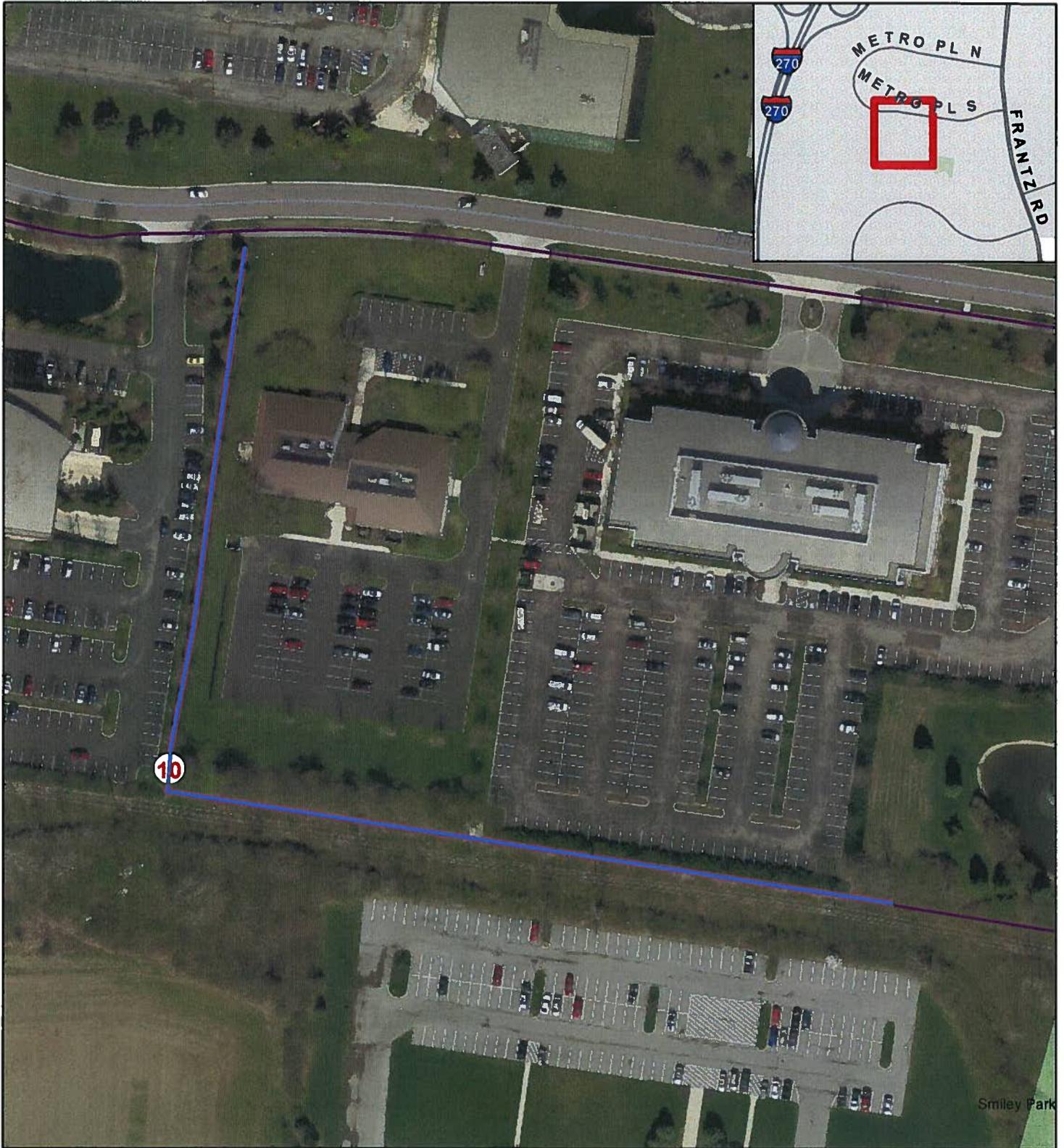
- - - Pedestrian Connectors

**Funding:** CIP Multi-Use Path - Non-Major

**Estimated Construction Cost:** \$ 0

**Notes:** Adjust path straight north then east closer to end of road Parks to request Eng Services if necessary

**Status:** Design



**Type:** Bikepath  
**Name:** Metro PL S to Smiley Park  
**Criteria:**  
**Source:** 2010 Bikeway Planning  
**Priority:** Low  
**Recommendation:** Staff  
**Funding:** CIP Multi-Use Path - Non-Major  
**Notes:** Pizutti TIF

**Map Number:** 10

**Division:** Engineering

**CIP Design Year:** 2015

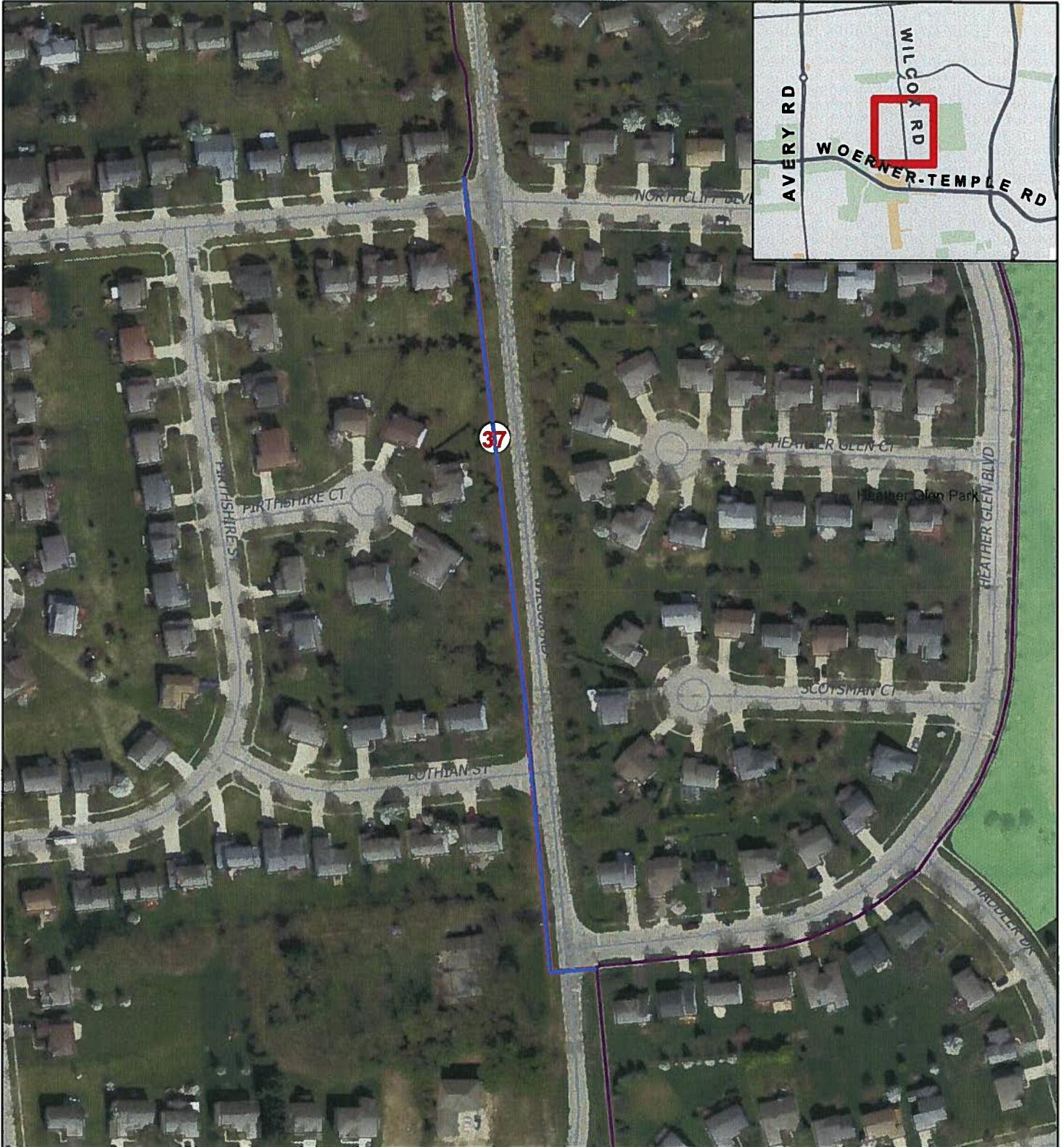
**Estimated Design Cost:** \$ 43,960

**CIP Construction Year:** 2016

**Estimated Construction Cost:** \$ 0

**Status:** Design

- Bikepath Planning
- Existing Paths**
- Bikepath
- Pedestrian Connector
- Pedestrian Trail
- Pedestrian Connectors



**Type:** Bikepath  
**Name:** Wilcox Rd  
**Criteria:**  
**Source:** 2012 Bikeway Planning  
**Priority:** Low  
**Recommendation:** Staff  
**Funding:** CIP Multi-Use Path - Non-Major  
**Notes:**

**Map Number:** 37

**Division:** Engineering

**CIP Design Year:** 2017

**Estimated Design Cost:** \$

**CIP Construction Year:**

**Estimated Construction Cost:** \$

**Status:** Design

- Bikepath Planning
- Existing Paths**
- Bikepath
- Pedestrian Connector
- Pedestrian Trail
- Pedestrian Connectors



**Type:** Bikepath  
**Name:** Post Rd west of Avery Muirfield  
**Criteria:** Connection  
 <BOL>Source:</BOL> 2007 P&R Master Plan Meetings  
**Priority:** Low  
**Recommendation:** Staff  
**Funding:** CIP-TIF  
**Notes:** Will be considered with Post Road roadway improvements

**Map Number:** 27

**Division:** Engineering

**CIP Design Year:** 2016

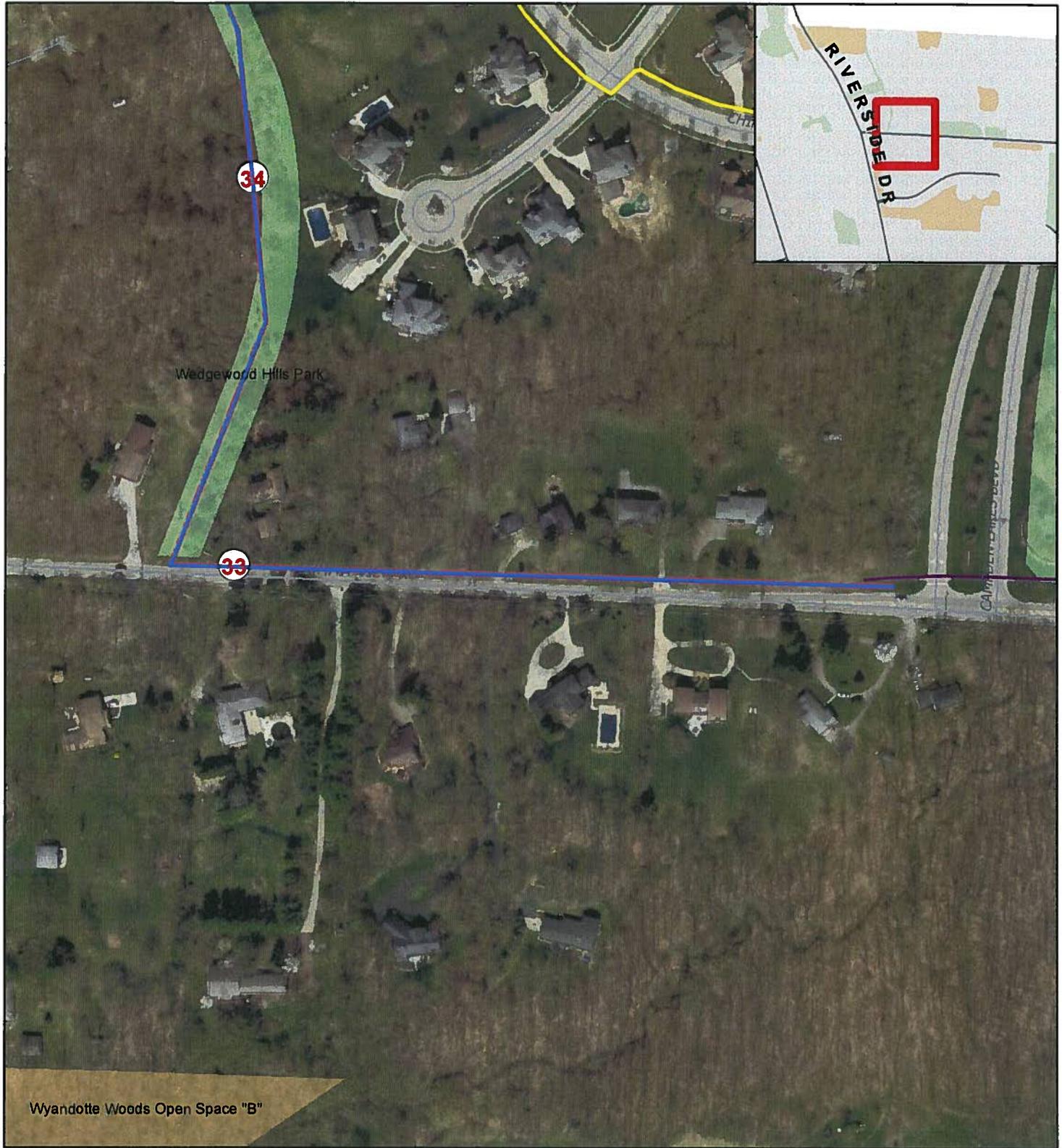
**Estimated Design Cost:** \$ 104,000

**CIP Construction Year:** 2018

**Estimated Construction Cost:** \$ 0

**Status:** Awaiting Progress

- Bikepath Planning
- Existing Paths**
- Bikepath
- Pedestrian Connector
- - - Pedestrian Trail
- Pedestrian Connectors

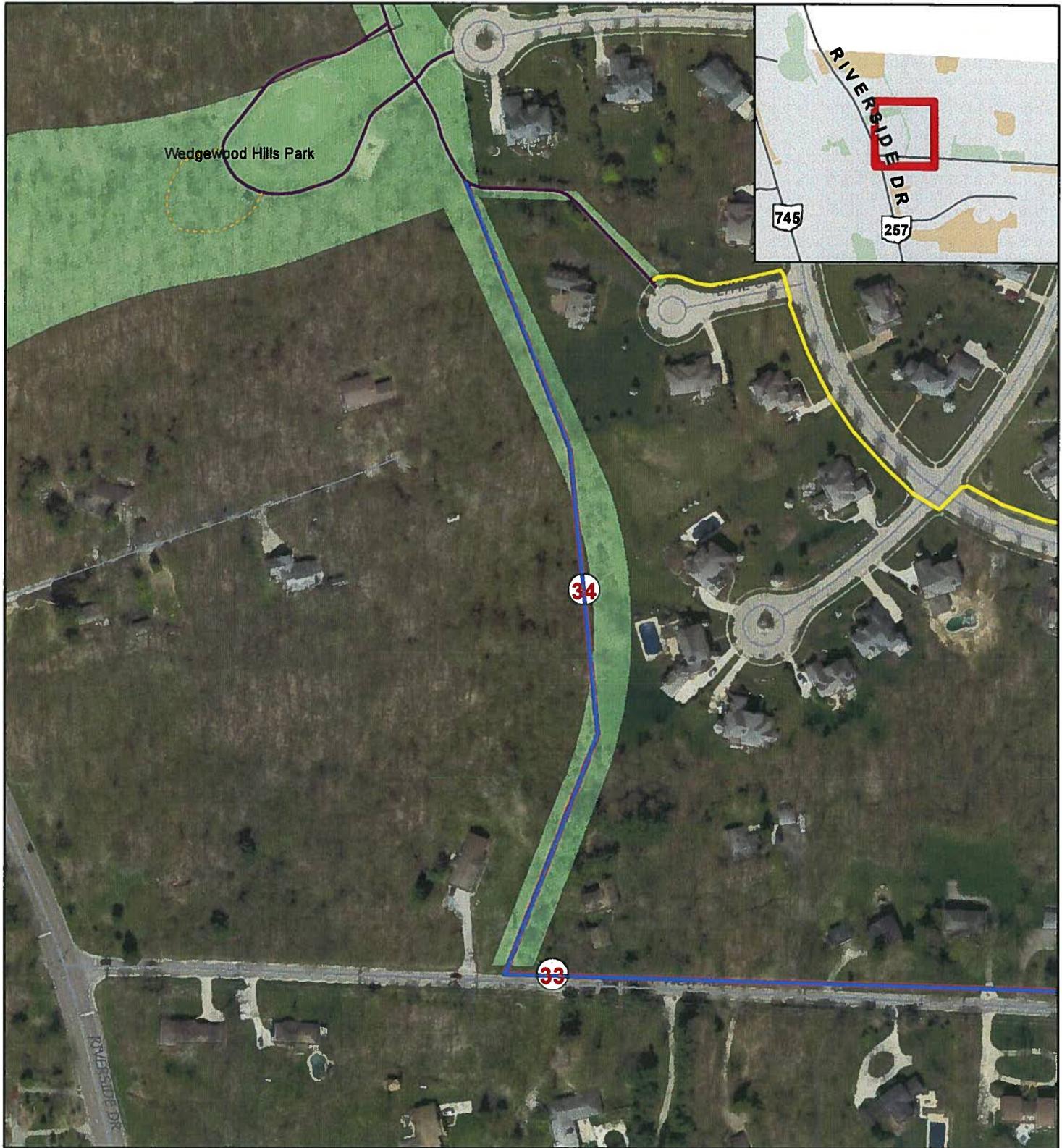


**Type:** Bikepath  
**Name:** Summit View  
**Criteria:**  
**Source:** 2011 Bikeway Planning  
**Priority:** Low  
**Recommendation:** Staff  
**Funding:** CIP Multi-Use Path - Non-Major  
**Notes:** Lump together with broader Riverside Dr Study per 2014 bikeway mtg

**Map Number:** 33

**Division:** Engineering  
**CIP Design Year:** 2016  
**Estimated Design Cost:** \$ 42,640  
**CIP Construction Year:** 2017  
**Estimated Construction Cost:** \$ 0  
**Status:** Awaiting Progress

- Bikepath Planning
- Existing Paths**
- Bikepath
- Pedestrian Connector
- Pedestrian Trail
- Pedestrian Connectors



**Type:** Bikepath

**Name:** Wedgewood Hill ROW

**Criteria:**

**Source:** 2010 Bikeway Planning

**Priority:** Low

**Recommendation:** Staff

**Funding:** CIP Multi-Use Path - Non-Major

**Notes:** Lump together with broader Riverside Dr Study per 2014 bikeway mtg

**Map Number:** 34

**Division:** Parks

**CIP Design Year:** 2015

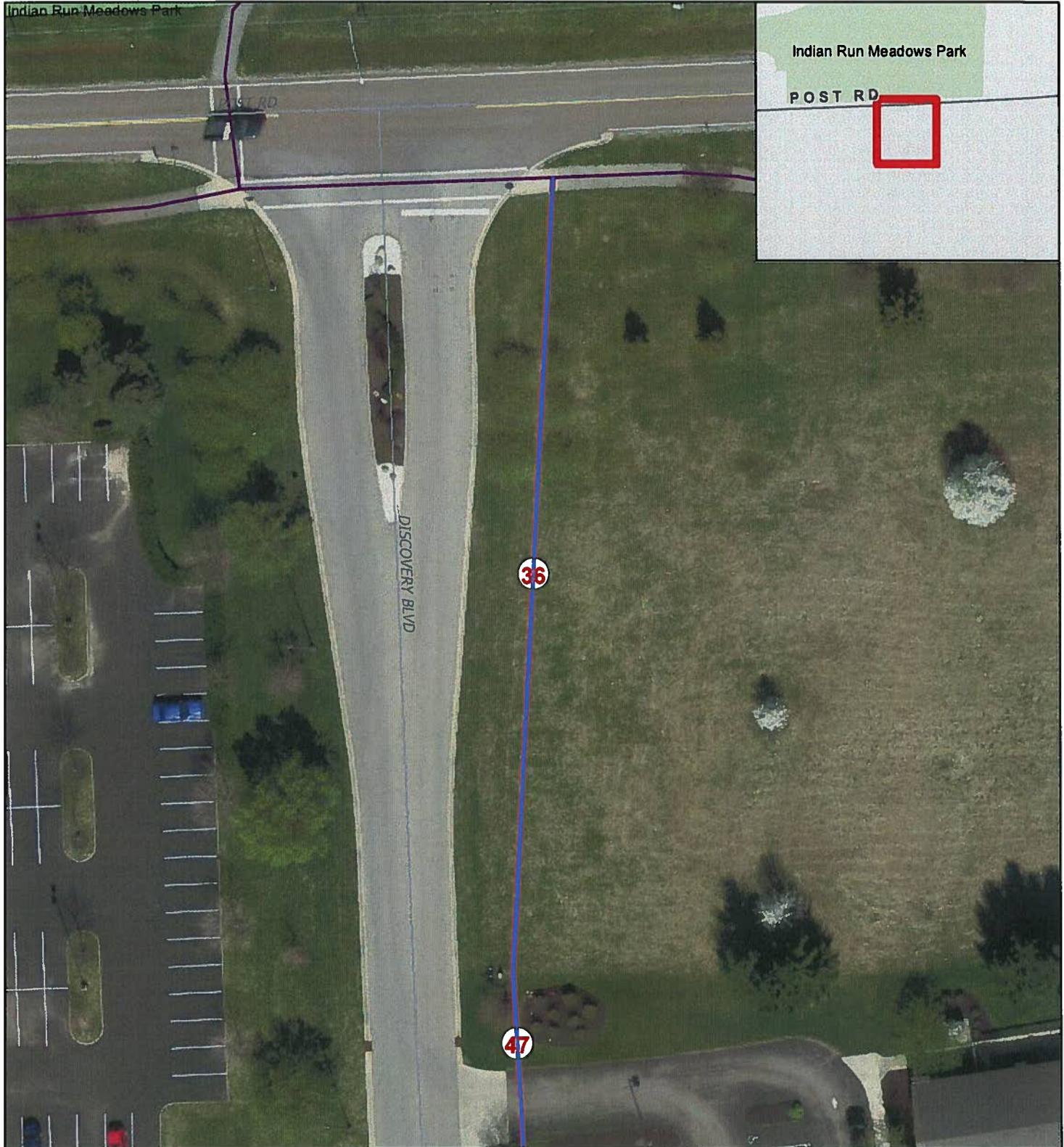
**Estimated Design Cost:** \$ 49,400

**CIP Construction Year:** 2019

**Estimated Construction Cost:** \$ 0

**Status:** Awaiting Progress

- Bikepath Planning
- Existing Paths**
- Bikepath
- Pedestrian Connector
- - - Pedestrian Trail
- Pedestrian Connectors



**Type:** Bikepath

**Map Number:** 36

**Division:** Engineering

**Name:** Discovery from Daycare to Post

**CIP Design Year:** 2014

**Criteria:**

**Source:** 2012 Bikeway Planning, Corporate Citizens

**Estimated Design Cost:** \$ 10,500

**Priority:** Low

**Recommendation:** Citizens

**CIP Construction Year:** 2015

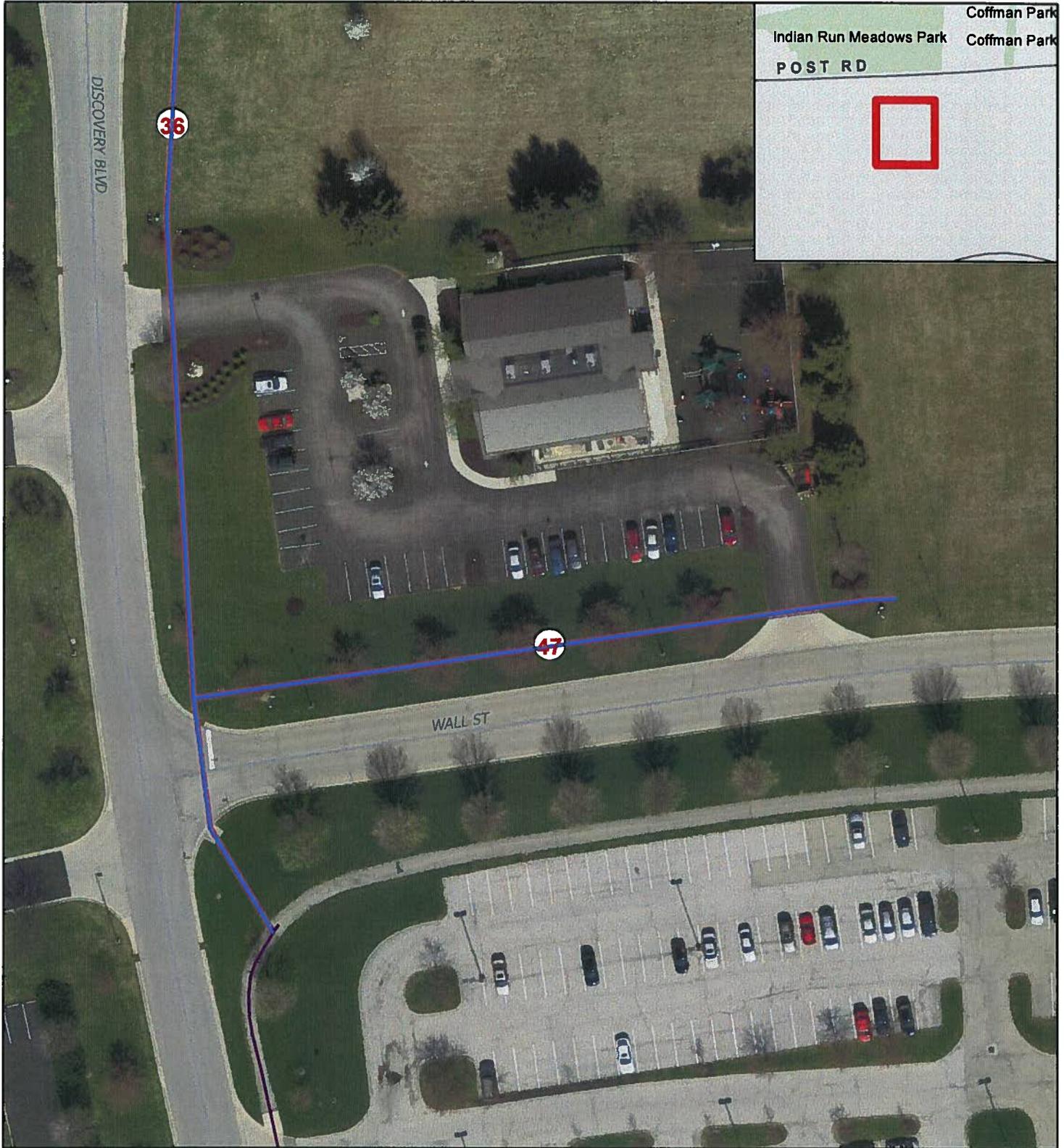
**Funding:** CIP Multi-Use Path - Non-Major

**Estimated Construction Cost:** \$ 0

**Notes:**

**Status:** Design

- Bikepath Planning
- Existing Paths**
- Bikepath
- Pedestrian Connector
- Pedestrian Trail
- Pedestrian Connectors



**Type:** Bikepath  
**Name:** Daycare Corner Discovery and Wall St to Post  
**Criteria:**  
**Source:** 2012 Bikeway Planning, Corporate Citizens  
**Priority:** Medium  
**Recommendation:** Citizens  
**Funding:** CIP Multi-Use Path - Non-Major  
**Notes:**

**Map Number:** 47

**Division:** Engineering

**CIP Design Year:** 2014

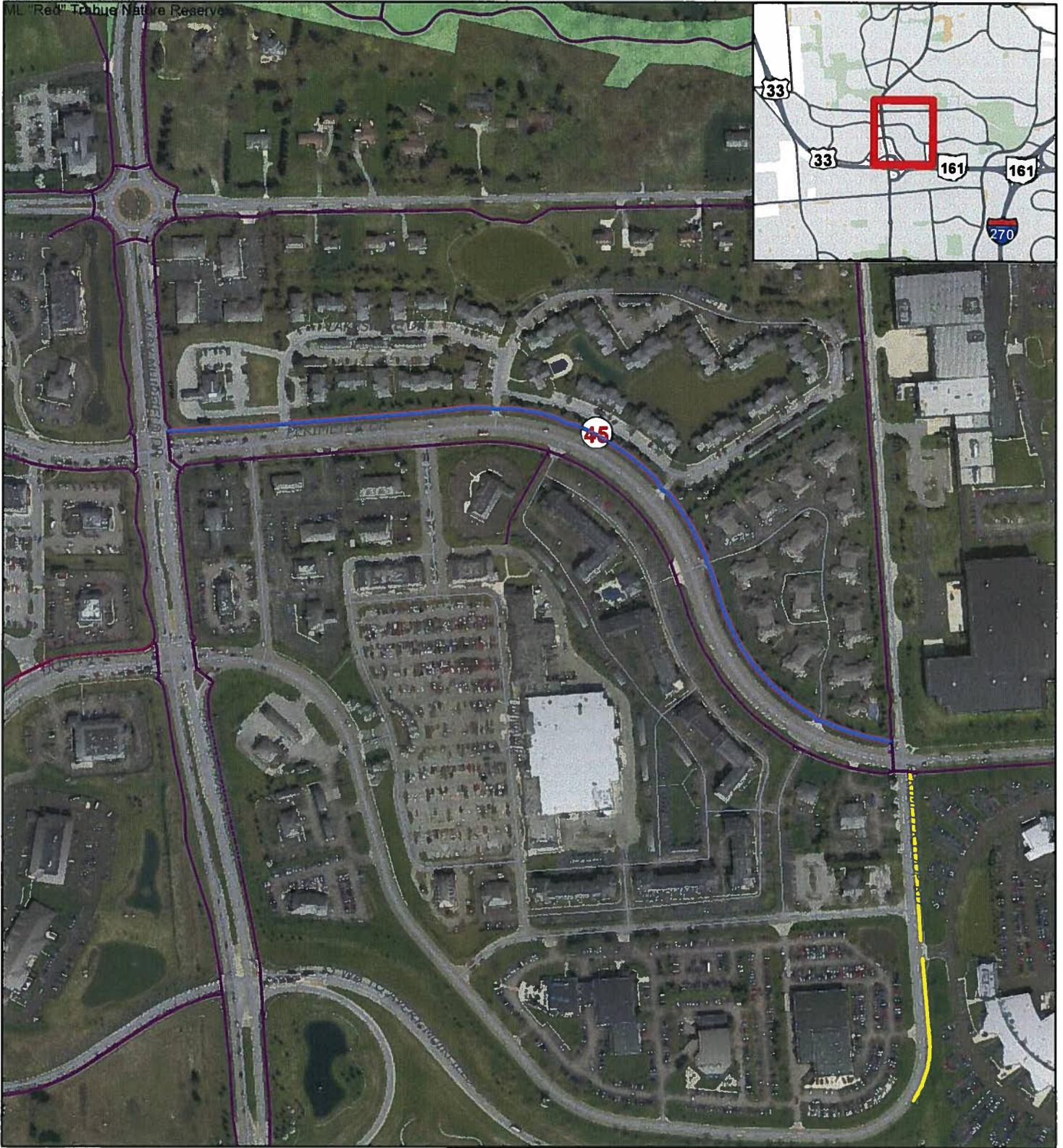
**Estimated Design Cost:** \$ 25,960

**CIP Construction Year:** 2015

**Estimated Construction Cost:** \$ 0

**Status:** Design

- Bikepath Planning
- Existing Paths**
- Bikepath
- Pedestrian Connector
- Pedestrian Trail
- Pedestrian Connectors



**Type:** Bikepath  
**Name:** Perimeter North  
**Criteria:**  
**Source:** 2013 Bikeway Planning, Letter to council  
**Priority:** Low  
**Recommendation:** Citizens  
**Funding:** CIP Multi-Use Path - Non-Major  
**Notes:** With all the residential on that side, need something

**Map Number:** 45

**Division:** Engineering

**CIP Design Year:** 2015

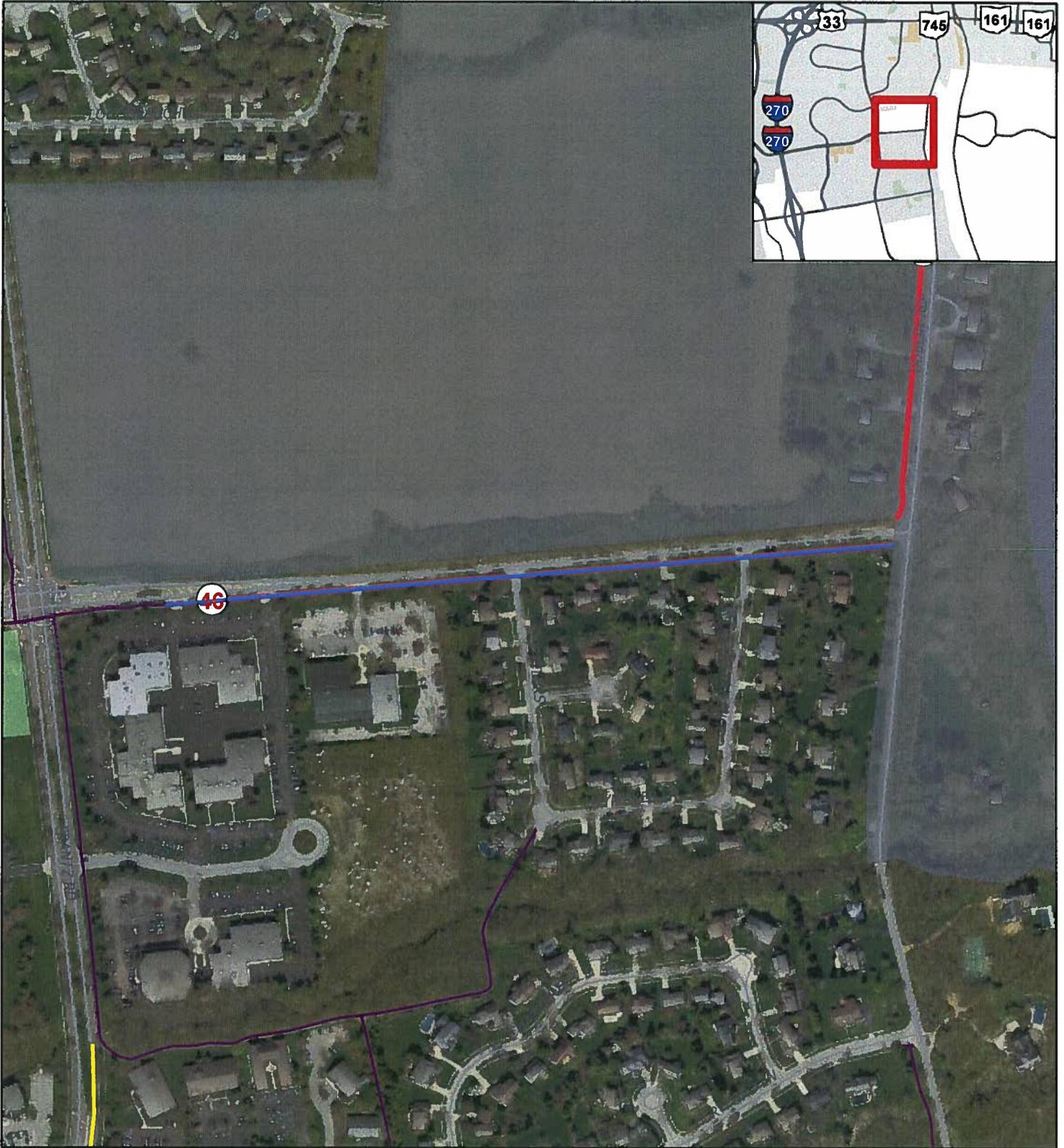
**Estimated Design Cost:** \$ 100,840

**CIP Construction Year:** 2017

**Estimated Construction Cost:** \$ 0

**Status:** Awaiting Progress

- Bikepath Planning
- Existing Paths**
- Bikepath
- Pedestrian Connector
- Pedestrian Trail
- Pedestrian Connectors



**Type:** Bikepath  
**Name:** Rings Rd from Frantz Rd to Dublin Rd  
**Criteria:**  
**Source:** 2010 Bikeway Planning, Requests, Dublin Rd Conn  
**Priority:** Low  
**Recommendation:** Citizens  
**Funding:** Future  
**Notes:** South side of Rings Rd

**Map Number:** 46

**Division:** Engineering

**CIP Design Year:** 2014

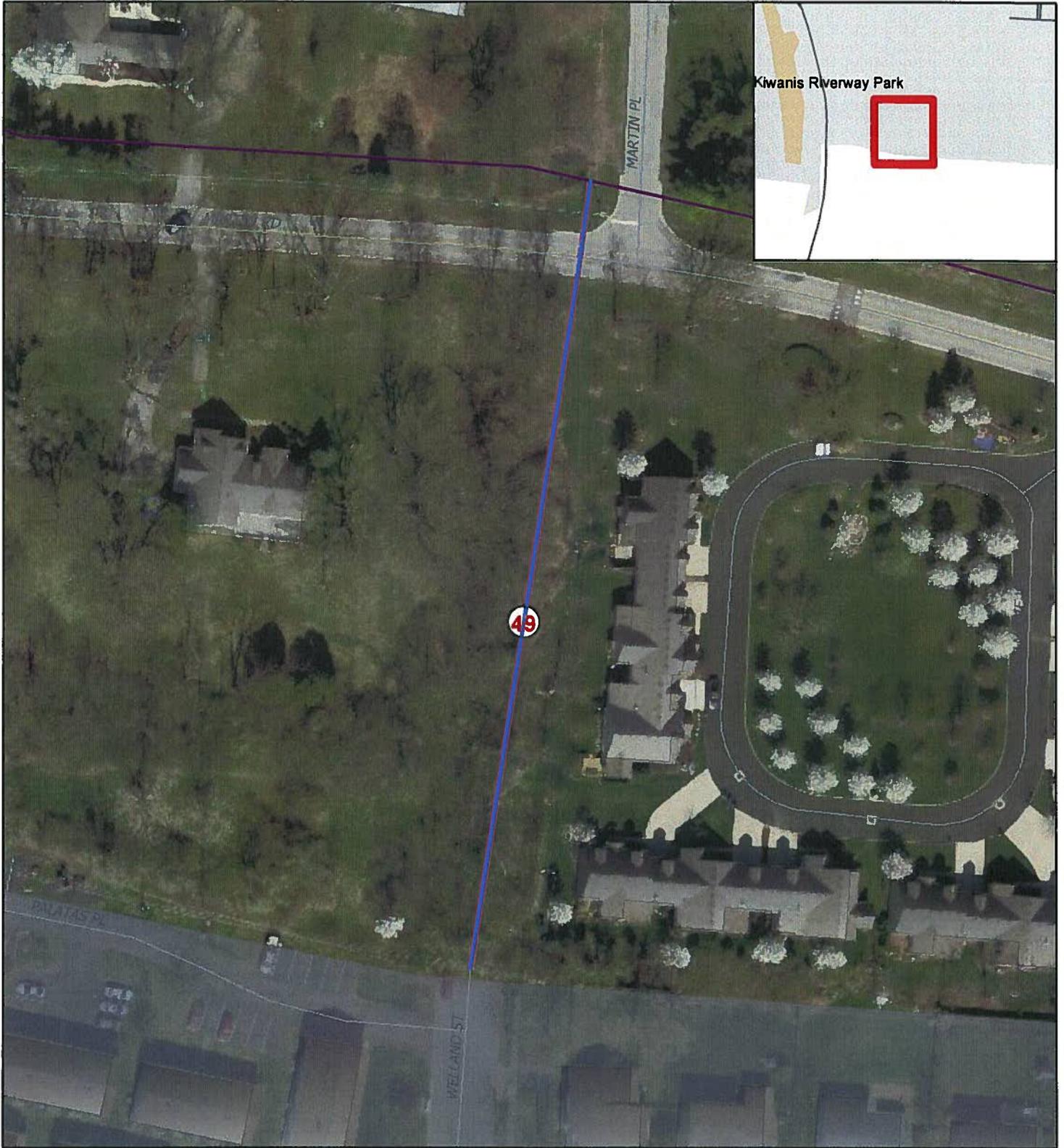
**Estimated Design Cost:** \$ 72,360

**CIP Construction Year:** 2015

**Estimated Construction Cost:** \$ 0

**Status:** Awaiting Progress

- Bikepath Planning
- Existing Paths**
- Bikepath
- Pedestrian Connector
- Pedestrian Trail
- Pedestrian Connectors



**Type:** Bikepath

**Name:** Martin Pl Connector

**Criteria:** Safety

**Source:** CIP Meeting

**Priority:** High

**Recommendation:** Citizens

**Funding:** CIP Multi-Use Path - Non-Major

**Notes:** To provide connection to Welland to get to school

**Map Number:** 49

**Division:** Engineering

**CIP Design Year:**

**Estimated Design Cost:** \$

**CIP Construction Year:** 2015

**Estimated Construction Cost:** \$ 0

**Status:** Design

 Bikepath Planning

**Existing Paths**

 Bikepath

 Pedestrian Connector

 Pedestrian Trail

 Pedestrian Connectors



**Type:** Bikepath  
**Name:** Dublin Rd Tuttle to Limestone Ridge Dr  
**Criteria:**  
**Source:** 2010 Bikeway Planning, Citizens, Regional Partners  
**Priority:**  
**Recommendation:** Citizens  
**Funding:** CIP Multi-Use Path - Non-Major  
**Notes:** Prelim Eng 2015 per 2014 bikeway meeting

**Map Number:** 24

**Division:** Engineering

**CIP Design Year:** 2015

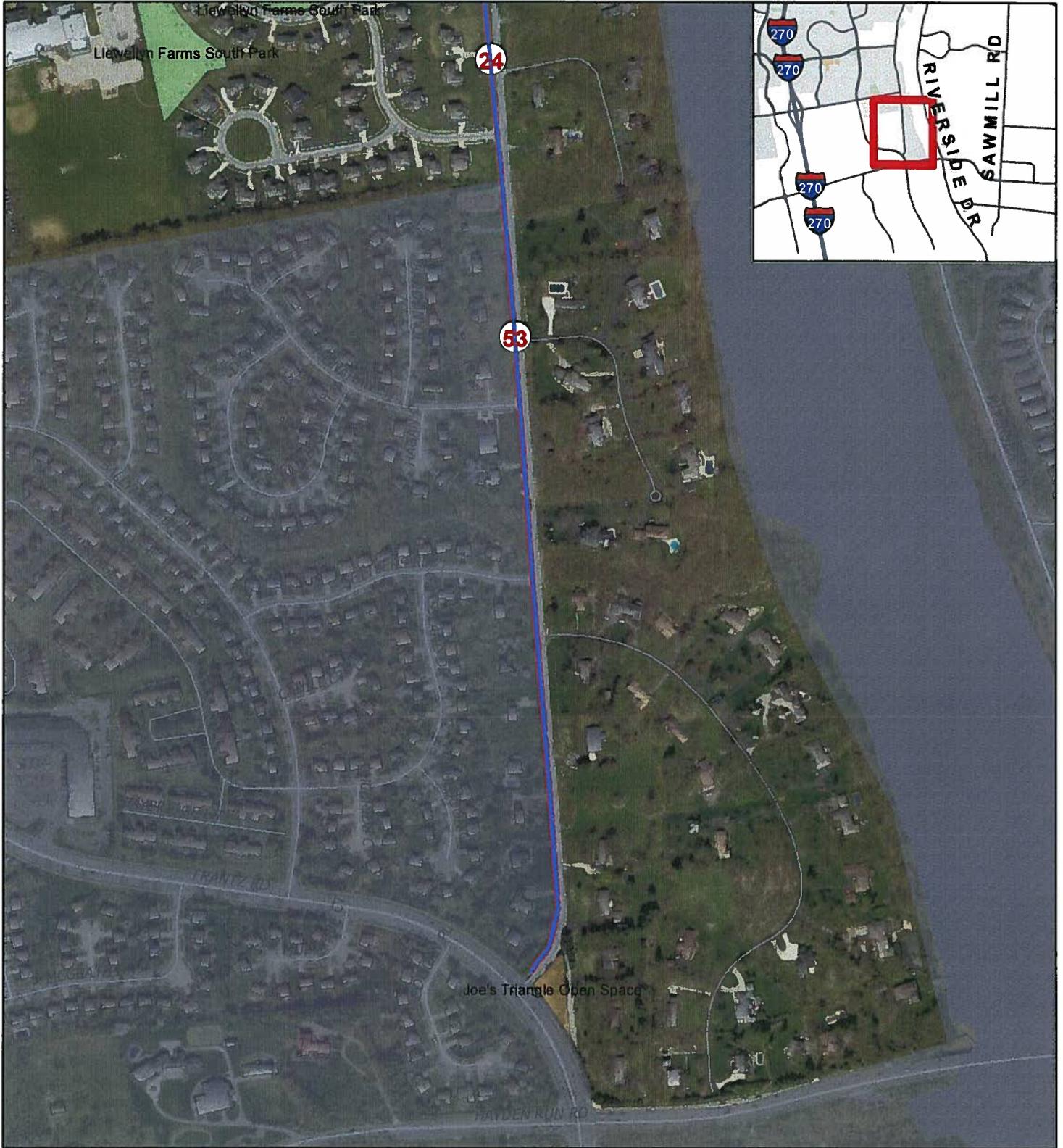
**Estimated Design Cost:** \$

**CIP Construction Year:** 2016

**Estimated Construction Cost:** \$

**Status:**

- Bikepath Planning
- Existing Paths**
- Bikepath
- Pedestrian Connector
- Pedestrian Trail
- Pedestrian Connectors

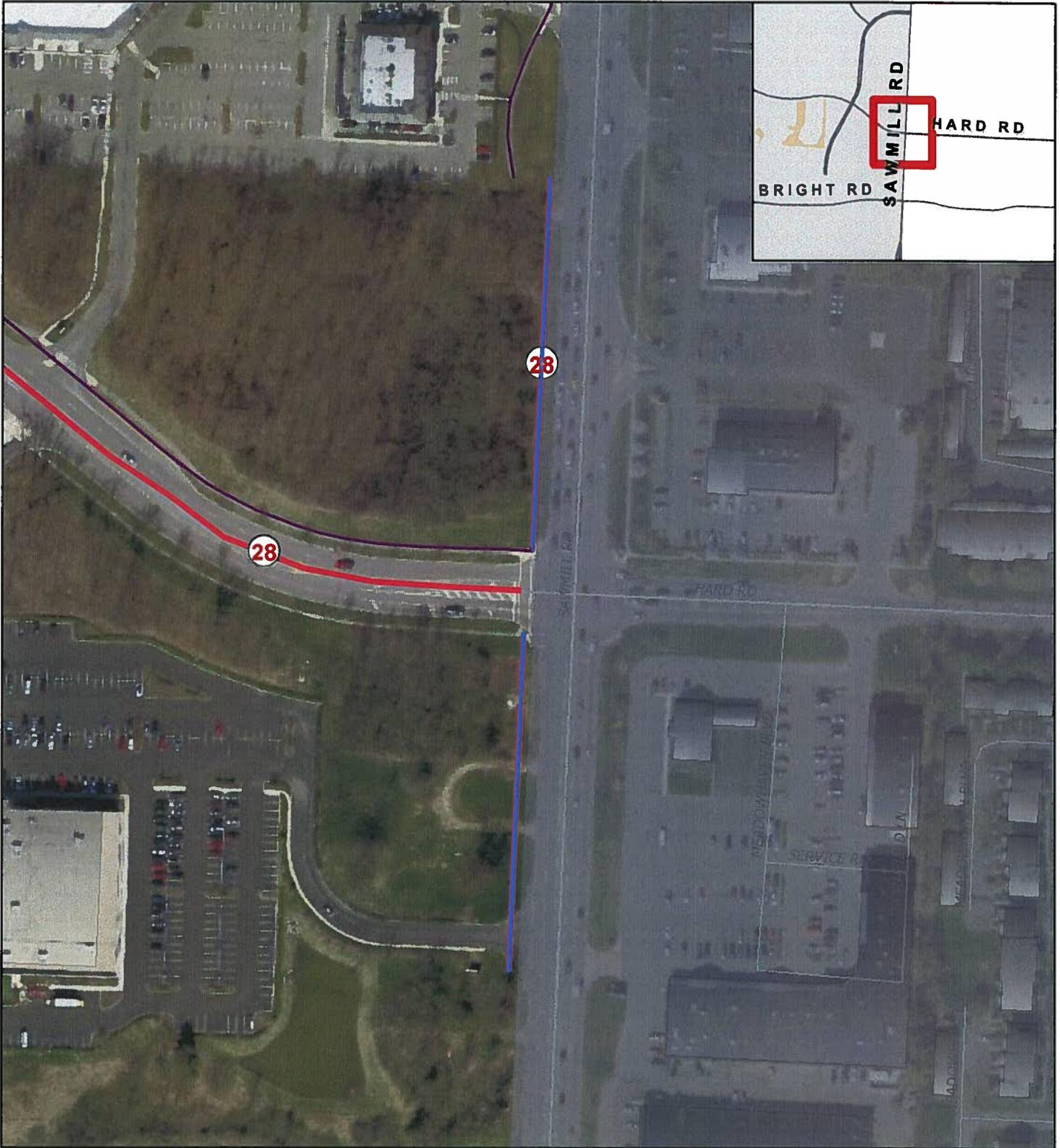


**Type:** Bikepath  
**Name:** Dublin Rd Limestone Ridge Dr to Frantz  
**Criteria:**  
**Source:** 2010 Bikeway Planning, Citizens, Regional Partners  
**Priority:**  
**Recommendation:** Staff  
**Funding:**  
**Notes:** Work with Columbus

**Map Number:** 53

**Division:**  
**CIP Design Year:** 2019  
**Estimated Design Cost:** \$  
**CIP Construction Year:** 2020  
**Estimated Construction Cost:** \$  
**Status:** Awaiting Progress

- Bikepath Planning
- Existing Paths**
- Bikepath
- Pedestrian Connector
- - - Pedestrian Trail
- Pedestrian Connectors



**Type:** Bikepath

**Name:** Hard and Sawmill

**Criteria:**

<BOL>Source:</BOL> 2007 P&R Master Plan Meetings

**Priority:**

**Recommendation:** Staff

**Funding:** CIP-TIF

**Notes:** Lifetime/Kroger TIFs

**Map Number:** 28

**Division:** Engineering

**CIP Design Year:**

**Estimated Design Cost:** \$

**CIP Construction Year:**

**Estimated Construction Cost:** \$

**Status:** Awaiting Progress

 Bikepath Planning

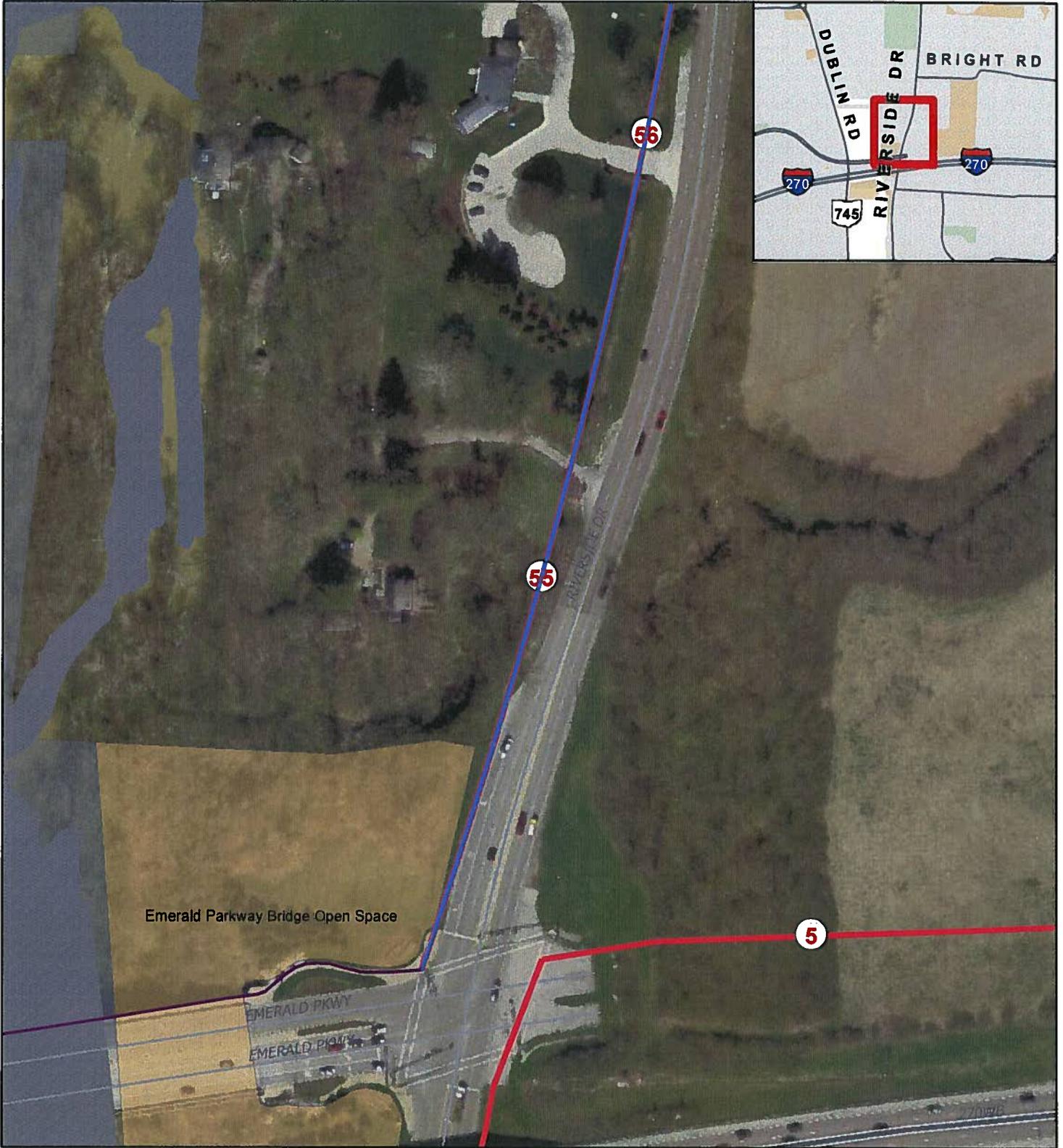
**Existing Paths**

 Bikepath

 Pedestrian Connector

 Pedestrian Trail

 Pedestrian Connectors

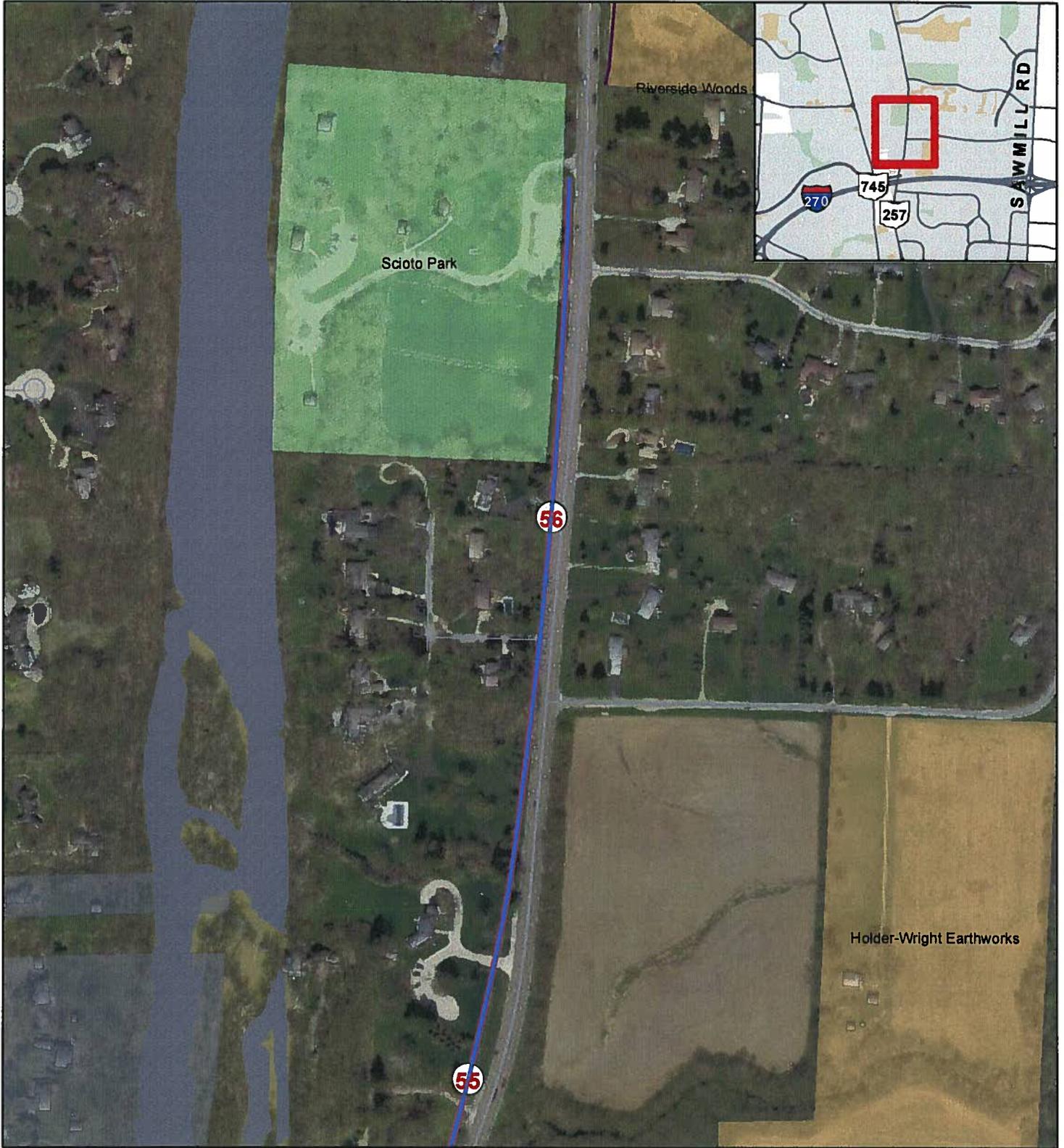


**Type:** Bikepath  
**Name:** Riverside Dr - Emerald Pkwy to DAC  
**Criteria:**  
**Source:** Staff, Council  
**Priority:**  
**Recommendation:** Staff  
**Funding:** CIP Multi-Use Path - Non-Major  
**Notes:**

**Map Number:** 55

**Division:**  
**CIP Design Year:** 2015  
**Estimated Design Cost:** \$  
**CIP Construction Year:** 2016  
**Estimated Construction Cost:** \$  
**Status:**

- Bikepath Planning
- Existing Paths**
- Bikepath
- Pedestrian Connector
- Pedestrian Trail
- Pedestrian Connectors



**Type:** Bikepath  
**Name:** Riverside, DAC to Scioto Park  
**Criteria:**  
**Source:** Staff, Council  
**Priority:**  
**Recommendation:** Staff  
**Funding:** CIP Multi-Use Path - Non-Major  
**Notes:**

**Map Number:** 56

**Division:**  
**CIP Design Year:** 2020  
**Estimated Design Cost:** \$  
**CIP Construction Year:** 2020  
**Estimated Construction Cost:** \$  
**Status:**

- Bikepath Planning
- Existing Paths**
- Bikepath
- Pedestrian Connector
- - - Pedestrian Trail
- Pedestrian Connectors



## **2015- 2019 Capital Improvements Program**

### **Transportation – Non-Major Projects**

**AT1506**     **Annual Sidewalk Program** - This is an annual allocation to replace deficient sidewalks throughout the City. A condition assessment was completed by the Division of Engineering and the replacements will be made based on this assessment. A component of the program is the replacement of the street trees where necessary. Paying for the cost of sidewalk repairs is unique to the City of Dublin. The more common practice is for the property owner to bear the cost of sidewalk repairs.

In order to take advantage of economies of scale, the City will allocate funds every other year in the amount \$250,000. Based on this schedule, funds are programmed in 2014, 2016 and 2018.

**AT1507**     **Annual Parking Lot Maintenance** – This project is administered by the Division of Engineering and is completed in conjunction with the Annual Street Maintenance Program. Timing and completion is based on a comprehensive analysis of all City-owned parking lots. With the Parking lot maintenance being completed in 2014 at Avery Park and Darree Fields, and the Service Center front parking lot being programmed for repairs in 2015, the major work on parking lots will be complete. Funding in the amount of \$100,000 annually is programmed in 2015-2019 as an allocation for future needs.

**AT1508**     **Annual Pedestrian Tunnel Maintenance** – This is an annual allocation for maintenance identified during a previous assessment and condition analysis of the pedestrian tunnels. Additional funds were programmed in 2013 and 2014 to expedite the repairs of the tunnels with more pressing needs. Another inspection will be completed in late summer 2014 by the City's Engineering staff. From the results of that inspection, necessary improvements will be prioritized for future years.

**AT1510**     **Annual Guardrail Replacement and Maintenance** – This annual allocation will allow for the wood guardrails within Dublin to be maintained and/or replaced in compliance with current standards. Street & Utilities staff are responsible for the repair and replacement of guardrails, whether it be timber or steel. Engineering staff has provided support and technical assistance to the Streets & Utilities staff when requested.



## **2015- 2019 Capital Improvements Program**

### **Transportation – Non-Major Projects**

- AT1511**     **Annual Bike Rack Installation** – The City, as well as the Bicycle Advisory Task Force (BATF), identified the need for additional bike racks as a result of the increased use of bicycles in the City. Those installations are on-going and an annual allocation is provided. Racks will consist of a mix of standard, custom and functional sculpture bike racks based on location and need.
- ET0403**     **Pedestrian Tunnels** - A pedestrian tunnel study was adopted by City Council on December 15, 2003. This study included a priority listing of tunnel locations to be programmed. A tunnel at Brand Road/Bristol Parkway was completed in 2005/2006 and Dublin Road/River Forest Road was completed in 2006. Funding is not programmed in this five year period for additional pedestrian tunnel projects.
- ET1118**     **Riverside Drive (State Route 257)/Hard Road Turn Lane** – To improve traffic operations and safety at this intersection, programming is provided to install a northbound right turn lane from Riverside Drive to Hard Road. The project will include new pavement, grading, shoulder work and drainage. Design has been completed and construction is scheduled for completion in 2014. This project is funded out of the State Highway Fund.
- ET1303**     **Bridge Street School Flasher**– Design was programmed in 2013 and construction in 2014 for replacement of the mast arm and school flasher on west bound Bridge Street. This will provide for improved visibility. Funding includes a new electronic sign in the eastbound direction (east of Monterey Drive) to indicate whether the school zone or regular speed limit is in force. This project is funded out of the State Highway Fund.

# **10-Transportation Major**

CITY OF DUBLIN  
 CAPITAL IMPROVEMENT PROJECTS  
 2015-2019

REF. NO.	PROJECT DESCRIPTION	PRIOR YEARS (\$000)	2014	2015	2016	2017	2018	2019	TOTAL 15-19	BEYOND 2019	TOTAL TO BE BUDGETED
<b>TRANSPORTATION / MAJOR PROJECTS</b>											
ET0103	Tuttle Crossing Blvd. Ext.-Wilcox Road to Avery Road/Avery Road Widening - Tuttle Crossing to Rings Road East, phase 1 (TIF)	145	230	1,900	0	0	0	0	1,900	11,775	13,675
ET0104	Emerald Parkway, phase 8, Tuller/John Shields Parkway/Riverside Drive (TIF)	4,997	8,865	5,400	75	0	0	0	5,475	0	5,475
ET1119	Relocated Rings Road (Churchman Road)	0	235	350	2,250	100	0	0	2,700	790	3,490
ET1202	Frantz Road Utility Burial (TIF)	126	2,000	10	0	0	0	0	10	0	10
ET0810	Frantz Road-Dublin Road Connector (TIF)	229	0	2,650	55	0	0	0	2,705	0	2,705
ET1101	Railroad Quiet Zone - Houchard to Leap	10	0	485	0	0	0	0	485	0	485
ET1402	Avery Road Widening - Rings Road E. to Woerner Temple, phase 2 (TIF)	180	605	165	0	0	0	0	165	7,360	7,525
ET1301	West Innovation Park Infrastructure - Onsite (TIF)	0	355	2,300	0	0	0	0	2,300	3,590	5,890
ET1403	West Innovation Park Infrastructure - Offsite (TIF)	0	0	150	0	0	0	0	150	8,035	8,185
NEW	Riverside Drive Realignment (TIF)	3,675	490	5,450	75	0	0	0	5,525	0	5,525
NEW	John Shields Parkway, phase 1 (TIF)	0	1,330	0	0	0	0	0	0	0	0
NEW	John Shields Parkway, phase 2 (TIF)	0	4,600	10,100	0	0	0	0	10,100	0	10,100
NEW - ET1407	Dale Drive / Tuller Ridge Drive Temporary Connector (TIF)	0	2,485	0	0	0	0	0	0	0	0
NEW	Dale Drive Rehabilitation (TIF)	0	0	0	0	900	100	0	1,000	7,500	8,500
NEW	Academic Drive, phase 1 (TIF)	0	1,040	5	0	0	0	0	5	0	5
NEW	Post Road Improvement	0	0	0	0	0	400	150	550	2,800	3,350
<b>Intersection Improvements:</b>											
ET0410	Avery-Muirfield/Perimeter Loop/Perimeter Drive (TIF)	3,198	500	650	0	3,500	85	0	4,235	5,100	9,335
ET0508	Riverside Drive/SR161 (TIF)	5,608	2,680	7,790	0	0	0	0	7,790	0	7,790
ET0511	Avery-Muirfield/Tullymore/Valley Stream/Avery Road	75	55	400	65	0	0	0	465	0	465
ET0605	Sawmill Road/Hard Road (TIF)	454	905	1,900	5	0	0	0	1,905	0	1,905
ET0809	Hyland Croy-McKtrick Road	0	180	50	0	1,220	0	0	1,270	0	1,270
ET1401	I-270/US 33 Interchange Improvements, phase 1 (TIF)	3,899	6,045	11,165	0	0	0	0	11,165	0	11,165
NEW	I-270 AEP Overhead to Underground Crossing (TIF)	0	0	805	0	0	0	0	805	0	805
ET1003	Dublin Road and Glick Road	193	1,800	5	0	0	0	0	5	0	5
ET1102	US 33/SR 161/Post Road Interchange Improvements (TIF)	34	75	2,600	0	85	0	0	2,685	0	2,685
ET1521	Muirfield Drive/Memorial Drive Alternatives Analysis	0	50	0	0	0	0	0	0	1,955	1,955
ET1302	SR 161/Hyland Croy Road Temporary Improvement (TIF)	0	40	0	300	0	0	0	300	0	300
ET1406	Avery Road/Brand Road (TIF)	0	50	0	0	0	0	0	0	1,150	1,150
<b>Bikeway Connections / Additions:</b>											
ET1203	Dublin Road South	1,095	130	1,405	0	0	0	0	1,405	0	1,405
ET1204	Glick Road	278	120	810	0	0	0	0	810	0	810
ET1104	Muirfield Drive Bike Lanes	125	2,830	0	0	0	0	0	0	0	0
8/7/2014	<b>TOTAL</b>	<b>24,321</b>	<b>37,695</b>	<b>56,545</b>	<b>2,825</b>	<b>5,805</b>	<b>595</b>	<b>150</b>	<b>65,910</b>	<b>50,055</b>	<b>115,965</b>

- Projected increase
- Projected decrease
- Shift in project year
- New Project

CITY OF DUBLIN  
 CAPITAL IMPROVEMENT PROJECTS  
 2014-2018

REF. NO.	PROJECT DESCRIPTION	PRIOR YEARS (\$000)	2013	2014	2015	2016	2017	2018	TOTAL 14-18	BEYOND 2018	TOTAL TO BE BUDGETED
<b>TRANSPORTATION / MAJOR PROJECTS</b>											
ET0103	Road widening - Tuttle Crossing to Rings Road East (phase 1) (TIF)	13	365	1,900	0	0	0	0	1,900	11,075	12,975
ET0104	Emerald Parkway-Riverside Drive to Billingsley Creek (TIF)	4,717	9,500	3,040	175	0	0	0	3,215	0	3,215
ET1119	Relocated Rings Road (Churchman Road)	0	250	0	350	2,800	100	0	3,250	2,225	5,475
ET1202	Frantz Road utility burial (TIF)	105	300	1,700	0	0	0	0	1,700	0	1,700
ET0810	Frantz Road-Dublin Road connector (TIF)	229	0	2,650	0	55	0	0	2,705	0	2,705
ET1101	Railroad Quiet Zone - Houchard to Leap	10	0	485	0	0	0	0	485	0	485
ET1402	Avery Road widening - Rings Road East to Woerner Temple (phase 2) (TIF)	0	85	530	0	0	0	0	530	7,340	7,870
ET1403	Riverside Drive realignment	3,675	0	175	9,500	150	0	0	9,825	0	9,825
ET1404	Dublin Village Center roadway network phase 1	0	0	6,000	0	0	0	0	6,000	0	6,000
<b>Intersection Improvements:</b>											
ET0405	Hyland-Croy Road/Brand Road (TIF)	572	3,200	30	0	0	0	0	30	0	30
ET0410	Avery-Muirfield/Perimeter Loop/Perimeter Drive (TIF)	3,198	0	500	650	0	3,500	75	4,725	5,100	9,825
ET0508	Riverside Drive/SR161 (TIF)	254	5,330	190	3,500	290	0	0	3,980	0	3,980
ET0511	Avery-Muirfield/Tullymore/Valley Stream/Avery Road	130	0	0	445	0	0	0	445	0	445
ET0605	Sawmill Road/Hard Road (TIF)	319	210	2,455	0	0	0	0	2,455	0	2,455
ET0809	Hyland Croy-McKittrick Road	0	180	50	0	0	1,220	0	1,270	0	1,270
ET1401	I-270/US 33 interchange phase 1 improvements (TIF)	501	3,750	5,500	8,000	0	0	0	13,500	0	13,500
ET1003	Dublin Road and Glick Road	193	60	500	0	0	0	0	500	0	500
ET1102	(TIF)	109	0	1,000	0	0	0	0	1,000	155	1,155
ET1205	Coffman/Brand Road	113	1,870	65	0	0	0	0	65	0	65
ET1521	Muirfield Drive/Memorial Drive alternatives analysis	0	0	50	0	0	0	0	50	1,955	2,005
ET1302	SR 161/Hyland Croy Road (TIF)	0	0	40	0	300	0	0	340	0	340
ET1101	Avery Road/Brand Road (TIF)	0	0	50	0	0	0	0	50	1,150	1,200
<b>Shared use path connections/additions:</b>											
ET1004	Brand Road	206	700	10	0	0	0	0	10	0	10
ET1203	Dublin Road South	516	540	1,405	0	0	0	0	1,405	0	1,405
ET1204	Glick Road	278	475	630	0	0	0	0	630	0	630
ET1104	Muirfield Drive bike lanes	50	250	1,210	0	0	0	0	1,210	0	1,210
9/9/2013	<b>TOTAL</b>	<b>15,188</b>	<b>27,065</b>	<b>30,165</b>	<b>22,620</b>	<b>3,595</b>	<b>4,820</b>	<b>75</b>	<b>61,275</b>	<b>29,000</b>	<b>90,275</b>



## **2015 - 2019 Capital Improvements Program**

### **Transportation – Major Projects**

#### **Tuttle Crossing Boulevard Extension – Wilcox Road to Avery Road / Avery Road Widening – Tuttle Crossing Blvd. To Rings Road East, phase 1 (Project #ET0103)**

This project provides for the extension of Tuttle Crossing Boulevard from its current terminus at Wilcox Road to Avery Road, the construction of a multi-lane roundabout at the new intersection of Tuttle Crossing Boulevard and Avery Road, and the widening of Avery Road from the extended Tuttle Crossing Boulevard to Rings Road. The project includes the construction of a four-lane boulevard with curb and gutter, shared-use path, sidewalk, street lights, traffic signals, a shared-use path tunnel and landscaping. The need for a shared-use path tunnel under Avery Road at the future Tuttle Crossing Boulevard/Avery Road roundabout will be evaluated during the detailed design of the project.

The preliminary alignment study was funded in 2012 partially due to the National Church Residence's (NCR) ability to secure financing for the construction of one and two bedroom housing units for seniors of mixed incomes and discussions with Homewood for development of the area north of the NCR site.

The project design was programmed in 2013 and 2014. Right-of-way acquisition along Tuttle Crossing Boulevard from Wilcox Road to Avery Road is programmed in 2015 and project construction is reflected beyond 2019.

The project will be funded through service payments from the Rings/Frantz TIF, and the Thomas/Kohler TIF.



## **2015 – 2019 Capital Improvements Program**

### **Transportation – Major Projects**

#### **Emerald Parkway-phase 8, Tuller/John Shields Parkway/Riverside Drive (Project #ET0104)**

This project provides for the final phase of construction for Emerald Parkway from Riverside Drive to Billingsley Creek. It includes a four lane boulevarded section, sanitary sewer and water, street lights, and intersection improvements at Bright Road and Emerald Parkway. Design was completed in 2009. The right-of-way acquisition for the project is substantially complete. Prior year expenditures include acquisition of rights-of-way between years 1996 (Jenmar Court properties) and 2013. Construction is was programmed in 2014 with landscaping phased between 2014 and 2015.

As a result of a Traffic Operations Analysis, it was determined that current intersection spacing between Tuller Road and Emerald Parkway on Riverside Drive is too close, causing traffic back-ups from the Riverside Drive and Emerald Parkway intersection to the Riverside Drive and Tuller Road intersection. To achieve optimum intersection performance at Riverside Drive and Emerald Parkway as well as improve safety, a reconfiguration of the Tuller Road intersection is necessary. Design and construction is programmed in 2014 and 2015 for this phase of the project along with a portion of the relocation of Riverside Drive.

The project will be funded by service payments received through the McKittrick TIF Fund.



## **2015 - 2019 Capital Improvements Program**

### **Transportation – Major Projects**

#### **Relocated Rings Road (Churchman Road) (Project #ET1119)**

This project provides for the roadway extension from the existing Rings Road along the southwest boundary of the Ballantrae multi-family area, by-passing Amlin along its north side. The new road (Churchman Road) encompasses 3,600 feet of 3-laned boulevard section with landscaped median. It assumes roundabouts at the intersections of Churchman Road at Rings Road, and Churchman Road at Cosgray Road. The project also includes water and sewer extensions and landscaping.

The project is being designed for construction in phases:

Phase 1 – Churchman between Cosgray and Marmion with construction cost estimated at \$1,110,000 being paid by Edwards Land Company (developer) per the Ballantrae Agreement. Construction is planned for 2014.

Phase 2 – Churchman between Marmion and Rings with a roundabout at the Rings intersection. Site acquisition is programmed in 2015 with construction programmed in 2016.

Phase 3 – Roundabout at Cosgray Road reflected in years beyond 2019.

To the extent possible, permissive tax will be used to fund the project.



## **2015 – 2019 Capital Improvements Program**

### **Transportation – Major Projects**

#### **Frantz Road Utility Burial (Project #ET1202)**

This project provides for the burial of overhead utility lines along Frantz Road between Metro Place North and Rings Road. Right-of way acquisition and construction was programmed in 2014. Construction is expected to be completed in 2015. Landscape (tree replacement) is also programmed in 2015.

These improvements will be funded by the Pizzuti TIF. Funding has been programmed based on current service payment projections.



## **2015 – 2019 Capital Improvements Program**

### **Transportation – Major Projects**

#### **Frantz Road-Dublin Road Connector (Project #ET0810)**

This project will provide a new section of two/three lane roadway to connect Shawan Falls Drive, north of SR 161, to the east to Dublin Road. This project will provide a roadway option north and west of the Historic District and will provide access to Cardinal Health South Campus.

Construction has been deferred from 2014 to 2015 with landscape funding programmed in 2016. The project will continue to be evaluated with the progress of the Bridge Street District and the status of Cardinal Health's expansion.

Funding will be provided by the Cardinal Health South TIF and/or Bridge Street TIF.



## **2015 – 2019 Capital Improvements Program**

### **Transportation – Major Projects**

#### **Railroad Quiet Zone – Houchard Road to Leap Road (Project #ET1101)**

This project will add Supplemental Safety Measures (medians or extra gates) at each public road/rail crossing. Once the gate system is installed, locomotive horns would not routinely sound along the CSX line for seven consecutive crossings. The crossings include three in Franklin County, two in Hilliard, one in Columbus and one four-quad gate system crossing in Dublin.

The City has applied for State Capital Budget funding for the project. The project to install the crossing in the City has been deferred until 2015; however, to achieve the desired results, all crossings would need to be upgraded and it is unlikely all jurisdictions will move forward without state funding.



## **2015 - 2019 Capital Improvements Program**

### **Transportation – Major Projects**

#### **Avery Road Widening – From Rings Road East to Woerner-Temple Road, phase 2 (Project #ET1402)**

This project provides for the widening of Avery Road from Rings Road east to Woerner-Temple Road. It will include a four lane boulevard "Emerald Parkway" style section for Avery Road approximately 3,150 feet in length and includes a multi-lane roundabout at the intersection of Rings Road West; street lighting; and a bridge over Cramer Ditch.

Project design was programmed in 2014. Site acquisition is funded in 2014 and 2015, and construction and landscaping is reflected beyond 2019.

This project widens Avery Road to the maximum four lane section as included in the City's Community Plan.

Funding for this project is anticipated to be from the Thomas/Kohler TIF.



## **2015– 2019 Capital Improvements Program**

### **Transportation – Major Projects**

#### **West Innovation Park infrastructure (Project # ET1301)**

This project provides for extending utilities and road network into the Job Ready Site (JRS) at Houchard Road and Post Road/SR 161 to set conditions for new development.

##### Onsite Improvements

A master plan and traffic impact study was done for this site in 2014. A Phase 1 improvement was identified to complement development opportunities. Phase 1 includes the construction of 1,000 feet of roadway, installation of turn lanes on SR 161, the construction of site stormwater management basins, landscaping (entry feature/sign, street trees) and utility extensions. Phase 1 is programmed in 2015.

Future improvements include additional internal roadway network and utility extensions as well as roundabouts on SR 161 at the new site roadway and at the Houchard Road intersection. These future improvements are programmed beyond 2019.

##### Offsite Improvements

This project assumes 815,000 sq. ft. of general office and 760,000 sq. ft. of data centers. Should this development occur, it will necessitate the need to fund the roundabouts at the new site drive, Cosgray Road, and Houchard Road and four lane roadway connections between intersections. Currently funding is shown beyond 2019.

Funding is anticipated to be from service payment revenue from a TIF that will be created for this area. In addition, the City is seeking State Roadway Development (629) Funding to assist with this project.



## **2015 – 2019 Capital Improvements Program**

### **Transportation – Major Projects**

#### **Riverside Drive Realignment (Project #1403)**

This project provides for the realignment of Riverside Drive north of Dale Drive to Tuller Road in the Bridge Street District. Property along Riverside Drive was acquired for the project in late 2012 to provide the option to develop a future riverfront park, and allow for the relocation of Riverside Drive. Realignment design was programmed in 2014 with construction in 2015 and landscaping in 2016.

The project will be coordinated with future private development. The current McKittrick TIF legislation has been modified and in the future will be utilized to fund a portion, or all, of the project to the extent service payments are available. The projected portion of Riverside Drive realignment includes John Shields Parkway from Riverside Drive to Mooney Street and from Emerald 8 project limit on Riverside Drive south of Tuller Road to approximately 300 feet south of Riverside Drive intersection with John Shields Parkway



## **2015 – 2019 Capital Improvements Program**

### **Transportation – Major Projects**

#### **John Shields Parkway, phase 1 (Project #NEW)**

This project provides for construction of approximately 350 feet of roadway and all related appurtenances. The site is located southwest of the intersection of Tuller Road and Tuller Ridge Drive. Design and construction is programmed in 2014. Construction is required to be completed per the economic development agreement with the Vnable senior care facility.

It is anticipated that service payment revenue from the future Vnable TIF will fund this project.



## **2015 – 2019 Capital Improvements Program**

### **Transportation – Major Projects**

#### **John Shields Parkway, phase 2 (Project #NEW)**

This project provides for the second leg of John Shields Parkway from Tuller Ridge Drive to Village Parkway. Included is 2,600 feet of roadway, AEP duct bank and other public utilities. Part of this roadway is required to provide access for potential development. This project will connect to the portion of John Shields Parkway included with the realignment of Riverside Drive.

It is anticipated that service payment revenue from a future TIF will fund this project.



## **2015 – 2019 Capital Improvements Program**

### **Transportation – Major Projects**

#### **Dale Drive – Tuller Ridge Temporary Connector (Project #NEW – ET1407)**

The temporary connector will be located north of the intersection of Dale Drive and W. Dublin-Granville Road and will support the maintenance of traffic during the construction of the roundabout improvement at Riverside Drive and SR 161, and provide an alternate underground location for joint utility users in the Bridge Street District.

This project provides for 1,000 feet of roadway and ancillary storm sewer, water main, traffic control devices as well as 4,000 feet of AEP duct bank and telecommunications (Dublink) duct bank.

Design and construction is programmed in 2014 and 2015 and will be funded through service payment revenue from the future Vtable TIF.



## **2015 – 2019 Capital Improvements Program**

### **Transportation – Major Projects**

#### **Dale Drive Rehabilitation (Project #NEW)**

As Bridge Street builds out and develops, Dale Drive (from SR 161 to Tuller Road – assuming Tuller Ridge Drive is renamed Dale Drive) will be rehabilitated to be in conformance with the Bridge Street road typologies.

This project provides for re-construction of 3,000 feet of roadway and other public utilities in accordance with the standards for the Bridge Street District (granite curb, brick paver sidewalk, parking bays, street amenities, street lighting, etc). Design is programmed in 2017, right-of-way acquisition is programmed in 2018, and construction is shown beyond 2019.

It is anticipated that the project will be funded through service payment revenue from a future Bridge Street District TIF.



## **2015 – 2019 Capital Improvements Program**

### **Transportation – Major Projects**

#### **Academic Drive, phase 1 (Project #NEW)**

This project is located at SR 161 and Industrial Parkway and supports the expansion of the Ohio University Heritage College of Osteopathic Medicine (OU HCOM) campus. It will provide access both to the developing OU HCOM medical campus and adjacent undeveloped property. The funding in 2014 provides for extension of 650 feet of roadway for the campus, south of the roundabout at SR 161 and Industrial Parkway. The project also includes curb and gutter; concrete sidewalk; brick pavers; water main; storm sewer; and street lights. The roadway will include on-road bike lanes per the Bicycle Advisory Task Force recommendations. Construction is programmed for 2014 and landscaping in 2015.

Future phases of this project will be necessary, and these will be developed in conjunction with the OU Campus Master Plan.

This project will be funded by service payment revenue from the Ohio University TIF.



## **2015 – 2019 Capital Improvements Program**

### **Transportation – Major Projects**

#### **Post Road Improvement (Project #NEW)**

This project provides for the complete re-construction of the approximately 3,400 foot section of roadway along Post Road from Perimeter Drive to Avery-Muirfield Drive/Post Road roundabout. This will be a three-lane roadway (two through lanes with left turn lanes at various access points) with concrete curb and gutter, storm sewers, street lighting, and shared-use path along both the north and south sides.

Design is programmed in 2018 with site acquisition in 2019 and construction reflected beyond 2019.



## **2015 – 2019 Capital Improvements Program**

### **Transportation – Major Projects**

#### **Avery-Muirfield Drive/Perimeter Loop/Perimeter Drive (Project #ET0410)**

This project provides for the reconstruction of the intersections from signalized intersections to roundabouts. These projects were identified as future needs when the land to the west of Avery-Muirfield Drive and north of U.S. 33/S.R. 161 was rezoned. The project will provide for the construction of a two-lane roundabout at Hospital Drive/Perimeter Loop Road. The design for the project was programmed in 2014, right-of-way acquisition is programmed in 2015, construction is programmed in 2017 and landscaping is programmed in 2018. Additional long-term improvements have been programmed beyond 2019 which include construction of a roundabout at Perimeter Drive. More complex landscaping plans for the central islands are expected in this area due to the prominence of the corridor.

The funding source(s) for this project will be revenue from service payments from the modified Perimeter Center TIF, and if necessary, the Perimeter West TIF.

Included in the prior year costs for the project are the improvements completed at the Avery-Muirfield/Post Road intersection.



## **2015 – 2019 Capital Improvements Program**

### **Transportation – Major Projects**

#### **Riverside Drive/SR 161 (Project #ET0508)**

This project provides for installation of a multi-lane roundabout with appropriate pedestrian facilities. The southbound bypass lane will be retained. A shared-use path will also be incorporated in the underpass area to provide a north/south connection adjacent to the river. The design of the shared-use path connection on the east side of Riverside Drive, between the intersection and Martin Road, is also included.

The intersection will be partially framed by development as a gateway to Historic Dublin and the Riverside Drive open space. The relocation of Riverside Drive to the east of its existing location will also impact the intersection improvements.

Funding programmed in 2014 included design and site acquisition. Construction and landscaping are programmed in 2015.

The current McKittrick TIF legislation has been modified and in the future will be utilized to fund a portion, or all, of the project to the extent service payments are available.



## **2015 - 2019 Capital Improvements Program**

### **Transportation – Major Projects**

#### **Avery-Muirfield/Tullymore/Valley Stream/Avery Road (Project #ET0511)**

This project will provide for intersection improvements at the intersections of Avery-Muirfield Drive at Tullymore Drive, Valley Stream Drive, and Avery Road. The improvements will include new pavement, grading, shoulder work, drainage, and construction of medians to restrict left turning movements off Tullymore Drive, Valley Stream Drive and Avery Road.

A feasibility study was initiated in late 2005. In 2008, cost effective striping was completed to add a northbound left turn lane from Tullymore to Avery-Muirfield Drive. Design was programmed in 2013 and 2014, construction programmed in 2015 and landscape is programmed in 2016. The project design has been modified to avoid property impacts and consequently acquisition is not needed.

This project will improve traffic operations and safety and compliment the work to be completed in the Avery-Muirfield Drive Corridor. The project will be funded by permissive tax revenues.



## **2015– 2019 Capital Improvements Program**

### **Transportation – Major Projects**

#### **Sawmill Road/Hard Road (Project #ET0605)**

This project provides additional right turn lanes and modification to the traffic signal. The design has been completed, utility relocation is programmed in 2014 and construction is expected to occur in 2015. The City is working with the City of Columbus to acquire needed property along the east side of Sawmill Road. Dublin staff is working to acquire the necessary land along the west side of Sawmill Road. Engineering staff have been coordinating with the City of Columbus on the third phase of their improvements on Hard Road from Smokey Row to Sawmill Road.

Originally, as part of the Kroger Centre and Lifetime Fitness development, the developer was required to construct certain improvements to this intersection or reimburse the City for the cost of those improvements. On December 6, 2010, Council approved Ordinance 41-10 authorizing the execution of an agreement for Sawmill Partners Investment Company to transfer an approximately 7.2 acre tract of land (Oak Tree property) in lieu of a cash contribution for the improvements at the intersection of Sawmill Road and Hard Road. This tract of land will preserve an area with a significant stand of trees, including the large oak tree that resulted in Hard Road being relocated prior to its construction to preserve the tree, and will maintain the greenway along Hard Road. This tract of land also abuts Thaddeus Kosciuszko Park and provides for access to the park off of Hard Road instead of Riverside Drive.

The project will be funded by service payment revenue generated from the Lifetime Fitness and Kroger Centre TIFs.



## **2015 – 2019 Capital Improvements Program**

### **Transportation – Major Projects**

#### **Hyland-Croy Road/McKitrick Road (Project #ET0809)**

This project will improve an existing two lane county road into a single lane roundabout with curb and gutter, street lights, crosswalks, storm drainage, and landscape.

Design was programmed in 2014, right-of-way acquisition in 2015, and construction and landscaping are funded in 2017.

The developer of Tartan Ridge was required to contribute \$118,125 towards this project. This payment was made in two parts with the final payment received by the City in May 2014.



## 2015 – 2019 Capital Improvements Program

### Transportation – Major Projects

#### I-270/US 33 Interchange Improvements, phase 1 (Project # ET1401)

This project includes phase 1 of the I-270/US 33 interchange rebuild. Initially, this work included the Alternatives refinement to the preferred alternative, environmental clearances and associated preliminary engineering, final design, and some right-of-way acquisition. The project cost below is the total cost shared by all agencies. Detailed design is on schedule and is expected to be completed summer 2014. Right-of-way acquisition and utility relocation is on schedule and is expected to be completed in 2014 and construction beginning in 2015. The contract will be administered by the Ohio Department of Transportation (ODOT).

The “Preferred Alternative” was announced at an open house/public meeting held on May 16, 2013 and calls for a two-phase solution. Phase 1 of this alternative includes new ramp configurations and the elimination of the four major internal weaves. Also included in this project is the utility burial along Post Road, which is the last piece of the overhead power line between OCLC and Coffman Road. This project will improve safety and traffic flow and add capacity. The second phase of this project is expected to be needed in 10-15 years.

Additional funding will be provided by the Upper Metro TIF and Ruscilli TIF. The debt that is anticipated to fund the construction in 2015 is currently programmed to be retired by income tax revenues.

<b>270-33 Project Funding Plan</b>					
<b>Phase</b>	<b>Fiscal Year</b>	<b>Project Funding Sources</b>			
		<b>Dublin (in \$000s)</b>	<b>MORPC (in \$000s)</b>	<b>ODOT (in \$000s)</b>	<b>Total (in \$000s)</b>
<b>Preliminary Engineering</b>	2014	2,750		1,500	<b>4,250</b>
<b>Detailed Design</b>	2014	3,210		4,000	<b>7,210</b>
<b>Right-of-Way/Utilities</b>	2014-2015	4,500		8,000	<b>12,500</b>
<b>Construction</b>	2015-2017	8,000	25,000	42,000	<b>75,000</b>
<b>Utility Burial – Post Road</b>	2015	1,180			<b>1,180</b>
<b>Landscape/Art</b>	2013-2017	2,009			<b>2,009</b>
<b>Totals</b>		<b>21,649</b>	<b>25,000</b>	<b>55,500</b>	<b>102,149</b>



## **2015 – 2019 Capital Improvements Program**

### **Transportation – Major Projects**

#### **I-270 AEP Overhead to underground Crossing (Project #NEW)**

This project provides for the burial of overhead utility lines on I-270 between US 33 and Rings Road. Three AEP overhead power lines will be removed and replaced with construction of a duct bank under I-270.

This work is part of an Economic Development Agreement (EDA) between the City and IGS Energy. Per the EDA, IGS agreed that their buildings would benefit from the burial of the electric utility lines. IGS has agreed that if the cost of the project exceeds \$450,000 at the time the project is to be undertaken, the City will not be obligated to undertake the project unless IGS agrees to pay the cost of the burial over \$450,000.

Construction is programmed in 2015, assuming IGS's participation.

The City's portion of these improvements will be funded by the Thomas Kohler TIF.



## **2015 - 2019 Capital Improvements Program**

### **Transportation – Major Projects**

#### **Dublin Road and Glick Road (Project #ET1003)**

This project provides for intersection improvements at Dublin Road and Glick Road. Additional left turn lanes on each approach will be installed. This will improve the sight distance on the north leg of the intersection. Pedestrian facilities (signalized indicators) and modifications to the traffic signal will also be included.

Preliminary design and completion of detailed design for the Dublin preferred alternative was completed prior to 2014. Site acquisition was programmed in 2014 and is near completion. Construction and utility relocation are programmed in 2014, with landscaping programmed in 2015.

The total project cost is reflected in the programmed funding. However, anticipated funding for the project breaks-down as follows:

<b>Source</b>	<b>Amount</b>
Village of Shawnee Hills	\$50,000
City of Dublin	\$550,000
Delaware County	\$100,000
OPWC Grant	\$500,000
OPWC Loan	\$250,000
ODOT	\$150,000
<b>Total</b>	<b>\$1,600,000</b>



## **2015 – 2019 Capital Improvements Program**

### **Transportation – Major Projects**

#### **US33/SR 161/Post Road Interchange Improvements (Project# ET1102)**

Since the US33/SR 161/Post Road interchange project has been deferred, an allocation has been programmed in 2015 to provide funding for potential improvements. This project is an interim solution to improve traffic flow in the area, and enhance the western entrance into the City.

The construction programmed in 2015 includes the work that the Ohio Department of Transportation (ODOT) has preliminarily approved. This includes: widening Post Road from the southbound off ramp west of the interchange from two lanes to four lanes; a roundabout at the intersection of Post Road and Eiterman Road; with Eiterman Road relocated in its final position as needed when the US33/SR 161/Post Road interchange project is constructed.

The relocation/realignment of Eiterman Road as depicted in the West Innovation District (aka Economic Advancement Zone Plan) shows that Eiterman Road in the future becomes "Technology Way" and intersects SR 161/Post Road approximately 150-feet to the east of its present location.

The Perimeter West TIF will be the funding source for this project.



## **2015– 2019 Capital Improvements Program**

### **Transportation – Major Projects**

#### **Muirfield Drive and Memorial Drive Alternatives Analysis (Project # ET1521)**

Funding programmed in 2014 provides for an Alternative Analysis study to focus on the intersection at Muirfield Drive and Memorial Drive. The study will evaluate improvement alternatives to address the existing vehicle conflicts at the intersection.

Preliminary estimates for design, construction and landscape are reflected beyond 2019.



## **2015– 2019 Capital Improvements Program**

### **Transportation – Major Projects**

#### **SR 161/Hyland-Croy Road (Project #ET1302)**

This project consists of reconstructing the SR 161/Post Road and Hyland-Croy Road intersection to improve average delay and safety. The project provides for a temporary traffic signal at the intersection of SR 161 and Hyland-Croy in advance of the larger, more complex interchange improvements. The project does not include any additional turn lanes, pavement, or other improvements at the intersection.

Design was programmed in 2014, and construction is programmed in 2016.

The Perimeter West TIF will be the funding source for this project.



## **2015– 2019 Capital Improvements Program**

### **Transportation – Major Projects**

#### **Avery Road/Brand Road Intersection Improvements (Project #ET1406)**

As part of the Tartan West development, a traffic impact study was completed and this intersection was identified for improvement. This intersection will be evaluated to determine the appropriate improvement(s) that will be needed. Two (2) alternatives were identified in the traffic impact study: the installation of a signal, when warranted; or the construction of a modern roundabout.

Funding for a preliminary design study was included in 2014, and funding for construction is programmed beyond 2019.

The Tartan West TIF will be the funding source for this project.



## **2015 – 2019 Capital Improvements Program**

### **Transportation – Major Projects**

#### **Bikeway connections/additions**

##### **Dublin Road south shared-use path (Project #ET1203)**

Funds were programmed for design in 2011 with site acquisition programmed for 2013 and 2014. Construction includes completion of the Dublin Road South shared-use path between the Historic Dublin (Karrer Place) and Tuttle Road. The construction project will be completed in phases. The first phase, from Tuttle Road to Hertford Lane was completed in 2012. The second phase, from Hertford Lane to Rings Road was completed in 2013. The final phase, from Rings Road to the Historic District is programmed in 2015. Restorative landscape is also programmed in 2015.

##### **Glick Road shared-use path (Project #ET1204)**

This project is for the completion of the Glick Road shared-use path between Avery Road and Muirfield Drive and will be completed in phases. Construction of the path from Muirfield Drive to Carnoustie Drive (phase 2) was completed in 2012. Acquisition and construction is programmed in 2015 for the remaining portion of the path (phase 3 and phase 1). Phase 3 is dependent on timing of easement acquisition. Landscape is programmed in 2015 as well.

Phase 1 – Avery Road to Muirfield Drive

Phase 2 – Muirfield Drive to Carnoustie Drive (completed)

Phase 3 – Carnoustie Drive to Muirkirk Drive

##### **Muirfield Drive bike lanes (Project #ET1104)**

Funds programmed in 2014 are for acquisition and construction of bike lanes on Muirfield Drive between Brand Road and Glick Road.

CITY OF DUBLIN  
 CAPITAL IMPROVEMENT PROJECTS  
 2015-2019

REF. NO.	PROJECT DESCRIPTION	PRIOR YEARS (\$000)	2014	2015	2016	2017	2018	2019	TOTAL 15-19	BEYOND 2019	TOTAL TO BE BUDGETED
<b>TRANSPORTATION / MAJOR PROJECTS - BEYOND 2019</b>											
ET0609	COIC #1-West Area Improvements	0	0	0	0	0	0	0	0	0	2,235
ET0606	COIC #3- Eiterman Road Relocation	137	0	0	0	0	0	0	0	0	3,725
ET0003	COIC #6-US33/SR 161/Post Road Interchange	16,508	0	0	0	0	0	0	0	0	24,750
ET0902	COIC #7-Post Preserve Access Modification	191	0	0	0	0	0	0	0	0	1,565
ET0901	US 33 Widening from Avery-Muirfield Drive to Post Road	0	0	0	0	0	0	0	0	0	2,240
ET1002	Blazer Parkway/Frantz Road (TIF)	0	0	0	0	0	0	0	0	0	675
ET1103	Riverside Drive/Summitview Drive	0	0	0	0	0	0	0	0	0	575
ET1506	Shier Rings Road-Avery Road to Emerald Parkway	0	0	0	0	0	0	0	0	0	5,350
ET1508	Rings Road-west of Avery Road	0	0	0	0	0	0	0	0	0	6,125
ET1509	Cosgray Road Improvements-Proposed Street Intersection	0	0	0	0	0	0	0	0	0	850
ET1513	Shier Rings Road-Cosgray Road to Houchard Road	0	0	0	0	0	0	0	0	0	1,680
ET1515	Old Avery Road Relocation	0	0	0	0	0	0	0	0	0	3,350
ET1516	Shier Rings Road-Eiterman Road to Cosgray Road	0	0	0	0	0	0	0	0	0	1,760
ET1517	Shier Rings Road-Avery Road to Eiterman Road	0	0	0	0	0	0	0	0	0	1,740
ET1518	Hyland Croy & Post Preserve Roundabout	0	0	0	0	0	0	0	0	0	1,300
ET1520	Emerald Parkway/Shier Rings Road Improvements	0	0	0	0	0	0	0	0	0	900
ET1523	Perimeter Widening - Hoyt Road to Commerce Parkway	0	0	0	0	0	0	0	0	0	4,800
ET1524	US33/SR 161/Frantz Road Intersection	0	0	0	0	0	0	0	0	0	0
ET1404	Dublin Village Center Roadway Network	0	0	0	0	0	0	0	0	0	6,000
<b>NEW</b>	<b>Park Avenue, phase 2 (TIF)</b>	0	0	0	0	0	0	0	0	0	<b>10,130</b>
8/7/2014	<b>TOTAL (All Transportation)</b>	<b>41,157</b>	<b>37,695</b>	<b>56,545</b>	<b>2,825</b>	<b>5,805</b>	<b>585</b>	<b>150</b>	<b>65,910</b>	<b>129,805</b>	<b>195,715</b>

CITY OF DUBLIN  
 CAPITAL IMPROVEMENT PROJECTS  
 2014-2018

REF. NO.	PROJECT DESCRIPTION	PRIOR YEARS (\$000)	2013	2014	2015	2016	2017	2018	TOTAL 14-18	BEYOND 2018	TOTAL TO BE BUDGETED
TRANSPORTATION / MAJOR PROJECTS											
ET0609	COIC #1-West area improvements	0	0	0	0	0	0	0	0	0	2,235
ET0606	COIC #3- Eiterman Rd relocation	137	0	0	0	0	0	0	0	0	3,725
ET0003	COIC #6-US33/SR 161/Post Road interchange	16,508	0	0	0	0	0	0	0	0	24,750
ET0902	COIC #7-Post Preserve access modification	191	0	0	0	0	0	0	0	0	1,565
ET0901	US 33 widening from Avery-Muirfield Drive to Post Road	0	0	0	0	0	0	0	0	0	2,240
ET1002	Blazer Parkway/Frantz Road (TIF)	0	0	0	0	0	0	0	0	0	675
ET1103	Riverside Drive/Summitview Drive	0	0	0	0	0	0	0	0	0	575
ET1506	Shier Rings Road-Avery Road to Emerald Parkway	0	0	0	0	0	0	0	0	0	5,350
ET1508	Rings Road-west of Avery Road	0	0	0	0	0	0	0	0	0	6,125
ET1509	Cosgray Road improvements-proposed street intersection	0	0	0	0	0	0	0	0	0	850
ET1513	Shier Rings Road-Cosgray Road to Houchard Road	0	0	0	0	0	0	0	0	0	1,680
ET1515	Old Avery Road relocation	0	0	0	0	0	0	0	0	0	3,350
ET1516	Shier Rings Road-Eiterman Road to Cosgray Road	0	0	0	0	0	0	0	0	0	1,760
ET1517	Shier Rings Road-Avery Road to Eiterman Road	0	0	0	0	0	0	0	0	0	1,740
ET1518	Hyland Croy & Post Preserve roundabout	0	0	0	0	0	0	0	0	0	1,300
ET1520	Emerald Parkway/Shier Rings Road improvements	0	0	0	0	0	0	0	0	0	900
ET1523	Perimeter widening - Holt Road to Commerce Parkway	0	0	0	0	0	0	0	0	0	4,800
ET1524	US33/SR 161/Frantz Road intersection	0	0	0	0	0	0	0	0	0	0
ET1301	West Innovation Park infrastructure	0	65	0	0	0	0	0	0	0	13,400
ET1527	Post Road Improvements (Avery-Muirfield to Perimeter)	0	0	0	0	0	0	0	0	0	3,050
9/9/2013	<b>TOTAL (All Transportation)</b>	<b>32,024</b>	<b>27,130</b>	<b>30,165</b>	<b>22,620</b>	<b>3,595</b>	<b>4,820</b>	<b>75</b>	<b>61,275</b>	<b>109,070</b>	<b>170,345</b>



## **2015 – 2019 Capital Improvements Program**

### **Transportation – Major Projects**

The following provides a brief description of major transportation projects not programmed in the five-year period:

#### **COIC Roadway Improvements**

This project provides for the roadway improvements related to the Central Ohio Innovation Center. The overall project has been broken down into seven (7) project areas. The project areas remaining are as follows:

##### **ET0609-Project Area 1 – West Area Improvements**

This project area will be completed as required by future development.

##### **ET0606-Project Area 3 – Eiterman Road Relocation**

This project provides for the relocation/realignment of Eiterman Road as depicted in the West Innovation District. The relocation will create property that will have greater freeway frontage and development opportunities. The project is subject to on-going evaluation and will be triggered by development of the Ohio University project. Project costs are reflected beyond 2019.

##### **ET0003-Project Area 6 – US33/SR161/Post Road Interchange**

This project area provides for the improvements to the US33/SR161/Post Road interchange. The City will continue to evaluate opportunities for development and will adjust programming based on those opportunities.

##### **ET0902-Project Area 7 – Post Preserve Access Modification**

This project extends and connects Springview and Stillhouse Lane and then extends the roadway to Hyland Croy Road. The timing of this project is based on the timing of the anticipated completion of the interchange project.



## **2015 – 2019 Capital Improvements Program**

### **Transportation – Major Projects**

**US 33 widening from Avery-Muirfield Drive Post Road (ET0901)** - This project allows for the construction of additional outside auxiliary lanes from Avery-Muirfield Drive to Post Road. This project has been programmed beyond the five year period. Plans are to fund this project with service payments from the Upper Metro Place TIF. Based on a preliminary safety study, it is yet to be determined the best way to proceed with this project. As more concrete information is gathered, programming will be adjusted as needed.

**Blazer Parkway/Frantz Road (ET1002)** - This project includes adding an eastbound right turn lane on Blazer Parkway to Frantz Road and adding a curb cut on Frantz Road with additional northbound and southbound turn lanes. The project has been deferred beyond 2019 and will continue to be evaluated based on economic need. The improvements were identified in the Rings/Frantz TIF and will be funded by service payments generated from the construction of the private improvements

The project will need to be completed when a second office building is constructed in the TIF district. At this time we are not aware of any further development that is planned.

**Riverside Drive/Summitview Intersection Improvements (ET1103)** - Provides for additional left turn lanes, traffic signal upgrade and landscaping. A temporary signal has been in place.

**Shier Rings Road - Avery Road to Emerald Parkway (ET1506)** - Provides for the reconstruction of the roadway from two lanes to three lanes with curb and gutter, street lights, bike path and stormwater improvements. This project was deferred based on the positive impact of the Emerald Parkway overpass. A portion of this project will be funded by the Shier Rings Road TIF District (Hidaka).



## **2015 – 2019 Capital Improvements Program**

### **Transportation – Major Projects**

**Rings Road – West of Avery Road (ET1508)** - Provides for the widening of Rings Road to “relocated” Rings Road and includes the extension of sanitary sewer and landscaping. The extension of the waterline along Rings Road was programmed in the Water Fund.

**Cosgray Road Improvements (ET1509)** – Provides for new pavement, addition of left turn lanes, drainage, grading, and shoulder work on Cosgray Road.

**Shier Rings Road - Cosgray to Houchard (ET1513)** - Provides for the extension of the roadway. The roadway will be three lanes with curb and gutter.

**Old Avery Road Relocation (ET1515)** – Provides for the relocation of Old Avery Road and improvements to the intersection of Shier Rings Road and Avery Road per the corridor study presented to City Council in January 2006.

**Shier Rings Road - Eiterman Road to Cosgray Road (ET1516)** - Provides for the upgrade of the existing two lane road with ditches to a three lane road with curb and gutter.

**Shier Rings Road - Avery Road to Eiterman Road (ET1517)** - Provides for the upgrade of the existing two lane road with ditches to a three lane road with curb and gutter. Possible traffic signal at Eiterman Road and Shier Rings Road.

**Hyland Croy & Post Preserve Roundabout (ET1518)** – A roundabout at a new intersection on Hyland Croy Road for the new entrance to Post Preserve subdivision.

**Emerald Parkway/Shier Rings Road Improvements (ET1520)** – Provides for a northbound right turn lane and an eastbound right turn lane.

**Perimeter Drive Widening - Holt Road to Commerce Parkway (ET1523)** - This project widens approximately 3,300 linear feet of Perimeter Drive from Holt Road to Commerce Parkway from three lanes to five lanes to address increased traffic volumes, delay, and reduced safety on Perimeter Drive.



## **2015 – 2019 Capital Improvements Program**

### **Transportation – Major Projects**

**US33/SR 161/Frantz Road Intersection (ET1524)** – This project is being identified for future improvements. The intersection is a vital part of the development of the SR161 corridor and the continued development of the Historic District and surrounding areas. Various design options are being considered and improvement of this intersection is dependent on the I-270/US 33 interchange improvements.

**Dublin Village Center Roadway Network, phase 1 (ET1404)** - This project provides for roadway connectivity to enhance development potential in the Bridge Street District. Also included is construction of a new roadway to parallel John Shields Parkway to the south of the AMC Theater. To establish a street grid pattern, north/south connecting streets will be installed from John Shields Parkway with connections to Tuller Road and the new east/west connector road. This project will be done in conjunction with re-development of the Dublin Village Center.

**Park Avenue, phase 2 (NEW)** - This project provides for construction of a portion of Park Avenue between Dale Drive and Shamrock Boulevard (approximately 2,000 feet). The project will include water lines, sanitary sewer, storm sewer, parallel parking, one-way cycle tracks and street lighting. Additional phases of the roadway will provide a turn lane at realigned Riverside Drive and a connection from Riverside Drive to Dale Drive. It is anticipated that the project will be funded through service payment revenue from a future Bridge Street District TIF.

# 11-Water

CITY OF DUBLIN  
 CAPITAL IMPROVEMENT PROJECTS  
 2015-2019

PROJECT NO.	PROJECT DESCRIPTION	PRIOR YEARS (\$000)	2014	2015	2016	2017	2018	2019	TOTAL 15-19	BEYOND 2019	TOTAL TO BE BUDGETED
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**WATER DISTRIBUTION SYSTEM \ NONMAJOR PROJECTS**

AW1001	Water Line Replacement	235	550	0	550	70	580	0	1,200	670	1,870
AW0604	Booster Station Upgrades	656	0	55	0	0	0	0	55	0	55
EW0102	Water Tower Maintenance	1,679	325	305	0	0	300	0	605	0	605
EW1301	Water Quality Units	0	315	0	0	0	0	0	0	0	0
8/7/2014	<b>TOTAL</b>	<b>2,570</b>	<b>1,190</b>	<b>360</b>	<b>550</b>	<b>70</b>	<b>880</b>	<b>0</b>	<b>1,860</b>	<b>670</b>	<b>2,530</b>

**WATER DISTRIBUTION SYSTEM \ MAJOR PROJECTS**

EW1101	Rings Road Waterline	0	0	0	730	0	0	0	730	0	730
EW1501	Reserve for Water Extensions	0	200	200	200	200	200	200	1,000	0	1,000
8/7/2014	<b>TOTAL</b>	<b>0</b>	<b>200</b>	<b>200</b>	<b>930</b>	<b>200</b>	<b>200</b>	<b>200</b>	<b>1,730</b>	<b>0</b>	<b>1,730</b>

- Projected increase
- Projected decrease
- Shift in project year
- New project

CITY OF DUBLIN  
 CAPITAL IMPROVEMENT PROJECTS  
 2014-2018

PROJECT NO.	PROJECT DESCRIPTION	PRIOR YEARS (\$000)	2013	2014	2015	2016	2017	2018	TOTAL 14-18	BEYOND 2018	TOTAL TO BE BUDGETED
WATER DISTRIBUTION SYSTEM \ NONMAJOR PROJECTS											
AW1001	Water line replacement	243	0	550	0	550	0	550	1,650	0	1,650
AW0604	Booster station upgrades	656	0	0	55	0	0	0	55	0	55
EW0102	Water tower maintenance	1,679	0	325	315	0	0	300	940	0	940
EW1301	Water Quality Units	0	0	315	0	0	0	0	315	0	315
9/9/2013	<b>TOTAL</b>	<b>2,578</b>	<b>0</b>	<b>1,190</b>	<b>370</b>	<b>550</b>	<b>0</b>	<b>850</b>	<b>2,960</b>	<b>0</b>	<b>2,960</b>

WATER DISTRIBUTION SYSTEM \ MAJOR PROJECTS

EW1201	Dublin Road water tower	2,906	2,300	0	0	0	0	0	0	0	0
EW1101	Rings Road Waterline	0	0	0	730	0	0	0	730	0	730
New	Water extensions	0	0	65	85	160	0	0	310	0	310
9/9/2013	<b>TOTAL</b>	<b>2,906</b>	<b>2,300</b>	<b>65</b>	<b>890</b>	<b>85</b>	<b>0</b>	<b>0</b>	<b>1,040</b>	<b>0</b>	<b>1,040</b>



## **2015 - 2019 Capital Improvements Program**

### **Water Distribution System - Non-Major Projects**

**AW1001**    **Water Line Replacement** - The City's water system is relatively new, however there are areas in the City that have older 2" and 3" main lines that have been identified for replacement with a 6" main line. The smaller lines tend to experience more problems with breaks. Engineering staff has prepared a comprehensive list of areas needing replacement and have completed an analysis of the lines to determine when replacement should occur.

There is funding allocated in 2016, and 2017 for design and in 2016 and 2018 for replacement. The majority of the replacements will take place in Muirfield Village.

**AW0604**    **Booster Station Upgrades** - This project provides funding to ensure that water supply to the storage tanks is adequate. Based on system evaluations completed by ms consultants, and the City of Columbus and Dublin staff in 2007, funds have been programmed for pump replacements at the City's booster stations.

Based on the evaluation recently completed by ms consultants, the various maintenance and repairs have been programmed for 2015 at the Rings Road and Tartan booster stations.

Engineering maintains a comprehensive schedule for future maintenance and repairs associated with the booster stations.

**Booster Station Maintenance Schedule**

Station	Year Built	Work	Year Previously Done	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	
Brand Road	1990	Pump Replacement	1990							500												
		Driveway Maintenance	2005											15								
		Vault Maintenance												20								
		Site Work												5								
		Exterior Painting												5								
		Interior Painting												3								
		Other																				
		Pump Testing																				
		Inspection	2010	3	0	0	0	0	0	525	0	0	48	0	0	0	0	0	0	0	0	
		Cost (in thousands)		3	0	0	0	0	0	525	0	0	48	0	0	0	0	0	0	0	0	
Post Road	1983																					
		Pump Replacement																				
		Driveway Maintenance											10									
		Building Maintenance											8									
		Site Work											3									
		Exterior Painting											5									
		Interior Painting											10									
		Other											3									
		Pump Testing																				
		Inspection	2010	3	0	0	0	0	0	0	0	0	39	0	0	0	0	0	0	0	0	
		Cost (in thousands)		3	0	0	0	0	0	0	0	0	39	0	0	0	0	0	0	0	0	
Flings Road	1995																					
		Pump Replacement													700							
		Interior Painting													15							
		Other													5							
		Pump Testing																				
		Inspection	2010	3	30	0	0	0	0	0	0	0	0	0	720	0	0	0	0	0	0	
		Cost (in thousands)		3	30	0	0	0	0	0	0	0	0	0	720	0	0	0	0	0	0	
Tartan (NW)	2005																					
		Pump Replacement																				
		Driveway Maintenance													10						600	
		Building Maintenance													5							
		Site Work													5							
		Exterior Painting													8						5	
		Interior Painting													20						0	
		Other													3							
		Pump Testing																				
		Inspection	2010	3	23	0	0	0	0	0	0	0	0	0	51	0	0	0	0	0	605	
		Cost (in thousands)		3	23	0	0	0	0	0	0	0	0	0	51	0	0	0	0	0	605	
<b>Yearly Totals (in thousands)</b>				12	53	0	0	0	0	525	0	0	87	0	771	0	0	0	0	0	605	0



## **2015 - 2019 Capital Improvements Program**

### **Water Distribution System - Non-Major Projects**

**EW0102**    **Water Tower Maintenance** – This project provides for the interior and exterior painting and other maintenance needs such as electrical equipment replacement associated with the City’s existing water towers. Funds programmed in 2015 includes interior painting of the Rings/Blazer tower. Funding programmed in 2018 provides for exterior painting of the Tartan tank.

Engineering maintains a comprehensive schedule for future water tower maintenance.

**EW1301**    **Water Quality Units** – Funds provide for the installation of Haque water quality units at the Avery Road and Tartan Ridge water towers to improve water quality monitoring in the tanks.

The City of Columbus is currently reviewing equipment alternatives that will minimize the annual maintenance necessary.

**Water Tower Maintenance Schedule**

Tower	Year Built	Size	Work	Year Previously Done	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
Avery Road	1988	2 MG																				
			Exterior Painting	1994/2002(roof)									500									
7673 Avery Rd			Wet Interior Painting	1994/2001	275											300						
			Dry Interior Painting	1988	50										20							
			Inspection	2008	2					2					2					2		
			Other			10					5										10	
			Cost (in thousands)		327	10	0	0	0	0	2	5	0	500	0	22	0	300	0	2	10	0
Rings/Blazer	1994	2 MG																				
			Exterior Painting	1994										585								
5750 Blazer Pkwy			Wet Interior Painting	1994/2001	284											300						
			Dry Interior Painting	1994	20										10							
			Inspection	2009	2					2					2					2		
			Other			10					5										10	
			Cost (in thousands)		2	314	0	0	0	2	5	0	0	585	12	0	300	0	0	2	10	0
Tartan (NW)	2006	0.5 MG																				
			Exterior Painting	2006																		350
7160 Hyland Croy Rd			Wet Interior Painting	2006								75										
			Dry Interior Painting	2006								15										
			Inspection	2006	2					2					2					2		
			Other			5										10						
			Cost (in thousands)		2	5	0	0	300	2	0	90	0	500	0	2	10	0	0	2	10	0
Darree Fields	2010	2 MG																				
			Exterior Painting	2010										500								
6271 Cosgray Rd			Wet Interior Painting	2010												300						
			Dry Interior Painting	2010												60						
			Inspection	2010	2					2					2					2		
			Other			5					10										10	
			Cost (in thousands)		2	5	0	0	0	2	10	0	500	0	2	360	0	0	0	2	10	0
Dublin Road	2012	0.5 MG																				
			Exterior Painting																			
10525 Dublin Rd			Wet Interior Painting																			
			Dry Interior Painting																			
			Inspection							2					2					2		
			Other								5											
			Cost (in thousands)							2	5	0	0	0	302	0	0	90	0	2	0	0
<b>Yearly Totals (in thousands)</b>					<b>333</b>	<b>334</b>	<b>0</b>	<b>0</b>	<b>300</b>	<b>10</b>	<b>25</b>	<b>90</b>	<b>1000</b>	<b>585</b>	<b>340</b>	<b>370</b>	<b>600</b>	<b>90</b>	<b>0</b>	<b>10</b>	<b>380</b>	<b>0</b>
					<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>2031</b>



## **2015 – 2019 Capital Improvements Program**

### **Water Distribution System - Major Projects**

#### **Rings Road waterline (Project # EW1101)**

This project provides for the installation of a 16 inch waterline from Avery Road to the relocated Rings Road (Churchman Road). This will create an additional main loop in the water distribution system to maintain pressures and fire flows in the southwest area. This project is programmed to be completed in 2016.

The funding source for the project will be the Water Fund.



## **2015 – 2019 Capital Improvements Program**

### **Water Distribution System - Major Projects**

#### **Reserve for Water Extensions (Project #EW1501)**

This project will provide water extensions to areas that need direct access to the public water system. Funds have been programmed in the five year period to systematically provide access to the public water system based on inspection data and evaluation provided by the Franklin County Board of Health as well as Council policy.

Funds will be transferred from the Capital Improvements Tax Fund to the Water Fund to offset costs associated with this project.

# **12-Stormwater**

CITY OF DUBLIN  
 CAPITAL IMPROVEMENT PROJECTS  
 2015-2019

PROJECT NO.	PROJECT DESCRIPTION	PRIOR YEARS (\$000)	2014	2015	2016	2017	2018	2019	TOTAL 15-19	BEYOND 2019	TOTAL TO BE BUDGETED
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**STORMWATER SYSTEM \ NONMAJOR PROJECTS**

AF1501	Annual Stormwater Maintenance	0	560	560	560	560	560	560	2,800	0	2,800
8/7/2014	<b>TOTAL</b>	<b>0</b>	<b>560</b>	<b>560</b>	<b>560</b>	<b>560</b>	<b>560</b>	<b>560</b>	<b>2,800</b>	<b>0</b>	<b>2,800</b>

**STORMWATER SYSTEM \ MAJOR PROJECTS**

EF0201	Stormwater Improvements	2,832	75	495	50	485	240	240	1,510	0	1,510
8/7/2014	<b>TOTAL</b>	<b>2,832</b>	<b>75</b>	<b>495</b>	<b>50</b>	<b>485</b>	<b>240</b>	<b>240</b>	<b>1,510</b>	<b>0</b>	<b>1,510</b>

- Projected Increase
- Projected decrease
- Shift in project year
- New project

CITY OF DUBLIN  
 CAPITAL IMPROVEMENT PROJECTS  
 2014-2018

PROJECT NO.	PROJECT DESCRIPTION	PRIOR YEARS (\$000)	2013	2014	2015	2016	2017	2018	TOTAL 14-18	BEYOND 2018	TOTAL TO BE BUDGETED
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STORMWATER SYSTEM \ NONMAJOR PROJECTS

AF1401	Annual stormwater maintenance	0	560	560	560	560	560	560	2,800	0	2,800
9/9/2013	<b>TOTAL</b>	<b>0</b>	<b>560</b>	<b>560</b>	<b>560</b>	<b>560</b>	<b>560</b>	<b>560</b>	<b>2,800</b>	<b>0</b>	<b>2,800</b>

STORMWATER SYSTEM \ MAJOR PROJECTS

EF0201	Stormwater improvements	2,703	865	55	515	50	485	240	1,345	0	1,345
EF1301	SFIR floodplain fill	0	470	0	0	0	0	0	0	0	0
9/9/2013	<b>TOTAL</b>	<b>2,703</b>	<b>1,335</b>	<b>55</b>	<b>515</b>	<b>50</b>	<b>485</b>	<b>240</b>	<b>1,345</b>	<b>0</b>	<b>1,345</b>



## **2015 - 2019 Capital Improvements Program**

### **Stormwater System - Non-Major Projects**

**AF1501**     **Annual Stormwater Maintenance** - This project provides funding for maintenance of the City's stormwater system as identified in the Stormwater Master Plan. This is an annual maintenance program that was initiated in 2000. The funds are utilized to maintain and repair existing stormwater lines, curb inlets, catch basins, ditches, man-made channels and other structures that discharge stormwater runoff. This is an important component of the City's efforts to meet National Pollutant Discharge Elimination System (NPDES) Phase II regulations.

The yearly allocation is used to fund two projects:

- Inlet maintenance at \$260,000 for a group of inlets;
- Miscellaneous maintenance at \$300,000 on a task-order basis as directed by the City Engineer.



## 2015 – 2019 Capital Improvements Program

### Stormwater System - Major Projects

#### Stormwater Improvements (Project #EF0201)

Funding over the next five years has been programmed for various improvement needs identified in the updated Stormwater Master Plan completed by Camp, Dresser & McKee.

The following project costs have been estimated:

Year	Project Name	Project Description	Engineering Cost	Construction Cost	Total Cost
2014/2015	Blazer Pkwy/Frantz Rd/Waterford Village*	Increase pipe capacity in the neighborhood to minimize flooding potential	\$55,000 (2014)	\$355,000 (2015)	\$410,000
2015	Stonewall Ct Improvements*	Reduce roadway flooding with additional storm sewer	\$45,000	\$115,000	\$160,000
2016/2017	Limerick Lane Improvements	Install new 12" to 24" pipe under Dublin Road, along Limerick Lane & under Bellaire Ave.	\$50,000 (2016)	\$454,000 (2017)	\$504,000
2017/2018	Hirth Wolpert Creek Watershed Improvements	New 4x10 box culver at Chatterfield Dr	\$33,000 (2017)	\$242,000 (2018)	\$275,000
2018/2019	May Apple and Tamarisk Creek Improvements	Replace 15" & 18" with 18", 21" & 24" near Red Bay Ct, Tonti Dr, & Tamarisk Ct	\$53,000 (2018)	\$384,000 (2019)	\$437,000

The projects with an \* were selected as the modeling analysis indicated that the system may have issues during a five (5) year rain event. A five year rain event is fairly frequent and is what the City uses to design the storm sewer system. Several of these projects were identified in the Stormwater Master Plan modeling and the issues at these sites occur on a frequent basis.



## **Stormwater System - Major Projects**

### **Stormwater Improvements (Project #EF0201) continued**

The remaining projects were identified by the modeling analysis as areas where the system may have issues during a 100 year rain event. This is an infrequent event and allows the implementation of improvements to be as funding allows. Several of the projects were also identified in the original Stormwater Master Plan.

We have separated the design and construction into two years so that the appropriate interaction can occur with the neighborhoods affected by these improvements. Easements will be needed for several of the projects as well.

**Stormwater Improvements CIP Project Prioritization Summary  
July 2013**

CDM Ranking	City Ranking	CIP Year	Project	Project Description	Watershed	Storm Frequency Addressed	Estimated Total Project Cost 2009	Engineering & Construction Cost	Estimated Total Project Cost 2013
1	N/A	Maintenance	Riverside Drive Improvements	Lower window of CB at Hard & Riverside (to be done with Maintenance Program)	Little East	100	\$4,000	N/A	\$4,200
4	1	2014/2015	Blazer Parkway/Frantz Road/Waterford Village Improvements for the 5-Year Storm	Replace 15" & 18" pipe with 18" & 24" pipe near Blazer & Frantz	Southwest Unconsolidated	5	\$464,000	E: \$55,000 (2014) C: \$355,000 (2015)	\$410,000
3	2	2015	Stonewall Court Improvements	Install new 21" pipe (will need easements \$25,000)	Cosgray Creek	5	\$204,000	E: \$20,000 (2015) C: \$115,000 (2015)	\$160,000
11	3	2016/2017	(Wickline)/Limerick Lane Improvements for the 5-Year Storm (Alternative 1)	Install new 12" to 24" pipe from Sheffield Place subdivision, under Dublin Rd, along Limerick Lane & under Bellaire Ave (The Wickline)	Northwest Unconsolidated	5	\$480,000	E: \$50,000 (2016) C: \$454,000 (2017)	\$504,000
10	4	2017/2018	Hirth Wolpert Creek Watershed Stormwater Improvements	<ul style="list-style-type: none"> <li>New culvert at Dublin Rd (completed in 2012 @ approx \$400,000)</li> <li>New 4x10 box culvert at Chatterfield Dr</li> </ul>	Hirth Wolpert	100	\$169,000	E: \$33,000 (2017) C: \$242,000 (2018)	\$275,000
5	5	2018/2019	May Apple and Tamarisk Creek Improvements	Replace 15" & 18" with 18", 21" & 24" near Red Bay Ct, Tonti Dr, & Tamarisk Ct	Little East	100	\$416,000	E: \$53,000 (2018) C: \$384,000 (2019)	\$437,000
7	6	Beyond (2019)	Hawk's Nest Improvements	Pipe to eliminate ponding behind 7422 Avery Rd	North Fork Indian Run	Resident Complaint	\$111,000		\$117,000
9	7	Beyond (2020)	Glencree Place Improvements	<ul style="list-style-type: none"> <li>New pipe to existing basin</li> <li>Easements would be needed</li> <li>Multiple improvements near Westbury Rd, Forest Hill Rd, &amp; Arrowhead Rd</li> <li>Includes ditch improvements on Riverside Dr</li> </ul>	Northeast Area	Resident Complaint	\$322,000		\$338,000
2	8	Beyond	Northeast Area Watershed Improvements		Northeast Area	5	\$937,000		\$984,000
6	9	Beyond	Billingsley Creek Watershed - Alternative 3: Resize Three Culverts	<ul style="list-style-type: none"> <li>New 5.5x20 box at MacBeth</li> <li>New 75 ft bridge at Bright</li> <li>New 6x22 box at Grandee Cliffs</li> </ul>	Billingsley Creek	100	\$963,000		\$1,001,000
8	10	Beyond	Heather Glen Improvements	Upsize 60" pipe to 5.5x6 box near Wilcox & Haddler	Cramer Creek	5	\$3,169,000		\$3,328,000
<b>Totals</b>							\$7,239,000		\$7,691,200
<b>2014 Total = \$55,000; 2015 Total = \$515,000;                  2016 Total = \$50,000; 2017 Total = \$487,000;                  2018 Total = \$295,000;                  Beyond Total (2019 - ?) = \$6,152,000</b>									