City of Dublin

Office of the City Manager
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Memo

To: Members of Dublin City Council

From: Marsha I. Grigsby, City Manager

Date: August 2, 2012

Initiated By: Angel L. Mumma, Deputy City Manager/Director of Finance and Administration
Bryan K. Thurman, Deputy Director of Finance

Re: **Ordinance No. 48-12 - Adopting the 2013-2017 Five Year Capital Improvements Program (CIP)**

Summary

The Administration's proposed Capital Improvements Program (CIP) for 2013-2017 has been prepared and is submitted to City Council for review.

Based on last year's CIP review, we have scheduled only one CIP workshop. The proposed CIP will be reviewed with City Council at the workshop meeting that is scheduled for August 13 beginning at 6:30 p.m. in Council chambers. The order in which the CIP will be discussed is as follows:

- Overview
- Administration
- Parks
- Police
- Utilities (Water, Sewer, Stormwater)
- Transportation

The final CIP document will be prepared after the workshop meeting and will be submitted to City Council prior to the public hearing of Ordinance No. 48-12, scheduled for September 10, 2012.

The information in the attached notebook provides spreadsheets identifying the proposed projects by category, proposed year for funding and estimated project costs. Project descriptions have been prepared and follow each spreadsheet with additional information provided as needed/available. We have included project spreadsheets from 2012 - 2016 for comparison.

A recap of the overview information that will be discussed has also been provided. This includes information on the City's CIP process, including financial guidelines and the administrative processes used in preparing the proposed CIP, a recap of the proposed projects, a recap of the funding sources and information on the revenue sources to fund the projects.

Recommendation

The proposed 2013 – 2017 CIP is to be reviewed by City Council on August 13, 2012. Any modifications as a result of the August 13, 2012 workshop meeting will be incorporated in the final five-year CIP document prior to the second reading. Staff recommends approval of Ordinance No. 48-12 at the second reading/public hearing on September 10, 2012.

RECORD OF ORDINANCES

Dayton Legal Blank, Inc. Form No. 30043

Ordinance No. 48-12 *Passed* _____, 20____

AN ORDINANCE ADOPTING THE 2013-2017 FIVE-YEAR CAPITAL IMPROVEMENTS PROGRAM

WHEREAS, Section 8.03(a) of the Revised Charter requires the City Manager to prepare and submit to City Council a five-year capital program in accordance with the annual budget calendar as authorized by City Council; and

WHEREAS, City Council has received and reviewed the Five-Year Capital Improvements Program (CIP) for the years 2013-2017; and

WHEREAS, the CIP represents a long-term financial plan which establishes priorities, identifies project costs and phasing, identifies funding sources, and serves as a planning document for capital improvements; and

WHEREAS, the Administration has incorporated in the attached CIP all modifications as requested by City Council as a result of the CIP budget workshops.

NOW, THEREFORE, BE IT ORDAINED by the Council of the City of Dublin, State of Ohio, _____ elected members concurring that:

Section 1. The 2013-2017 Five-Year Capital Improvements Program attached as an Exhibit be, and hereby is, approved.

Section 2. This Ordinance shall take effect and be in force on the earliest date permitted by law.

Passed this _____ day of _____, 2012

_____
Mayor - Presiding Officer

ATTEST:

_____
Clerk of Council

City of Dublin

2013-2017

Proposed Capital Improvements Program

Adopted by Ordinance No. 48-12

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OM96172

2013 – 2017

Proposed

Five-Year Capital Improvements Program

Overview

City of Dublin
2013 – 2017
CIP Overview Information

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.

- 2012 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 $10.5 million in the Capital Improvements Tax Fund to carry forward from 2012 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.

City of Dublin
2013-2017
CIP Overview Information

- When the 2012 Operating Budget was adopted in December 2011, income tax revenues were originally projected to be "flat" as compared to projected 2011 income tax revenues. The 2011 actual income tax revenues were higher than projected. As a result, revenues could decline by 1.9% to meet the 2012 original projected revenue. Year-to-date income tax revenues through June 2012 have increased 7.21% as compared to the same period in 2011. Based on the current income tax collections, we are revising our estimated income tax revenues to reflect a 3% increase over 2011. We are projecting income tax revenues to increase 1.5% in 2013. These revenues will be monitored closely and will be revised, if necessary, during the operating budget process.

· General Fund revenues and expenditures were projected for the period 2013 - 2017 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.

· Debt schedules were updated.
  - Debt capacity for future years was evaluated.
  - It is anticipated that the City will issue debt in 2013 to cover the construction of Emerald Parkway Phase 8. In addition, funds for retiring debt service have been programmed in the event other projects such as the Bridge Street Corridor come to fruition.

· 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 Corridor

City of Dublin
2013-2017
CIP Overview Information

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. For

the period 2013 - 2017, we have currently determined that the General Fund will not provide additional resources for capital projects.

- 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.

2013 – 2017
Proposed Capital Improvements Program
Proposed Projects and Funding Resources

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2013 - 2017 Proposed Capital Improvemenets Program
Proposed Funded Projects
Recap by Estimated Costs

	2013	2014	2015	2016	2017	Total
Major Projects:						
Transportation	$26,160,000	$14,565,000	$330,000	$8,555,000	$3,500,000	$53,110,000
Parks	4,690,000	1,055,000	2,020,000	2,105,000	3,180,000	13,050,000
Utilities	1,335,000	570,000	1,500,000	730,000	0	4,135,000
Facilities	735,000	1,040,000	200,000	400,000	0	2,375,000
Other	2,885,000	3,630,000	3,615,000	3,255,000	3,155,000	16,540,000
Total	**35,805,000**	**20,860,000**	**7,665,000**	**15,045,000**	**9,835,000**	**89,210,000**
Nonmajor Projects:						
Transportation	5,420,000	5,025,000	5,180,000	4,995,000	5,935,000	26,555,000
Parks	1,130,000	495,000	555,000	450,000	950,000	3,580,000
Utilities	1,710,000	1,955,000	2,030,000	1,160,000	1,160,000	8,015,000
Facilities	945,000	305,000	175,000	90,000	50,000	1,565,000
Other	740,000	585,000	465,000	275,000	250,000	2,315,000
Total	**9,945,000**	**8,365,000**	**8,405,000**	**6,970,000**	**8,345,000**	**42,030,000**
Total Projects:						
Transportation	31,580,000	19,590,000	5,510,000	13,550,000	9,435,000	79,665,000
Parks	5,820,000	1,550,000	2,575,000	2,555,000	4,130,000	16,630,000
Utilities	3,045,000	2,525,000	3,530,000	1,890,000	1,160,000	12,150,000
Facilities	1,680,000	1,345,000	375,000	490,000	50,000	3,940,000
Other	3,625,000	4,215,000	4,080,000	3,530,000	3,405,000	18,855,000
Total	**$45,750,000**	**$29,225,000**	**$16,070,000**	**$22,015,000**	**$18,180,000**	**$131,240,000**

	Major	Non-major
Administration	21,415	4,715
Service	0	0
Parks	9,800	3,580
Police	750	765
Sewer	1,500	2,135
Transportation	53,110	26,555
Water	730	1,480
Stormwater	1,905	2,800
	89,210	**42,030**
	131,240	

2013 - 2017
FIVE-YEAR CAPITAL IMPROVEMENTS PROGRAM
FUNDED PROJECTS

	PROJECT	TOTAL COST	PRIOR YEAR(S)	2012	2013	2014	2015	2016	2017	TOTAL 2013 - 2017
ET0103	Tuttle Crossing Boulevard extension-Wilcox Road to Avery Road (TIF)									
	Architectural\Engineering fees	852,000	2,000	150,000	700,000					700,000
	Acquisition	1,811,000	11,000			1,800,000				1,800,000
	Construction	0								0
	Other Expenses	0								0
	Total	2,663,000	13,000	150,000	700,000	1,800,000	0	0	0	2,500,000
ET0104	Emerald Parkway-Riverside Drive to Billingsley Creek (TIF)									
	Architectural\Engineering fees	1,190,000	815,000			375,000				375,000
	Acquisition	766,000	2,401,000	815,000						0
	Construction	12,065,000	65,000		9,500,000	2,500,000				12,000,000
	Other Expenses	210,000			210,000					210,000
	Total	14,231,000	3,281,000	815,000	9,710,000	2,875,000	0	0	0	12,585,000
ET0205	Emerald Parkway-Rings Road to Tuttle Crossing Boulevard (TIF)									
	Architectural\Engineering fees	740,000	740,000							0
	Acquisition	22,000	22,000							0
	Construction	1,500,000		1,500,000						0
	Other Expenses	0								0
	Total	2,262,000	762,000	1,500,000	0	0	0	0	0	0
ET1119	Relocated Rings Road									
	Architectural\Engineering fees	90,000			90,000					90,000
	Acquisition	350,000				350,000				350,000
	Construction	725,000						725,000		725,000
	Other expenses	0								0
	Total	1,165,000	0	0	90,000	350,000	0	725,000	0	1,165,000
ET1202	Frantz Road utility burial									
	Architectural\Engineering fees	105,000	105,000							0
	Acquisition	50,000			50,000					50,000
	Construction	1,700,000			1,700,000					1,700,000
	Other expenses	0								0
	Total	1,855,000	105,000	0	1,750,000	0	0	0	0	1,750,000
ET0810	Frantz Road-Dublin Road connector (Potential TIF)									
	Architectural\Engineering fees	229,000	229,000							0
	Acquisition	0								0
	Construction	2,650,000			2,650,000					2,650,000
	Other expenses	0								0
	Total	2,879,000	229,000	0	2,650,000	0	0	0	0	2,650,000
ET1101	Railroad Quiet Zones									
	Architectural\Engineering fees	10,000	10,000							0
	Acquisition	0								0
	Construction	470,000			470,000					470,000
	Other expenses	0								0
	Total	480,000	10,000	0	470,000	0	0	0	0	470,000
ET1103	LED street light replacement									
	Architectural\Engineering fees	24,000	24,000							0
	Acquisition	0								0
	Construction	2,235,000	235,000	2,000,000						0
	Other expenses	0								0
	Total	2,259,000	259,000	2,000,000	0	0	0	0	0	0
8/8/2012										

2013 - 2017
FIVE-YEAR CAPITAL IMPROVEMENTS PROGRAM
FUNDED PROJECTS

	PROJECT	TOTAL COST	PRIOR YEAR(S)	2012	2013	2014	2015	2016	2017	TOTAL 2013 - 2017
New	Avery Road widening - Woerner Temple to Rings Road West (TIF)									
	Architectural\Engineering fees	530,000				530,000				530,000
	Acquisition	0								0
	Construction	0								0
	Other expenses	0								0
	Total	530,000	0	0	0	530,000	0	0	0	530,000
ET0405	Hyland-Croy Road/Brand Road (TIF)									
	Architectural\Engineering fees	355,000	355,000							0
	Acquisition	165,000	165,000							0
	Construction	3,402,000	2,000		3,400,000					3,400,000
	Other expenses	0								0
	Total	3,922,000	522,000	0	3,400,000	0	0	0	0	3,400,000
ET0410	Avery-Muirfield Drive/Perimeter Loop/Perimeter Drive (TIF) intersection (TIF)									
	Architectural\Engineering fees	1,154,000	599,000	55,000		500,000				500,000
	Acquisition	450,000	120,000				330,000			330,000
	Construction	5,813,000	2,313,000						3,500,000	3,500,000
	Other expenses	119,000	119,000							0
	Total	7,536,000	3,151,000	55,000	0	500,000	330,000	0	3,500,000	4,330,000
ET0508	Riverside Drive/SR161(TIF)									
	Architectural\Engineering fees	616,000	216,000	400,000						0
	Acquisition	2,138,000	38,000	2,100,000						0
	Construction	0								0
	Other expenses	0								0
	Total	2,754,000	254,000	2,500,000	0	0	0	0	0	0
ET0511	Avery-Muirfield/Tullymore/Valley Stream/Avery Road									
	Architectural\Engineering fees	51,000	51,000							0
	Acquisition	0								0
	Construction	700,000			700,000					700,000
	Other expenses	0								0
	Total	751,000	51,000	0	700,000	0	0	0	0	700,000
ET0605	Sawmill Road/Hard Road (TIF)									
	Architectural\Engineering fees	222,000	222,000							0
	Acquisition	13,000	13,000							0
	Construction	2,250,000			550,000	1,700,000				2,250,000
	Other expenses	0								0
	Total	2,485,000	235,000	0	550,000	1,700,000	0	0	0	2,250,000
ET1001	Cosgray Road/Shier Rings Road									
	Architectural\Engineering fees	229,000	229,000							0
	Acquisition	0								0
	Construction	1,100,000		1,100,000						0
	Other expenses	50,000		50,000						0
	Total	1,379,000	229,000	1,150,000	0	0	0	0	0	0
ET0809	Hyland Croy-McKitrick Road									
	Architectural\Engineering fees	180,000			180,000					180,000
	Acquisition	50,000				50,000				50,000
	Construction	1,200,000						1,200,000		1,200,000
	Other expenses	30,000						30,000		30,000
	Total	1,460,000	0	0	180,000	50,000	0	1,230,000	0	1,460,000
8/8/2012										

2013 - 2017
FIVE-YEAR CAPITAL IMPROVEMENTS PROGRAM
FUNDED PROJECTS

	PROJECT	TOTAL COST	PRIOR YEAR(S)	2012	2013	2014	2015	2016	2017	TOTAL 2013 - 2017
ET1401	I-270/US 33 Interchange phase 1 improvements (TIF)									
	Architectural\Engineering fees	1,300,000	500,000		800,000					800,000
	Acquisition	5,000,000				5,000,000				5,000,000
	Construction	6,600,000						6,600,000		6,600,000
	Other expenses	0								0
	Total	12,900,000	500,000	0	800,000	5,000,000	0	6,600,000	0	12,400,000
ET1003	Dublin Rd and Glick Rd intersection improvements									
	Architectural\Engineering fees	217,000	157,000		60,000					60,000
	Acquisition	0								0
	Construction	0								0
	Other expenses	0								0
	Total	217,000	157,000	0	60,000	0	0	0	0	60,000
ET1102	US33/SR 161/Post Road interim interchange improvements (TIF)									
	Architectural\Engineering fees	150,000		150,000						0
	Acquisition	0								0
	Construction	1,000,000			1,000,000					1,000,000
	Other expenses	0								0
	Total	1,150,000	0	150,000	1,000,000	0	0	0	0	1,000,000
ET1205	Coffman/Brand Road									
	Architectural\Engineering fees	150,000		150,000						0
	Acquisition	100,000			100,000					100,000
	Construction	1,300,000			1,300,000					1,300,000
	Other expenses	0								0
	Total	1,550,000	0	150,000	1,400,000	0	0	0	0	1,400,000
ET1521	Muirfield Drive and Memorial Drive									
	Architectural\Engineering fees	50,000			50,000					50,000
	Acquisition	0								0
	Construction	0								0
	Other expenses	0								0
	Total	50,000	0	0	50,000	0	0	0	0	50,000
New	West Innovation Park infrastructure									
	Architectural\Engineering fees	50,000			50,000					50,000
	Acquisition	0								0
	Construction	0								0
	Other expenses	0								0
	Total	50,000	0	0	50,000	0	0	0	0	50,000
New	SR 161/Hyland-Croy Road temporary intersection improvement									
	Architectural\Engineering fees	40,000			40,000					40,000
	Acquisition	0								0
	Construction	300,000				300,000				300,000
	Other expenses	0								0
	Total	340,000	0	0	40,000	300,000	0	0	0	340,000
	Multi-use paths/bike lanes									
ET1004	Brand Road multi-use path									
	Architectural\Engineering fees	206,000	206,000							0
	Acquisition	0								0
	Construction	1,015,000		1,015,000						0
	Other expenses	0								0
	Total	1,221,000	206,000	1,015,000	0	0	0	0	0	0

8/8/2012

2013 - 2017
FIVE-YEAR CAPITAL IMPROVEMENTS PROGRAM
FUNDED PROJECTS

	PROJECT	TOTAL COST	PRIOR YEAR(S)	2012	2013	2014	2015	2016	2017	TOTAL 2013 - 2017
ET1203	Dublin Road South multi-use path									
	Architectural\Engineering fees	246,000	246,000							0
	Acquisition	255,000		15,000	240,000					240,000
	Construction	1,900,000		400,000	1,500,000					1,500,000
	Other expenses	0								0
	Total	2,401,000	246,000	415,000	1,740,000	0	0	0	0	1,740,000
ET1204	Glick Road multi-use path									
	Architectural\Engineering fees	340,000		340,000						0
	Acquisition	60,000			60,000					60,000
	Construction	1,010,000		250,000	760,000					760,000
	Other expenses	0								0
	Total	1,410,000	0	590,000	820,000	0	0	0	0	820,000
ET1104	Muirfield Drive bike lanes									
	Architectural\Engineering fees	50,000	50,000							0
	Acquisition	0								0
	Construction	1,460,000				1,460,000				1,460,000
	Other expenses	0								0
	Total	1,510,000	50,000	0	0	1,460,000	0	0	0	1,460,000
	Total Transportation	**71,410,000**	**10,260,000**	**10,490,000**	**26,160,000**	**14,565,000**	**330,000**	**8,555,000**	**3,500,000**	**53,110,000**
GR9901	Darree Fields development									
	Architectural\Engineering fees	572,000	572,000							0
	Acquisition	552,000	552,000							0
	Construction	5,607,000	4,387,000	275,000	60,000			50,000	835,000	945,000
	Equipment	75,000	75,000							0
	Total	6,806,000	5,586,000	275,000	60,000	0	0	50,000	835,000	945,000
8/8/2012										
GR9903	Amberleigh Community Park development									
	Architectural\Engineering fees	259,000	144,000		40,000				75,000	115,000
	Acquisition	732,000	732,000							0
	Construction	1,695,000	1,375,000			320,000				320,000
	Equipment	0								0
	Total	2,686,000	2,251,000	0	40,000	320,000	0	0	75,000	435,000
GR9904	Emerald Fields (N.E. Quad Park) development									
	Architectural\Engineering fees	250,000	195,000					55,000		55,000
	Acquisition	1,220,000	1,220,000							0
	Construction	4,270,000	3,745,000					525,000		525,000
	Equipment	0								0
	Total	5,740,000	5,160,000	0	0	0	0	580,000	0	580,000
GR9902	Coffman Park expansion									
	Architectural\Engineering fees	370,000	50,000	280,000				40,000		40,000
	Acquisition	0								0
	Construction	5,700,000			3,570,000		800,000	660,000	670,000	5,700,000
	Equipment	0								0
	Total	6,070,000	50,000	280,000	3,570,000	0	800,000	700,000	670,000	5,740,000
GR1114	Holder tract									
	Architectural\Engineering fees	318,000	53,000	55,000		85,000		125,000		210,000
	Acquisition	0								0
	Construction	1,890,000			370,000		570,000		950,000	1,890,000
	Equipment	0								0
	Total	2,208,000	53,000	55,000	370,000	85,000	570,000	125,000	950,000	2,100,000
AL1202	Parkland acquisition									
	Acquisition	3,900,000		650,000	650,000	650,000	650,000	650,000	650,000	3,250,000
	Total	3,900,000	0	650,000	650,000	650,000	650,000	650,000	650,000	3,250,000
	Total Parks	**27,410,000**	**13,100,000**	**1,260,000**	**4,690,000**	**1,055,000**	**2,020,000**	**2,105,000**	**3,180,000**	**13,050,000**
8/8/2012										

2013 - 2017
FIVE-YEAR CAPITAL IMPROVEMENTS PROGRAM
FUNDED PROJECTS

	PROJECT	TOTAL COST	PRIOR YEAR(S)	2012	2013	2014	2015	2016	2017	TOTAL 2013 - 2017
ES0701	Sewer lining and repair									
	Architectural\Engineering fees	0								0
	Acquisition	0								0
	Construction	8,990,000	4,590,000	2,900,000			1,500,000			1,500,000
	Other expenses	0								0
	Total	8,990,000	4,590,000	2,900,000	0	0	1,500,000	0	0	1,500,000
New	South Fork Indian Run (SFIR) floodplain fill									
	Architectural\Engineering fees	10,000			10,000					10,000
	Acquisition	0								0
	Construction	450,000			450,000					450,000
	Other expenses	10,000			10,000					10,000
	Total	470,000	0	0	470,000	0	0	0	0	470,000
8/1/2011										
EW1101	Rings Road waterline									
	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
	Total	730,000	0	0	0	0	0	730,000	0	730,000
EW1201	Dublin Road water tower									
	Architectural\Engineering fees	134,000	134,000							0
	Acquisition	102,000	102,000							0
	Construction	2,813,000	513,000	2,300,000						0
	Other expenses	0								0
	Total	3,049,000	749,000	2,300,000	0	0	0	0	0	0
EF0201	Stormwater improvements									
	Architectural\Engineering fees	595,000	410,000		110000	75,000				185,000
	Acquisition	72,000	32,000		15000	25,000				40,000
	Construction	3,471,000	2,261,000		740,000	470,000				1,210,000
	Other expenses	0								0
	Total	4,138,000	2,703,000	0	865,000	570,000	0	0	0	1,435,000
	Total Utilities	**17,377,000**	**8,042,000**	**5,200,000**	**1,335,000**	**570,000**	**1,500,000**	**730,000**	**0**	**4,135,000**
AB0601	Municipal facilities									
	Architectural\Engineering fees	67,000	67,000							0
	Acquisition	0	0							0
	Construction	3,863,000	1,338,000	150,000	735,000	1,040,000	200,000	400,000	0	2,375,000
	Other expenses	0								0
	Total	3,930,000	1,405,000	150,000	735,000	1,040,000	200,000	400,000	0	2,375,000
	Total Facilities	**3,930,000**	**1,405,000**	**150,000**	**735,000**	**1,040,000**	**200,000**	**400,000**	**0**	**2,375,000**
AB0602	Historic Dublin									
	Architectural\Engineering fees	118,000	118,000							0
	Acquisition	381,000	381,000							0
	Construction	5,478,000	4,703,000	250,000	525,000					525,000
	Other expenses	0								0
	Total	5,977,000	5,202,000	250,000	525,000	0	0	0	0	525,000
AB1301	Bridge Street Corridor									
	Architectural\Engineering fees	0								0
	Acquisition	0								0
	Construction	4,500,000	0	750,000	750,000	750,000	750,000	750,000	750,000	3,750,000
	Other expenses	0								0
	Total	4,500,000	0	750,000	750,000	750,000	750,000	750,000	750,000	3,750,000
8/8/2012										

2013 - 2017
FIVE-YEAR CAPITAL IMPROVEMENTS PROGRAM
FUNDED PROJECTS

	PROJECT	TOTAL COST	PRIOR YEAR(S)	2012	2013	2014	2015	2016	2017	TOTAL 2013 - 2017
AI1201	Computer hardware/software									
	Equipment	6,145,000		990,000	1,130,000	1,145,000	1,065,000	905,000	910,000	5,155,000
	Total	6,145,000	0	990,000	1,130,000	1,145,000	1,065,000	905,000	910,000	5,155,000
PP1601	Radio System upgrade									
	Equipment	750,000	0	0	0	750,000	0	0	0	750,000
	Total	750,000	0	0	0	750,000	0	0	0	750,000
	Fleet management program									
AV1201	Fleet replacements	6,190,000	0	1,080,000	210,000	580,000	1,580,000	1,350,000	1,390,000	5,110,000
AV1203	Equipment additions/replacements	1,750,000	0	500,000	270,000	405,000	220,000	250,000	105,000	1,250,000
	Total	7,940,000	0	1,580,000	480,000	985,000	1,800,000	1,600,000	1,495,000	6,360,000
	Total Others	**25,312,000**	**5,202,000**	**3,570,000**	**2,885,000**	**3,630,000**	**3,615,000**	**3,255,000**	**3,155,000**	**16,540,000**
Grand Totals		**$145,439,000**	**$38,009,000**	**$20,670,000**	**$35,805,000**	**$20,860,000**	**$7,665,000**	**$15,045,000**	**$9,835,000**	**$89,210,000**

8/8/2012

2013-2017 Capital Improvements Program
Funding Sources for Major and Nonmajor Projects by Year

Funding Sources	2013	2014	2015	2016	2017	Totals 2013-2017	Percent
Major projects:							
Total cash/income tax revenue	$ 12,971,875	$ 9,305,000	$ 5,185,000	$ 7,065,000	$ 5,685,000	$ 40,211,875	45.08%
Tax increment financing(TIF Fund)	5,590,000	7,080,000	330,000	-	3,500,000	16,500,000	18.50%
Tax increment financing(advance):	4,800,000	3,825,000	-	-	-	8,625,000	9.67%
Debt	8,810,000	-	1,500,000	6,600,000	-	16,910,000	18.96%
Property taxes	650,000	650,000	650,000	650,000	650,000	3,250,000	3.64%
Utilities	-	-	-	730,000	-	730,000	0.82%
Other	2,983,125	-	-	-	-	2,983,125	3.34%
Total funding sources-Major projects	**$ 35,805,000**	**$ 20,860,000**	**$ 7,665,000**	**$ 15,045,000**	**$ 9,835,000**	**$ 89,210,000**	**100.00%**
Nonmajor projects:							
Total cash/income tax revenue	$ 8,530,000	$ 7,081,000	$ 7,290,000	$ 6,760,000	$ 7,694,000	$ 37,355,000	88.88%
Tax increment financing(TIF Fund)	-	279,000	-	-	451,000	730,000	1.74%
Property taxes	-	-	-	-	-	-	0.00%
Utilities	1,150,000	995,000	1,070,000	200,000	200,000	3,615,000	8.60%
Other	265,000	10,000	45,000	10,000	-	330,000	0.79%
Total funding sources-Nonmajor projects	**$ 9,945,000**	**$ 8,365,000**	**$ 8,405,000**	**$ 6,970,000**	**$ 8,345,000**	**$ 42,030,000**	**100.00%**
Total Funding Sources:							
Total cash/income tax revenue	$ 21,501,875	$ 16,386,000	$ 12,475,000	$ 13,825,000	$ 13,379,000	$ 77,566,875	59.10%
Tax increment financing(TIF Fund)	5,590,000	7,359,000	330,000	-	3,951,000	17,230,000	13.13%
Tax increment financing(advance):	4,800,000	3,825,000	-	-	-	8,625,000	6.57%
Debt	8,810,000	-	1,500,000	6,600,000	-	16,910,000	12.88%
Property taxes	650,000	650,000	650,000	650,000	650,000	3,250,000	2.48%
Utilities	1,150,000	995,000	1,070,000	930,000	200,000	4,345,000	3.31%
Other	3,248,125	10,000	45,000	10,000	-	3,313,125	2.52%
Total Funding Sources	**$ 45,750,000**	**$ 29,225,000**	**$ 16,070,000**	**$ 22,015,000**	**$ 18,180,000**	**$ 131,240,000**	**100.00%**

2013-2017 Capital Improvements Program
Funding Sources for Major Projects by Year

Funding Sources	2013	2014	2015	2016	2017	Totals 2013-2017
Cash/income tax revenue:						
Transportation-						
Relocated Rings Road	90,000	350,000	-	725,000	-	1,165,000
Hyland-Croy/McKitrick Road Roundabout	61,875	50,000	-	1,230,000	-	1,341,875
I-270/US 33 Interchange Phase 1 Improvements	-	1,800,000	-	-	-	1,800,000
Coffman Road/Brand Road Roundabout	1,400,000	-	-	-	-	1,400,000
Muirfield Drive and Memorial Drive	50,000	-	-	-	-	50,000
West Innovation Park Infrastructure	50,000	-	-	-	-	50,000
Shared Use Path Connections	2,560,000	1,460,000	-	-	-	4,020,000
Total Transportation	$ 4,211,875	$ 3,660,000	$ -	$ 1,955,000	$ -	$ 9,826,875
Parks-						
Darree Fields	$ 60,000	$ -	$ -	$ 50,000	$ 835,000	$ 945,000
Amberleigh Park	40,000	320,000	-	-	75,000	$ 435,000
Emerald Fields (NE Quad Park)	-	-	-	580,000	-	$ 580,000
Coffman Park expansion	3,570,000	-	800,000	700,000	670,000	$ 5,740,000
Holder Tract	370,000	85,000	570,000	125,000	950,000	$ 2,100,000
Total Parks	$ 4,040,000	$ 405,000	$ 1,370,000	$ 1,455,000	$ 2,530,000	$ 9,800,000
Police-						
Radio System Upgrade	$ -	$ 750,000	$ -	$ -	$ -	$ 750,000
Total Police	$ -	$ 750,000	$ -	$ -	$ -	$ 750,000
Utilities-						
Stormwater	$ 1,100,000	$ 570,000	$ -	$ -		$ 1,670,000
Total Utilities	$ 1,100,000	$ 570,000	$ -	$ -	$ -	$ 1,670,000
Facilities-						
Municipal Facilities	$ 735,000	$ 1,040,000	$ 200,000	$ 400,000	$ -	$ 2,375,000
Total Facilities	$ 735,000	$ 1,040,000	$ 200,000	$ 400,000	$ -	$ 2,375,000
Other Projects-						
Historic Dublin	$ 525,000	$ -	$ -	$ -	$ -	$ 525,000
Computer Hardware and Software	1,130,000	1,145,000	1,065,000	905,000	910,000	5,155,000
Fleet Management Program	480,000	985,000	1,800,000	1,600,000	1,495,000	6,360,000
Bridge Street Corridor	750,000	750,000	750,000	750,000	750,000	3,750,000
Total Other projects	$ 2,885,000	$ 2,880,000	$ 3,615,000	$ 3,255,000	$ 3,155,000	$ 15,790,000
Total cash/income tax revenue	**$ 12,971,875**	**$ 9,305,000**	**$ 5,185,000**	**$ 7,065,000**	**$ 5,685,000**	**$ 40,211,875**

2013-2017 Capital Improvements Program
Funding Sources for Major Projects by Year

Funding Sources	2013	2014	2015	2016	2017	Totals 2013-2017
Tax Increment Financing (TIF Fund):						
Transportation-						
Tuttle Crossing Blvd Ext - Wilcox Rd to Avery Rd	$ 700,000	$ 1,800,000	$ -	$ -	$ -	$ 2,500,000
Emerald Parkway-Riverside to Billingsley Creek; Tuller Rd. Relocation (cash)		875,000	-	-	-	875,000
Avery Rd Widening - Woerner Temple to Rings West	-	530,000	-	-	-	530,000
Frantz Road Utility Burial - Pizzuti	850,000	-	-	-		850,000
Hyland Croy/Brand Road Intersection	3,400,000	-	-	-	-	3,400,000
Avery-Muirfield/Perimeter Loop and Perimeter Drive Intersections	-	500,000	330,000	-	3,500,000	- 4,330,000
Sawmill Road/Hard Road Intersection	50,000	1,475,000	-	-	-	1,525,000
US 33/SR 161/Post Road Improvements	500,000	-	-	-	-	500,000
I-270/US 33 Interchange Phase 1 improvements	50,000	1,600,000	-	-	-	1,650,000
Hyland-Croy/SR161 Temp Intersection Imp (Per West)	40,000	300,000	-	-	-	340,000
Total Transportation	$ 5,590,000	$ 7,080,000	$ 330,000	$ -	$ 3,500,000	$ 16,500,000
Tax Increment Financing (Advance):						
Transportation-						
Emerald Parkway-Riverside to Billingsley Creek (cash)	$ -	$ 2,000,000	$ -	$ -	$ -	2,000,000
Frantz Road Utility Burial - Pizzuti	900,000	-	-	-	-	900,000
Frantz/Dublin Road Connector	2,650,000	-	-	-	-	2,650,000
Sawmill Road/Hard Road Intersection	-	225,000	-	-	-	225,000
US 33/SR 161/Post Road Improvements	500,000	-	-	-	-	500,000
I-270/US 33 Interchange Phase 1 Improvements	750,000	1,600,000	-	-	-	2,350,000
Total Transportation	$ 4,800,000	$ 3,825,000	$ -	$ -	$ -	$ 8,625,000
Total TIF financing	**$ 10,390,000**	**$ 10,905,000**	**$ 330,000**	**$ -**	**$ 3,500,000**	**$ 25,125,000**

2013-2017 Capital Improvements Program
Funding Sources for Major Projects by Year

Funding Sources	2013	2014	2015	2016	2017	Totals 2013-2017
Debt:(Income Tax Funded)						
Transportation-						
I-270/US 33 Interchange Phase 1 improvements	8,810,000	-	-	6,600,000	-	15,410,000
Total Transportation	$ 8,810,000	$ -	$ -	$ 6,600,000	$ -	$ 15,410,000
Utilities-						
Sewer-						
Sewer Relining and Repairs	$ -	$ -	$ 1,500,000	$ -	$ -	$ 1,500,000
Total Utilities	$ -	$ -	$ 1,500,000	$ -	$ -	$ 1,500,000
Total Debt	**$ 8,810,000**	**$ -**	**$ 1,500,000**	**$ 6,600,000**	**$ -**	**$ 16,910,000**
Property taxes:						
Parks-						
Parkland Acquisition	$ 650,000	$ 650,000	$ 650,000	$ 650,000	$ 650,000	$ 3,250,000
Total Property taxes	**$ 650,000**	**$ 650,000**	**$ 650,000**	**$ 650,000**	**$ 650,000**	**$ 3,250,000**
Utilities:						
Water-						
Rings Road waterline	-	-	-	730,000	-	730,000
Total Water	$ -	$ -	$ -	$ 730,000		$ 730,000
Total Utilities	**$ -**	**$ -**	**$ -**	**$ 730,000**	**$ -**	**$ 730,000**

2013-2017 Capital Improvements Program
Funding Sources for Major Projects by Year

Funding Sources	2013	2014	2015	2016	2017	Totals 2013-2017
Other						
Transportation-						
Emerald Parkway-Riverside to Billingsley Creek	$ 900,000	$ -	$ -	$ -		$ 900,000
Railroad Quiet Zone	470,000	-	-	-	-	$ 470,000
Avery-Muirfield/Tullymore/Valley Stream/Avery Rd	700,000	-	-	-	-	$ 700,000
Sawmill Road/Hard Road intersection	500,000	-	-	-		$ 500,000
Cosgray Road/Shier Rings intersection	-	-	-	-	-	$ -
Dublin Road/Glick Road Intersection	60,000	-	-	-	-	$ 60,000
Hyland-Croy/McKitrick Road Roundabout	118,125	-	-	-	-	$ 118,125
Total Transportation	$ 2,748,125	$ -	$ -	$ -	$ -	$ 2,748,125
Stormwater-						
South Fork Indian Run Floodplain Fill	$ 235,000	$ -	$ -	$ -	$ -	$ 235,000
Total Stormwater	$ 235,000	$ -	$ -	$ -	$ -	$ 235,000
Total Other	**2,983,125**	**-**	**-**	**-**	**-**	**2,983,125**
Total 2013-2017 CIP	**35,805,000**	**20,860,000**	**7,665,000**	**15,045,000**	**9,835,000**	**89,210,000**

2013-2017 Capital Improvements Program
Funding Sources for Nonmajor Projects by Year

Funding Sources	2013	2014	2015	2016	2017	Totals 2013-2017
Cash / Income Tax Revenue:						
Administration	$ 1,285,000	$ 1,045,000	$ 915,000	$ 715,000	$ 675,000	$ 4,635,000
Parks and Recreation (1)	1,130,000	495,000	555,000	450,000	800,000	3,430,000
Police	385,000	235,000	80,000	40,000	25,000	765,000
Transportation	5,170,000	4,746,000	5,180,000	4,995,000	5,634,000	25,725,000
Stormwater	560,000	560,000	560,000	560,000	560,000	2,800,000
Total Cash / Income Tax Revenue	$ 8,530,000	$ 7,081,000	$ 7,290,000	$ 6,760,000	$ 7,694,000	$ 37,355,000
Tax Increment Financing (TIF Fund):						
Parks and Recreation	$ -	$ -	$ -	$ -	$ 150,000	$ 150,000
Transportation	-	279,000	-	-	301,000	580,000
Total Tax Increment Financing	$ -	$ 279,000	$ -	$ -	$ 451,000	$ 730,000
Other Funds:						
Administration-Hotel/Motel Tax	$ 15,000	$ 10,000	$ 45,000	$ 10,000	$ -	$ 80,000
Transportation-State Highway	250,000	-	-	-	-	250,000
Transportation - Permissive Tax						-
Total Other funds	$ 265,000	$ 10,000	$ 45,000	$ 10,000	$ -	$ 330,000
Utilities:						
Sewer	$ 835,000	$ 200,000	$ 700,000	$ 200,000	$ 200,000	$ 2,135,000
Water	315,000	795,000	370,000	-	-	1,480,000
Total Utilities	$ 1,150,000	$ 995,000	$ 1,070,000	$ 200,000	$ 200,000	$ 3,615,000
Total 2013-2017 CIP	$ 9,945,000	$ 8,365,000	$ 8,405,000	$ 6,970,000	$ 8,345,000	$ 42,030,000
Less:						
Utilities	(1,150,000)	(995,000)	(1,070,000)	(200,000)	(200,000)	(3,615,000)
Total-Sources Other Than Utilities	**$ 8,795,000**	**$ 7,370,000**	**$ 7,335,000**	**$ 6,770,000**	**$ 8,145,000**	**$ 38,415,000**
(1) Breakdown:						
Renovation	1,055,000	485,000	555,000	450,000	700,000	3,245,000
New park development	75,000	10,000	-	-	250,000	335,000
	1,130,000	495,000	555,000	450,000	950,000	3,580,000

2013-2017 CIP
Recap of Recommended Projects, Cash Needs and Available Resources
(Income tax supported - excludes other sources of revenue)

RECOMMENDED PROJECTS

Project Description	2013	2014	2015	2016	2017
Nonmajor Projects:					
Administration	$1,300,000	$1,055,000	$960,000	$725,000	$675,000
Parks	1,130,000	495,000	555,000	450,000	950,000
Police	385,000	235,000	80,000	40,000	25,000
Transportation	5,420,000	5,025,000	5,180,000	4,995,000	5,935,000
Stormwater	560,000	560,000	560,000	560,000	560,000
Total Nonmajor	8,795,000	7,370,000	7,335,000	6,770,000	8,145,000
Major Projects:					
Administration:					
Computer Hardware and Software	1,130,000	1,145,000	1,065,000	905,000	910,000
Municipal Facilities	735,000	1,040,000	200,000	400,000	0
Fleet Management Program	480,000	985,000	1,800,000	1,600,000	1,495,000
Historic Dublin	525,000	0	0	0	0
Bridge Street Corridor	750,000	750,000	750,000	750,000	750,000
Parks & Recreation:					
Darree Fields Development	60,000	0	0	50,000	835,000
Amerleigh Park	40,000	320,000	0	0	75,000
Emerald Fields (NE Quad Park)	0	0	0	580,000	0
Coffman Park Expansion	3,570,000	0	800,000	700,000	670,000
Holder Tract	370,000	85,000	570,000	125,000	950,000
Police:					
Radio System Upgrade	0	750,000	0	0	0
Transporation:					
Tuttle Crossing Extenstion (Rings/Frantz TIF)	0	0	0	0	0
Emerald Parkway - Phase 8 (Riverside to Bright) (McKitrick TIF & Debt Funding)	9,710,000	2,875,000	0	0	0
Relocated Rings Road	90,000	350,000	0	725,000	0
Frantz Road Utility Burial (Pizzuti TIF / Advance)	1,750,000	0	0	0	0
Frantz/Dublin Rd. Connector (Possible Cardinal Health South TIF / Advance)	2,650,000	0	0	0	0
Railroad Quiet Zone	470,000	0	0	0	0
Avery Road Widening - Woerner Temple to Rings Road West (Thomas/Kohler TIF)	0	530,000	0	0	0
Intersection Improvements:					
Hyland-Croy/Brand Rd. (Tartan West TIF)	0	0	0	0	0
Avery-Muirfield/Perimeter Loop/Perimeter Drive (Ruscilli & Perimeter Center TIF)	0	0	0	0	0
Avery-Muirfield/Tullymore Dr./Avery Rd. (Permissive Tax Fund)	700,000	0	0	0	0
Sawmill Rd./Hard Rd. (Lifetime TIF/Advance)	550,000	1,700,000	0	0	0
Hyland-Croy/McKitrick Roundabout	180,000	50,000	0	1,230,000	0
I270/US33 Interchange (Upper Metro TIF)	800,000	5,000,000	0	6,600,000	0
Dublin Rd/Glick (Permissive Tax)	60,000	0	0	0	0
US33/SR161/Post Rd Ramp Interim Improvements (Perimeter West TIF / Advance)	1,000,000	0	0	0	0
Coffman Road / Brand Road Roundabout	1,400,000	0	0	0	0
Muirfield Drive/Memorial Drive	50,000	0	0	0	0
West Innovation Park Infrastructure	50,000	0	0	0	0
SR 161 and Hyland-Croy Road Temporary Intersection Improvements (Perimeter West TIF)	0	0	0	0	0
Multiuse Path Connections:					
Dublin Road South	1,740,000	0	0	0	0
Glick Road	820,000	0	0	0	0
Muirfield Drive	0	1,460,000	0	0	0
Stormwater:					
Stormwater Improvements	865,000	570,000	0	0	0
South Fork Indian Run Floodplain Fill	470,000	0	0	0	0
Total Project Costs	39,810,000	24,980,000	12,520,000	20,435,000	13,830,000

2013-2017 CIP
Recap of Recommended Projects, Cash Needs and Available Resources
(Income tax supported - excludes other sources of revenue)

RECOMMENDED PROJECTS
AVAILABLE RESOURCES

Funding Source	2013	2014	2015	2016	2017
Available Reserves	10,500,000	1,928,866	113,824	5,741,767	9,398,453
Income Taxes - Cash Capital Allocation	7,487,435	7,599,747	7,713,743	7,829,449	7,946,891
Income Taxes - Surplus from Allocation for Debt	6,703,056	6,845,211	7,051,700	6,717,612	6,924,844
Property Tax Revenue (Inside Millage - .8 mills) - Reserved for Debt	1,560,000	0	0	0	0
Property Tax Revenue (Inside Millage - .6 mills) - Includes .8 mills from above	1,170,000	1,170,000	1,170,000	1,170,000	1,170,000
Repayment of advances from TIF Funds	905,500	1,655,500	2,330,500	2,125,500	2,092,190
Thomas/Kohler TIF (IGS Park and utility burial)	0	0	0	0	150,000
Hotel/Motel Tax Fund (Public Art Maintenance)	15,000	10,000	45,000	10,000	0
Annual Multi-Use Path Connections/Additions (Transportation Non-Major) - Pizzuti TIF	0	193,000	0	0	0
Annual Multi-Use Path Connections/Additions (Transportation Non-Major) - Tartan West TIF	0	86,000	0	0	0
Annual Multi-Use Path Connections/Additions (Transportation Non-Major) - Perimeter Center/Rusci	0	0	0	0	301,000
State Highway Fund (Riverside Drive overlay and Hard Road lane)	250,000	0	0	0	0
629 Grant for Emerald Parkway Phase 8	900,000	0	0	0	0
TIF Funding for Emerald Parkway Phase 8	0	875,000	0	0	0
Debt Proceeds - Emerald Parkway Phase 8	8,810,000	0	0	0	0
TIF Funding for Frantz Road Utility Burial (Pizzuti)	850,000	0	0	0	0
State Capital Budget - Railroad Quiet Zone	470,000	0	0	0	0
Avery Road Widening - Woerner Temple to Rings Road West (Thomas/Kohler TIF)	0	530,000	0	0	0
Permissive Tax Fund - Transportation (major: Avery-Muirfield/Tullymore/Valley Stream/Avery	700,000	0	0	0	0
Developer Contribution - Sawmill/Hard	500,000	0	0	0	0
TIF Funding for Sawmill/Hard (Lifetime)	50,000	1,475,000	0	0	0
Developer Contribution - Hyland-Croy/McKitrick	118,125	0	0	0	0
General Fund Advance for I270/US 33 Interchange	750,000	1,600,000	0	0	0
TIF Funding for I270/US 33 Interchange	50,000	1,600,000	0	0	0
Debt Proceeds - I270/US 33 Interchange	0	0	0	6,600,000	0
Permissive Tax Fund - Transportation (major: Dublin/Glick)	60,000	0	0	0	0
TIF Funding for US33/SR161/Post Rd. Ramp Interim Improvements	500,000	0	0	0	0
Developer contributions - South Fork Indian Run Floodplain Fill	235,000	0	0	0	0
Interest income-Capital Improvement Tax Fund	**150,000**	**150,000**	**150,000**	**150,000**	**150,000**
Total Available Resources	42,734,116	25,718,324	18,574,767	30,344,328	28,133,378
Total Project Costs	(39,810,000)	(24,980,000)	(12,520,000)	(20,435,000)	(13,830,000)
Contingencies (2.5% of Project Cost)	(995,250)	(624,500)	(313,000)	(510,875)	(345,750)
Balance	1,928,866	113,824	5,741,767	9,398,453	13,957,628
Additional General Fund Reserves	0	0	0	0	0
Available Reserves to Carry Forward	1,928,866	113,824	5,741,767	9,398,453	13,957,628

Total Revenues vs. Total Expenditures

Estimated resources per recap sheet	84,069,688
Property tax revenue(inside millage)	7,410,000
General Fund advance	2,350,000
Pizzuti TIF	1,043,000
Thomas/Kohler TIF	680,000
Tartan West TIF	86,000
Lifetime TIF	1,525,000
Upper Metro TIF	1,650,000
Perimeter West TIF	500,000
Perimeter Center/Ruscilli TIF	301,000
McKitrick TIF	875,000
Hotel/Motel Tax Fund	80,000
Repayment of advances	9,109,190
State Highway Fund	250,000
Permissive tax revenues	760,000
Developer contributions	853,125
Anticipated grants	900,000
State Capital budget	470,000
Debt proceeds	15,410,000
Total expenditures, including contingencies	(114,364,375)
Total surplus/(deficit)	13,957,628

2013– 2017
Proposed Capital Improvements Program

Resources

Resources	3-1
Estimated Resources Available For Capital Projects (Non-utilities)	3-2
Income Tax Revenue Projections	3-3
Debt Service Payments Due	3-4
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Property Tax Revenue (Inside millage)	3-7
Service Payments from TIF Districts	3-8
Water Fund	3-9
Sewer Fund	3-10
Intergovernmental Revenue	3-11
Permissive Tax Revenue	3-12

2013-2017 Capital Improvements Program
Resources

Description	2013	2014	2015	2016	2017	Total
General Fund:						
Allocation from reserves	$ -	$ -	$ -	$ -	$ -	$ -
Advance	750,000	1,600,000	-	-	-	2,350,000
Capital Improvements Tax Fund:						
Reserves	10,500,000	-	-	-		10,500,000
Interest income	150,000	150,000	150,000	150,000	150,000	750,000
Income tax revenue:						
Income tax-cash capital allocation	7,487,435	7,599,747	7,713,743	7,829,449	7,946,891	38,577,265
Income tax-surplus from debt allocation	6,703,056	6,845,211	7,051,700	6,717,612	6,924,844	34,242,423
Property tax revenue:						
Capital Improvements Tax Fund	2,730,000	1,170,000	1,170,000	1,170,000	1,170,000	7,410,000
Parkland Acquisition Fund	650,000	650,000	650,000	650,000	650,000	3,250,000
TIF Funds:						
Existing balances and service payments						
Rings/Frantz (Fund #433)	700,000	1,800,000	-	-	-	2,500,000
McKitrick (Fund #421)	-	875,000	-	-	-	875,000
Pizzuti (Fund #416)	850,000	193,000	-	-	-	1,043,000
Thomas/Kohler (Fund #419)	-	530,000	-	-	150,000	680,000
Tartan West (Fund #443)	3,400,000	86,000	-	-	-	3,486,000
Perimeter Center and	-	-	-	-	-	-
Ruscilli (Fund #425 and #415)	-	500,000	330,000	-	3,801,000	4,631,000
LifeTime Fitness (#447)	50,000	1,475,000	-	-	-	1,525,000
Upper Metro (Fund #432)	50,000	1,600,000	-	-	-	1,650,000
Perimeter West (Fund #431)	540,000	300,000	-	-	-	840,000
Repayment of outstanding advances	905,500	1,655,500	2,330,500	2,125,500	2,092,190	9,109,190
Debt:						
Income tax repayment	8,810,000	-	-	6,600,000	-	15,410,000
Water Fund repayment	-	-	-	-	-	-
Sewer Fund repayment	-	-	2,000,000	-	-	2,000,000
Other Funds:						
Special Reveunue Funds-						
State Highway Fund	250,000	-	-	-	-	250,000
Permissive Tax Fund						
Dublin/Glick	60,000					60,000
Avery-Muirfield/Tullymore	700,000					700,000
Hotel/Motel Tax Fund	15,000	10,000	45,000	10,000	-	80,000
Enterprise Funds-						
Water Fund	315,000	795,000	370,000	730,000	-	2,210,000
Sewer Fund	835,000	200,000	200,000	200,000	200,000	1,635,000
Other sources:						
Federal grants	-	-	-	-	-	-
State grants	900,000	-	-	-	-	900,000
State Capital Budget	470,000	-	-	-	-	470,000
Other governmental revenues	-	-	-	-	-	-
Developer contributions		-	-	-	-	-
South Fork Indian Run Floodplain Fill	235,000					235,000
Sawmill/Hard	500,000					500,000
Hyland-Croy/McKitrick	118,125					118,125
Total Resources	48,674,116	28,034,458	22,010,943	26,182,561	23,084,925	147,987,003
Total Proposed Funded Projects						131,240,000
Contingencies for Income Tax Funded Projects						2,789,375
						134,029,375
Difference between Resources and Proposed Funded Projects		Agrees with Recap of Recommended Projects, Cash Needs, and Available Resources				$ 13,957,628

City of Dublin
Estimated Resources Available For Capital Projects(Non-utilities)
For The Years 2013 Through 2017

Recap of Projected Reserves		
For The Years 2013 Through 2017		
Year-end 2012	10,500,000 (1)	
Year-end 2013	0 (2)	
Year-end 2014	0 (2)	
Year-end 2015	0 (2)	
Year-end 2016	0 (2)	
Year-end 2017	0 (2)	
		10,500,000
Recap of Estimated Income Tax Allocated For Cash Capital Projects		
For the Period 2013 Through 2017		
2013	7,487,435 (3)	
2014	7,599,747 (3)	
2015	7,713,743 (3)	
2016	7,829,449 (3)	
2017	7,946,891 (3)	
		38,577,265
Recap of Surplus From Debt Allocated Income Tax		
2013	6,703,056 (4)	
2014	6,845,211 (4)	
2015	7,051,700 (4)	
2016	6,717,612 (4)	
2017	6,924,844 (4)	
		34,242,423
Recap of Estimated Interest Income for Capital Imp. Tax Fund		
2013	150,000	
2014	150,000	
2015	150,000	
2016	150,000	
2017	150,000	
		750,000
Total Estimated Resources		$84,069,688

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

2013-2017
FIVE-YEAR CAPITAL IMPROVEMENTS PROGRAM
INCOME TAX REVENUE PROJECTIONS

	2010	2011	2012	2013	2014	2015	2016	2017
Income Tax Revenue*	$68,860,785	$71,619,257	$73,767,835	$74,874,352	$75,997,467	$77,137,429	$78,294,491	$79,468,908
Revenue for capital projects (25% of income tax revenue)	17,215,196	17,904,814	18,441,959	18,718,588	18,999,367	19,284,357	19,573,623	19,867,227
[1]Revenue available for cash capital projects	6,886,079	7,161,926	7,376,783	7,487,435	7,599,747	7,713,743	7,829,449	7,946,891
[2]Revenue available for debt financed projects	10,329,118	10,742,889	11,065,175	11,231,153	11,399,620	11,570,614	11,744,174	11,920,336
[3]Recommended maximum amount of outstanding debt	75,870,311	92,704,970	106,787,140	87,203,203	85,578,898	84,504,361	84,995,788	83,453,969

* Income tax revenues for 2010 and 2011 reflect actual collections.
The remaining years reflect an estimated increase over the previous year as follows:

2012-Based on revsied 2012 projection of 3.0% increase over 2011 (original appropriation $70,225,470)
2013 - 1.5%
2014 - 1.5%
2015 - 1.5%
2016 - 1.5%
2017 - 1.5%

[1]40% of the 25% designated for capital improvements is further designated for cash capital projects.
[2]60% of the 25% designated for capital improvements is further designated to retire debt issued for capital projects.
[3]Forwarded from page 6-3. 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.

2013 - 2017
FIVE-YEAR CAPITAL IMPROVEMENTS PROGRAM
DEBT SERVICE PAYMENTS DUE
(Income tax supported debt only)

Debt Issue	2010	2011	2012	2013	2014	2015	2016	2017
Water Tower Construction	$161,686	$0	$0	$0	$0	$0	$0	$0
Swimming Pool Construction	86,681	0	0	0	0	0	0	0
Water System Improvements	113,616	0	0	0	0	0	0	0
Frantz Road Improvements	37,219	0	0	0	0	0	0	0
Service Complex	176,789	0	0	0	0	0	0	0
Sanitary Sewer Lift Station	128,308	0	0	0	0	0	0	0
Coffman Road Extension	21,435	0	0	0	0	0	0	0
Justice Center-land	61,243	0	0	0	0	0	0	0
N.E. Quad. Park Land	81,658	0	0	0	0	0	0	0
Justice Center Construction	320,304	140,760	0	0	0	0	0	0
Community Recreation Center	220,500	0	0	0	0	0	0	0
Community Recreation Center Expansion (2018)	278,081	278,613	283,133	281,472	279,753	280,583	278,172	268,092
Scioto Bridge Construction (2017)	547,558	556,950	561,790	559,350	557,770	560,160	554,040	533,520
Avery-Muirfield/US 33 interchange (2019)	610,786	610,786	610,786	610,786	610,786	610,786	610,786	610,786
Woerner-Temple extension (2019)	448,579	0	0	0	0	0	0	0
Emerald Pkwy-Perimeter/Shier Rings (2019)	528,780	530,957	525,042	523,991	566,106	543,886	533,675	534,355
Service Complex expansion (2021)	276,635	275,844	276,240	275,557	278,219	276,257	276,530	276,598
Swimming Pool Construction (2025)	220,598	221,797	222,883	222,066	220,888	220,342	218,459	217,241
Aryshire Drive culvert-OPWC loan (2014)	27,975	27,975	27,975	27,975	13,987	0	0	0
Land acquisition-economic development	500,000	489,500	0	0	0	0	0	0
Industrial Parkway/SR 161 improvements[1]	669,606	671,690	0	0	0	0	0	0
LED street lighting[2]	0	0	26,000	205,000	205,000	205,000	205,000	205,000
I-270/SR 161 interchange-Phase 1[2]	0	0	0	0	0	0	528,000	528,000
Reserved for potential Bridge Street Corridor projects	0	0	0	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Reserved for US 33/SR 161/Post interchange	0	0	0	500,000	500,000	500,000	500,000	500,000
Reserved for Eiterman Road relocation	0	0	0	321,900	321,900	321,900	321,900	321,900
Total	**5,518,037**	**3,804,872**	**2,533,850**	**4,528,097**	**4,554,409**	**4,518,914**	**5,026,562**	**4,995,492**
Income tax revenue available for debt retirement (from page 3-2)	**10,329,118**	**10,742,889**	**11,065,175**	**11,231,153**	**11,399,620**	**11,570,614**	**11,744,174**	**11,920,336**
Balance available[3]	**$4,811,081**	**$6,938,016**	**$8,531,326**	**$6,703,056**	**$6,845,211**	**$7,051,700**	**$6,717,612**	**$6,924,844**
Amount of additional debt that could be supported[4]	**$49,092,659**	**$70,796,082**	**$87,054,343**	**$68,398,526**	**$69,849,092**	**$71,956,122**	**$68,547,057**	**$70,661,672**
Recommended maximum amount of additional debt	**$44,183,393**	**$63,716,474**	**$78,348,909**	**$61,558,673**	**$62,864,183**	**$64,760,510**	**$61,692,352**	**$63,595,505**

[1] Beginning in 2012, the annual debt obligations will be paid from the Perimeter TIF Fund.
[2] Estimated debt service obligations; Estimate assumes 20 year bonds at 7.5% and level payments.
[3] Funding not needed for debt service is utilized to fund cash basis projects.
[4] It is not recommended that the total amount be issued in long-term debt.

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

2013 - 2017
FIVE-YEAR CAPITAL IMPROVEMENTS PROGRAM
DEBT SERVICE PAYMENTS DUE
(Debt supported by sources other than income tax revenue)

	2010	2011	2012	2013	2014	2015	2016	2017
Service Payments								
Emerald Parkway-Phase 2 (2016) [1]	$641,166	$651,840	$650,540	$654,040	$646,240	$548,420	$494,000	$0
Rings Road improvements (2020) 1	271,424	277,408	272,801	271,128	270,479	269,358	274,081	274,890
Woerner-Temple Road (2020) 2	0	451,079	446,043	445,136	480,900	462,007	448,662	449,263
Perimeter Drive extension (2020) 1	304,688	310,737	305,573	303,697	302,971	301,714	305,874	306,777
Emerald Parkway-Phase 7A (2020) 1	159,071	160,057	157,391	156,422	156,048	155,400	155,678	156,137
Industrial Parkway/SR 161 improvements [1]	0	0	668,990	671,190	673,190	670,195	671,428	670,792
Emerald Parkway-Phase 8 [3]	0	0	0	826,500	826,500	826,500	826,500	826,500
Dublin/Frantz Connector [3]	0	0	0	230,550	230,550	230,550	230,550	230,550
	1,376,349	**1,851,121**	**2,501,338**	**3,558,663**	**3,586,878**	**3,464,144**	**3,406,773**	**2,914,909**
Water and Sewer Funds								
Rings/Blazer Water Tower (2014)	360,360	358,400	355,480	356,600	356,440	0	0	0
Upper Scioto West Branch (2018)	1,350,725	1,350,725	1,350,725	1,350,725	1,350,725	1,350,725	1,350,725	1,350,725
Darree Fields Water Tower (2029)	138,486	139,773	138,173	141,573	139,873	138,215	141,420	139,168
Dublin Road Water Tower (2031) [3]	0	0	29,500	235,000	235,000	235,000	235,000	235,000
Sewer Line Repairs (2029)	154,952	155,814	154,014	152,214	155,414	153,562	151,555	154,178
Sewer Line Repairs (2031) [3]	0	0	32,000	250,000	250,000	250,000	250,000	250,000
Sewer System Improvements (2034)	0	0	0	0	0	160,000	160,000	160,000
	2,004,523	**2,004,712**	**2,059,892**	**2,486,112**	**2,487,452**	**2,287,502**	**2,288,700**	**2,289,071**
Property Taxes (Voted)								
#2 Sewer	5,325	0	0	0	0	0	0	0
	5,325	0	0	0	0	0	0	0
Special Assessments								
Tuller Road	108,800	108,680	108,240	107,480	106,400	0	0	0
Ballantrae improvements	126,942	129,312	128,616	128,299	129,537	128,624	128,752	128,784
	235,742	**237,992**	**236,856**	**235,779**	**235,937**	**128,624**	**128,752**	**128,784**
Property Taxes (Inside millage)								
Parkland acquisition-Coffman Park (2020)	236,485	228,134	225,684	225,243	242,632	233,445	236,700	238,820
Metro Park contribution (2017)	385,000	385,000	385,000	385,000	385,000	385,000	385,000	385,000
Reserved for US 33/SR 161/Post interchange [4]	1,650,000	1,650,000	0	0	1,560,000	1,560,000	1,560,000	1,560,000
	2,271,485	**2,263,134**	**610,684**	**610,243**	**2,187,632**	**2,178,445**	**2,181,700**	**2,183,820**
Hotel/Motel Tax Revenues								
Arts Facility	**166,643**	**166,044**	**163,280**	**162,277**	**161,889**	**161,217**	**162,254**	**162,734**
Total	**$6,060,067**	**$6,523,003**	**$5,572,050**	**$7,053,074**	**$8,659,788**	**$8,219,932**	**$8,168,179**	**$7,679,318**

[1] Service payments are sufficient or exceed annual debt service obligations.
[2] 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.
[3] Estimated debt service obligations; Estimate assumes 20 year bonds at 7.5% and level payments.
[4] Amounts in 2009-2011 transferred to the COIC Improvement Fund.

2013-2017 Capital Improvements Program
Debt Proceeds

Proposed Project	2013	2014	2015	2016	2017
Long-term Bonds-Retired by Income Taxes					
I-270/US 33 interchange phase 1	0	0	0	6,600,000	0
Total-Retired by Income Taxes	$0	$0	$0	$6,600,000	$0
Long-term Bonds-Retired by Utility Revenues					
Dublin Road water tower(Water Fund)	$0	$0	$0	$0	$0
Sewer lining and repairs(Sewer Fund)	$0	$0	$2,000,000	$0	$0

Long-term debt is also programmed to be issued for the construction of Emerald Parkway-Phase 8. Those resources have been accounted for in the TIF projcts.

2013-2017 Capital Improvements Program
Property Tax Revenue-Inside Millage

Millage	1.75
Assessed value	$1,953,334,600

Current distribution-

Parkland Acquisition Fund	0.35 mills	
Capital Improvements Tax Fund(1)	0.8 mills	Debt Funding
Capital Improvements Tax Fund(2)	0.6 mills	Cash Funding

Funding allocation	2013	2014	2015	2016	2017
Parkland Acquisition Fund	$680,000	$680,000	$680,000	$680,000	$680,000
Capital Improvements Tax Fund (1)	$0	$1,560,000	$1,560,000	$1,560,000	$1,560,000
Capital Improvements Tax Fund (2)	$2,730,000	$1,170,000	$1,170,000	$1,170,000	$1,170,000
Total	$3,410,000	$3,410,000	$3,410,000	$3,410,000	$3,410,000

(1) Millage allocated for estimated debt retirement for COIC area roadway improvements. These funds are reflected in the **Debt Service Payments Due** schedule and are currently identified as "Reserved" for the interchange project.

(2) Millage allocated for cash capital funding in 2010, 2011 and 2012. The distribution will be review as part of the 2013-2017 CIP workshops.

This 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	Balance at 12/31/2010	2011 Advances Repaid	Balance at 12/31/2011	2012 Advances Repaid	Balance at 12/31/2012	2013 Advances Repaid	Balance at 12/31/2013	2014 Advances Repaid	Balance at 12/31/2014	2015 Advances Repaid	Balance at 12/31/2015	2016 Advances Repaid	Balance at 12/31/2016	2017 Advances Repaid	Balance at 12/31/2017
Thomas/Kohler TIF(1)	$2,015,000	$0	$2,015,000	$500,000	$1,515,000	$500,000	$1,015,000	$500,000	$515,000	$515,000	$0	$0	$0	$0	$0
McKitrick TIF	0	0	0	0	0	0	0	0	0	0	0	0	0		0
Perimeter West TIF	0	0	0	0	0	0	500,000	0	500,000	0	500,000	250,000	250,000	250,000	0
Upper Metro Place	0	0	0										0		0
Rings/Frantz (Nationwide) TIF(2)	3,938,638	0	3,938,638	0	3,938,638	0	3,938,638	750,000	3,188,638	750,000	2,438,638	750,000	1,688,638	750,000	938,638
Historic Dublin TIF	435,000	0	503,500	40,000	463,500	50,000	413,500	50,000	363,500	50,000	313,500	50,000	263,500	45,000	218,500
Emerald-Phase 5(3)	1,095,340	0	1,095,340	0	1,095,340	220,000	875,340	220,000	655,340	220,000	435,340	220,000	215,340	215,340	0
Emerald-Phase 8	0	0	0	0	0	0	0	0	2,000,000	0	2,000,000	0	2,000,000	0	2,000,000
Shamrock Blvd. TIF	1,671,500	0	1,702,500	0	1,702,500	0	1,702,500	0	1,702,500	0	1,702,500	0	1,702,500	0	1,702,500
Tartan West TIF(4)	5,762,000	0	7,262,000	0	8,162,000	0	8,162,000	0	8,162,000	150,000	8,012,000	150,000	7,862,000	150,000	7,712,000
Perimeter Center TIF	0	0	0	0	0	0	0	0	0	0	0	0	0		0
Ruscilli TIF	0	0	0	0	0	0	0	0	0	0	0	0	0		0
Perimeter Loop(5)	786,200	37,000	749,200	35,000	714,200	32,000	682,200	32,000	650,200	32,000	618,200	32,000	586,200	32,000	554,200
COIC Improvements	0	0	0	0	0	0	0	0	0	0	0	0	0		0
Lifetime Fitness TIF(6)	1,200,000	0	1,200,000	0	1,200,000	0	1,200,000	0	1,425,000	150,000	1,275,000	150,000	1,125,000	150,000	975,000
Kroger Centre TIF(7)	0	0	0	0	0	0	0	0	0	0	0	0	0		0
Ireland Place TIF	423,937	8,500	415,437	3,500	411,937	3,500	408,437	3,500	404,937	3,500	401,437	3,500	397,937	3,500	394,437
River Ridge TIF(8)	593,000	0	593,000	0	3,093,000	0	3,093,000	0	3,093,000	0	3,093,000	60,000	3,033,000	60,000	2,973,000
Shamrock Crossing TIF(9)	1,262,900	0	1,262,900	0	1,262,900	0	1,312,900	0	1,312,900	60,000	1,252,900	60,000	1,192,900	60,000	1,132,900
Bridge and High TIF	3,997,150	0	3,997,150	0	3,997,150	0	3,997,150	0	3,997,150	50,000	3,947,150	50,000	3,897,150	50,000	3,847,150
Dublin Methodist Hospital TIF(10)	776,350	200,000	576,350	100,000	476,350	100,000	376,350	100,000	276,350	100,000	176,350	100,000	76,350	76,350	0
Frantz/Dublin Road TIF	228,560	0	228,560	0	228,560	0	2,878,560	0	2,878,560	0	2,878,560	0	2,878,560		2,878,560
Upper Metro Place	0	0	0	0	0	0	0	0	0	0	0	0	0		0
Pizzuit TIF							900,000	0	900,000	250,000	650,000	250,000	400,000	250,000	150,000
Total	$24,185,575	$245,500	$25,539,575	$678,500	$28,261,075	$905,500	$31,455,575	$1,655,500	$32,025,075	$2,330,500	$29,694,575	$2,125,500	$27,569,075	$2,092,190	$25,476,885

2013 - 2017
FIVE-YEAR CAPITAL IMPROVEMENTS PROGRAM
WATER FUND
STATEMENT OF PROJECTED REVENUE, EXPENSES, AND FUND BALANCE

	2011	2012	2013	2014	2015	2016	2017
Revenues:							
User charges	$ 811,314	$ 705,009	$ 658,627	$ 661,894	$ 665,161	$ 668,428	$ 671,695
Tap fees	296,512	200,000	142,500	142,500	142,500	142,500	190,000
Interest	214,207	125,000	158,278	155,446	145,211	146,747	143,025
Fire hydrant permits/Other	4,110	1,000	1,000	1,000	1,000	1,000	1,000
Subsidy for debt service	29,547	-	-	-	-	-	-
	1,355,690	1,031,009	960,405	960,840	953,873	958,675	1,005,720
Expenses:							
Salaries/wages	112,721	118,570	120,941	125,779	130,810	136,043	141,484
Benefits/uniforms	46,164	49,210	51,178	53,226	55,355	57,569	59,871
Utilities	149,266	176,620	183,685	191,032	198,673	206,620	214,885
Equipment maintenance	-	500	530	562	596	631	669
Contract services	112,473	168,339	75,000	75,000	50,000	50,000	50,000
Hydrant maintenance	19,482	37,200	38,688	40,236	41,845	43,519	45,259
Other	3,400	-	15,000	15,000	15,000	15,000	15,000
	443,507	550,439	485,023	500,834	492,279	509,382	527,170
Capital expenditures	1,661,201	1,386,770	315,000	795,000	370,000	730,000	-
Debt service:							
Existing							
1994 issue	358,400	355,480	356,600	356,440	-	-	-
2009 issue(net)	169,320	138,173	141,573	139,873	138,215	141,420	139,168
2012 issue [1]	-	20,833	201,000	201,000	201,000	201,000	201,000
	527,720	514,486	699,173	697,313	339,215	342,420	340,168
Net cash (required) provided	(1,276,737)	(1,420,686)	(538,790)	(1,032,307)	(247,621)	(623,126)	138,383
Advances-out	-	-	-	-	-	-	-
Advances-in	-	-	350,000	350,000	350,000	375,000	375,000
Transfer-out	-	-	-	-	-		
Beginning balance	13,249,284	11,972,547	10,551,861	10,363,070	9,680,763	9,783,142	9,535,016
Ending balance	$ 11,972,547	$ 10,551,861	$ 10,363,070	$ 9,680,763	$ 9,783,142	$ 9,535,016	$ 10,048,399

[1] Reflects interest payment only for 2012 Bond Issue ($2.5 million)

2013 - 2017
FIVE-YEAR CAPITAL IMPROVEMENTS PROGRAM
SEWER FUND
STATEMENT OF PROJECTED REVENUE, EXPENSES, AND FUND BALANCE

	2011	2012	2013	2014	2015	2016	2017
Revenues:							
User charges	$ 1,818,350	$ 1,636,500	$ 1,686,736	$ 1,777,288	$ 1,868,830	$ 1,961,362	$ 2,054,884
Tap fees	281,267	157,500	165,000	165,000	165,000	165,000	220,000
Interest	123,710	65,000	99,159	73,377	57,523	39,891	45,698
Other	32,531	-	-	-	-	-	-
Income tax subsidy	-	-	-	-	-	-	-
	2,255,858	1,859,000	1,950,895	2,015,664	2,091,352	2,166,252	2,320,582
Expenses:							
Salaries/wages	517,403	586,940	598,679	622,626	647,531	673,432	700,370
Benefits/uniforms	254,577	256,870	267,145	277,831	288,944	300,502	312,522
Utilities	655	900	954	1,011	1,072	1,136	1,204
Contract services	147,401	214,128	50,000	50,000	50,000	50,000	50,000
Repairs/maintenance	156,645	251,605	150,000	150,000	150,000	150,000	150,000
Other	2,000	-	15,000	15,000	15,000	15,000	15,000
	1,078,681	1,310,443	1,081,778	1,116,468	1,152,547	1,190,070	1,229,096
Capital expenditures (cash funded only)	626,723	567,990	835,000	200,000	200,000	200,000	200,000
Debt service:							
Existing-prior to 1992	-	-	-	-	-	-	-
USWBI	1,350,721	1,350,721	1,350,721	1,350,721	1,350,721	1,350,721	1,350,721
2009 issue	188,345	154,015	152,215	155,415	153,562	151,555	154,178
2012 issue [1]	-	32,000	250,000	250,000	250,000	250,000	250,000
2015 issue	-	-	-	-	160,000	160,000	160,000
	1,539,066	1,536,736	1,752,936	1,756,136	1,914,283	1,912,276	1,914,899
Net cash (required) provided	(988,612)	(1,556,169)	(1,718,819)	(1,056,939)	(1,175,477)	(1,136,093)	(1,023,412)
Advances-out	(118,700)	-	-	-	-	-	-
Advances-in	30,425	1,604,400	-	-	-	-	-
Beginning balance	7,639,264	6,562,377	6,610,608	4,891,790	3,834,851	2,659,374	1,523,280
Ending balance	$ 6,562,377	$ 6,610,608	$ 4,891,790	$ 3,834,851	$ 2,659,374	$ 1,523,280	$ 499,868

[1] Reflects interest payment only for 2012 Bond Issue ($2.54 million)

2013-2017 Capital Improvements Program
Intergovernmental Revenue

State Grants/Funding

Description		2013	2014	2015	2016	2017
Grants-						
629 Roadway grant Emerald Phase 8	(Fund 441)	$ 900,000	$ -	$ -	$ -	$ -
Total grants		900,000	-	-	-	-
State Capital Budget-						
Railroad quiet zone project		470,000	-	-	-	-
Total State Capital request		470,000	-	-	-	-
Total State grants/funding		$ 1,370,000	$ -	$ -	$ -	$ -

Other Government Funding

Description	2013	2014	2015	2016	2017
Franklin County-					
Permissive tax funding	$ 760,000	$ -	$ -	$ -	$ -
Total Other government funding	$ 760,000	$ -	$ -	$ -	$ -
Total Intergovernmental funding	$ 2,130,000	$ -	$ -	$ -	$ -

2013-2017 Capital Improvements Program
Permissive Tax Revenue

$5 Permissive Tax Fund Held By Franklin County

Description	2010	2011	2012	2013	2014	2015	2016	2017
Beginning Balance	$ 768,227	$ 918,035	$ 1,066,187	$ 144,812	$ 34,812	$ 174,812	$ 314,812	$ 454,812
Estimated (Actual) Revenue	149,808	148,152	140,000	140,000	140,000	140,000	140,000	140,001
Total Resources	918,035	1,066,187	1,206,187	284,812	174,812	314,812	454,812	594,813
Estimated Expenditures(1)	-	-	1,061,375	250,000	-	-	-	-
Ending Balance	$ 918,035	$ 1,066,187	$ 144,812	$ 34,812	$ 174,812	$ 314,812	$ 454,812	$ 594,813

(1) 2012 Funding: Cosgray/Shier Rings intersection project (partial)
2013 Funding: Avery-Muirfield/Tulleymore/Valley Stream/Avery Road intersection project (partial)

Permissive Tax Fund (Fund 216) Held By Dublin

Description	2010	2011	2012	2013	2014	2015	2016	2017
Beginning Balance	$1,400,121	$1,358,210	$1,305,949	$843,149	$276,149	$219,149	$164,149	$274,150
Estimated Revenue(1)	125,089	114,738	110,000	110,000	110,000	110,000	110,001	110,002
Total Resources	1,525,210	1,472,949	1,415,949	953,149	386,149	329,149	274,150	384,152
Estimated Expenditures(2)	167,000	167,000	572,800	677,000	167,000	165,000	0	0
Ending Balance	$1,358,210	$1,305,949	$843,149	$276,149	$219,149	$164,149	$274,150	$384,152

(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).
2012 Funding: $405,800 ($96,800 design/$309,000 construction) Hirth/Wolpert Culvert
2013 Funding: $450,000 for the Avery-Muirfield/Tulleymore/Valley Stream/Avery Rd intersection project;
$60,000 for Dublin Rd./Glick Rd. Intersection

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

County Permissive Applicable Projects		Source
Cosgray/Shier Rings (2012)	$ 1,061,375	County held funds
Hirth/Wolpert Culvert (2012)	$ 405,800	City held funds
Avery-Muirfield/Tulleymore (2013)	$ 700,000	$250,000 County held funds; $450,000 City held funds
Dublin/Glick Intersection	$ 60,000	City held funds
	$ 2,167,175	

Possible Future Projects
Avery Widening - Avery/Rings Intersection
Dublin/Glick Intersection
Cosgray Intersections
Cosgray/SR 161

CITY OF DUBLIN
CAPITAL IMPROVEMENT PROJECTS
2013-2017

PROJECT NO.	PROJECT DESCRIPTION	PRIOR YEARS ($000)	2012	2013	2014	2015	2016	2017	TOTAL 13-17	BEYOND 2017	TOTAL TO BE BUDGETED
	ADMINISTRATION / NONMAJOR PROJECTS										
AL1301	Land acquisition	0	0	0	0	0	0	0	0	0	0
AU1301	Utility service improvements	0	0	0	400	400	400	400	1,600	0	1,600
AB1301	Building maintenance/renovations	0	1,020	945	305	175	90	50	1,565	0	1,565
AB0802	Technology improvements	700	130	115	115	115	0	0	345	3,000	3,345
AB1302	Annual public art maintenance	0	80	15	10	45	10	0	80	50	130
AA1301	Contingencies	0	225	225	225	225	225	225	1,125	0	1,125
8/8/2012	**TOTAL**	**700**	**1,455**	**1,300**	**1,055**	**960**	**725**	**675**	**4,715**	**3,050**	**7,765**
	ADMINISTRATION / MAJOR PROJECTS										
AL1302	Parkland acquisition	0	2,130	650	650	650	650	650	3,250	0	3,250
AI1301	Computer hardware/software	0	990	1,130	1,145	1,065	905	910	5,155	0	5,155
AB0601	Municipal facilities	1,405	150	735	1,040	200	400	0	2,375	0	2,375
AV1301	Fleet management program-replacements	0	1,080	210	580	1,580	1,350	1,390	5,110	0	5,110
AV1303	Fleet management program-equipment	0	500	270	405	220	250	105	1,250	0	1,250
AB0602	Historic Dublin	5,202	250	525	0	0	0	0	525	0	525
AB1301	Bridge Street Corridor	0	250	750	750	750	750	750	3,750	0	3,750
8/8/2012	**TOTAL**	**6,607**	**5,350**	**4,270**	**4,570**	**4,465**	**4,305**	**3,805**	**21,415**	**0**	**21,415**

Project increased
Project decreased
New project

CITY OF DUBLIN
CAPITAL IMPROVEMENT PROJECTS
2012-2016

PROJECT NO.	PROJECT DESCRIPTION	PRIOR YEARS ($000)	2011	2012	2013	2014	2015	2016	TOTAL 12-16	BEYOND 2016	TOTAL TO BE BUDGETED
	ADMINISTRATION / NONMAJOR PROJECTS										
AL1201	Land acquisition	0	0	0	0	0	0	0	0	0	0
AU1201	Utility service improvements	0	510	0	400	400	400	400	1,600	0	1,600
AB1201	Building maintenance/renovations	0	930	1,020	865	875	305	280	3,345	230	3,575
AB0802	Technology improvements	507	280	130	0	0	0	0	130	0	130
New	Annual public art maintenance	0	0	80	15	10	45	10	160	50	210
AA1201	Contingencies	0	225	225	225	225	225	225	1,125	0	1,125
8/1/2011	**TOTAL**	**507**	**1,945**	**1,455**	**1,505**	**1,510**	**975**	**915**	**6,360**	**280**	**6,640**
	ADMINISTRATION / MAJOR PROJECTS										
AL1202	Parkland acquisition	0	650	650	650	650	650	650	3,250	0	3,250
AI1201	Computer hardware/software	0	900	990	1,135	930	905	915	4,875	0	4,875
AB0601	Municipal facilities	1,112	115	150	0	0	0	0	150	1,260	1,410
AV1201	Fleet management program-replacements	0	1,585	1,080	1,265	1,525	1,305	1,015	6,190	470	6,660
AV1203	Fleet management program-equipment	0	295	500	135	490	135	320	1,580	0	1,580
AB0602	Historic Dublin	4,168	250	250	525	0	0		775	0	775
AB1301	Bridge Street Corridor	0	0	250	250	250	250	250	1,250	0	1,250
8/1/2011	**TOTAL**	**5,280**	**3,795**	**3,870**	**3,960**	**3,845**	**3,245**	**3,150**	**18,070**	**1,730**	**19,800**

City of Dublin

City of Dublin

2013 – 2017 Capital Improvements Program

Administration – Non-Major Projects

AL1301 **Land acquisition** – The funding ($500,000 per year) that had been allocated in the past for general land acquisition has been used for the land that was acquired near the US 33/SR161/Post Road interchange for economic development purposes. The property was acquired using various funding sources including an advance from the General Fund in the amount of $2.5 million. The advance has been repaid.

No funding has been programmed for general land acquisition during the five year programming period.

AU1301 **Utility service improvements** – The City has been allocating $400,000 annually for utility service improvements. The funding normally allocated in 2013 has been moved to Parks to cover the cost of additional utility burial associated with the Coffman Park expansion.

Allocations for utility service improvements of $400,000 programmed for 2014 through 2017 have not been prioritized.

AB1301 **Building maintenance/renovations** – This request provides allocations for necessary maintenance to City buildings. The amount requested for **2013** is broken down as follows:

Location	Description	Amount
Dublin Arts Council	Window/door replacements	$23,000
	Improve air conditioning in gallery	16,500
	Painting and wall repair	10,000
Municipal Building	Break room renovation	55,000
	Lobby desk	15,500
5620 Post Road barn	Roof replacement and other repairs	14,000
5800 Building	Replace window treatments in second floor lobby	5,000
Fleet Maintenance	Replace gutters and downspouts	20,000
	Renovate fleet locker rooms	50,000

City of Dublin

City of Dublin

2013 – 2017 Capital Improvements Program

Justice Center	Paint metal roof	95,000
	Replace chairs in court room	21,520
Earlington barn	Structural repairs	150,000
Other barns	Various repairs	15,000
Parks restrooms	Hand dryers and waterless urinals	5,000
Recreation Center (DCRC)	Replace/consolidate electrical transformers	10,000
	Front entrance redesign	50,000
	Skylight repairs	6,500
	Dumpster enclosure	40,000
	Space needs analysis	20,000
DCRC continued	Replace boiler	40,000
	Geothermal study	15,000
	Replace main entrance doors	20,000
	Replace lobby furniture	25,000
	Senior lounge updates	20,000
	Audio/Visual upgrades in Tallas	86,000
All locations	Small in-house renovations	15,000
	Carpet replacement	50,000
	HVAC and pump replacements	25,000
	New facility access security system and cameras	25,000
Rounding		1,980
Total		**$945,000**

AB0802 **Technology improvements** – $130,000 has been programmed in 2012 and will complete the project outlined in Ordinance 20-08 approved by Council to partner with DHB to acquire assets, engineer, deploy, maintain and operate a Wi-Fi system for the balance of the City not currently covered (Phase II deployment). In 2010, High Speed Air, Inc. (HSA) acquired all of the Dublin assets of DHB and will complete the remaining obligations to the City.

Funds have been programmed in 2013, 2014 and 2015 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.

Funding beyond 2017 provides for the replacement of existing fiber.

City of Dublin

City of Dublin

2013 – 2017 Capital Improvements Program

Administration – Non-Major Projects

AB1302 **Annual public art maintenance** – Funding is programmed for the performance of on-going maintenance and restoration of public art work owned by the City. Like all other infrastructure, this artwork is in need of routine maintenance, occasional repairs, and full restoration in some cases to prolong the life of the artwork. This project will be funded from the Hotel/Motel Tax Fund.

AA1201 **Contingencies** - This is an allocation that is utilized 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.

City of Dublin

2013 - 2017 Capital Improvements Program

Administration – Major Projects

Parkland Acquisition (Project #AL1302)

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 2012 – 2016 CIP, Council approved the current allocation through 2016.

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:

	2013	2014	2015	2016	2017
Estimated revenue	$650,000	$650,000	$650,000	$650,000	$650,000
Less:					
Payment to Metro Parks	(385,000)	(385,000)	(385,000)	(385,000)	(385,000)
Debt service	(225,243)	(242,632)	(233,445)	(236,700)	(238,820)
Estimated balance available	$39,757	$22,368	$31,555	$28,300	$26,180

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.

City of Dublin

2013 – 2017 Capital Improvements Program

Administration – Major Projects

Computer hardware and software (Project #AI1301)

The annual requests reflect the Five-Year Technology Strategic Plan that has been developed by the Director of Information Technology. Detail justifications are included for 2013.

August 8, 2012

Information Technology 5 Year Budget Plan
-2013-2017 Proposed -

CITY OF DUBLIN.

Dept / Div	2013		2014	
Citywide	Cityworks work orders - Web upgrade	$25,000	Citywide WiFi enhanced utilization	$25,000
	Citizen Web Request System enhancement	$35,000	Interactive voice response (IVR) enhancem	$10,000
	Citywide WiFi/Broadband enhanced utilization	$25,000	Network management/security upgrade	$25,000
	PCs upgrade operating system/office suite	$90,000	PCs upgrade operating system/office suite	$90,000
	Server and storage upgrades	$50,000	Additional PC operating system/office suite	$7,500
	GIS enhancement / data warehousing	$25,000	GIS enhancement / data warehousing	$25,000
	Network management / security upgrade	$25,000	Customer Relationship (CRM) enhancemen	$10,000
	Enhance Document Imaging	$10,000	Enhance Document Imaging	$10,000
	Data center backup access to DataCenter.bz	$15,000	Additional Phone Equipment	$5,000
	Upgrade virtual server environment	$25,000	Enhancements to HTE/Windows environme	$25,000
	E-Mail Application Analysis	$25,000	Cloud computing	$25,000
	Interactive voice response (IVR) enhancemen	$10,000	PC replacement	$80,000
	Network connection-water towers/maint bldg	$35,000	Server and storage replacement/upgrades	$35,000
	Mobile devices-Smartphone applications	$35,000	Smartphone applications enhancement	$10,000
	PC replacement	$75,000	PCs - new positions	$5,000
	Security cameras	$20,000	Security cameras	$5,000
	Security camera retention storage to 30 days	$25,000		
	Printers - 3 devices have leases that expire	$60,000	Printers	$20,000
	Monitors, cabling, additional phone equipment	$15,000	Monitors (20)	$5,000
	Uninterrupted Power Supplies@bldg netwrk cl	$25,000	Cabling	$5,000
	Misc. hardware/software	$25,000	Misc. hardware/software	$25,000
Admin Services	City Hall renovation of network room ($30k)	(Facilities)		
Legislat. Affairs				
Volunteer Services			Enhancement to Volunteer systems	$10,000
Events	Events technology enhancements	$35,000	Events technology enhancements	$10,000
Economic Dev	Contacts Management application	$25,000	GIS economic development application	$10,000
Facilities	Handheld mobile devices- Facilities (2)	$8,500	Work order enhancements	$10,000
	Vehicle GPS utilization (7)	$5,600	Handheld mobile devices for Facilities	$5,000
Court Services	Digital recording system for Court ($5,000)	(Court Fund)	Additional applications	(Court Fund)
	Interactive voice response (IVR) ($20,000)	(Court Fund)		
Community Rel	Enhance Internet/Intranet/Community Rel	$15,000	Enhance Internet/Intranet/Community Rel	$15,000
LU & LRP	Electronic Plan Review enhancements	$10,000	Aerial photography/layers for GIS	$50,000
	Code Enforcement mobile devices (3)	$4,500	Mobile computers (Code Enf-5)	$25,000
	Paperless Boards & Commissions	$20,000		
Finance	Time & Attendance enhancement	$15,000	Enhancements to Income Tax systems	$10,000
Human Res			Photo ID enhancements	$5,000
IT	Asset Data Collection	$35,000		
Police	Mobile computers upgrade (10)	$50,000	Upgrade Police to Sungard ONESolution	$250,000
	High Resolution displays for cruisers(10)	$20,000	Mobile computers upgrade (10)	$50,000
	Cruiser mounts/console equipment	$15,000	Upgrade to message broadcasting system	$35,000
	Cruiser WiFi/AVL enhancements	$15,000	Cruiser mounts/console equipment	$20,000
	Mobile in car video upgrade	$20,000	Mobile System Replacement	$50,000
	Regional Dispatching Inter-agency connectivit	$30,000	Regional Dispatching Records Interfacing	$30,000
S&U	Mobile computers for work orders (7)	$35,000	Work Order system enhancement	$10,000
	Enhance sewer inspection technology	$30,000	Mobile computers (5)	$25,000
	Asset Mgmt / Data Collection	$15,000	Asset Mgmt / Data Collection	$10,000
	Enhance Vehicle GPS Mgmt application	$10,000	Enhance sewer inspection technology	$20,000
	Enhance Vehicle GPS utilization (6)	$4,800		
Fleet	Fleet / Fuel system enhancement	$10,000		
Engineering	CAD / ArcView upgrade/enhancement	$10,000	Work Order system enhancement	$10,000
	Mobile GPS devices - work orders(Electric 2)	$10,000	Pavement Management enhancements	$25,000
	Electronic Plan Review enhancements	$10,000	LiDAR Data Acquisition (Elevation Data)	$25,000
	Traffic Signal Communication	$15,000		
	Inspector mobile devices (5)	$7,500		
Bldg Stds	Inspectors mobile computers (7)	$35,000	Electronic Plan Review enhancements	$25,000
	Review Services/BldgStds counter enhancem	$25,000	Review Services technology enhancements	$10,000
Parks & Open Spaces	Asset Mgmt / Data Collection	$10,000	Work Order/Cemetery system enhancemen	$10,000
	Mobile computers for work orders(7)	$28,000	Asset Mgmt / Data Collection	$10,000
	Aerial photography/layers for GIS	$50,000	Mobile devices for work orders(7)	$35,000
Recreation Svcs	Customer Service enhancements	$15,000	Customer Service enhancements	$25,000
	Outdoor pools technology enhancement	$10,000		
		$1,328,900		$1,272,500
	Reduction	(199,335)	Reduction	(127,250)
		1,129,565		1,145,250
	Budget Amount	1,130,000		1,145,000

August 8, 2012

Information Technology 5 Year Budget Plan
-2013-2017 Proposed -

CITY OF DUBLIN.

Dept / Div	2015		2016		2017	
Citywide	Citywide WiFi enhanced utilization	$25,000	Citywide WiFi enhanced utilization	$25,000	Enhancements to ONESolution application	$25,000
			Interactive voice response (IVR) enhancem	$10,000	Enhancements to time&attendance	$25,000
	Network management/security upgrade	$25,000	Network management/security upgrade	$25,000	Enhance WiFi / wireless systems	$50,000
	PCs upgrade operating system/office suite	$95,000	PCs upgrade operating system/office suite	$95,000	PCs upgrade operating system/office suite	$85,000
	Additional PC operating system/office suite	$7,500	Additional PC operating system/office suite	$7,500	Server and storage upgrades	$35,000
	GIS enhancement / data warehousing	$25,000	GIS enhancement / data warehousing	$25,000	GIS enhancement / data warehousing	$25,000
	Server and storage replacement/upgrades	$35,000	Network management / security upgrade	$20,000	Network management / security upgrade	$20,000
	Enhance Document Imaging	$10,000	Enhance Document Imaging	$15,000	Network storage upgrades	$50,000
	Additional Phone Equipment	$5,000	Network storage upgrades	$50,000		
	Enhancements to ONESolution environmei	$25,000	Additional Phone Equipment	$10,000	Additional Phone Equipment	$10,000
	Cloud Computing	$25,000	Cloud Computing	$25,000	Cloud Computing	$25,000
	PC replacement	$85,000	PC replacement	$85,000	PC replacement	$85,000
			Server replacements / upgrades	$25,000		
	Smartphone applications enhancement	$10,000	Smartphone applications enhancement	$20,000	Smartphone applications enhancement	$25,000
	PCs - new positions	$5,000	PCs - new positions	$5,000	PCs - new positions	$5,000
			Security cameras	$5,000	Security cameras	$5,000
	Printers	$25,000	Printers	$15,000	Printers	$25,000
	Monitors (20)	$5,000	Monitors (20)	$5,000	Monitors (20)	$5,000
	Cabling	$5,000	Cabling	$5,000	Cabling	$10,000
	Misc. hardware/software	$25,000	Misc. hardware/software	$20,000	Misc. hardware/software	$20,000
Admin Services						
Legislat. Affairs			Replace laptops for Council members (7)	$8,000		
Volunteer Servic			Enhancements to Volunteer systems	$10,000		
Events	DIF technology enhancements	$7,500	DIF technology enhancements	$15,000	DIF technology enhancements	$15,000
Economic Dev						
Facilities	Security camera enhancements	$5,000	Work order enhancements	$15,000	Security camera enhancements	$15,000
			Handheld mobile devices for Facilities	$5,000		
Court Services	Records Mgmt enhancement	$10,000	PCs/laptops for Court staff ($6,000)	(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
LU & LRP	Aerial photography/layers for GIS	$40,000	Aerial photography/layers for GIS	$50,000	Aerial photography/layers for GIS	$40,000
	Mobile computers (Code Enf-5)	$25,000				
Finance			Enhancements to Income Tax systems	$15,000		
Human Res	HR management system enhancements	$10,000	Photo ID enhancements	$5,000	Photo ID enhancements	$5,000
IT	Plotter (GIS)	$15,000				
Police	Upgrade Police to Sungard ONESolution	$250,000	Enhance cruiser digital camera system(5)	$35,000	Enhancements to Sungard ONESolution	$50,000
	Mobile computers upgrade (10)	$50,000	Mobile computers upgrade (10)	$50,000	Mobile computers upgrade (10)	$50,000
	High Resolution displays for cruisers(10)	$20,000	High Resolution displays for cruisers(10)	$20,000	Cruiser mounts/console equipment	$15,000
	Cruiser mounts/console equipment	$20,000	Cruiser mounts/console equipment	$15,000	Cruiser WiFi/AVL enhancements	$15,000
	Mapping/GPS/Crime Analysis	$25,000	Communication center upgrades	$30,000	Mapping/GPS/Crime Analysis	$25,000
S&U	Enhanced mobile device / GPS utilization	$10,000	Work Order system enhancement	$15,000	Enhance sewer inspection technology	$50,000
	Mobile computers (5)	$25,000	Mobile devices for work orders (4)	$17,000	Service Complex Info Screen	$5,000
	Asset Mgmt / Data Collection	$10,000	Asset Mgmt / Data Collection	$10,000		
Fleet	Fleet / Fuel system enhancement	$20,000			Fleet / Fuel system enhancement	$25,000
Engineering	Work Order system enhancement	$10,000	Additional applications/enhancements	$25,000	Work Order system enhancement	$10,000
	Inspectors mobile computers (8)	$40,000	Pavement Management enhancements	$50,000	Plotter	$25,000
	CAD / ArcView upgrade/enhancement	$10,000			CAD / ArcView upgrade/enhancement	$10,000
Bldg Stds	Inspectors mobile computers (7)	$35,000	Review Services/Bldg counter tech enhanc	$25,000	Review Services/BldgStds counter enhanc	$25,000
	Review Services technology enhancement:	$10,000	Web application enhancements	$25,000	Electronic Plan Review enhancements	$25,000
Parks & Open Spaces	Work Order/Cemetery system enhancemei	$10,000	Asset Mgmt / Data Collection	$10,000	Asset Mgmt / Data Collection	$10,000
	Asset Mgmt / Data Collection	$10,000				
	Mobile devices for work orders(7)	$35,000				
Recreation Svcs	Customer Service enhancements	$25,000	Customer Service/Registration enhanceme	$25,000	Customer Service enhancements	$25,000
			Outdoor pools technology enhancement	$10,000	Photo ID enhancements	$5,000
		$1,180,000		**$1,002,500**		**$1,010,000**
		(118,000)		(100,250)		(101,000)
		1,062,000		902,250		909,000
		1,065,000		**905,000**		**910,000**

City of Dublin
INFORMATION TECHNOLOGY

CIP Techology Report for 2013

August 8, 2012

This CIP technology report gives a brief narrative of the many citywide technology projects for 2013. These projects are in line with Council, citywide and divisional goals and objectives.

- **Work Order system – Web Upgrade $25,000**
  A new citywide work order /asset management system (CityWorks) was implemented in 2008 in Streets & Utilities, Parks, Facilities and Engineering (Electric and Sign Shop) and is planned for use in other appropriate city work units. The upgrade to the Cityworks work order Web System will enable:
  - Growth – By increasing to any number of users with no additional work or cost
  - A mobile workforce is enabled without cost and implementation of supporting systems. The processing of work orders out in the field is desired by the divisions using this system as this will increase staff productivity, efficiency and work order accuracy.
  - Productivity will improve as Crew Supervisors will spend less time in the office and have more direct contact and management of their staff.
  - The expansion of CityWorks into a more customer service based system to centrally process citizen requests: See Citizen Service Request System above:

- **Citizen Web Request System enhancement $35,000**
  A Request system (or Citizen Request Management (CRM) system) was acquired as an integrated component of our Cityworks work order system. A Web interface will be implemented in 2012 for citizen interaction that is also linked directly to our work order entry. Further enhancements to accommodate this system are anticipated including smart phone access and the possible expansion to various call takers throughout the city. This application provides responding to requests in a consistent manner, and the tracking citizen calls, work requests, complaints or compliments.
  Benefits:
  - Frontline call takers, who assist our residents on a daily basis, will have better resources at their fingertips for answering questions, routing calls, and handling requests in a consistent manner.
  - The Web based Self Service functionality will allow citizens to post chipper requests, missed trash complaints, etc. on line thereby providing a more modern approach to customer service, minimizing call volumes, and streamlining services. Citizens can be automatically notified of the progress of their request.
  - This will give us the ability to track requests, response times and ensure that requests are being addressed.
  - Staff time saved from manual work order entry enabling time for other necessary tasks
  - Performance measurement is available with request tracking

- **Citywide WiFi / Broadband enhanced utilization $25,000**
  Expanding the use of our citywide WiFi / 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 will allow us to add network connectivity to the north pool; additional video functionality at the skate park; allow us to install incident cameras along US33; provide a means to deploy cameras in areas that see spikes in criminal activity; additional traffic control communication; camera deployment for intersection observation; Police cruiser enhancements to upload video and to access to any WiFi camera; City buildings security access via the Web; and coordinate fiber uses with Dublin Schools for camera access and/or building security access systems. Significant savings would be realized by utilizing our WiFi network versus installing expensive fiber connectivity. These funds will ensure we can purchase the technology needed to get the most out of our capital investment in the network.

CIP Techology Report for 2013

August 8, 2012

- **PC operating system/office suite $90,000**
  The Microsoft operating system, Office Suite (Word, Excel, Access, PowerPoint), Project, Photoshop and other Microsoft applications need to be continually licensed for all of the city's personal computers.

- **Server and storage upgrades $50,000**
  - 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.

- **GIS enhancement / data warehousing $25,000**
  GIS (Geographic Information Systems) is a technology that links valuable data to digital maps. In a government environment where almost everything is connected to a physical land location, GIS becomes important as an analysis, inquiry and reporting tool. The growth in GIS utilization has been dramatically realized over the last few years and with the dynamic development of the City of Dublin we anticipate a great deal of future growth. The proper use of GIS produces better planning, improved decision-making and increased staff efficiency that results in quicker and enhanced City services.

  This budget item is to allow 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 and routing (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.

- **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. Scanners and additional licensing is anticipated.
  Need: Significant document imaging growth is planned for the upcoming year as various divisions see the need for new imaging needs and also to continually update the scanning of documents from previous years.
  Benefits: The scanned documents will be accessed by Dublin staff throughout our network. The time spent performing manual searches for documents answering customer questions, and filling document requests will be greatly reduced. Automated workflow processes can be created for further efficiencies.

- **Data center backup access to DataCenter.bz $15,000**
  A contiguency backup for our data center to DataCenter.bz in Worthington requires network connectivity equipment.

- **Upgrade the virtual server environment $25,000**
  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.

CIP Techology Report for 2013

August 8, 2012

- **Email application replacement $50,000**
  An analysis and testing of replacing our e-mail messaging application and collaboration application to a hosted or cloud computing solution will be examined in 2012 with implementation planned for 2013. Cloud computing would process all applications and store information in an external Web environment. A hosted solution would enable more control of functionality.

- **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 is not intended to remove any staff interaction with their customers, but to allow customers another avenue to transact business with the city. As this system is available on a 24/7 basis, this could be especially useful during staff non-working hours. This system will be implemented for building inspection requests in 2012. Other areas of potential users of this system in 2013 are for processing and general information access in Planning, Police, Income tax, and general information about the City or an event, etc. Moving this environment to a virtual server is also planned.

- **Network connection-water towers/maintenance bldg $35,000**
  Presently our water towers at Darree Fields and at Avery, and the Emerald maintenance building are not connected to our citywide network. For present processing and to meet future needs enabling network connectivity at these areas are thought to be worthwhile.

- **Mobile devices / applications $25,000**
  The use of Smartphone 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 will be pursued in 2013. IT will work with the Community Relations web design staff to develop these applications.

- **PC Replacement $75,000**
  Our PC rotation plan is to replace our staff PC equipment when it is 4 to 5 years old.

- **Security cameras $20,000**
  Enhancing our security cameras to IP networked devices will enable improved management and better resolution. This is desired at various city buildings including the DCRC.

- **Security camera retention storage $25,000**
  The recent change of our records retention from 15 days to 30 days for the security camera video will require additional storage requirements. The continual addition of new cameras further increases storage needs.

- **Contacts Management application $20,000**
  A citywide contacts management application is planned for 2013. The present application does not meet our requirements and continues to experience processing problems. This application will enable consistent and accurate contact information versus the redundant sources of contact data throughout various divisions.

- **Events technology enhancements $35,000**
  Replacement of the present solution that processes all of the Web and on-site Dublin Irish Festival sales and admission processing is planned for 2013. An enhancement to the beverage inventory management application is anticipated.

CIP Techology Report for 2013

August 8, 2012

- **Aerial photography for GIS $50,000**

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 devices $81,500**

Mobile devices for Streets & Utilities ($35,000), Parks ($28,000), Engineering ($10,000) and Facilities ($8,500) are desired for enabling remote access to the work order system. Facilities place this as a high priority while the other areas consider this a medium priority. This remote work order access is linked to the CityWorks work order system Web upgrade planned for 2013.

The mobile devices will increase the productivity of staff by allowing them to receive, read and close work orders while in the field. Currently, our staff receives their work orders in paper form. A significant number of work orders per month are created just for scheduled preventive maintenance tasks. Staff must write down the time they spent on each work order and return it to their supervisor and then the administrative staff so that the work order can be manually updated and closed.

The mobile devices will allow staff to call up their assigned work orders and enter in the pertinent information without having to keep track of the paperwork or return to the office to pick up more work orders. This will increase staff efficiency and productivity. The data itself will be used to better manage budgets and provide the information to predict future budget needs. Crew supervisors and administrators will be able to create the work order and input relative information while on job-site. This will keep the supervisors out in the field longer during the day and have them accessible to staff during the process. Additional Benefits will be increased tracking of work completed by field crews and thereby improve work order accuracy.

This technology will also provide mobile access to GIS, live weather/radar, access to GPS tracking and reports while away from office. Administrators will have capability of monitoring snow and ice operations remotely.

- **Vehicle GPS Management enhancement and increased vehicle utilization for Facilities. Code Enforcement and Streets & Utilities $10,400**

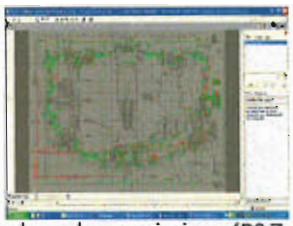
An application that records the actual routes of the service trucks via GPS communication gives us access to location-based, time sensitive information about the mobile workers and the associated assets via Internet access. Public inquiry to this data could be enabled. This system will enhance operation efficiency, maximize workforce productivity, improve vehicle management, enable actual vehicle tracking, increase accountability of valuable City assets, and allow for event analysis in real time(snowplowing, street repair, etc.). The inclusion of 6 more vehicles with GPS communication is desired by S&U ($4,800) to make this system analysis more complete. Facilities would like to include 7 vehicles ($5,600) so that they can also utilize this equipment, workforce and process management application. The management and analysis of vehicles can be processed remotely.

Most facilities are utilized by both the first and second shifts, and GPS will enable management to determine how the vehicles are used (e.g. how many trips to City Hall do we make in one day?) Analysis of the data may lead to a change in how work orders are assigned in order to reduce the overall number of vehicle trips.

City of Dublin
INFORMATION TECHNOLOGY

CIP Techology Report for 2013

August 8, 2012



- **Electronic Plan Review enhancements $20,000**
  Electronic plan review was implemented in 2012 for the plan review services environment. Plans for 2013 include incorporating this electronic plan review process into the environments of both the Planning and the Engineering divisions.

- **Paperless Boards & Commissions $20,000**
  A project is planned with LU&LRP for paperless processing for all of the various boards and commissions (P&Z, ARB, BZA, ART) using iPads.

- **Time and Attendance Enhancement $15,000**
  A new time and attendance system was implemented in 2012. Enhancements to this system are anticipated primarily with data collection for remote staff without access to time clocks.

- **Asset Management / Data Collection $25,000**
  Various city divisions are in the process of improving their asset management to enable better work order processing and use of resources. The collecting of this information and getting the global positioning for GIS mapping is all part of this process. This information is also desired by the citywide asset management effort. GPS units are used to accurately map the various assets within the City and are useful in identifying and saving infrastructure improvements that might not be readily retrievable in the future. An example is when electric lines are being buried to serve ball diamond lights. Once the ground is restored, the exact location of the lines disappear. This could cause issues in the future when subsequent improvements occur in that area.

  There are numerous areas throughout Dublin where the storm sewer system is not in GIS. S&U would like to ensure there are funds available to collect data from the field and be able to update all the appropriate data bases whether in Flexidata, CityWorks or GIS. Eventually, there will be storm water modules created to track all inspections, cleanings and repairs made to the storm water system similar to that in the sanitary sewer program.

  The use of specialized aerial flying devices will also be explored to do specific aerial photography. Possible uses include event analysis, event marketing, parking studies, site analysis, traffic viewing, Police search events, improve bldg view at different angles, etc.
  Benefits:
  More reliable data will be available in GIS. When supervisors receive calls for service, having the proper information available in GIS will assist city staff in reducing response time to the resident or businesses. This could also provide a measure of improved safety when work is to be done on or near volatile assets.

- **Enhance Sewer Inspection technology $30,000**
  Enhancements to the video inspection system for the water and sewer infrastructure are anticipated for 2013. This would also include two Toughbook laptop computers for sewer inspection staff.

- **Mobile devices for electronic plan review and inspection resulting $12,000**
  In 2013, remote access for both the Engineering ($7500) and Code Enforcement ($4500) inspectors is desired to view current digital plans and for inspection resulting. This will further improve the accuracy and efficiency of our review services.

- **Traffic signal communication $15,000**
  Enabling more traffic signal communication to control and monitor intersections is desired for 2013.

- **Police Division technology**

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. Getting appropriate, accurate and timely information to the officers is critical to their safety, their ability to respond to the scene, and ultimately reflects upon their service to the community. Reliable units also ensure officers remain in the field to complete reports, greatly reducing the need for officers to come to headquarters to complete tasks. The computers that are replaced are passed on to other lower use functions within the division and to other departments & divisions for use.

High Resolution displays for the cruiser $20,000

These displays are beneficial for improved visual viewing of Officer information.

Cruiser mounts/console equipment $15,000

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. Eight of these mounts are from the original MDC installation in 2001 & 2002 and have been removed and reinstalled in multiple cruisers. Repair costs are exceeding the value of these units and the manufacturer's offer of a maintenance agreement is cost prohibitive.

Cruiser WiFi/AVL enhancements $15,000

With the build out of the Wi/Fi system, this project will allow for the installation of Modem connectivity to make use of that system in the cruiser. In addition, this equipment will provide the global positioning data that will permit the real time monitoring of cruiser location for dispatching and tracking purposes.

Benefits:

- Improved dispatching
- Improved Officer safety

Mobile in car video enhancement $20,000

Enhancements are needed for the aging mobile in car video systems.

Regional Dispatching Inter-agency connectivity $30,000

Regional dispatching will require additional networking equipment (firewall, switches, etc.) in order to accomplish inter-agency connectivity.

- **Enhance Fleet / Fuel Management enhancement $10,000**

Our fuel management system was replaced in 2011and 2012 in order to accommodate gas, diesel and compressed natural gas. Application enhancements are planned for 2013.

Upgrading and enhancing our Fuel and Fleet Management systems will improve staff productivity, enable us better control pump transactions and obtain accurate vehicle mileage figures which will drive the preventative maintenance scheduling of city equipment, ability to impose 'mileage reasonability rules' at the fuel pumps ultimately to restrict users from entering in mileage outside of a predetermined range for their vehicle and provide communication to customers that their vehicle has service due. This will also give us better control of expenses, better asset management and provide detail for various stringent reporting requirements. (Billing, Fuel/Mileage Rpts, and CPM).

- **Review Services/Building Stds counter enhancements, Web enhancements $25,000**

  Enhancements to improve the processing at the Building Division counter, the Plan Review area, and associated Web applications are desired in 2013. This could include document imaging, workflow changes, dual staff monitors, use of social media and other software or computer equipment. Continued implementation of an electronic review process will improve the plan review efficiency, more timely inspections, and enhance overall customer service.

  As Building Standards continues to refine its workflow processes and as they look at the new customer service demands that 21st century technology has afforded, they need to look at technology enhancements that will help to advance their established processes to meet our ever-changing customer needs. With today's rapidly expanding information systems, a one size fits all approach, even in the mundane area of issuing building permits, cannot continue to be effective.

  To this end, Building Standards is requesting these technology enhancements as a "down-payment" for continual growth and development of the work unit. Our website needs to continue to be the information portal for customers to be able to obtain up-to-date information. Electronic permitting, plan review and information sharing need to become a reality that our customers can benefit from its implementation. Along with Building Standards the use of electronic plan review will also be explored with the LU&LRP and Engineering divisions.

- **Customer service / Registration, Outdoor pools technology enhancements $25,000**

  Continual enhancements to customer service, technology enhancements to the renovated DCRC, and changes to the Recreation Center registration system are anticipated in 2013. Improved technology is also needed for the outdoor pools so that they are functionally equivalent to the operation at the DCRC.
  Recreation Services uses the RecTrac and WebTrac applications (from Vermont Systems) to process all memberships, registrations, sales and reporting. Our Recreation Services patrons and customers expect much of the same features/functionality as is available in the private/retail sector, and regular upgrades/updates helps us keep current with customer expectations.

  Anticipated enhancements in 2013 include online ticket sales, membership renewals, and consolidation of ACH/monthly debit processing. Our application provider also offers an additional module, eRacTrac, a web-based version, which would allow staff to use the application off-site whether due to illness, emergency or increased responsiveness.

  Our point-of-sale units are also nearing their end of life. We need to replace these units with separate PC and touch screen monitors; both for the resulting cost savings and for ease of replacement should one component fail.

City of Dublin

2013 – 2017 Capital Improvements Program

Administration – Major Projects

Municipal Facilities (Project #AB0601)

Based on 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 are programmed in the Parkland Acquisition Fund.

Funds programmed in 2013 are to add additional outbuildings at the Fleet facility to protect equipment and prolong its useful life, add an underwater wash bay for maintaining vehicles and equipment and to renovate the first floor of the Service Center to accommodate the relocation of the City's Events Administration staff from their current location at 5620 Post Road.

In 2014 and 2015, funding has been programmed for the potential redesign and subsequent renovation of the 5800 Building and for the replacement of skylights in several areas of the Dublin Community Recreation Center (DCRC). Additional analysis and review of the 5800 Building will be completed before the project is initiated.

Funds have been programmed in 2014 and 2016 to replace the roof for both phases of the DCRC.

City of Dublin

2013 – 2017 Capital Improvements Program

Administration -Major Projects

Fleet Management Program – Replacements (Project #AV1301)

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 while maximizing returns to the City through disposition.

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.** A listing of the vehicles to be replaced by department is included.

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. The 2012 opening of the City's CNG fueling facility will allow the City to build on the 44 City vehicles that currently operate on CNG as well as serve as a conduit for others to utilize CNG for their commercial and private fleets.

Dept./Div.	2013	2014	2015	2016	2017
Streets/Utilities	$ 0	$35,000	$710,000	$480,000	$475,000
Development	0	140,000	140,000	140,000	35,000
Parks/Facilities	35,000	0	420,000	315,000	655,000
Police	175,000	265,000	275,000	280,000	160,000
Miscellaneous	0	140,000	35,000	135,000	65,000
Total	**$210,000**	**$580,000**	**$1,580,000**	**$1,350,000**	**$1,390,000**

City of Dublin

2013 - 2017 Capital Improvements Program

Administration -Major Projects

Fleet Management Program – Equipment (Project #AV1303)

This request includes replacements and additions.

Dept./Div.	2013	2014	2015	2016	2017
Streets/Utilities	$88,000	$60,000	$120,000	$65,000	$80,000
Engineering	--	--	--	--	--
Building Standards	--	--	--	--	--
Parks and Open Space	182,000	345,000	100,000	185,000	25,000
Police	--	--	--	--	--
Facilities	--	--	--	--	--
Administration	--	--	--	--	--
Total	$270,000	$405,000	$220,000	$250,000	$105,000

A breakdown of 2013 equipment includes:

Streets and Utilities

New:
Portable leaf vacuum
Jack hammer for skid steer
Replacements:
Zero turn mowers (3)
Leaf Vacuums (2)
Trailers (3)

Parks and Open Space

Replacements:
Toro infield groomer
Tractor
Backhoe
Dingo
Fertilizers (2)
Z sprayer
Batwing mower
Trailer

City of Dublin

2013 – 2017 Capital Improvements Program

Administration – Major Projects

Historic Dublin (Project #AB0602)

Funds have been programmed in 2012 to fund potential improvements that may be identified for the Historic District. Funds programmed in 2013 is to fund the replacement of 129 street lighting poles and foundations.

City of Dublin

2013 - 2017 Capital Improvements Program

Administration – Major Projects

Bridge Street Corridor (Project #AB1301)

A significant focus area for 2012 and beyond will continue to be the Bridge Street Corridor and to develop a sustainable, walkable, urban community for Bridge Street/State Route 161 from Interstate 270 to Sawmill Road, including the 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 each of the next five years for potential improvements in this area.

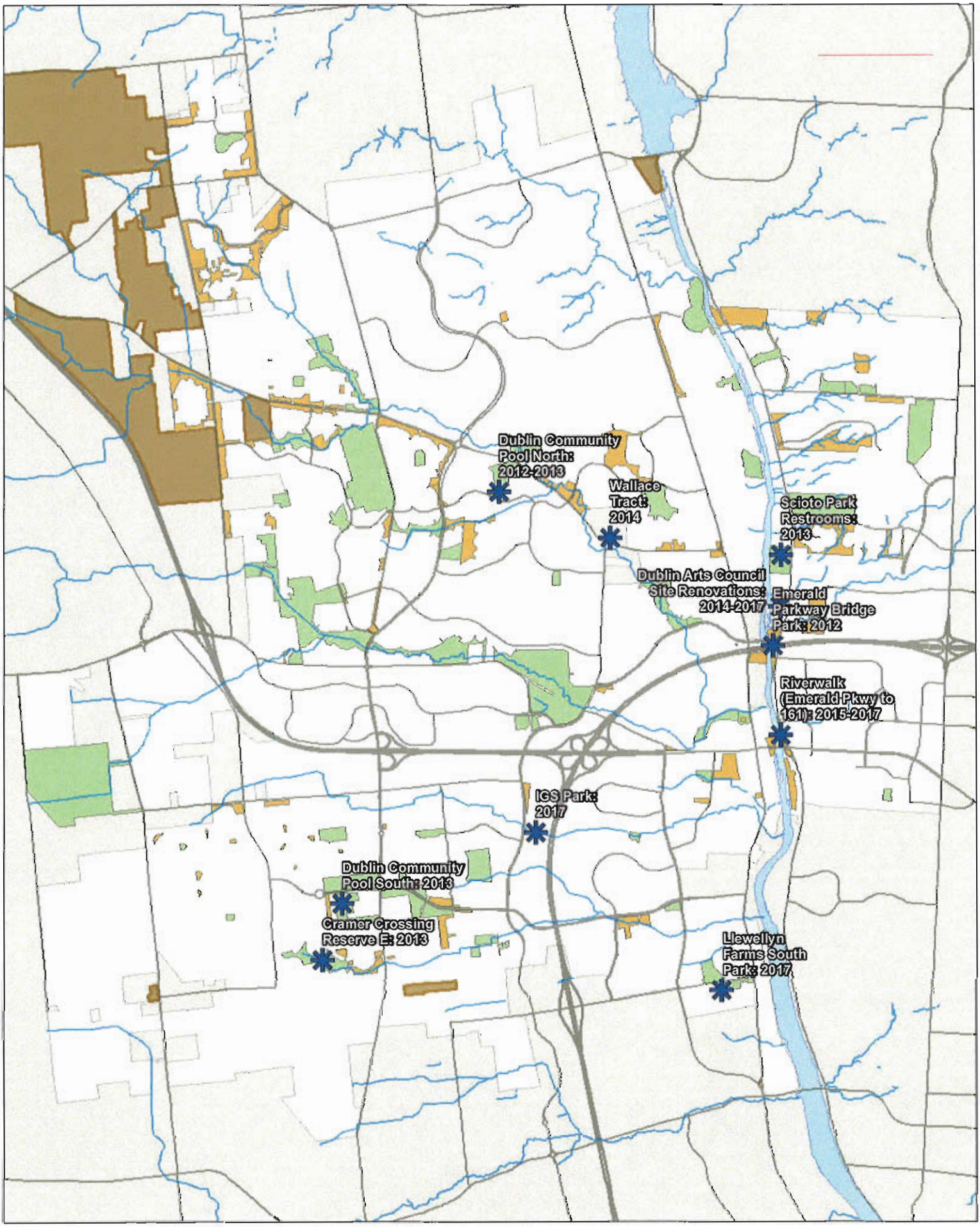
CITY OF DUBLIN
CAPITAL IMPROVEMENT PROJECTS
2013-2017

PROJECT NO.	DESCRIPTION	PRIOR YEARS ($000)	2012	2013	2014	2015	2016	2017	TOTAL 13-17	BEYOND 2017	TOTAL TO BE BUDGETED
	PARKS & RECREATION / NONMAJOR PROJECTS										
AR1301	Park renovations/improvements	0	580	460	450	450	450	450	2,260	0	2,260
GR0108	Ballantrae Park	5,769	130	0	0	0	0	0	0	405	405
GR0505	Skate Park redesign ** See Coffman**	0	0	0	0	0	0	0	0	0	0
GR0710	Kiwanis Boardwalk extension	3	140	0	0	0	0	0	0	0	0
GR1010	Campden Lakes/Wedgewood Glen Park	0	175	0	0	0	0	0	0	0	0
GR1011	Llewellyn Farms South Park	0	0	0	0	0	0	100	100	0	100
GR1012	Emerald Parkway Bridge Park	16	435	0	0	0	0	0	0	0	0
GR1110	Riverwalk (Emerald Parkway to SR161)	0	0	0	0	0	0	0	0	0	0
GR1111	Sycamore Ridge Park	0	0	0	0	0	0	0	0	0	0
GR1113	IGS Park (TIF)	0	275	0	0	0	0	150	150	0	150
GR1115	Dublin Community Pool North Renov	390	490	160	0	0	0	0	160	470	630
GR1301	Cramer Crossing Reserve E	0	0	75	0	0	0	0	75	0	75
New	Dublin Arts Council Site renovations	0	80	0	35	105	0	250	390	0	390
New	Scioto Park restrooms	0	45	435	0	0	0	0	435	0	435
New	Wallace tract	0	0	0	10	0	0	0	10	0	10
8/8/2012	**TOTAL**	**6,178**	**2,350**	**1,130**	**495**	**555**	**450**	**950**	**3,580**	**875**	**4,455**

Project increased
Project decreased
New project

CITY OF DUBLIN
CAPITAL IMPROVEMENT PROJECTS
2012-2016

PROJECT NO.	DESCRIPTION	PRIOR YEARS ($000)	2011	2012	2013	2014	2015	2016	TOTAL 12-16	BEYOND 2016	TOTAL TO BE BUDGETED
	PARKS & RECREATION / NONMAJOR PROJECTS										
AR1201	Park renovations/improvements	0	300	580	450	450	450	450	2,380	0	2,380
GR0108	Ballantrae Park	5,180	250	130	0	0	0	0	130	405	535
GR0505	Skate Park redesign	0	0	0	40	90	0	0	130	0	130
GR0710	Kiwanis Boardwalk extension	0	85	0	0	0	0	0	0	0	0
GR0911	Riverside Drive Park	0	505	0	0	0	0	0	0	0	0
GR0914	Dublin Spring Park	0	150	0	0	0	0	0	0	0	0
GR1010	Campden Lakes/Wedgewood Glen Park	0	0	175	0	0	0	0	175	0	175
GR1011	Llewellyn Farms South Park	0	0	0	0	0	0	100	100	0	100
GR1012	Emerald Parkway Bridge Park	0	45	435	0	0	0	0	435	0	435
GR1110	Riverwalk (Emerald Parkway to SR161)	0	0	0	0	0	120	995	1,115	0	1,115
GR1111	Sycamore Ridge Park	0	0	0	0	0	0	0	0	490	490
GR1112	Hutchins Property	0	275	0	0	0	0	0	0	0	0
GR1113	IGS Park (TIF)	0	0	275	0	0	0	0	275	0	275
GR1114	Holder Tract	0	80	55	510	50	495	0	1,110	1,000	2,110
GR1115	Dublin Community Pool North Renov	0	525	490	440	0	0	0	930	0	930
GR1301	Cramer Crossing Reserve E	0	0	0	75	0	0	0	75	0	75
8/1/2011	**TOTAL**	**5,180**	**2,215**	**2,140**	**1,515**	**590**	**1,065**	**1,545**	**6,855**	**1,895**	**8,750**



City of Dublin

Parks CIP 2013-2017
NonMajor Projects

Geographic Information Systems
8/1/2012

City of Dublin

2013 – 2017 Capital Improvements Program

Parks and Recreation - Non-Major Projects

AR1301 **Park renovation/improvements** - This project is for renovation/ improvements to various existing parks. The maintenance and rehabilitation of our parks is an important part of the Parks CIP. The following renovations and improvements are programmed:

Location	Description	Amount
Avery Park	Ball field lighting panels	$54,430
Darree Fields	Shade structure adaptors	28,750
Emerald Fields	Dumpster enclosure	43,700
Lewellyn Farms	Basketball court resurfacing	11,500
Scioto Park	Stairs	39,100
Wellington Park	Playground	201,250
	Basketball court resurfacing/hoops	27,830
	Erosion control/land management	34,465
Wyndham Park	Basketball court resurfacing/hoops	18,975
Total		**$460,000**

GR0108 **Ballantrae Park** – Funding in 2012 provides for further renovations to the spray park including the construction of equipment room stairs and the replacement/modification of the fountain paver area. Beyond 2017, the master plan includes a shelter house, parking area, overlook plaza, an internal bike path, site amenities and landscaping.

GR0505 **Skate Park redesign** – This project is included as part of the Coffman Park expansion.

GR0710 **Kiwanis Boardwalk extension** – Funding in 2012 will extend the existing path from Kiwanis Park to S.R.161. The park trail is in need of renovation. The wetland nature of the park has overtaken some of the trail and the balance is in a state of disrepair.

City of Dublin

2013 – 2017 Capital Improvements Program

Parks and Recreation - Non-Major Projects

GR1010 **Campden Lakes/Wedgewood Glen Park** – A large land mass ties together two adjacent neighborhoods. Programmed in 2012, development will include bike paths, landscaping, site furnishings, and a "rural character" fishing deck/pier.

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

GR1012 **Emerald Parkway Bridge Park** – This project will provide access to the Scioto River at the Emerald Parkway Bridge. The project will include a permeable surface parking area, pathways and landscaping. This project is in line with Council's goal of providing access to the Scioto river corridor. Construction is scheduled in 2012. The timing of this project has taken into consideration construction of the Emerald Parkway – Phase 8 project.

GR1110 **Riverwalk (Emerald Parkway to S.R. 161)** - This project will provide a scenic pedestrian path along the east side of the Scioto River from the Emerald Parkway Bridge to S.R. 161 and connecting to the existing Kiwanis Riverway Park just south of S.R. 161. Additional acquisitions need to be evaluated and the results of the Bridge Street Corridor development will have an impact on the timing and/or development of this project. Funding is not programmed in the five year CIP.

GR1111 **Sycamore Ridge Park** – Funds will provide neighborhood park amenities including a large looping multi-use path system, shelter house, playground, site furnishings, landscaping and potentially a second dog park. The Bridge Street Corridor development will have an impact on the timing and/or development of this project. This project has been moved to beyond the five year period.

City of Dublin

2013 – 2017 Capital Improvements Program

Parks and Recreation - Non-Major Projects

GR1113 **IGS Park** - This project will provide a park area adjacent to commercial areas. The land for the park will be provided by IGS Energy as discussed in the Economic Development Agreement with the City. Funding in 2012 includes a multi-use path, bridge, landscaping, shelter house and associated site furnishings. The multi-use path and bridge will be funded from the Thomas/Kohler TIF and the shelter house will be funded from the Capital Improvements Tax Fund.

GR1115 **Dublin Community Pool North renovations** - Funds programmed in 2012 provides for concession stand expansion, new concession stand equipment, new shaded eating area, main entry area renovation, building trim updating and landscape renovation. Funds for 2013 include a new signage and graphics package, bollard lights replacement, shade structure replacement, baby pool fencing, alterations to the existing fence and additional landscape renovations. Beyond 2017 includes design and reconstruction of shade structures and new baby pool fencing.

GR1301 **Cramer Crossing Reserve E** – Funding in 2013 provides for a gazebo, walking paths and associated landscaping.

New **Dublin Arts Council site renovations –** Funding in 2012 includes funds for various outdoor improvements. Funds in 2014 are for the design of a master plan and 2015 includes funding for the retaining wall design and site plans and for the demolition & rebuilding of a main retaining wall adjacent to the driveway, standing curb, garden walk and edging, fencing, landscape and site furnishings. 2017 includes funding for the implementation of the master plan.

Funding from the Hotel/Motel Tax Fund will be evaluated.

New **Scioto Park restrooms –** Funding in 2012 and 2013 includes design and construction for new restrooms with water and sewer connections.

City of Dublin

2013 – 2017 Capital Improvements Program

Parks and Recreation - Non-Major Projects

New **Wallace tract –** Funds programmed in 2014 are for general site improvements.

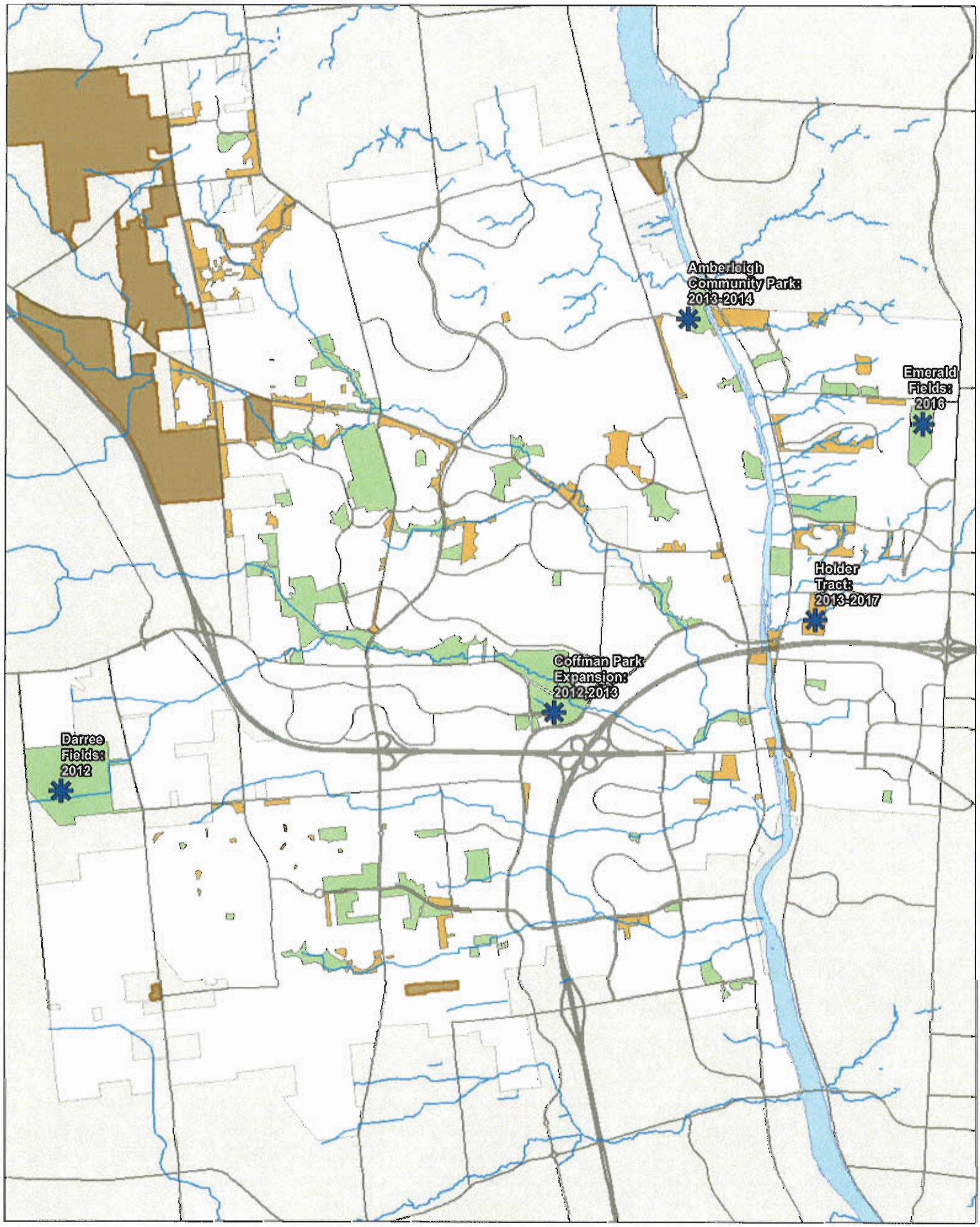
CITY OF DUBLIN
CAPITAL IMPROVEMENT PROJECTS
2013-2017

PROJECT NO.	DESCRIPTION	PRIOR YEARS ($000)	2012	2013	2014	2015	2016	2017	TOTAL 13-17	BEYOND 2017	TOTAL TO BE BUDGETED
	PARKS & RECREATION / MAJOR PROJECTS										
GR9901	Darree Fields development	5,586	275	60	0	0	50	835	945	1,565	2,510
GR9903	Amberleigh Community Park	2,251	0	40	320	0	0	75	435	755	1,190
GR9904	Emerald Fields (N.E. Quad Park)	5,160	0	0	0	0	580	0	580	100	680
GR9902	Coffman Park expansion	50	280	3,570	0	800	700	670	5,740	1,500	7,240
GR1114	Holder tract	53	55	370	85	570	125	950	2,100	0	2,100
8/8/2012	**TOTAL**	**13,100**	**610**	**4,040**	**405**	**1,370**	**1,455**	**2,530**	**9,800**	**3,920**	**13,720**

Project increased
Project decreased
New project

CITY OF DUBLIN
CAPITAL IMPROVEMENT PROJECTS
2012-2016

PROJECT NO.	DESCRIPTION	PRIOR YEARS ($000)	2011	2012	2013	2014	2015	2016	TOTAL 12-16	BEYOND 2016	TOTAL TO BE BUDGETED
	PARKS & RECREATION / MAJOR PROJECTS										
GR9901	Darree Fields development	5,466	410	275	0	0	0	0	275	1,565	1,840
GR9903	Amberleigh Community Park	2,070	0	0	30	230	0	0	260	1,100	1,360
GR9904	Emerald Fields (N.E. Quad Park)	5,183	0	0	0	0	0	525	525	140	665
GR9902	Coffman Park expansion	50	0	280	2,710	0	0	0	2,990	7,860	10,850
8/1/2011	**TOTAL**	**12,769**	**410**	**555**	**2,740**	**230**	**0**	**525**	**4,050**	**10,665**	**14,715**



City of Dublin

Parks CIP 2013-2017
Major Projects

Geographic Information Systems
8/1/2012

City of Dublin

2013 - 2017 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. Funding in 2012 includes funding to convert park facilities from well water to City water and to construct a cyclocross course. 2013 includes funding to seed the Southwest 15 acres and to provide shade structures at the Miracle League field. Funds in 2016 and 2017 are for the design and construction of one ball field and an associated restroom. Funding identified beyond 2017 is to construct a handicapped accessible interpretive boardwalk near the Miracle complex and to re-visit the southwest master plan area recognizing that several base assumptions have changed. The balance of park development will be programmed beyond 2017 after the master plan update.

City of Dublin

2013 - 2017 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 abut to produce a community scale park along the Scioto River.

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

The funding in 2010 provided for improvements that include a parking lot, community scale playground, central pavilion with restrooms, sidewalks and landscaping.

Funding in 2013 and 2014 includes design and construction for stairs to the Scioto River, a pedestrian bridge and associated sidewalks, overlook, stone piers, fencing, crosswalk, mulch paths, bike racks, fencing and landscaping. Funding for 2017 includes design for elements programmed beyond 2017 including a half basketball court w/fence, hard court/play area, shelter, parking lot, canoe launch and boardwalk/pier.

City of Dublin

2013 – 2017 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 fields, three ball diamonds, a universally accessible playground, maintenance facility, two restroom facilities, internal multi-use paths, landscaping, and associated parking lots.

Funding in 2016 includes design and construction of a shade plaza, basketball court and pedestrian lighting. Funding beyond 2017 includes earthwork, soil hauling, bike path repair/replacement, and sand volleyball courts.

City of Dublin

2013 - 2017 Capital Improvements Program

Park and Recreation – Major Projects

Coffman Park Expansion (Project #GR9902)

City Council has adopted a policy to acquire the properties along Post Road from 6124 Post Road east to existing Coffman Park. The Coffman Park Expansion Plan Task Force (the Task Force) was created by City Council in 2002. 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 previously 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 begin evaluating the timing and amount of funding needed to begin future development.

In 2010, staff revisited the Coffman Park master plan to verify original assumptions and update it for current conditions. Funds programmed in 2012 will be used to design Coffman Park's first expansion phase which include park and associated utility burial, three bridges crossing the South Fork of Indian Run, park grading and a new entry drive at Commerce Parkway programmed for construction in 2013. Funds programmed in 2015 will be for the skate park demolition and reconstruction and a new restroom facility for the hard court area and a parking lot. Funding in 2016 will be for hard court construction and old hard court demolition. In 2017, funds are programmed for Perimeter Drive landscaping on new berms, ditch grading and a shelter with restroom and catering room. Beyond 2017 includes several potential elements including a new amphitheater, parking lot, senior activity area/parking, Nyrop property conversion, spray park, new shelters, new sidewalks and landscaping.

City of Dublin

2013 - 2017 Capital Improvements Program

Park and Recreation – Major Projects

Holder Tract (Project #GR1114)

This park is an important archeological and historical site. Funding includes preservation/enhancement of Native American mounds, a path system, house preservation, parking lot and associated site amenities. Funds programmed in 2012 are for the design of the parking lot, bridge and house renovation.

The funding for 2013 includes house renovations. Funding in 2014 and 2015 is for design and the completion of garage demolition, electric work, pedestrian trail, shelter, outdoor classroom/plaza, site furniture, meadow plugs, seeding, trees and miscellaneous site work. Funding in 2016 provides for the design of a pedestrian bridge, shared-use path, entry plaza, interpretive signage, site furniture, entry drive, parking lot, restroom facility, sanitary and water service, stormwater rain garden and landscaping with construction programmed in 2017.

CITY OF DUBLIN
CAPITAL IMPROVEMENT PROJECTS
2013-2017

PROJECT NO.	PROJECT DESCRIPTION	PRIOR YEARS ($000)	2012	2013	2014	2015	2016	2017	TOTAL 13-17	BEYOND 2017	TOTAL TO BE BUDGETED
	POLICE / NONMAJOR PROJECTS										
PP0803	Replacement lasers	17	25	0	25	0	15	0	40	0	40
PP0804	Replacement radars	28	40	0	30	0	25	0	55	0	55
PP0805	OptiCom	36	25	0	0	0	0	0	0	0	0
PP1301	Intersection & Crime Prevention Cameras	0	0	105	80	80	0	0	265	0	265
PP1201	Panic Alarm System Upgrade	0	55	0	0	0	0	0	0	0	0
PP1202	Ballistic Helmets	0	20	0	0	0	0	25	25	0	25
New	Replacement Tasers	0	0	120	0	0	0	0	120	130	250
New	Automatic License Plate Readers	0	0	125	100	0	0	0	225	0	225
New	Replacement Ballistic Shields	0	0	15	0	0	0	0	15	0	15
New	Magnetometers	0	0	20	0	0	0	0	20	0	20
8/8/2012	**TOTAL**	**81**	**165**	**385**	**235**	**80**	**40**	**25**	**765**	**130**	**895**
	POLICE / MAJOR PROJECTS										
PP1601	Radio system upgrade	0	0	0	750	0	0	0	750	750	1,500
8/8/2012	**TOTAL**	**0**	**0**	**0**	**750**	**0**	**0**	**0**	**750**	**750**	**1,500**

Project increased
Project decreased
New project

CITY OF DUBLIN
CAPITAL IMPROVEMENT PROJECTS
2012-2016

PROJECT NO.	PROJECT DESCRIPTION	PRIOR YEARS ($000)	2011	2012	2013	2014	2015	2016	TOTAL 12-16	BEYOND 2016	TOTAL TO BE BUDGETED
	POLICE / NONMAJOR PROJECTS										
PP0803	Replacement lasers	17	0	25	0	25	0	0	50	0	50
PP0804	Replacement radars	28	0	40	0	30	0	0	70	0	70
PP0805	OptiCom	15	25	25	0	0	0	0	25	0	25
PP1102	Dublin Emergency Warning System Upgrade	0	280	0	0	0	0	0	0	0	0
PP1103	Portable Sign Board System	0	0	0	35	0	0	0	35	0	35
PP1104	Digital Video Recorders for Motors	0	35	0	0	0	0	0	0	0	0
PP1301	Intersection Observation Cameras	0	0	0	190	0	0	0	190	0	190
PP1201	Panic Alarm System Upgrade	0	0	55	0	0	0	0	55	0	55
PP1202	Ballistic Helmets	0	0	20	0	0	0	0	20	0	20
9/12/2011	**TOTAL**	**60**	**340**	**165**	**225**	**55**	**0**	**0**	**445**	**0**	**445**
	POLICE / MAJOR PROJECTS										
PP1501	Radio communications tower	0	0	0	0	0	0	0	0	500	500
PP1101	PSAP equipment replacement	0	420	0	0	0	0	0	0	0	0
PP1601	Radio system upgrade	0	0	0	0	0	0	0	0	750	750
9/12/2011	**TOTAL**	**0**	**420**	**0**	**0**	**0**	**0**	**0**	**0**	**1,250**	**1,250**

City of Dublin

2013 – 2017 Capital Improvements Program

Police Non-Major Projects

PP0803 **Replacement lasers** – Funds are programmed for the purchase of lasers to replace aging lasers over the course of three non-consecutive years. The lasers have an estimated life of 10 years.

PP0804 **Replacement radars** – Funds programmed will be used to purchase radars to replace aging radars currently used over the course of three non-consecutive years. The radars have an estimated life of 10 years.

PP0805 **OptiCom** – This allocation provides funds to purchase the needed vehicle based equipment to allow police cruisers to utilize the OptiCom traffic signal pre-emption system. Ten of the traffic signals within the City have the pre-emption system installed. Equipment is currently installed in four front line cruisers. Funding programmed in 2012 will complete the installation in all front line cruisers.

PP1301 **Intersection and Crime Prevention Cameras** – This project will provide 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.

PP1201 **Panic Alarm System upgrade** – Funds are programmed in 2012 for the upgrade of the S2 security system to allow for monitoring of panic alarms located in City facilities. The current panic alarms are over ten years old.

City of Dublin

2013 – 2017 Capital Improvements Program

Police Non-Major Projects (continued)

PP1201 **Panic Alarm System upgrade (continued) -** The installation of the S2 building access system centralizes the key card access to all City buildings into one system located in the Justice Center that will allow the various panic alarms located at City facilities to ring directly into the Police communications center. This upgrade will eliminate the notification delay that exists because these alarms are currently monitored by a third party. In addition, several of the panic alarms installed in City facilities will be converted to wireless to allow easy relocation of alarm points when building upgrades occur and facility needs change.

PP1202 **Ballistic Helmets** – Funds are programmed in 2012 to replace existing officer ballistic helmets. The helmets have a five year life.

New **Replacement tasers** – Funds are programmed in 2013 for the replacement of tasers that have reached the manufacturers recommended five year life span.

New **Automatic license plate readers** – Funds programmed in 2013 and 2014 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.

New **Replacement ballistic shields** – Funds in 2013 are programmed for the replacement of three existing ballistic shields that have a five year expiration and the purchase two shields for two additional SUV's going into service in late 2012.

New **Magnetometers** – Funds in 2013 are for the purchase of two magnetometer systems to provide metal detection capabilities for court and Council meeting security. These systems are portable and could also provide security function capabilities for special events.

City of Dublin

2013 - 2017 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 mz digital system to save costs.

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

As a member of the 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.

CITY OF DUBLIN
CAPITAL IMPROVEMENT PROJECTS
2013-2017

PROJECT NO.	PROJECT DESCRIPTION	PRIOR YEARS ($000)	2012	2013	2014	2015	2016	2017	TOTAL 13-17	BEYOND 2017	TOTAL TO BE BUDGETED
	SANITARY SEWER SYSTEM \ NONMAJOR										
ES1301	Annual sanitary sewer maintenance program	0	0	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
ES1201	Deer Run sanitary improvements	0	0	325		0	0	0	325	0	325
ES1202	Manhole rehabilitations	0	375	0	0	500	0	0	500	0	500
ES1302	River Forest sanitary improvements	0	0	310	0	0	0	0	310	0	310
8/8/2012	**TOTAL**	**0**	**375**	**835**	**200**	**700**	**200**	**200**	**2,135**	**400**	**2,535**
	SANITARY SEWER SYSTEM \ MAJOR PROJECTS										
ES0701	Sewer lining and repair	4,590	2,900	0	0	1,500	0	0	1,500	0	1,500
8/8/2012	**TOTAL**	**4,590**	**2,900**	**0**	**0**	**1,500**	**0**	**0**	**1,500**	**0**	**1,500**

Project increased
Project decreased
New project

CITY OF DUBLIN
CAPITAL IMPROVEMENT PROJECTS
2012-2016

PROJECT NO.	PROJECT DESCRIPTION	PRIOR YEARS ($000)	2011	2012	2013	2014	2015	2016	TOTAL 12-16	BEYOND 2016	TOTAL TO BE BUDGETED
	SANITARY SEWER SYSTEM \ NONMAJOR										
ES1110	North Fork sewer-capacity improvement	0	0	0	0	0	0	0	0	400	400
ES1201	Deer Run sanitary improvements	0	0	325		0	0	0	325	0	325
ES1202	Manhole rehabilitations	0	0	375	0	0	500	0	875	0	875
9/12/2011	**TOTAL**	**0**	**0**	**700**	**0**	**0**	**500**	**0**	**1,200**	**400**	**1,600**
	SANITARY SEWER SYSTEM \ MAJOR PROJECTS										
ES0701	Sewer lining and repair	4,463	0	1,300	0	0	1,500	0	2,800	0	2,800
ES0601	South Fork sanitary sewer extension	336	360	0	0	0	0	0	0	0	0
9/12/2011	**TOTAL**	**4,799**	**360**	**1,300**	**0**	**0**	**1,500**	**0**	**2,800**	**0**	**2,800**

City of Dublin

2013 – 2017 Capital Improvements Program

Sanitary Sewer System - Non-Major Projects

ES1301 **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.

ES1201 **Deer Run sanitary improvements** – Funds programmed in 2013 are for the design and installation of a new pump in the existing wet well, design and construction of new connection of existing force main to existing gravity sewer, investigation of condition of existing force main, and design and construction of improved connection for Shawnee Hills force main.

Completion of this project will minimize sanitary sewer overflow frequencies and improve the connection of the Shawnee Hills sewer.

ES1202 **Manhole rehabilitations** – This project provides for the repair of sanitary sewer manholes in accordance to the schedule needed to be in compliance with the "Director's Final Findings and Orders" issued by the Ohio Environmental Protection Agency (OEPA). This project repairs 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 for the Deer Run sewer shed in 2012 and the North Fork and South Fork Indian Run sewer sheds in 2015.

City of Dublin

2013 – 2017 Capital Improvements Program

Sanitary Sewer System - Non-Major Projects

ES1302 **River Forest sanitary improvements** – Provides for the installation of sanitary sewer manholes in place of cleanouts and point repairs in the main line pipes. The manholes installed in this project will provide better long-term access to the sewer for maintenance and will repair damaged pipe sections.

City of Dublin

2013- 2017 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 inflow and infiltration 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).

In 2012 repairs have, or will be, completed around the Muirfield Championship Golf Course as well as the area north of Glick Road.

The project is funded from the Sewer fund.

CITY OF DUBLIN
CAPITAL IMPROVEMENT PROJECTS
2013-2017

REF. NO.	PROJECT DESCRIPTION	PRIOR YEARS ($000)	2012	2013	2014	2015	2016	2017	TOTAL 13-17	BEYOND 2017	TOTAL TO BE BUDGETED
	TRANSPORTATION / NONMAJOR PROJECTS										
AT1301	Annual street maintenance program	0	3,000	3,150	3,310	3,500	3,700	3,900	17,560	0	17,560
AT1302	Annual infrastructure/roadside improvement program	0	85	325	300	235	235	235	1,330	0	1,330
AT1303	Annual shared-use path maintenance	0	350	450	300	150	150	150	1,200	0	1,200
AT1304	Annual shared-use path connections/additons (Some TIF funded)	0	285	530	775	755	620	1,110	3,790	0	3,790
AT1306	Annual sidewalk program	0	0	375	0	250	0	250	875	0	875
AT1307	Annual parking lot maintenance	0	465	100	100	100	100	100	500	0	500
AT1308	Annual pedestrian tunnel maintenance	0	500	150	150	100	100	100	600	0	600
AT1309	Annual infrastructure repairs (1)	0	310	0	0	0	0	0	0	0	0
AT1310	Annual guardrail replacement & maintenance	0	65	65	65	65	65	65	325	0	325
AT1311	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 (State Highway)	66	0	250	0	0	0	0	250	0	250
ET1105	Hirth/Woolpert culvert (Permissive)	97	400	0	0	0	0	0	0	0	0
8/8/2012	**TOTAL**	**909**	**5,485**	**5,420**	**5,025**	**5,180**	**4,995**	**5,935**	**26,555**	**650**	**27,205**

(1) Combined with AT1302 beginning in 2013

Project increased
Project decreased
New project

CITY OF DUBLIN
CAPITAL IMPROVEMENT PROJECTS
2012-2016

REF. NO.	PROJECT DESCRIPTION	PRIOR YEARS ($000)	2011	2012	2013	2014	2015	2016	TOTAL 12-16	BEYOND 2016	TOTAL TO BE BUDGETED
	TRANSPORTATION / NONMAJOR PROJECTS										
AT1201	Annual street maintenance program	0	2,725	3,000	3,150	3,300	3,465	3,640	16,555	0	16,555
AT1202	Annual roadside improvement program	0	85	85	85	85	85	0	340	0	340
AT1203	Annual multi-use path maintenance	0	350	350	350	150	150	150	1,150	0	1,150
AT1204	Annual multi-use path connections/additons* (Some TIF funded)	0	155	285	570	395	350	0	1,600	0	1,600
AT1206	Annual sidewalk program	0	125	375	0	250	0	250	875	0	875
AT1207	Annual parking lot maintenance	0	355	250	250	100	100	100	800	0	800
AT1208	Annual pedestrian tunnel maintenance	0	250	300	150	150	50	50	700	0	700
AT1209	Annual infrastructure repairs	0	75	150	150	150	150	150	750	0	750
AT1210	Annual guardrail replacement	0	65	65	65	65	0	0	195	0	195
AT1211	Annual bike rack installation	0	25	25	25	25	25	25	125	0	125
AT1105	Traffic calming program	0	0	0	0	0	0	0	0	0	0
ET0403	Pedestrian tunnels	746	0	0	0	0	0	0	0	650	650
ET1118	Riverside Drive/Hard Road turn lane (Fund 212)	66	0	250	0	0	0	0	250	0	250
ET1201	Shannon Glen Park multi-use path bridge	0	0	0	0	0	0	0	0	180	180
9/12/2011	**TOTAL**	**812**	**4,210**	**5,135**	**4,795**	**4,670**	**4,375**	**4,365**	**23,340**	**830**	**24,170**

* Large connections(Brand, Glick, Dublin Rd.) moved to major.

Project increased

Project decreased

New project

City of Dublin

2013- 2017 Capital Improvements Program

Transportation – Non-Major Projects

AT1301 **Annual street maintenance program** - This is 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 has been completed and will be utilized to program the timing of street maintenance work. 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 allocation for 2013 reflects a 5% increase over 2012 with the remaining years reflecting an annual increase of approximately 5% as well. The results of the pavement analysis will allow the City to more accurately identify pavement conditions and program repairs accordingly in the five year CIP.

AT1302 **Annual infrastructure/roadside improvement program** – Beginning in 2013, annual infrastructure repairs and annual roadside improvements have been combined into one project. 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 bridge railings, stone walls, mast arm poles and other right-of-way repairs. Many times, this program is completed in conjunction with the Annual Street Maintenance program. As with other annual programs, departments have been working together to identify areas needing improvement and the anticipated year of completion.

AT1303 **Annual shared-use path maintenance** - This is an annual allocation to maintain the City's shared-use paths. This project is completed in conjunction with the Annual Street Maintenance program. Engineering and Parks and Open Space have identified several shared-use paths that are in need of maintenance in the next two years. As a result, additional funds have been programmed in 2013 and 2014 to repair the identified shared-use paths. Additionally, an annual allocation of $150,000 has been programmed in 2015, 2016 and 2017 to ensure the shared-use paths are properly maintained. Based on the age of the shared-use

City of Dublin

2013- 2017 Capital Improvements Program

Transportation – Non-Major Projects

AT1303 **Annual shared-use path maintenance (continued)**
path system, an annual evaluation of the City's system will be completed in order to properly maintain the paths.

AT1304 **Annual shared-use path connections/additions** - These funds are utilized in areas where roadway projects or developer contributions are not likely or in locations where pedestrian safety is an issue.

As a result of City Council's 2007 goal-setting session, the funding for shared-use path connections increased from the previous annual allocation of $150,000 to fund the design, construction and landscaping of the Brand Road, Dublin Road and Glick Road shared-use paths. These projects, based on the estimated costs, have been included separately in Transportation – Major and details will be included in their individual project descriptions.

Staff recently completed a comprehensive review of its shared-use path connection/addition needs and has developed a comprehensive plan for completing these projects to further enhance the City's comprehensive shared-use path network. As a result, additional funds have been programmed in the five year CIP to expedite the completion of these paths/additions. In 2013, the following connections/additions are programmed for completion:

General Location	Amount
Oak Park Southern Connector Glacier Ridge	$24,500
Smith parcel	137,500
Tullymore and Parkmill crossing	10,500
Wareham Street crossing	11,500
Westbury Belvedere crossing	48,500
Discovery to Post	107,000
Wilcox Road	187,500
Emerald Parkway Sharrow corridor	3,000
Total	**$530,000**

City of Dublin

2013- 2017 Capital Improvements Program

Transportation – Non-Major Projects

AT1306 **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 beginning in 2013. To jump start this program, an additional $125,000 is programmed in 2013. In previous years, $125,000 was programmed annually.

AT1307 **Annual parking lot maintenance** – This project is administered by the Division of Engineering and will likely be completed in conjunction with the Annual Street Maintenance Program. Timing and completion is based on a comprehensive analysis of all City owned parking lots. Additional funds were allocated in 2012 to complete the parking lots at the Fleet maintenance facility and City Hall.

Funding in the amount of $100,000 annually has been programmed in the five year CIP.

AT1308 **Annual pedestrian tunnel maintenance** – An assessment of the pedestrian tunnels has been completed. Engineering staff has completed a condition analysis of the tunnels. Necessary improvements will be prioritized and cost estimates completed. Additional funds were programmed in 2012, 2013 and 2014 to expedite the repairs of the tunnels with more pressing needs. Tunnel maintenance identified to be completed in the short term are Dublin Road – North of Memorial Drive, Avery-Muirfield Drive just North of Post Road and Emerald Parkway at Dublin Road.

City of Dublin

2013- 2017 Capital Improvements Program

Transportation – Non-Major Projects

AT1310 **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.

AT1311 **Annual bike rack installation** – The City, as well as the Bicycle Advisory Task Force (BATF), has identified the need for several additional bike racks as a result of the increased use of bicycles in the City. Funding is provided for the installation of additional bike racks throughout the City. 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 has not been programmed in the five year period.

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 2013. This project will be funded out of the State Highway Fund.

ET1105 **Hirth/Woolpert culvert** – This project involves the removal and construction of a concrete box and retaining wall due to the deterioration of the existing culvert. This project will be funded out of the Permissive Tax Fund.

CITY OF DUBLIN
CAPITAL IMPROVEMENT PROJECTS
2013-2017

REF. NO.	PROJECT DESCRIPTION	PRIOR YEARS ($000)	2012	2013	2014	2015	2016	2017	TOTAL 13-17	BEYOND 2017	TOTAL TO BE BUDGETED
	TRANSPORTATION / MAJOR PROJECTS										
ET0103	Tuttle Crossing Blvd. Ext.-Wilcox Road to Avery Road (TIF)	13	150	700	1,800	0	0	0	2,500	11,560	14,060
ET0104	Emerald Parkway-Riverside Drive to Billingsley Creek (TIF)	3,281	815	9,710	2,875	0	0	0	12,585	0	12,585
ET0205	Emerald Parkway-Rings Road to Tuttle Crossing Blvd (TIF)	762	1,500	0	0	0	0	0	0	0	0
ET1119	Relocated Rings Road	0	0	90	350	0	725	0	1,165	0	1,165
ET1202	Frantz Road utility burial (TIF)	105	0	1,750	0	0	0	0	1,750	0	1,750
ET0810	Frantz Road-Dublin Road connector (TIF)	229	0	2,650	0	0	0	0	2,650	0	2,650
ET1101	Railroad Quiet Zone - Houchard to Leap	10	0	470	0	0	0	0	470	0	470
ET1103	LED Street Light Replacement	259	2,000	0	0	0	0	0	0	0	0
New	Avery Road widening - Woerner Temple to Rings Road West (TIF)	0	0	0	530	0	0	0	530	7,600	8,130
	Intersection Improvements:										
ET0405	Hyland-Croy Road/Brand Road (TIF)	522	0	3,400	0	0	0	0	3,400	0	3,400
ET0410	Avery-Muirfield/Perimeter Loop/Perimeter Drive (TIF)	3,151	55	0	500	330	0	3,500	4,330	5,300	9,630
ET0508	Riverside Drive/SR161 (TIF)	254	2,500	0	0	0	0	0	0	3,500	3,500
ET0511	Avery-Muirfield/Tullymore/Valley Stream/Avery Road	51	0	700	0	0	0	0	700	0	700
ET0605	Sawmill Road/Hard Road (TIF)	235	0	550	1,700	0	0	0	2,250	0	2,250
ET1001	Cosgray Road/Shier Rings	229	1,150	0	0	0	0	0	0	0	0
ET0809	Hyland Croy-McKitrick Road	0	0	180	50	0	1,230	0	1,460	0	1,460
ET1401	I-270/US 33 interchange phase 1 improvements (TIF)	500	0	800	5,000	0	6,600	0	12,400	0	12,400
ET1003	Dublin Road and Glick Road	157	0	60	0	0	0	0	60	1,555	1,615
ET1102	US 33/SR 161/Post Road interim interchange improvements (TIF)	0	150	1,000	0	0	0	0	1,000	0	1,000
ET1205	Coffman/Brand Road	0	150	1,400	0	0	0	0	1,400	0	1,400
ET0606	COIC #3- Eiterman Rd relocation	137	0	0	0	0	0	0	0	3,725	3,725
ET1521	Muirfield Drive and Memorial Drive	0	0	50	0	0	0	0	50	1,930	1,980
New	West Innovation Park infrastructure	0	0	50	0	0	0	0	50	0	50
New	SR 161/Hyland Croy Road (TIF)	0	0	40	300	0	0	0	340	0	340
	Shared use path connections/additions:										
ET1004	Brand Road	206	1,015	0	0	0	0	0	0	0	0
ET1203	Dublin Road South	246	415	1,740	0	0	0	0	1,740	0	1,740
ET1204	Glick Road	0	590	820	0	0	0	0	820	760	1,580
ET1104	Muirfield Drive bike lanes	50	0	0	1,460	0	0	0	1,460	0	1,460
8/8/2012	**TOTAL**	**10,397**	**10,490**	**26,160**	**14,565**	**330**	**8,555**	**3,500**	**53,110**	**35,930**	**89,040**

Project increased
Project decreased
New project

CITY OF DUBLIN
CAPITAL IMPROVEMENT PROJECTS
2013-2017

REF. NO.	PROJECT DESCRIPTION	PRIOR YEARS ($000)	2012	2013	2014	2015	2016	2017	TOTAL 13-17	BEYOND 2017	TOTAL TO BE BUDGETED
	TRANSPORTATION / MAJOR PROJECTS										
ET0609	COIC #1-West area improvements	0	0	0	0	0	0	0	0	2,235	2,235
ET0003	COIC #6-US33/SR 161/Post Road interchange	16,508	0	0	0	0	0	0	0	24,750	24,750
ET0902	COIC #7-Post Preserve access modification	191	0	0	0	0	0	0	0	1,565	1,565
ET0901	US 33 widening from I-270 to Post Road	0	0	0	0	0	0	0	0	2,240	2,240
ET1002	Blazer Parkway/Frantz Road (TIF)	0	0	0	0	0	0	0	0	675	675
ET1101	Avery Road/Brand Road (TIF)	0	0	0	0	0	0	0	0	1,150	1,150
ET1103	Riverside Drive/Summitview Drive	0	0	0	0	0	0	0	0	575	575
ET1506	Shier Rings Road-Avery Road to Emerald Parkway	0	0	0	0	0	0	0	0	5,350	5,350
ET1508	Rings Road-west of Avery Road	0	0	0	0	0	0	0	0	6,125	6,125
ET1509	Cosgray Road improvements-proposed street intersection	0	0	0	0	0	0	0	0	850	850
ET1513	Shier Rings Road-Cosgray Road to Houchard Road	0	0	0	0	0	0	0	0	1,680	1,680
ET1515	Old Avery Road relocation	0	0	0	0	0	0	0	0	3,350	3,350
ET1516	Shier Rings Road-Eiterman Road to Cosgray Road	0	0	0	0	0	0	0	0	1,760	1,760
ET1517	Shier Rings Road-Avery Road to Eiterman Road	0	0	0	0	0	0	0	0	1,740	1,740
ET1518	Hyland Croy & Post Preserve roundabout	0	0	0	0	0	0	0	0	1,300	1,300
ET1520	Emerald Parkway/Shier Rings Road improvements	0	0	0	0	0	0	0	0	900	900
ET1523	Perimeter widening - Holt Road to Commerce Parkway	0	0	0	0	0	0	0	0	4,800	4,800
ET1524	US33/SR 161/Frantz Road intersection	0	0	0	0	0	0	0	0	0	0
8/8/2012	**TOTAL**	**27,096**	**10,490**	**26,160**	**14,565**	**330**	**8,555**	**3,500**	**53,110**	**96,975**	**150,085**

Project increased
Project decreased
New project

CITY OF DUBLIN
CAPITAL IMPROVEMENT PROJECTS
2012-2016

REF. NO.	PROJECT DESCRIPTION	PRIOR YEARS ($000)	2011	2012	2013	2014	2015	2016	TOTAL 12-16	BEYOND 2016	TOTAL TO BE BUDGETED
	TRANSPORTATION / MAJOR PROJECTS										
ET0103	Tuttle Crossing Blvd. Ext.-Wilcox Road to Avery Road (TIF)	13	0	150	500	1,800	0	0	2,450	7,000	9,450
ET0104	Emerald Parkway-Riverside Drive to Billingsley Creek (TIF)	2,998	290	9,710	0	0	0	0	9,710	0	9,710
ET0205	Emerald Parkway-Rings Road to Tuttle Crossing Blvd (TIF)	486	0	1,800	0	0	0	0	1,800	0	1,800
ET1119	Relocated Rings Road	0	0	90	350	0	725	0	1,165	0	1,165
ET1202	Frantz Road utility burial (TIF)	0	75	0	750	0	0	0	750	0	750
ET0810	Frantz Road-Dublin Road connector (Potential TIF)	229	0	2,650	0	0	0	0	2,650	0	2,650
ET1101	Railroad Quiet Zone - Houchard to Leap	10	0	470	0	0	0	0	470	0	470
ET1103	LED Street Light Replacement	0	300	2,000	0	0	0	0	2,000	0	2,000
	Intersection Improvements:										
ET0405	Hyland-Croy Road/Brand Road (TIF)	300	200	3,400	0	0	0	0	3,400	0	3,400
ET0410	Avery-Muirfield/Perimeter Loop/Perimeter Drive (TIF)	3,151	500	330	3,500	0	0	0	3,830	1,800	5,630
ET0508	Riverside Drive/SR161 (TIF)	254	2,500	400	0	0	0	0	400	3,500	3,900
ET0511	Avery-Muirfield/Tullymore/Valley Stream/Avery Road	51	100	0	700	0	0	0	700	0	700
ET0605	Sawmill Road/Hard Road (TIF)	235	0	550	0	1,700	0	0	2,250	0	2,250
ET1001	Cosgray Road/ Shier Rings	191	250	1,650	0	0	0	0	1,650	0	1,650
ET0809	Hyland Croy-McKitrick Road	0	0	0	180	50	0	1,230	1,460	0	1,460
ET0904	Perimeter Drive/Commerce Parkway (TIF)	119	1,115	0	0	0	0	0	0	0	0
ET1401	I-270/US 33 interchange phase 1 improvements (Potential TIF)	0	500	0	800	5,000	0	6,600	12,400	0	12,400
ET1003	Dublin Road and Glick Road*	157	0	0	0	0	0	0	0	2,650	2,650
ET1102	US 33/SR 161/Post Road eastbound ramps	0	0	150	0	0	0	0	150	0	150
NEW	Coffman/Brand Road	0	0	150	0	0	0	0	150	0	150
	Bikepath connections/additions:										
ET1004	Brand Road	82	445	1,015	0	0	0	0	1,015	0	1,015
ET1203	Dublin Road South	92	260	1,600	0	0	0	0	1,600	0	1,600
ET1204	Glick Road	0	0	0	340	60	290	0	690	760	1,450
ET1104	Muirfield Drive bike lanes	0	50	0	1,460	0	0	0	1,460	0	1,460
ET1005	Emerald Parkway sharrows	0	120	0	0	0	0	0	0	0	0
9/12/2011	**TOTAL**	**8,368**	**6,705**	**26,115**	**8,580**	**8,610**	**1,015**	**7,830**	**52,150**	**15,710**	**67,860**

* Does not include ROW acquisition and utility relocation

Project increased

Project decreased

New project

CITY OF DUBLIN
CAPITAL IMPROVEMENT PROJECTS
2012-2016

REF. NO.	PROJECT DESCRIPTION	PRIOR YEARS ($000)	2011	2012	2013	2014	2015	2016	TOTAL 12-16	BEYOND 2016	TOTAL TO BE BUDGETED
	TRANSPORTATION / MAJOR PROJECTS										
ET0609	COIC #1-West area improvements	0	0	0	0	0	0	0	0	2,235	2,235
ET0606	COIC #3- Eiterman Rd relocation	456	0	0	0	0	0	0	0	3,725	3,725
ET0003	COIC #6-US33/SR 161/Post Road interchange	14,898	0	0	0	0	0	0	0	24,750	24,750
ET0902	COIC #7-Post Preserve access modification	191	0	0	0	0	0	0	0	1,565	1,565
ET0901	US 33 widening from I-270 to Post Road	0	0	0	0	0	0	0	0	2,240	2,240
ET1002	Blazer Parkway/Frantz Road (TIF)	0	0	0	0	0	0	0	0	675	675
ET1101	Avery Road/Brand Road (TIF)	0	0	0	0	0	0	0	0	1,150	1,150
ET1103	Riverside Drive/Summitview Drive	0	0	0	0	0	0	0	0	575	575
ET1506	Shier Rings Road-Avery Road to Emerald Parkway	0	0	0	0	0	0	0	0	5,350	5,350
ET1508	Rings Road-west of Avery Road	0	0	0	0	0	0	0	0	6,125	6,125
ET1509	Cosgray Road improvements-proposed street intersection	0	0	0	0	0	0	0	0	850	850
ET1513	Shier Rings Road-Cosgray Road to Houchard Road	0	0	0	0	0	0	0	0	1,680	1,680
ET1515	Old Avery Road relocation	0	0	0	0	0	0	0	0	3,350	3,350
ET1516	Shier Rings Road-Eiterman Road to Cosgray Road	0	0	0	0	0	0	0	0	1,760	1,760
ET1517	Shier Rings Road-Avery Road to Eiterman Road	0	0	0	0	0	0	0	0	1,740	1,740
ET1518	Hyland Croy & Post Preserve roundabout	0	0	0	0	0	0	0	0	1,300	1,300
ET1520	Emerald Parkway/Shier Rings Road improvements	0	0	0	0	0	0	0	0	900	900
ET1521	Muirfield Drive and Memorial Drive	0	0	0	0	0	0	0	0	1,930	1,930
ET1522	Relocated Tuller Road	0	0	0	0	0	0	0	0	4,370	4,370
ET1523	Perimeter widening - Holt Road to Commerce Parkway	0	0	0	0	0	0	0	0	4,800	4,800
ET1524	US33/SR 161/Frantz Road intersection	0	0	0	0	0	0	0	0	0	0
9/12/2011	**TOTAL**	**23,913**	**6,705**	**26,115**	**8,580**	**8,610**	**1,015**	**7,830**	**52,150**	**86,780**	**138,930**

Project increased
Project decreased
New project

City of Dublin

2013 - 2017 Capital Improvements Program

Transportation – Major Projects

Tuttle Crossing Boulevard Extension – Wilcox to Avery and Avery Road Widening - Rings Road West to South Corporation Boundary (Project #ET0103)

Tuttle Crossing Boulevard Extension – Wilcox to Avery

This phase of the project provides for the extension of Tuttle Crossing Boulevard from its current terminus at Wilcox Road to Avery Road. The project includes the construction of a four-lane boulevard with curb and gutter, bikeway, sidewalk, street lights, traffic signals, a shared-use tunnel and landscaping. The project also includes widening on Avery Road from Rings Road West intersection to the south corporation line.

Funds for a preliminary alignment study have been programmed for 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 is programmed in 2013. Right-of-way acquisition on Tuttle Crossing Boulevard from Wilcox Road to Avery Road is programmed in 2014 with construction reflected beyond 2017. The project will be funded through service payments from the Rings/Frantz TIF.

Avery Road Widening – Rings Road West to South Corporation Boundary

This phase of the project provides for a four lane boulevard "Emerald Parkway" section for Avery Road about 1,900 ft in length and includes a multi-lane roundabout at the intersection of Tuttle Crossing Boulevard; street lighting; and shared-use path tunnel under Avery Road at the future Tuttle Crossing Boulevard/Avery Road roundabout.

The project design is programmed in 2013. Site acquisition and construction are reflected beyond 2017.

The Rings/Frantz TIF and the Thomas/Kohler TIF will be evaluated as possible funding sources for this section of the project.

City of Dublin

2013 – 2017 Capital Improvements Program

Transportation – Major Projects

Emerald Parkway-Riverside Drive to Billingsley Creek (Project #ET0104)

Emerald Parkway – phase 8

This project provides for the continuation of Emerald Parkway and is the final phase to be completed 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.

The current McKitrick 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.

Cardinal Health's construction of an additional office building on their site has allowed the construction of this project to be programmed. Design was completed in 2009. The right-of-way acquisition for the project is in-process. Prior year expenditures include acquisition of rights-of-way between 1996 (Jenmar Court properties) and 2011. Construction and landscaping is currently programmed in 2013. Construction will be initiated upon completion of successful right-of-way acquisition negotiations.

The project will be funded by service payment received through the McKitrick TIF Fund and, to the extent available, the Kroger Centre TIF Fund and the Lifetime Fitness TIF Fund.

Emerald Parkway at Riverside Drive and Riverside Drive at Tuller Road

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 and most likely will result in a relocation of a portion of Tuller Road. Discussions regarding the design of this project are on-going. Design and construction is programmed in 2014.

The project will be funded by service payments received through the McKitrick TIF Fund and, to the extent available, the Kroger Centre TIF Fund and the Lifetime Fitness TIF Fund, and any future TIFs established through future development on Tuller Road.

City of Dublin

2013 - 2017 Capital Improvements Program

Transportation – Major Projects

Emerald Parkway-Rings Road to Tuttle Crossing Boulevard (Project #ET0205)

This project provides for the widening of Emerald Parkway from Rings Road to Tuttle Crossing Boulevard. The modification of the Emerald Parkway/Tuttle Crossing intersection was completed as part of the Tuttle Crossing Boulevard widening project. The City of Columbus and Dublin entered into a Cooperative Design and Right-of-Way Agreement on May 19, 2010. Design has been completed and each City will acquire its own right-of-way. Construction of the overall project is currently anticipated to be administered by the City of Columbus. The project costs will be apportioned based on corporate boundaries.

Construction was originally programmed in 2010; however, additional planning was needed with the City of Columbus including the need for completion of right-of-way acquisition. As a result, construction is currently programmed in 2012 and is underway.

This project will be partially funded from a grant provided by the Ohio Public Works Commission (OPWC) from a grant submitted by the City of Columbus. Dublin will be reimbursed directly from OPWC for its share of the project.

The City's share of the project will be funded by service payments generated from the Thomas/Kohler TIF.

City of Dublin

2013 - 2017 Capital Improvements Program

Transportation – Major Projects

Relocated Rings 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. This will be a three-lane roadway and is needed as a result of the planned future development. The project also includes water and sewer extensions and landscaping. Due to slowed growth and discussions with the developer, the project has been deferred.

Design is scheduled for 2013, land acquisition in 2014 and construction in 2016.

City of Dublin

2013 – 2017 Capital Improvements Program

Transportation – Major Projects

Frantz Road utility burial (Project #ET1202)

This project will fund improvements consisting of the burial of overhead utility lines along Frantz Road between Metro Place North and Rings Road. These improvements will be funded by the Pizzuti TIF. Funding has been programmed based on current service payment projections.

Right-of way acquisition and construction of the project are programmed in 2013.

City of Dublin

2013 – 2017 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 Frantz Road, 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 and allow for possible future development of the OCLC property. Funding will be provided by the McKitrick TIF.

Construction has been deferred from 2012 to 2013. The project will continue to be evaluated with the progress of the Bridge Street Corridor.

City of Dublin

2013 – 2017 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 cost to install the crossing in the City has been deferred until 2013; 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.

City of Dublin

2013 – 2017 Capital Improvements Program

Transportation – Major Projects

LED Street Light Replacement (Project# ET1103)

This project provides funds to replace the existing 250 watt high pressure Kim street lights with Light Emitting Diode (LED) street lights.

Approximately 225 street light style fixtures in City owned parking lots were replaced in 2011 and approximately 1,500 street lights are programmed to be replaced in 2012.

The estimated annual electric savings by switching to LED lights is $62,000 and the payback period for energy and maintenance costs is approximately 4.5 years. The useful life of the lights is approximately 12 years.

City of Dublin

2013 - 2017 Capital Improvements Program

Transportation – Major Projects

Avery Road Widening – From Woerner-Temple Road to Rings Road West (New Project)

This project provides for the widening of Avery Road from Woerner-Temple Road to Rings Road West. It will include for a four lane boulevard "Emerald Parkway" section for Avery Road approximately 3,150 ft 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 is programmed in 2014, and site acquisition and construction are reflected beyond 2017.

This project widens Avery Road to the maximum four lane section due to development pressures along Avery Road, including Avondale Woods and the National Church Residences.

The funding for this project will be from service payments that will be received in the Thomas/Kohler TIF.

City of Dublin

2013 – 2017 Capital Improvements Program

Transportation – Major Projects

Hyland-Croy Road/Brand Road (Project# ET0405)

This project provides for construction of a roundabout at the intersection of Hyland-Croy and Brand Road. An intersection analysis study was completed and identified that a roundabout is the preferred option for this intersection. The improvement will be a single lane roundabout expandable to a two lane roundabout. Design for the project was programmed in 2008 and has been completed.

Right-of–way acquisition for the project was programmed in 2011, and is currently in-process and almost substantially completed. Construction has been deferred from 2012 to 2013.

The majority of the funding for this project will be through service payments received from the Tartan West TIF.

City of Dublin

2013 – 2017 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 design for the project has been programmed in 2014, right-of-way acquisition in 2015 and construction in 2017. The project will provide for the construction of a two-lane roundabout. Additional long-term improvements have been programmed beyond 2017.

The funding for this project will be from service payments that will be received from the modified Ruscilli and Perimeter Center TIFs, and to the extent available, the Perimeter West TIF.

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

City of Dublin

2013 – 2017 Capital Improvements Program

Transportation – Major Projects

Riverside Drive/SR 161 (Project #ET0508)

This intersection and potential improvements have been under review in recent years. An alternatives analysis has been completed and signalization modifications and roundabout alternatives are being evaluated.

Funding programmed in 2012 includes an allocation for design and site acquisition. Construction is programmed beyond 2017.

Funding has been advanced from the Capital Improvements Tax Fund to the River Ridge TIF Fund to fund the alternatives analysis and design.

The relocation of Riverside Drive to the east of its existing location is also being evaluated as part of the review and evaluation of the intersection improvements. Decisions on how to proceed with this intersection will be based on the implementation of the Bridge Street Corridor.

Construction is not currently programmed in the five year period. The amount reflected beyond 2017 is based on signal modifications and the addition of right turn lanes on northbound Riverside Drive and westbound S.R. 161.

City of Dublin

2013 - 2017 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 2011 with right-of-way acquisition and construction is programmed in 2013.

This project will improve traffic operations and safety and compliment the work to be completed in the Avery-Muirfield Drive Corridor.

This project will be funded by permissive tax revenues.

City of Dublin

2013– 2017 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 (gas line) is programmed in 2013 and construction in 2014. Dublin is working with the City of Columbus to evaluate potential land acquisition.

Engineering staff has 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 to 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 payments generated from the Kroger Centre and Lifetime Fitness TIF districts.

City of Dublin

2013 – 2017 Capital Improvements Program

Transportation – Major Projects

Cosgray Road/Shier Rings Road (Project #ET1001)

This project provides for a roundabout at the intersection of Cosgray and Shier Rings Road including the construction of a modern roundabout consisting of asphalt pavement, truck apron with brick pavers, sidewalk, asphalt shared-use path, storm sewers, street lights and dry-laid stone wall.

The project was programmed for 2012 and is currently under construction. This intersection improvement will be funded from permissive tax revenues.

City of Dublin

2013 – 2017 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 is scheduled in 2013, right-of-way acquisition in 2014 and construction in 2016.

The developer of Tartan Ridge is required to contribute $118,125 towards this project.

City of Dublin

2013 – 2017 Capital Improvements Program

Transportation – Major Projects

I-270/US 33 interchange phase 1 improvements (Project# ET1401)

This project provides for phase 1 of the I-270/US 33 interchange rebuild, which includes an I-270 north-bound flyover ramp to west bound US 33. This work is meant to include the Alternatives refinement to the preferred alternative, environmental clearances and associated preliminary engineering, final design, and some right-of-way acquisition. The project cost assumes only Dublin's local match contribution of the total cost for the elements above. Total construction cost for the northbound to westbound flyover ramp is approximately $33,000,000.

The City has initially been awarded funding from the Transportation Review Advisory Council (TRAC) for preliminary engineering and environmental assessments. The local match is $500,000 and was programmed in 2011.

Additional funding may be provided by the Upper Metro TIF.

Design is programmed in 2013, right-of-way acquisition and utility relocation in 2014 and construction in 2016. The contract will be administered by the Ohio Department of Transportation (ODOT).

City of Dublin

2013 - 2017 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. Improvements include additional left turn lanes on each approach and improve the sight distance on the north leg of the intersection. Pedestrian facilities and modifications to the traffic signal will also be included.

Potential funding sources include an OPWC grant that Delaware County will apply for on behalf of Shawnee Hills. If the grant is awarded, Delaware County will match local contributions up to $50,000. Shawnee Hills has committed to contributing $50,000.

Design was programmed and completed prior to 2011. Completion of design for the Dublin preferred alternative is programmed in 2013 and acquisition, utility relocation and construction are currently not programmed in the five year period.

City of Dublin

2013 – 2017 Capital Improvements Program

Transportation – Major Projects

US33/SR 161/Post Road interim interchange improvements (Project# ET1102)

Since the US33/SR 161/Post Road interchange project has been deferred, an allocation has been programmed in 2012 and 2013 to provide funding for potential improvements. This project is meant to construct an interim solution to improve traffic flow while waiting for an opportunity to construct the larger, longer term interchange project.

The construction programmed in 2013 includes the work that ODOT has approved. This includes widening Post Road from the southbound off ramp west of the interchange from two lanes to four lanes; turn lanes on Post Road to Eiterman; lane addition north on Eiterman, and signal improvements.

The Perimeter West TIF will be evaluated as a possible funding source for this project.

City of Dublin

2013– 2017 Capital Improvements Program

Transportation – Major Projects

Coffman/Brand Road intersection improvements (New)

Funds programmed in 2012 are for preliminary engineering for the Coffman/Brand Road intersection. Based on an intersection analysis, it has been determined that a roundabout is the preferred option for this intersection.

Funds programmed in 2013 are for the design and construction of the roundabout. Timing of completion will take into consideration the completion of the section of the Brand Road shared-use path that runs through this intersection.

City of Dublin

2013 - 2017 Capital Improvements Program

Transportation – Major Projects

Eiterman Road Relocation (Project #ET0606)

This project provides for the relocation of Eiterman Road. The project is subject to evaluation and is reflected beyond 2017.

City of Dublin

2013– 2017 Capital Improvements Program

Transportation – Major Projects

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

Funding programmed in 2013 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 safety concerns at the intersection.

Crash history indicates a relatively higher number of collisions at the intersection relative to the traffic volumes. A study will assist the City in determining the best treatment for the intersection.

Design and construction are reflected beyond 2017.

City of Dublin

2013– 2017 Capital Improvements Program

Transportation – Major Projects

West Innovation Park infrastructure (NEW Project)

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.

A Sight Access study has been programmed in 2013. This project is subject to evaluation and not yet programmed.

Should development opportunities occur which necessitate the need to fund the extension of fiber to this area, additional funds will be programmed.

City of Dublin

2013– 2017 Capital Improvements Program

Transportation – Major Projects

SR 161/Hyland-Croy Road (NEW Project)

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 is programmed in 2013 and construction is programmed in 2014.

City of Dublin

2013 – 2017 Capital Improvements Program

Transportation – Major Projects

Bikeway connections/additions

Brand Road shared-use path (Project #ET1004)

Based on a detailed assessment and public input, this project will provide for the completion of a shared-use path on Brand Road. Construction includes completion of a shared-use path between Muirfield Drive and Dublin Road. The project will be completed in phases. The first phase, from Dublin Road to Earlington Parkway is expected to be completed in 2012. Construction for all phases of the path has been programmed in 2012; however, further evaluation is needed to determine the timing for completion of additional phases of the project.

Dublin Road South shared-use path (Project #1203)

Funds were programmed for design in 2011. Construction includes completion of the Dublin Road South shared-use path between Historic Dublin (Karrer Place) and Tuttle Road. The project will be completed in phases. The first phase, from Tuttle Road to Hertford Lane is expected to be completed in 2012. Construction for the remaining phases of the path has been programmed in 2013; however, timing of completion will be influenced by the complexity of easement acquisition.

Glick Road shared-use path (Project #1204)

This project is for the completion of the Glick Road shared-use path between Avery Road and Muirfield Drive and will be completed in four phases. Funds have been programmed in 2012 for design of the entire path and construction of the path from Muirfield Drive to Carnoustie Drive (Phase 2). Acquisition is programmed in 2013 for the remaining portion of the path. The remaining three phases of the path are programmed for completion in 2013.

Phase 1 – Avery Road to Muirfield Drive
Phase 2 – Muirfield Drive to Carnoustie Drive
Phase 3 – Carnoustie Drive to Muirkirk Drive
Phase 4 – Concord (Glick) to Tartan Cart Bridge

City of Dublin

2013 – 2017 Capital Improvements Program

Transportation – Major Projects

Bikeway connections/additions

Muirfield Drive bike lanes (Project #1104)

Funds programmed in 2014 are for design and alignment for the construction of bike lanes on Muirfield Drive between Brand Road and Glick Road. Construction is programmed in 2014.

City of Dublin

2013 – 2017 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.

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.

US 33 widening from I-270 to Post Road (ET0901) - This project allows for the construction of an additional outside auxiliary lane to each side of US 33/SR161 from I-270 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.

City of Dublin

2013 – 2017 Capital Improvements Program

Transportation – Major Projects

Blazer Parkway/Frantz Road (ET1002) - This project provides improvements determined necessary by the traffic study completed in conjunction with the Nationwide Mutual Insurance Company's expansion in Dublin. 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.

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 to beyond 2016 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

Avery Road/Brand Road intersection improvements (ET1101) - 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. No funding has been programmed for the project. The funding for this project will be the service payments that will be received from the Tartan West TIF.

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).

City of Dublin

2013 – 2017 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 is programmed in 2013 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

City of Dublin

2013 – 2017 Capital Improvements Program

Transportation – Major Projects

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.

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.

CITY OF DUBLIN
CAPITAL IMPROVEMENT PROJECTS
2013-2017

PROJECT NO.	PROJECT DESCRIPTION	PRIOR YEARS ($000)	2012	2013	2014	2015	2016	2017	TOTAL 13-17	BEYOND 2017	TOTAL TO BE BUDGETED
	WATER DISTRIBUTION SYSTEM \ NONMAJOR PROJECTS										
AW1001	Water line replacement	0	200	0	470	0	0	0	470	0	470
AW0604	Booster station upgrades	609	85	0	0	55	0	0	55	0	55
EW0102	Water tower maintenance	1,591	0	0	325	315	0	0	640	0	640
EW1301	Water Quality Units	0	0	315	0	0	0	0	315	0	315
EW1202	Fishel Drive watermain extension phase 1	0	295	0	0	0	0	0	0	0	0
8/8/2012	**TOTAL**	**2,200**	**580**	**315**	**795**	**370**	**0**	**0**	**1,480**	**0**	**1,480**
	WATER DISTRIBUTION SYSTEM \ MAJOR PROJECTS										
EW1201	Dublin Road water tower	749	2,300	0	0	0	0	0	0	0	0
EW1101	Rings Road Waterline	0	0	0	0	0	730	0	730	0	730
8/8/2012	**TOTAL**	**749**	**2,300**	**0**	**0**	**0**	**730**	**0**	**730**	**0**	**730**

Project increased
Project decreased
New project

CITY OF DUBLIN
CAPITAL IMPROVEMENT PROJECTS
2012-2016

PROJECT NO.	PROJECT DESCRIPTION	PRIOR YEARS ($000)	2011	2012	2013	2014	2015	2016	TOTAL 12-16	BEYOND 2016	TOTAL TO BE BUDGETED
	WATER DISTRIBUTION SYSTEM \ NONMAJOR PROJECTS										
AW1202	Water line oversizing	0	0	0	0	0	0	0	0	0	0
AW1001	Water line replacement	0	0	500	0	470	0	0	970	0	970
AW0604	Booster station upgrades	213	580	85	0	0	55	0	140	0	140
EW0102	Water tower maintenance	990	500	0	0	305	305	0	610	0	610
EW1102	Post Road water tower decommissioning	0	85	0	0	0	0	0	0	0	0
EW1501	12" waterline - Ballantrae Section 9 to Cosgray	0	170	0	0	0	0	0	0	0	0
EW1301	Water Quality Units	0	0	0	315	0	0	0	315	0	315
EW1202	Fishel Drive watermain extension phase 1	0	0	265	0	0	0	0	265	0	265
9/12/2011	**TOTAL**	**1,203**	**1,335**	**850**	**315**	**775**	**360**	**0**	**2,300**	**0**	**2,300**
	WATER DISTRIBUTION SYSTEM \ MAJOR PROJECTS										
EW1201	Dublin Road water tower	2	150	2,900	0	0	0	0	2,900	0	2,900
EW1101	Rings Road Waterline	0	0	0	0	0	730	0	730	0	730
9/12/2011	**TOTAL**	**2**	**150**	**2,900**	**0**	**0**	**730**	**0**	**3,630**	**0**	**3,630**

City of Dublin

2013 - 2017 Capital Improvements Program

Water Distribution System - Non-Major Projects

AW1001 **Water line replacement** - The City's water system is relatively new and the City has not needed to replace existing lines. 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 and have completed an analysis of the lines to determine when replacement should occur.

There is funding allocated in 2012 and 2014 to begin replacing the 2" and 3" lines. It is possible that significant replacements could be grouped and scheduled to be completed in the same year allowing long-term debt to be issued instead of programming annual allocations.

AW0604 **Booster station upgrades** - This project will ensure that water supply to the storage tanks is adequate. Based on system evaluations completed by ms consultants, 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 following upgrades have been programmed:

2012 - Various maintenance and repairs at the Brand Road booster station.

2015 - Various maintenance and repairs at the Rings Road and Tartan booster stations.

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

City of Dublin

2013 - 2017 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 three(3) existing water towers. Funds programmed in 2014 are for interior painting of the Avery tower, and 2015 includes funds for interior painting of the Rings/Blazer tower. Engineering maintains a comprehensive schedule for future water tower maintenance.

EW1202 **Water quality units** – Funds programmed in 2013 are 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.

EW1202 **Fishel Drive water-main extension phase 1** – Funds programmed in 2012 provide an 8-inch water-main extension along the northern part of the Fishel Drive loop. This project will provide water to this area and assist in future annexation and development.

City of Dublin

2013 - 2017 Capital Improvements Program

Water Distribution System-Major Projects

Dublin Road water tower (Project # EW1201)

This project was identified as part of the utility infrastructure study completed in conjunction with the update of the Community Plan. This project has been accelerated based on need. Funding was programmed in 2010 for acquisition of the site necessary to construct the tower. The land acquisition was completed in July 2011. Construction is currently being completed.

The tower will be located on Dublin Road near the Bogey Inn and will be funded from the Water Fund. The City plans to issue debt for the construction of the tower.

City of Dublin

2013 – 2017 Capital Improvements Program

Water Distribution System - Major Projects

Rings Road waterline (Project # EW1101)

This project is to install a 16 inch waterline from Avery Road to "relocated Rings 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.

CITY OF DUBLIN
CAPITAL IMPROVEMENT PROJECTS
2013-2017

PROJECT NO.	PROJECT DESCRIPTION	PRIOR YEARS ($000)	2012	2013	2014	2015	2016	2017	TOTAL 13-17	BEYOND 2017	TOTAL TO BE BUDGETED
	STORMWATER SYSTEM \ NONMAJOR PROJECTS										
AF1301	Annual stormwater maintenance	0	300	560	560	560	560	560	2,800	0	2,800
									0		0
8/8/2012	**TOTAL**	**0**	**300**	**560**	**560**	**560**	**560**	**560**	**2,800**	**0**	**2,800**
	STORMWATER SYSTEM \ MAJOR PROJECTS										
EF0201	Stormwater improvements	2,703	0	865	570	0	0	0	1,435	0	1,435
New	SFIR floodplain fill	0	0	470	0	0	0	0	470	0	470
8/8/2012	**TOTAL**	**2,703**	**0**	**1,335**	**570**	**0**	**0**	**0**	**1,905**	**0**	**1,905**

Project increased
Project decreased
New project

CITY OF DUBLIN
CAPITAL IMPROVEMENT PROJECTS
2012-2016

PROJECT NO.	PROJECT DESCRIPTION	PRIOR YEARS ($000)	2012	2013	2014	2015	2016	2017	TOTAL 13-17	BEYOND 2017	TOTAL TO BE BUDGETED
	STORMWATER SYSTEM \ NONMAJOR PROJECTS										
AF1201	Annual stormwater maintenance	0	300	300	300	300	300	300	1,500	0	1,500
									0		0
									0		0
9/12/2011	**TOTAL**	**0**	**300**	**300**	**300**	**300**	**300**	**300**	**1,500**	**0**	**1,500**
	STORMWATER SYSTEM \ MAJOR PROJECTS										
EF0201	Stormwater improvements	2,653	50	0	465	205	0	0	670	0	670
9/12/2012	**TOTAL**	**2,653**	**50**	**0**	**465**	**205**	**0**	**0**	**670**	**0**	**670**

City of Dublin

2013 - 2017 Capital Improvements Program

Stormwater System - Non-Major Projects

AF1201 **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.

City of Dublin

2013 – 2017 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 recently completed by Camp, Dresser & McKee.

From the preliminary design work done in 2011 and 2012, the following project costs have been estimated:

Year	Project Name	Project Description	Engineering Cost	Construction Cost	Total Cost
2013	Amberleigh North Storm Outlets	Eliminate erosion control issues at storm outlets in Amberleigh Community Park	$35,000	$245,000	$280,000
2013	Bear Run/Earlington Village Drainage Improvements	Remove existing storm sewer and construct reinforced stream channel	$55,000	$360,000	$415,000
2013	Mill Road/Dublin Road Improvements	Minimize flooding potential and drain Dublin Road	$20,000 (easement - $15,000)	$135,000	$170,000
2014	Blazer Pkwy/Frantz Rd/Waterford Village	Increase pipe capacity in the neighborhood to minimize flooding potential	$55,000	$355,000	$410,000
2014	Stonewall Ct Improvements	Reduce roadway flooding with additional storm sewer	$20,000 (easement - $25,000)	$115,000	$160,000

These projects 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.

City of Dublin

2013 – 2017 Capital Improvements Program

Stormwater System - Major Projects

South Fork Indian Run (SFIR) floodplain fill (New)

Funding in 2013 provides for the placement of fill material in the 100 year floodplain area to provide additional development area on the property and wetland mitigation. This project will utilize the soil stockpile on the property and makes the land more valuable for development purposes.

As part of Ohio University's Economic Development Agreement (EDA), the university is required to contribute one-half of the cost of this project up to a maximum of $275,000.