



To: Members of Dublin City Council
Date: September 3, 2015
Initiated By: Angel L. Mumma, Director of Finance
Melody Kennedy, Budget Manager
Re: **Ordinance 54-15 - Adopting the 2016-2020 Five-Year Capital Improvements Program (CIP) - Follow-up Items from the August 17, 2015 Finance Committee Meeting**

Background

Below are the responses from open items from the August 17, 2015 Finance Committee meeting regarding the proposed 2016 – 2020 Five-Year Capital Improvements Program (CIP). Information and pending items from the meeting have been addressed by the appropriate Work Units. Additionally, any changes requested by City Council during the review will be incorporated into the final CIP document when it is printed.

Budget Adjustments

Budget adjustments were made subsequent to the Finance Committee meeting, based on City Council requests and additional staff review.

- **AT1606 - Annual Sidewalk Program**
\$50,000 has been added to 2016 to fund the start of the sidewalk shaving program. This program is used by many communities to effectively address sidewalk trip hazards.
- **GR9901 – Darree Fields Park Development**
\$70,000 has been removed from 2017 for shade structures. The Miracle League has received donations that will cover the cost of construction.
- **AB1601 – Building Maintenance/Renovations**
\$10,000 has been removed from 2016 for workspace renovations that have been re-evaluated.
- **AB0601 – Municipal Facilities**
\$75,000 has been removed from 2017 for interior wayfinding costs that have been re-evaluated.
- **ET1603 – Uncurbed Streets – Mid-Century Neighborhood**
\$430,000 in 2016 and \$2,390,000 in 2017 has been added for design and construction of curb, gutter and sidewalk construction. This will be funded through a transfer from the General Fund, utilizing the unencumbered fund balance, to the Capital Improvement Tax Fund. *[See follow-up items below.]*
- **ET0103 – Tuttle Crossing Boulevard Extension**
\$440,000 for a pedestrian tunnel was removed from 2019. Staff had included this tunnel at the Tuttle Crossing Boulevard and Avery Road roundabout in large part due to pending draft Federal ADA requirements currently being considered that would impact the design of future roundabouts. The proposed requirements include that pedestrian crossings on multi-lane roundabout approaches are to be fitted with pedestrian activated signals, which will stop vehicular traffic to allow pedestrians to cross, unless there is an alternate path provided. This is not a mandate at this time. Staff will follow

the status of the draft mandate and make any necessary cost adjustments for the pedestrian crossing in next year's CIP.

- **GR1302 – Scioto River Pedestrian Bridge**

Per City Council's direction and staff's review, \$19,210,000 for funding of the construction of the pedestrian bridge has been moved forward from 2018 to 2017. *[See follow-up items below.]*

- **ET1607 – Bridge Street District Program Management**

Moving the construction of the pedestrian bridge forward a year will result in program management costs being moved forward a year from \$600,000 in 2018 and \$600,000 in 2019 to \$600,000 in 2017, and \$600,000 in 2018.

- **AT1604 – Annual Bikeway Connections/Additions**

\$20,000 for design of the shared-use path connection from Emerald Parkway to the Dublin Arts Council (DAC) has been added to 2019 for preliminary conceptual design. *[See follow-up items below.]*

- **ES1602 – Sanitary Sewer Line Extensions**

Per City Council's request to accelerate extension plans, the following funding changes have been made:

2016 - \$115,000
2017 - \$460,000
2018 - \$805,000
2019 - \$700,000
2020 - \$2,935,000

This is a net of \$275,000 more than previously proposed in the five-year period. *[See follow-up items below.]*

- **EW1601 – Water Line Extensions**

Per City Council's request to accelerate extension plans, the following funding changes have been made:

2016 - \$ 35,000
2017 - \$140,000
2018 - \$700,000
2019 - \$750,000
2020 - \$555,000

This is a net of \$210,000 more than previously proposed in the five-year period. *[See follow-up items below.]*

Follow-Up Items

Administration – Major Projects

AL1602 – Parkland Acquisition

City Council noted the annual payment for the Metro Parks will roll off after 2017. The total commitment amount over the 20-year period was requested.

Response: In 1997, the City entered into a Memorandum of Understanding with the Columbus and Franklin County Metropolitan Park District (Metro Parks) to establish the Glacier Ridge Metro Park. This MOU was later revised in April 2000. The City committed to reimburse the Metro Park 50% of the land cost up to a maximum of \$385,000 per year for 20 years. The City's total commitment to

reimburse the Metro Parks is \$7,700,000. To date, \$6,930,000 has been repaid. Metro Parks funded the development of the park and is responsible for the ongoing maintenance.

AV1601 – Fleet Management Program

It was noted that the City has had a very successful story with its CNG vehicle conversion. City Council asked staff to provide them with a list of published articles about the City's CNG program.

Response: The City began converting some of its fleet in 2011 when construction of a City-owned CNG fueling station began. Below are links to all the articles that were published. The most recent article about the City's CNG snowplows is attached to the back of this memo.

Recent CNG Coverage

- **City of Dublin Newsroom** - <http://dublinohiousa.gov/newsroom/dublin-adds-cng-snow-plows-to-fleet/>
- **Government fleet** - <http://www.government-fleet.com/news/story/2015/07/ohio-city-transitioning-to-cng-snow-plow-trucks.aspx?refresh=true>
- **NGV Global** - <http://www.ngvglobal.com/blog/dublin-ohio-adds-cng-snow-ploughs-to-fleet-0725>
- **Next Gen Transportation** - http://www.ngtnews.com/e107_plugins/content/content.php?content.10978#.VdX_BfIVhBc
- **Dublin Villager** - <http://www.thisweeknews.com/content/stories/dublin/news/2015/07/28/city-cng-snowplows-are-solid-investment.html>

Upcoming Coverage

- **The Municipal** – Plans to include CNG plow story in October “News and Notes”

Older Coverage

- **2012** - Fueling station will help save dollars, lower emissions - <http://www.thisweeknews.com/content/stories/dublin/news/2012/06/20/compressed-natural-gas-fueling-station-will-help-save-dollars-lower-emissions.html>
- **2010** - Compressed natural gas could fuel city vehicles - <http://www.thisweeknews.com/content/stories/dublin/news/2010/08/25/compressed-natural-gas-could-fuel-city-vehicles.html>

Other Fleet Coverage

- **Touch a truck** – various social media and City website, plus Government Fleet article, which mentions “alternate fuel vehicles” - <http://www.government-fleet.com/channel/operations/news/story/2015/08/ohio-city-participates-in-community-touch-a-truck-event.aspx>
- **Citizen U, SnowGo and other Fleet highlights** – Government Fleet coverage - <http://www.government-fleet.com/channel/operations/article/story/2015/06/10-tips-for-a-successful-open-house.aspx>

- **Boy Scout Visit** - <http://www.government-fleet.com/channel/operations/news/story/2015/02/ohio-city-fleet-opens-doors-to-cub-scouts.aspx>

Parks & Recreation / Public Works – Major Projects

GR1302 – Scioto River Pedestrian Bridge

Currently, the pedestrian bridge project is funded in 2018. City Council asked about the impacts of moving the construction to an earlier year.

Response: Staff in Parks and Engineering is working very closely with the City's consultants to plan the timing of this project. The budget must be structured so the funding is included in the Riverside Park Project (GR1303) to allow for the east and west plazas to be completed at the time the pedestrian bridge is complete. The plaza design needs to follow the bridge design. Whereas the pedestrian bridge has a two-year construction timeframe, the plazas are planned to be built primarily during the second construction season. But those details and timing considerations will be vetted more fully during the design process.

It is important that the bridge is designed in advance of the plazas to ensure constraints aren't created that render the bridge design and construction more challenging than it already will be.

Regarding construction of the eastern plaza, under no circumstances can the eastern plaza be constructed until the bridge is complete or nearly complete as the abutment on the east side of the river may be incorporated into the plaza. The eastern plaza area will also be the location of heavy construction activity during the construction of the bridge. The eastern plaza construction should not begin until the end of 2018.

Regarding construction of the western plaza, it is somewhat isolated. Its final elevation will influence how the pedestrian bridge walkways and the pedestrian bridge itself are designed. Since the pedestrian bridge is the most complex element of the system (plazas, walkways and bridge) it should be the infrastructure that determines the grades for the plazas. This will ensure the City does not get into a difficult ADA situation and other engineering issues. The western plaza is dependent on the N. Riverview St. grade and bridge tie-in. The construction should lag behind the bridge. By how much will be determined as we move through the design process. Also, Crawford Hoying has a building footprint that will impact the western plaza.

Based on the information above and Council's desire to advance the construction of the bridge, the funding for the pedestrian bridge has been shifted to 2017, which will allow the project to be bid in late 2016 and constructed in 2017 and 2018 (two-year construction period). 2017 is realistic to begin construction.

Furthermore, staff recommends funding a portion of the pedestrian bridge with the unencumbered balance of the General Fund. As Council is aware, over the past ten years, the General Fund balance has grown from 45% of expenditures in 2005 to over 107% of expenditures in 2014. This growth in fund balance is attributable to three factors: 1) prior to the economic downturn in 2009, transfers were made from the General Fund to the Capital Improvement Tax Fund. Those transfers ceased in 2009 as a result of the decline in income tax revenues; 2) the growth in income tax revenues since 2009, coupled with controlled growth in expenditures, has created an environment where General Fund revenues have exceeded expenditures, resulting in an increase to the General Fund balance; and 3) over the past three to four years, the General Fund reserves have been maintained recognizing

there would be a significant amount of public investment that would be needed within the Bridge Street District.

The utilization of the General Fund to fund a portion of the pedestrian bridge is an appropriate use of the fund balance. In funding \$5 million of the total \$19.2 million construction cost through the General Fund balance, it preserves some additional debt capacity for other unanticipated projects that may materialize over the next few years.

Staff is conscientious about maintaining a sufficient level of General Fund balance beyond the City's 50% reserve level that our policy dictates. While we monitor the level of fund balance on a regular basis and report the level to Council on a quarterly basis, we will also review it as part of the annual CIP and Operating Budget review processes.

Public Works – Transportation – Major Projects

ET1603 – Uncurbed Streets – Mid-Century Neighborhood

City Council requested additional information regarding cost estimates for construction of curb, gutter and sidewalks for the Mid-Century Neighborhood, and information regarding other Dublin neighborhoods without these amenities.

Response: Reconstruction of a non-curbed street without sidewalks to a Dublin subdivision street typical section (28-foot wide) involves a storm water drainage system, concrete curb and gutter, 6-inch asphalt pavement with aggregate base, 8-foot wide tree lawns, and 4-foot wide sidewalks on each side of the street. The construction cost estimate for a “generic” street reconstruction of the type described is \$450 per linear foot of street.

Using the above cost per foot, the reconstruction costs are estimated to be \$2,338,000 which can be broken down as follows:

Marion Street:	1,675 ft	x	\$450 =	\$754,000
Longview Drive:	1,640 ft	x	\$450 =	\$738,000
Grandview Drive:	1,445 ft	x	\$450 =	\$650,000
Franklin Street:	435 ft	x	\$450 =	\$196,000

These are programming level construction costs and do not include any design fees. Costs would be refined as design progresses. Given these streets are presently located with a 50-foot wide right-of-way, additional right-of-way should not be necessary. In order to “connect” existing driveways to a reconstructed street, temporary easements will be necessary.

In May of 2014, staff compiled a summary of all existing Dublin streets that do not have curb and gutter. There are nearly 70 centerline miles of streets, ranging in functional classifications from major arterials to local (residential), presently existing without curb and gutter. The streets that would be most comparable to the residential streets located within the Mid-Century Neighborhood area are those classified as local with approximately 21 miles of streets without curb and gutter. A map was also developed showing the locations of all existing streets without curb and gutter within Dublin. Please reference the attached memo dated May 1, 2014 regarding “Summary of Existing Streets without Curb and Gutter” for more information as well as the map.

Using the above-referenced estimated reconstruction cost of \$450 per foot, to address all the local uncurbed streets in Dublin would be nearly \$50 million.

Staff Recommendation

The City anticipates these streets (Mid-Century Neighborhood) will require significant maintenance in the next few years. The work is likely to include cement stabilization, some added street width, and 4.5 inches of new asphalt pavement. The estimated construction cost of these improvements is approximately \$125 per foot. Since these improvements are the responsibility of the City and are needed regardless of the neighborhood's desire for curb and gutter, staff recommends the City participate in the proposed reconstruction project in an amount equal to \$125 per foot. Staff also recommends the City manage and fund the design of the proposed reconstruction project.

Staff recommends all affected property owners from which easements will be required for construction of the proposed project donate any such easements to the City.

Since this proposed reconstruction project is at the request of the neighborhood residents and the improvements will solely benefit the adjacent property owners, staff recommends that City Council consider the remainder of the construction costs (i.e. approximately \$325 per foot) be assessed on the adjacent properties. The assessment could either be by a front footage or per lot basis.

Staff's preliminary analysis indicates that an assessment based on front footage would result in an assessment amount ranging between \$13,500 and \$40,000, depending on the front footage of the adjacent property based on the following formula:

$$((\$450 \text{ per foot} - \$125 \text{ per foot})/2) \times \text{front footage}$$

Assessed over a 20-year time period the annual assessment amount would range from \$675 - \$2,000, depending on the front footage of the adjacent property.

Staff's preliminary analysis indicates that an assessment on a per lot basis would result in an assessment amount of approximately \$22,200 for each lot based on the following formula:

$$(((\$450 \text{ per foot} - \$125 \text{ per foot})) \times 5,195 \text{ total street footage}) / 76 \text{ lots} = \$22,215$$

Assessed over a 20-year time period, the annual assessment amount would be \$1,110.

These calculations are based on the City paying for the upfront cost of the construction from the unencumbered balance of the General Fund (cash funded). The City is permitted to include costs for design and construction of the improvements, as well as any costs associated with the issuance of bonds or notes for the improvements, among others. Should the City issue bonds or notes to pay for the improvements, the assessment on the property owner would be higher than the preliminary amounts shown above.

Should assessments be desired by City Council, staff will research the most effective, reasonable and fair manner in which an assessment be levied on the adjacent properties. Staff will also research the potential impact of these improvements on the existing adjacent property values to determine the cost of the assessment versus the increase in property values in the neighborhood.

As stated previously, staff has added \$430,000 in 2016 and \$2,390,000 in 2017 to the CIP for design and construction of curb, gutter and sidewalk construction. This will be funded through a transfer from the General Fund, utilizing the unencumbered fund balance, to the Capital Improvement Tax Fund.

Public Works – Utilities Projects

ES1602 – Sewer Line Extensions & EW1601 Water Line Extensions

City Council requested additional information with regard to sewer line extensions and water line extensions as follows:

Cost recovery impacts associated with amending Chapters 51 and 52 of the Codified Ordinances of the City of Dublin, Ohio to require property owners to connect to the public systems within two years after the date of official notices to do so. The current requirement is 90 days.

Response: The financial impact of this amendment is very difficult to estimate, given the ultimate timing of connections and possible waivers that may be granted. Therefore, this was not a factor that was considered in the forecasting.

Through obtaining billing data from the City of Columbus, it has been determined that there are 158 parcels currently located within 100 feet of public water service and 105 parcels currently located within 100 feet of sanitary sewer service. Based on our current water and sewer tap charges (\$1,890 for a ¾" water tap and \$2,210 for a ¾" sewer tap), the total revenue that will be collected from these property owners upon connection is \$289,620 and \$232,050, respectively. When the City collects this revenue will be determined by the connection timeframe set within the applicable code sections.

Guidance for granting relief from connecting to the public water and/or sanitary sewer systems. (§51.40(B) and §52.00(B) of the Codified Ordinances provides that in the event that a property owner proves hardship or extraordinary circumstances or excessive costs to make the required connection, the City Manager, with concurrence of City Council, may grant relief.

Response: Staff has performed significant research in an effort to develop criteria and procedures for reviewing requests for relief from required connection to the public water and/or sanitary sewer systems. Thus far, staff has identified the following for consideration:

- Applicant based criteria: This could include financial, medical, or other hardship criteria related to the property owner.
 - Financial hardship could be deemed to exist when a property owner's annual family income is at or below a specified income level.
- Property based criteria: This could include hardship conditions related to the property and the work required to complete the connection and/or the remaining useful life and condition of an existing Household Sewage Treatment System.
 - Hardship could be deemed to exist when an existing HSTS' remaining useful life is determined to be greater than a specified number of years. This could be evidenced by submission of an inspection report and maintenance agreement and records.
- Waiver Procedures:
 - An application would be submitted to the Public Works Department on a form provided by the Department. The applicant would be required to state the specific grounds upon which the waiver is sought.

- At the initiation of design, staff could contact the affected property owners in the area being designed to determine which property owners will be seeking waivers. All requests must be received within a certain timeframe prior to the required connection date.
 - A committee could be formed to vet and consider the waiver requests.
 - A waiver may not exceed five years, although it may be renewed based on a re-evaluation of eligibility.
 - A waiver does not transfer with the sale or transfer of the property.
- Incentives: Staff has identified examples of incentive programs that could be utilized to encourage and facilitate connection to the public water and/or sanitary sewer. For example, other communities are utilizing loan and/or grant programs as well as voluntary assessments.

Staff requests additional time to research and develop these guidelines and procedures prior to presenting and discussing with City Council.

Can the 25-year conceptual build out of the sanitary sewer and water service extensions be shortened to 15 years?

Response: Staff has reviewed and prioritized the extensions by taking the following factors, as set forth in the policy, into consideration:

- Health and Safety
- Future Development Potential
- Potential to Leverage a Programmed Capital Improvement Project
- Cost Effectiveness
- Cost Estimate and Available Resources
- Other Factors

Staff recommends leveraging the transportation and utility CIP projects that are being proposed. Staff further recommends implementing the extensions in the areas identified as having greater potential for health risks along the Scioto River. As a result of this prioritization effort, and in the event City Council decides upon a 15-year conceptual build out plan, staff would propose the following extensions as a part of the 2016-2020 CIP:

CIP YEAR	Area **	Sanitary Sewer	Water	Criteria
2016	13, 11A, 11B, 12	\$115,000	\$35,000	The design of extensions to areas 13, 11A, 11B, and 12 would occur in 2016 as well as any necessary land acquisition.
2017	13	\$34,000	-	Opportunity to leverage the ET1406 Avery Road/Brand Road Intersection Improvement Project.
	11A & 11B	\$424,000	-	Opportunity to leverage the EF0201 Limerick Lane Stormwater Improvements Project.
	12	-	\$139,000	Opportunity to leverage the AW1001 Waterline Replacement Project.
2018	8A, 8B	\$805,000	\$701,000	Opportunity to leverage the

	& 8C			ET0103 Tuttle Crossing Blvd. Extension Project.
2019	4A	\$285,000	\$752,000	Start on east side of Scioto River as area has higher potential for health risk.
	10C & 10D	\$416,000	-	Start on west side of Scioto River as area has higher potential for health risk.
2020	15	\$43,000	-	Opportunity to leverage the potential Stormwater Improvements Project.
	3A, 3B & 3C	\$2,892,000	\$556,000	Area has higher potential for health risks and extension would benefit greater number of parcels, Area 3 must be constructed prior to Area 2.

**** - Water/Sewer Extension Study General Location Map is attached.**

These preliminary cost estimates include detailed engineering and surveying. Costs not included in the estimates are any potential land acquisitions, private utility relocation, landscaping, rock excavation, permits, capacity fees, and lateral connections. These estimates are in 2015 dollars. In the event City Council programs an extension project in the Five-Year CIP, staff would send correspondence to the property owners in the Extension Area notifying them of the City's intent to proceed with the main line extensions, and reminding them of the City's requirement for connection to the utility systems.

Staff continued this prioritization effort past the five-year CIP horizon in an effort to develop a conceptual citywide build out of the sanitary sewer and water service extensions. Using the potential for health risk information as the guiding criteria and reserving those areas that have future development potential, a conceptual build out plan for the sanitary sewer and water service extensions is as follows. This preliminary conceptual plan is based on what staff knows at this time and will be re-evaluated on an annual basis. Additionally, this plan may be adjusted based on any changes in potential for health risk, opportunities to leverage CIP projects, available resources, property development, and any petitioned areas.

YEAR	Area **	Sanitary Sewer	Water	Criteria
2021	2A, 2B & 2C	\$1,944,000	\$1,093,000	Continue north along east side of Scioto River as area has higher potential for health risk. Area 2 must follow construction of Area 3.
2022	4B & 4C	\$643,000	\$908,000	Area has medium potential for health risk.
2023	9	\$244,000	\$682,000	Area has medium potential for health risk.
	10B	\$655,000	\$174,000	Continue north along west side of Scioto River as area has higher potential for health risk.
2024	10A	\$932,000	\$383,000	Begin west side of Scioto River as area has higher potential for health risk and extension would benefit greater number of parcels.

2025	1A	\$372,000	-	Area has development potential.
	1B & 1C	\$718,000	-	Area has medium potential for health risk. It is cost effective to construct 1B and 1C together.
2026	7	\$198,000	-	Area has medium potential for health risk.
2027	1D	\$170,000	-	Area has medium potential for health risk.
	5	\$30,000	\$28,000	Area has medium potential for health risk.
	16	\$234,000	-	Area has development potential.
2028	17	\$94,000	-	Area has development potential.
	18	\$35,000	-	Area has development potential.
	19	\$44,000	\$169,000	Area has development potential.
2029	6A, 6B & 6C	\$523,000	-	Area has medium potential for health risk.
2030	14	\$67,000	-	Area has lower potential for health risk.
	4D	\$156,000	\$140,000	Area has lower potential for health risk and development potential.
2031	20	\$63,000	\$230,000	Area has lower potential for health risk.
	21	\$75,000	-	Area has lower potential for health risk.

**** - Water/Sewer Extension Study General Location Map is attached.**

As Council is aware, the debt service for the Upper Scioto West Branch Interceptor rolls off in 2018. While that will provide more debt capacity within the Sewer Fund, the savings from that debt service should be utilized to continue our maintenance program of our existing lines, including sewer lining and repair and manhole rehabilitation, as well as build up the Sewer Fund balance, which has been low compared to our guideline of maintaining a fund balance equal to 25% of the system's assets (ranging from 9% - 12% over the past five years). Conversely, the Water Fund is much healthier, with a fund balance ranging from 20% to 28% of the system's assets over the past five years with no major projects anticipated at this time. As such, the Water fund has the ability to absorb the cost of the extensions while the Sewer Fund does not.

Based on the funding requests within the Capital Improvement Tax Fund, there are insufficient resources to fund the sewer extensions. Therefore, the cost of extending the sewer lines will need to come from the revenues generated from the taps as well as the unencumbered balance of the General Fund. (Note: we will maintain the annual allocation to transfer funds from the Capital Improvement Tax Fund to the Water and Sewer Funds as provided in the proposed CIP).

Understanding that it is Council's desire to accelerate this extension program, staff has incorporated funding in the proposed CIP to provide extensions based on the 15-year plan in this five-year timeframe (2016 – 2020). While some extensions may be funded on a cash basis, it is likely that up to three years of extensions will be funded through the issuance of bonds, in which case the annual debt service will be funded by the General Fund. Based on the areas proposed above in the 2016 – 2020 CIP, it is estimated this will likely result in a transfer from the General Fund of approximately \$150,000 annually, beginning in 2017 and increasing to \$400,000 by 2020. Any revenues from tap fees which are received from the properties located within these areas will be utilized to fund the extensions as well. To the extent that the collection of these charges is delayed (through waivers), additional subsidizing may be required from the General Fund.

Based on the aforementioned, staff recommends City Council take the following actions:

1. Direct staff to bring forward an Ordinance amending Chapters 51 and 52 of the Codified Ordinances of the City of Dublin, Ohio to require property owners to connect to the public systems within two years after the date of official notices to do so.
2. Direct staff to initiate the connection process with those property owners of developed parcels that are currently within 100 feet of public sanitary sewer and/or water services by sending them a letter notifying them that public sanitary sewer and/or water services are accessible and communicating the connection requirement. In the interest of reducing any potential health risk to the community as a whole, staff recommends the City do its due diligence to work with these property owners to address the existing situations prior to investing the funds and creating additional situations that must be similarly addressed.
3. Adopt the Water Utility and Sanitary Sewer Utility Extensions to Existing Developed Property Policy.
4. Approve the Five-Year Capital Improvements Program Planned Extensions as a part of the 2016-2020 CIP process.

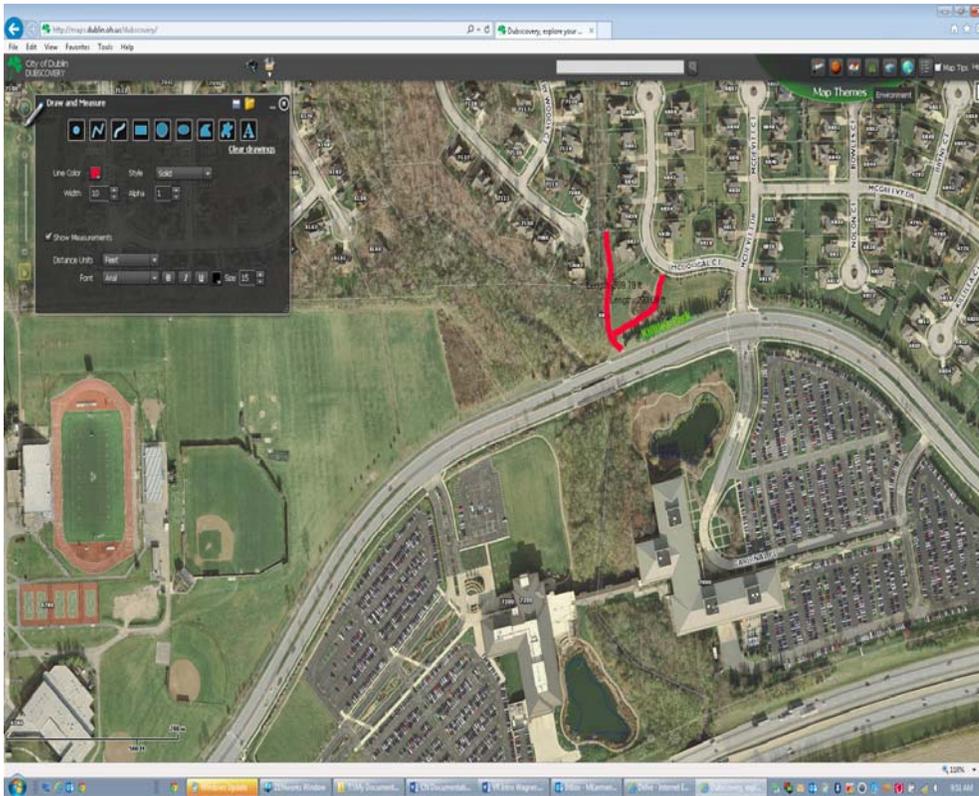
Parks & Recreation– Non-Major Projects

AR1601 – Park Renovations

A lack of lighting along the shared-use path from Dublin Coffman High School to Killilea was discussed. It was suggested that an evaluation of lighting along the dark portion of the path be completed by Parks staff.

Response: It is the Parks & Recreation staff's understanding that the larger issue is the illumination of this path in relation to the Independence Day and Dublin Irish Festival (DIF) events. While permanent lighting options are available at a cost of approximately \$30,000, staff suggests the option of providing temporary lighting located in Killilea Park for this section of path during such events for the purpose of safety to pedestrians after dark.

Pedestrians for these events have access to the lighted shared-use path leading from Coffman Park and Coffman High School, along Emerald Parkway. There is about 400 feet of unlit shared-use path connecting Emerald Parkway to Coventry Woods Ct. and MacDougal Ct. that provides the best alternative for a solution. (See map below). It is staff's recommendation to provide temporary lighting during City-hosted events that occur after dark. The proximity of Killilea Park provides the accessibility for temporary lighting solutions to this path, which will allow pedestrians to access the neighborhood walkways.



Depiction: Killilea lighting map.

Division of Police – Non-Major Projects

PP1302 – Auto License Plate Reader

In 2017, the Division of Police are requesting a budget allocation in the CIP for Auto License Plate Readers (ALPR). City Council inquired as to the number of ALPRs in-use currently and how many units the requested allocation of \$120,000 in 2017 will provide.

Response: The Division currently owns six ALPR collection units and one on-site server. This year, the regional ALPR network changed vendors from ELSAG to Vigilant. The existing ELSAG units will continue to be supported with an interface connection. These funds will purchase that interface connection along with seven to eight additional ALPR units (depending on how many are mobile verses fixed installations).

Public Works – Facilities Non-Major

AB1601 – Building Maintenance/Renovations

City Council inquired about possible upgrades in the Council Chamber’s audio/visual equipment.

Response: Staff will take next steps to identify what upgrades are needed to the Council Chamber’s AV equipment:

1. Evaluate the current projection system to see if a replacement is needed.
2. Gather a group of employees that use the system frequently to brainstorm needs/wants. IT staff and Live Technologies will then work on identifying any potential changes. Some of the challenges may be related to maintenance and monitoring of the existing system.

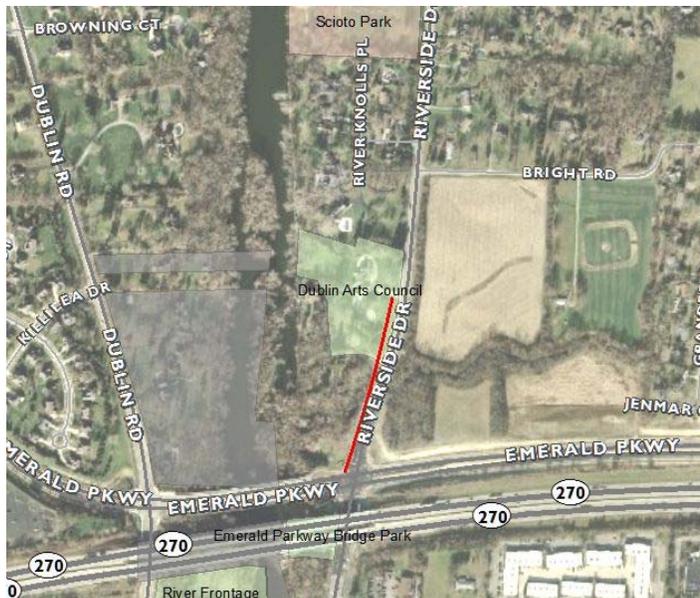
It is likely that between this project number and other IT-related capital improvement projects, there will be sufficient funds to accomplish any necessary upgrades. Should that not be the case, staff will request additional funding when appropriate.

Public Works – Transportation Non-Major

AT1604 – Annual Bikepath Connections/Additions

City Council asked about the status of constructing a shared-use path from Emerald Parkway to the Dublin Arts Council (DAC) facility on Riverside Drive.

Response: Pursuant to City Council's inquiry as to the status of the connection, staff included \$20,000 in 2019 for preliminary conceptual design of the path. Based on results of that design plan, a re-evaluation for timing of the construction can be made.



Depiction: Path from Emerald Parkway to the Dublin Art's Council facility.

Recommendation

Given the number of follow-up discussion items from the Council Workshop and the potential for additional changes based on Council discussion on September 8, 2015, staff did not prepare a final printed and spiral bound CIP document. Upon Council's approval of the 2016 – 2020 CIP, staff will compile and have printed the final document, which will be distributed to Council.

Staff recommends approval of Ordinance 54-15, adopting the 2016-2020 Capital Improvements Program at the September 8, 2015 City Council meeting.

Attachments following:

- Recent CNG Article*
- May 1, 2014 Memo - Mid-Century Neighborhood*
- Water/Sewer Extension Areas General Location Map (dated 8/3/15)*



DUBLIN VILLAGER

City: CNG snowplows are solid investment

By [JENNIFER NOBLIT](#) Wednesday, July 29, 2015 1:23 PM

Dublin added a few new snowplows to its fleet that won't be powered by the usual suspects.

The addition of four compressed-natural-gas-powered snowplows brings the city's total CNG vehicles to 63.

Dublin began converting some of its fleet in 2011 when the construction of a city-owned CNG fueling station began.

"Staff hasn't noticed any significant changes in capability of being able to do their daily jobs," said Darryl Syler, Dublin's fleet manager. "We just had two of the coldest winters on record and we experienced no problems between CNG, gas and diesel."

The city has been able to fuel up at its CNG station since June 2012 and Syler said more CNG vehicles have been added as older vehicles age out. Not all replacements are CNG, though.

"Each year, we have the five-year capital improvement budget and I go through and look at trucks or equipment that are due for replacement," Syler said. "We evaluate what its job function is and determine if we want to put a CNG vehicle in place or replace it with a gas vehicle."

"What I've done the past four years is split the fleet and buy gasoline trucks and CNG trucks. I don't want to put all my eggs into one basket," he said.

With the equivalent of a gallon of CNG costing around \$1, the city has realized savings compared with traditional gas vehicles.

"From a fuel side, we have reduced the cost of fuel on those vehicles by half," Syler said.

Maintenance of the vehicles has also been cheaper as oil changes are done every 10,000 miles instead of every 7,000.

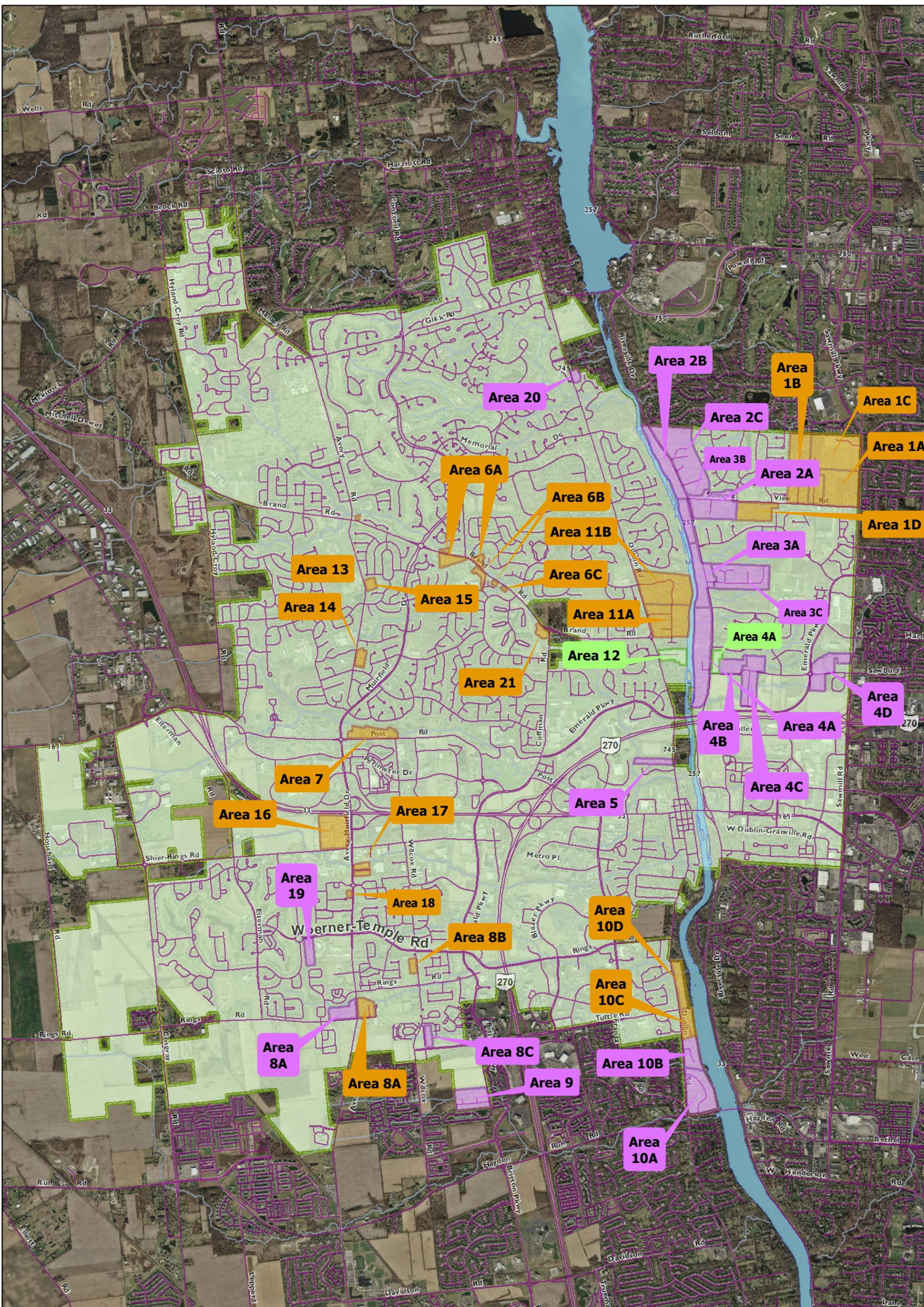
"CNG engines run cleaner," Syler said. "Our overall maintenance costs have been reduced."

CNG vehicles aren't difficult to find. The new snowplows were more costly than diesel plows, but Syler expects to save money.

"From a cost standpoint, it's a little more expensive than a diesel truck because of the technologies and what's needed for CNG, but over the long run there's a return on the investment," he said. "You will see a reduction in fuel cost."

The cost of diesel has yo-yoed in recent years and is currently down, but Syler said business at Dublin's CNG station has been decent. The station, 6351 Shier Rings Road, is open to the public; that side is run by IGS Energy.

"We've picked up considerably from three years ago when we opened," Syler said. "Through our partnership with IGS Energy, they take care of outside customers. Last year, we went through 440,000 gasoline gallon equivalents. When you equate that to diesel fuel and gasoline, that's taking a lot of carbon footprint out of the area."



**Water/Sewer Extension Areas
General Location Map
August 3, 2015**

- Utility Extension Areas**
- Sewer Only
 - Sewer and Water
 - Water Only



To: Members of Dublin City Council
From: Marsha I. Grigsby, City Manager 
Date: May 1, 2014
Initiated By: Paul A. Hammersmith, P.E., Director of Engineering/City Engineer
Re: Summary of Existing Streets without Curb and Gutter

Summary

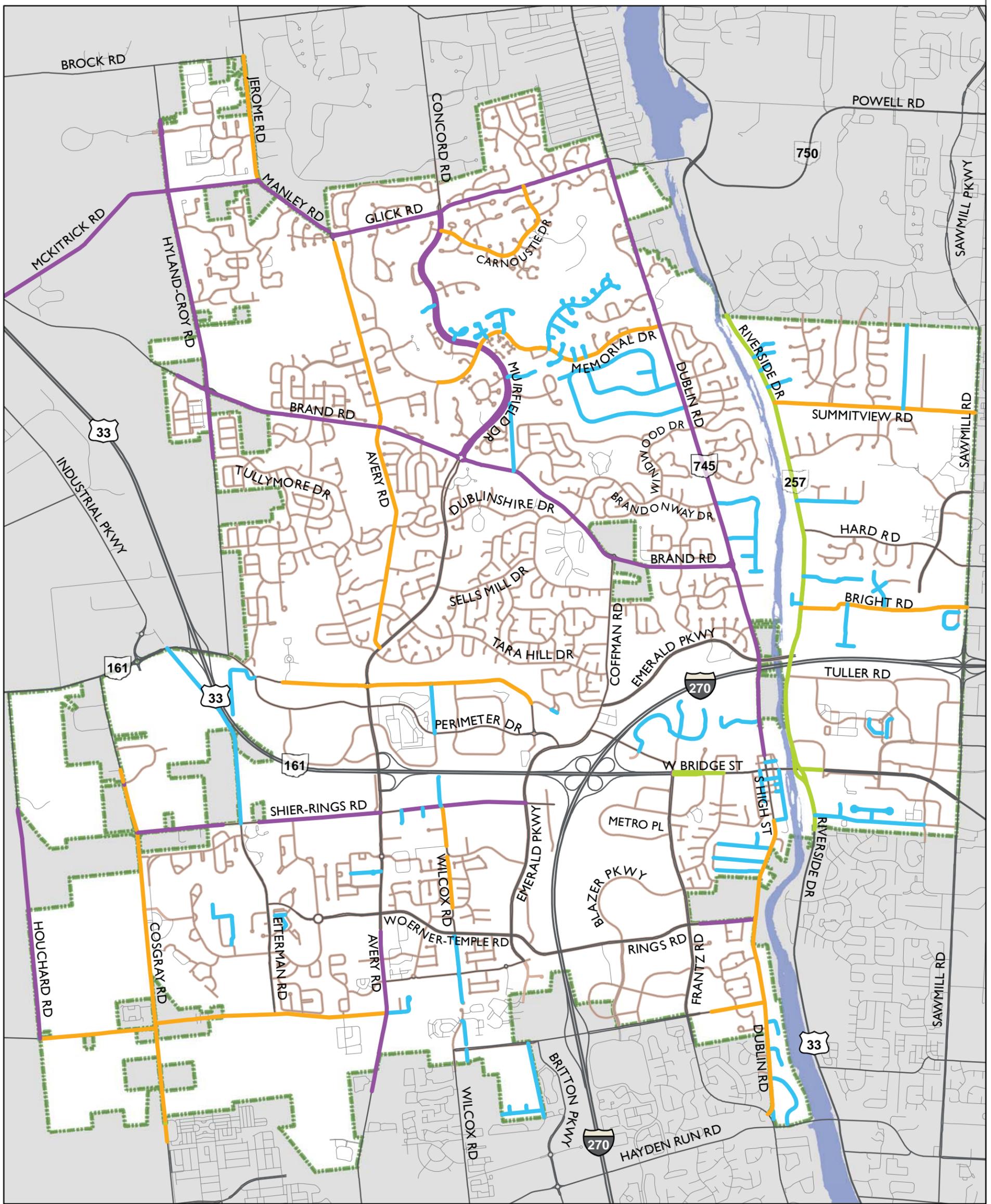
At the February 24, 2014 Council meeting, the Mid-Century Dublin Neighbors Association presented a petition that included a request for action by City Council to improve their neighborhood streets consisting of Grandview Drive, Longview Drive, Marion Street and the portion of Franklin Street extending north from Marion Street. The request was for "completion of overdue maintenance to our streets, to bring our neighborhood's roads up to par with current standards enjoyed by other residents of Dublin, including, but not limited to: resurfacing, widening, and addition of curbs." In considering this request, Council inquired as to whether "there are a significant number of other streets in the City that were built at a time when the requirements were different."

While the Muirfield area was initially identified at the Council meeting as one that has several streets without curb and gutter, staff has compiled a summary of all existing Dublin streets (and roadways) with this same condition. The attached exhibit reveals there are nearly 70 centerline miles of streets, ranging in functional classifications from major arterials to local (residential) streets, presently existing without curb and gutter. The streets that would be most comparable to the residential ones located within the Mid-Century Dublin Neighbors Association area are the "local" classification with approximately 21 miles of streets without curb and gutter.

Staff will compile information on the cost and timeframe to install curb/gutter and sidewalks on the Mid-Century Dublin Neighbors Association streets for discussion and consideration by City Council during the Capital Improvements Program work sessions in August. Additionally, staff will identify any associated right-of-way impacts to the adjacent properties, which may result from widening these neighborhood streets.

Recommendation

For information only.



CITY OF DUBLIN

EXISTING STREETS WITHOUT CURB AND GUTTER APPROXIMATELY 68.89 CENTERLINE MILES

LEGEND

Pavement Class

- Local (Residential): 21.07 Miles
- Collector: 16.97 Miles
- Major Arterial: 7.6 Miles
- Minor Arterial: 23.25 Miles

2016 – 2020
Proposed Capital Improvements Program
Proposed Projects and Funding Resources

Proposed Funded Projects

Recap by Estimated Costs	2-1
Major Projects	2-2

Funding Sources

Major and Non-major Projects by Year (Recap)	2-12
Major Projects by Year	2-13
Non-major Projects by Year	2-17
Recap of Recommended Projects, Cash Needs And Available Resources	2-18

**2016 - 2020 Proposed Capital Improvements Program
Proposed Funded Projects
Recap by Estimated Costs**

	2016	2017	2018	2019	2020	Total
Major Projects:						
Transportation	\$31,955,000	\$13,420,000	\$7,560,000	\$19,575,000	\$47,815,000	\$120,325,000
Parks	2,065,000	21,605,000	2,905,000	2,010,000	1,540,000	30,125,000
Utilities	780,000	1,420,000	3,490,000	1,750,000	3,970,000	11,410,000
Facilities	5,915,000	465,000	0	0	0	6,380,000
Other	3,925,000	4,200,000	3,770,000	3,540,000	3,430,000	18,865,000
Total	58,097,000	39,265,000	39,265,000	36,085,000	36,085,000	187,105,000
Nonmajor Projects:						
Transportation	6,345,000	6,665,000	6,400,000	6,665,000	5,990,000	32,065,000
Parks	865,000	1,105,000	805,000	1,000,000	1,080,000	4,855,000
Utilities	1,745,000	1,105,000	1,750,000	1,170,000	1,435,000	7,205,000
Facilities	645,000	390,000	210,000	130,000	130,000	1,505,000
Other	1,882,000	1,340,000	990,000	970,000	970,000	6,152,000
Total	11,482,000	10,605,000	10,155,000	9,935,000	9,605,000	51,782,000
Total Projects:						
Transportation	38,300,000	20,085,000	13,960,000	26,240,000	53,805,000	152,390,000
Parks	2,930,000	22,710,000	3,710,000	3,010,000	2,620,000	34,980,000
Utilities	2,525,000	2,525,000	5,240,000	2,920,000	5,405,000	18,615,000
Facilities	6,560,000	855,000	210,000	130,000	130,000	7,885,000
Other	5,807,000	5,540,000	4,760,000	4,510,000	4,400,000	25,017,000
Total	\$56,122,000	\$51,715,000	\$27,880,000	\$36,810,000	\$66,360,000	\$238,887,000

	Major	Non-major
City Manager's Office	5,850,000	3,625,000
Information Technology	4,800,000	1,600,000
Facilities	6,380,000	1,505,000
Fleet	7,540,000	0
Parks	30,125,000	4,855,000
Police	675,000	927,000
Sewer	7,050,000	2,165,000
Transportation	120,325,000	32,065,000
Water	3,045,000	2,185,000
Stormwater	1,315,000	2,855,000
	187,105,000	51,782,000
	238,887,000	

**2016-2020
FIVE-YEAR CAPITAL IMPROVEMENTS PROGRAM
FUNDED MAJOR PROJECTS**

PROJECT		TOTAL COST	PRIOR YEAR(S)	2015	2016	2017	2018	2019	2020	TOTAL 2016-2020
ET0103	Tuttle Crossing Boulevard Extension-Wilcox Road to Avery Road / Avery Road Widening - Tuttle Crossing Blvd. to Rings Road East, phase 1 (TIF)									0
	Architectural\Engineering fees	532,000	132,000	400,000						0
	Acquisition	1,913,000	13,000		1,900,000					1,900,000
	Construction	11,660,000						11,660,000		11,660,000
	Other Expenses (Utilities and Landscape)	1,040,000						1,040,000		1,040,000
Total	15,145,000	145,000	400,000	1,900,000	0	0	0	12,700,000	0	14,600,000
ET1601	Tuttle Crossing Boulevard Extension, phase 2 (TIF)									
	Architectural\Engineering fees	125,000				125,000				125,000
	Acquisition	0								0
	Construction	0								0
	Other Expenses (Landscape)	0								0
Total	125,000	0	0	0	125,000	0	0	0	0	125,000
ET0104	Emerald Parkway, phase 8 (TIF) (Includes a portion of Riverside Drive realignment)									
	Architectural\Engineering fees	922,000	922,000							0
	Acquisition	4,071,000	4,071,000							0
	Construction	17,885,000	8,894,000	8,991,000						0
	Other Expenses (Landscape)	314,000		314,000						0
Total	23,192,000	13,887,000	9,305,000	0	0	0	0	0	0	0
ET1119	Relocated Rings Road (Churchman Road)									
	Architectural\Engineering fees	236,000	236,000							0
	Acquisition	350,000		350,000						0
	Construction	2,250,000			2,250,000					2,250,000
	Other Expenses (Landscape)	150,000			150,000					150,000
Total	2,986,000	236,000	350,000	2,400,000	0	0	0	0	0	2,400,000
ET1402	Avery Road Widening - Rings Road West to Woerner Temple (TIF) Phase 2									
	Architectural\Engineering fees	452,000	2,000	450,000						0
	Acquisition	637,000	172,000	165,000	300,000					300,000
	Construction	7,415,000							7,415,000	7,415,000
	Other expenses (Landscape and Utilities)	560,000							560,000	560,000
Total	9,064,000	174,000	615,000	300,000	0	0	0	0	7,975,000	8,275,000
ET1301	West Innovation Park Infrastructure (Onsite)									
	Architectural\Engineering fees	214,000	214,000							0
	Acquisition	75,000		75,000						0
	Construction	1,450,000		1,450,000						0
	Other expenses (Landscape and Utilities and Fiber)	1,110,000		1,110,000						0
Total	2,849,000	214,000	2,635,000	0	0	0	0	0	0	0
ET1403	Riverside Drive Realignment (TIF)									
	Architectural\Engineering fees	805,000	720,000	85,000						0
	Acquisition	8,270,000	8,230,000	40,000						0
	Construction	2,315,000		2,315,000						0
	Other expenses (Landscape and Utilities)	705,000		705,000						0
Total	12,095,000	8,950,000	3,145,000	0	0	0	0	0	0	0
ET1405	John Shields Parkway, phase 1 (TIF)									
	Architectural\Engineering fees	125,000	115,000	10,000						0
	Acquisition	244,000	4,000	240,000						0
	Construction	1,245,000	1,150,000	95,000						0
	Other expenses	110,000	110,000							0
Total	1,724,000	1,379,000	345,000	0	0	0	0	0	0	0

**2016-2020
FIVE-YEAR CAPITAL IMPROVEMENTS PROGRAM
FUNDED MAJOR PROJECTS**

PROJECT	TOTAL COST	PRIOR YEAR(S)	2015	2016	2017	2018	2019	2020	TOTAL 2016-2020
ET1409 John Shields Parkway, phase 2 (TIF)									
Architectural\Engineering fees	550,000	0	550,000						0
Acquisition	4,615,000	4,580,000	35,000						0
Construction	10,475,000		3,175,000	7,300,000					7,300,000
Other expenses	305,000		305,000						0
Total	15,945,000	4,580,000	4,065,000	7,300,000	0	0	0	0	7,300,000
ET1701 Dale Drive Rehabilitation (TIF)									
Architectural\Engineering fees	400,000						400,000		400,000
Acquisition	0								0
Construction	0								0
Other expenses	0								0
Total	400,000	0	0	0	0	0	400,000	0	400,000
ET1527 Post Road Improvement (TIF)									
Architectural\Engineering fees	400,000						400,000		400,000
Acquisition	100,000							100,000	100,000
Construction	0								0
Other expenses (Landscape and Utilities)	0								0
Total	500,000	0	0	0	0	0	400,000	100,000	500,000
ET1411 COTA Relocation (TIF)									
Architectural\Engineering fees	256,000	131,000	125,000						0
Acquisition	0								0
Construction	850,000		850,000						0
Other expenses (Landscape)	0								0
Total	1,106,000	131,000	975,000	0	0	0	0	0	0
ET0606 Eiterman Road Relocation (TIF)									
Architectural\Engineering fees	477,000	137,000		340,000					340,000
Acquisition	0								0
Construction	2,270,000					2,270,000			2,270,000
Other expenses (Landscape and Utilities)	370,000					370,000			370,000
Total	3,117,000	137,000	0	340,000	0	2,640,000	0	0	2,980,000
ET0003 US33/SR161/Post Road Interchange									
Architectural\Engineering fees	3,383,000	3,183,000		200,000					200,000
Acquisition	36,164,000	12,439,000			125,000			23,600,000	23,725,000
Construction	886,000	886,000							0
Other expenses (Utilities)	100,000							100,000	100,000
Total	40,533,000	16,508,000	0	200,000	125,000	0	0	23,700,000	24,025,000
ET1515 Old Avery Road Relocation									
Architectural\Engineering fees	200,000				100,000		100,000		200,000
Acquisition	0								0
Construction	0								0
Other expenses	0								0
Total	200,000	0	0	0	100,000	0	100,000	0	200,000
ET1517 Shier Rings Road-Avery Road to Eiterman									
Architectural\Engineering fees	200,000				100,000		100,000		200,000
Acquisition	0								0
Construction	0								0
Other expenses	0								0
Total	200,000	0	0	0	100,000	0	100,000	0	200,000
ET1518 Hyland Croy and Post Preserve Roundabout (TIF)									
Architectural\Engineering fees	225,000				225,000				225,000
Acquisition	150,000					150,000			150,000
Construction	1,500,000						1,500,000		1,500,000
Other expenses (Landscape)	30,000						30,000		30,000
Total	1,905,000	0	0	0	225,000	150,000	1,530,000	0	1,905,000

**2016-2020
FIVE-YEAR CAPITAL IMPROVEMENTS PROGRAM
FUNDED MAJOR PROJECTS**

PROJECT		TOTAL COST	PRIOR YEAR(S)	2015	2016	2017	2018	2019	2020	TOTAL 2016-2020
ET1523	Perimeter Drive Widening - Holt Road to Commerce Parkway (TIF)									
	Architectural/Engineering fees	300,000							300,000	300,000
	Acquisition	0								0
	Construction	0								0
	Other expenses (Landscape and Utilities)	0								0
	Total	300,000	0	0	0	0	0	0	300,000	300,000
ET0902	Post Preserve Access Modification (TIF)									
	Architectural/Engineering fees	216,000	191,000	25,000						0
	Acquisition	0								0
	Construction	1,410,000			1,410,000					1,410,000
	Other expenses (Landscape and Utilities)	175,000			175,000					175,000
	Total	1,801,000	191,000	25,000	1,585,000	0	0	0	0	1,585,000
ET1602	Emerald Parkway Bridge (Scioto) Deck Overlay									
	Architectural/Engineering fees	100,000						100,000		100,000
	Acquisition	0								0
	Construction	2,500,000							2,500,000	2,500,000
	Other expenses	0								0
	Total	2,600,000	0	0	0	0	0	100,000	2,500,000	2,600,000
ET1603	Uncurbed Streets - Mid-Century Neighborhood									
	Architectural/Engineering fees	290,000			290,000					290,000
	Acquisition	140,000			140,000					140,000
	Construction	2,340,000				2,340,000				2,340,000
	Other expenses (Landscape and Utilities)	50,000				50,000				50,000
	Total	2,820,000	0	0	430,000	2,390,000	0	0	0	2,820,000
ET1604	University Boulevard Extension, phase 2 (TIF)									
	Architectural/Engineering fees	260,000			260,000					260,000
	Acquisition	0								0
	Construction	1,725,000						1,725,000		1,725,000
	Other expenses	75,000						75,000		75,000
	Total	2,060,000	0	0	260,000	0	0	1,800,000	0	2,060,000
ET1605	Riviera Hyland-Croy Connector									
	Architectural/Engineering fees	125,000				125,000				125,000
	Acquisition	150,000				150,000				150,000
	Construction	1,050,000					1,050,000			1,050,000
	Other expenses (Landscape and Utilities)	70,000					70,000			70,000
	Total	1,395,000	0	0	0	275,000	1,120,000	0	0	1,395,000
ET1606	Bridge Park Roadway System (TIF)									
	Architectural/Engineering fees	0								0
	Acquisition	0								0
	Construction	11,100,000		11,100,000						0
	Other expenses (Landscape and Utilities)	0								0
	Total	11,100,000	0	11,100,000	0	0	0	0	0	0
ET1607	Bridge Street District Program Management									
	Architectural/Engineering fees	3,075,000	410,000	1,085,000	380,000	600,000	600,000			1,580,000
	Acquisition	0								0
	Construction	2,785,000	170,000	695,000	1,920,000					1,920,000
	Other expenses (Landscape and Utilities)	0								0
	Total	5,860,000	580,000	1,780,000	2,300,000	600,000	600,000	0	0	3,500,000

**2016-2020
FIVE-YEAR CAPITAL IMPROVEMENTS PROGRAM
FUNDED MAJOR PROJECTS**

PROJECT	TOTAL COST	PRIOR YEAR(S)	2015	2016	2017	2018	2019	2020	TOTAL 2016-2020
ET1608 Bridge Park Public Infrastructure (TIF)									
Architectural/Engineering fees	0								0
Acquisition	0								0
Construction	32,000,000		32,000,000						0
Other expenses (Landscape and Utilities)	0								0
Total	32,000,000	0	32,000,000	0	0	0	0	0	0
ET1609 Graham Street - CASTO Tuller Flats Roadway System (TIF)									
Architectural/Engineering fees	0								0
Acquisition	0								0
Construction	2,340,000			2,340,000					2,340,000
Other expenses (Landscape and Utilities)	0								0
Total	2,340,000	0	0	2,340,000	0	0	0	0	2,340,000
ET1610 Historic District CM Library Street Network									
Architectural/Engineering fees	840,000	90,000	750,000						0
Acquisition	0								0
Construction	6,400,000			6,400,000					6,400,000
Other expenses (Utilities)	3,500,000		500,000	3,000,000					3,000,000
Total	10,740,000	90,000	1,250,000	9,400,000	0	0	0	0	9,400,000
ET1611 Historic District CM Library Parking Deck									
Architectural/Engineering fees	0								0
Acquisition	0								0
Construction	6,500,000				6,500,000				6,500,000
Other expenses (Utilities)	0								0
Total	6,500,000	0	0	0	6,500,000	0	0	0	6,500,000
ET1612 John Shields Parkway Bridge									
Architectural/Engineering fees	240,000	90,000	150,000						0
Acquisition	550,000							550,000	550,000
Construction	0								0
Other expenses (Utilities)	0								0
Total	790,000	90,000	150,000	0	0	0	0	550,000	550,000
ET1613 Western Roadway Alignment Study									
Architectural/Engineering fees	650,000		500,000	150,000					150,000
Acquisition	0								0
Construction	0								0
Other expenses (Utilities)	0								0
Total	650,000	0	500,000	150,000	0	0	0	0	150,000
ET1614 North Riverview Rehabilitation (Extension)									
Architectural/Engineering fees	385,000		385,000						0
Acquisition	0								0
Construction	2,000,000					2,000,000			2,000,000
Other expenses (Utilities)	0								0
Total	2,385,000	0	385,000	0	0	2,000,000	0	0	2,000,000
ET1615 Comprehensive Wayfinding System - Phased City Wide									
Architectural/Engineering fees	280,000		250,000		10,000	10,000	5,000	5,000	30,000
Acquisition	0								0
Construction	1,090,000			705,000	120,000	115,000	90,000	60,000	1,090,000
Other expenses (Utilities)	0								0
Total	1,370,000	0	250,000	705,000	130,000	125,000	95,000	65,000	1,120,000

**2016-2020
FIVE-YEAR CAPITAL IMPROVEMENTS PROGRAM
FUNDED MAJOR PROJECTS**

PROJECT		TOTAL COST	PRIOR YEAR(S)	2015	2016	2017	2018	2019	2020	TOTAL 2016-2020
ET0410	Avery-Muirfield/Perimeter Loop/Perimeter Drive (TIF)									
	Architectural\Engineering fees	1,496,000	646,000	850,000						0
	Acquisition	770,000	120,000					650,000		650,000
	Construction	9,813,000	2,313,000						7,500,000	7,500,000
	Other expenses (Landscape and Utilities)	369,000	119,000						250,000	250,000
Total	12,448,000	3,198,000	850,000	0	0	0	650,000	7,750,000	8,400,000	
ET0508	Riverside Drive/SR161 (TIF)									
	Architectural\Engineering fees	1,010,000	630,000	380,000						0
	Acquisition	5,905,000	5,360,000	545,000						0
	Construction	10,759,000	34,000	10,725,000						0
	Other expenses (Landscape and Utilities)	1,365,000	50,000	565,000	750,000					750,000
Total	19,039,000	6,074,000	12,215,000	750,000	0	0	0	0	750,000	
ET0605	Sawmill Road/Hard Road (TIF)									
	Architectural\Engineering fees	334,000	334,000							0
	Acquisition	347,000	347,000							0
	Construction	2,720,000		2,720,000						0
	Other expenses (Landscape)	10,000			10,000					10,000
Total	3,411,000	681,000	2,720,000	10,000	0	0	0	0	10,000	
ET1616	Sawmill Road Third Southbound Lane Addition									
	Architectural\Engineering fees	675,000		75,000	600,000					600,000
	Acquisition	300,000					300,000			300,000
	Construction	4,500,000							4,500,000	4,500,000
	Other expenses (Landscape and Utilities)	375,000							375,000	375,000
Total	5,850,000	0	75,000	600,000	0	300,000	0	4,875,000	5,775,000	
ET1528	Sawmill Road - Snouffer Road Intersection Improvements									
	Architectural\Engineering fees	125,000		125,000						0
	Acquisition	0								0
	Construction	0								0
	Other expenses (Landscape)	0								0
Total	125,000	0	125,000	0	0	0	0	0	0	
ET0809	Hyland Croy Road/McKittrick Road									
	Architectural\Engineering fees	180,000		180,000						0
	Acquisition	50,000		50,000						0
	Construction	1,200,000						1,200,000		1,200,000
	Other expenses (Landscape)	20,000						20,000		20,000
Total	1,450,000	0	230,000	0	0	0	1,220,000	0	1,220,000	
ET1401	I-270/US 33 Interchange Improvements, phase 1 (TIF)									
	Architectural\Engineering fees	5,817,000	5,817,000							0
	Acquisition	4,500,000	500,000	4,000,000						0
	Construction	10,363,000	1,183,000	9,180,000						0
	Other expenses (grant writing/landscape/art)	2,676,000	21,000	2,655,000						0
Total	23,356,000	7,521,000	15,835,000	0	0	0	0	0	0	
ET1525	I-270 AEP Overhead to Underground Crossing (TIF)									
	Architectural\Engineering fees	0								0
	Acquisition	0								0
	Construction	1,105,000		1,105,000						0
	Other expenses	0								0
Total	1,105,000	0	1,105,000	0	0	0	0	0	0	
ET1102	US33/SR 161/Post Road Interchange Improvements (TIF)									
	Architectural\Engineering fees	173,000	173,000							0
	Acquisition	0								0
	Construction	2,395,000		2,395,000						0
	Other expenses (Landscape and Utilities)	185,000		185,000						0
Total	2,753,000	173,000	2,580,000	0	0	0	0	0	0	

**2016-2020
FIVE-YEAR CAPITAL IMPROVEMENTS PROGRAM
FUNDED MAJOR PROJECTS**

PROJECT		TOTAL COST	PRIOR YEAR(S)	2015	2016	2017	2018	2019	2020	TOTAL 2016-2020
ET1521	Muirfield Drive/Memorial Drive Alternative Analysis									
	Architectural\Engineering fees	290,000		65,000				225,000		225,000
	Acquisition	0								0
	Construction	0								0
	Other expenses (Utilities)	0								0
	Total	290,000	0	65,000	0	0	0	225,000	0	225,000
ET1302	SR 161/Hyland-Croy Road Temporary Intersection Improvement (TIF)									
	Architectural\Engineering fees	40,000		40,000						0
	Acquisition	0								0
	Construction	300,000					300,000			300,000
	Other expenses	0								0
	Total	340,000	0	40,000	0	0	300,000	0	0	300,000
ET1406	Avery Road/Brand Road Roundabout (TIF)									
	Architectural\Engineering fees	330,000		50,000	280,000					280,000
	Acquisition	75,000			75,000					75,000
	Construction	1,800,000				1,800,000				1,800,000
	Other expenses	335,000				335,000				335,000
	Total	2,540,000	0	50,000	355,000	2,135,000	0	0	0	2,490,000
ET1524	US33/SR161/Frantz Road Intersection									
	Architectural\Engineering fees	500,000			250,000		250,000			500,000
	Acquisition	0								0
	Construction	0								0
	Other expenses	0								0
	Total	500,000	0	0	250,000	0	250,000	0	0	500,000
ET1203	Dublin Road South Shared Use Path Connection									
	Architectural\Engineering fees	308,000	308,000							0
	Acquisition	189,000	189,000							0
	Construction	2,315,000	735,000	1,580,000						0
	Other expenses (Landscape)	5,000		5,000						0
	Total	2,817,000	1,232,000	1,585,000	0	0	0	0	0	0
ET1204	Glick Road Shared Use Path Connection, sections 1 and 3									
	Architectural\Engineering fees	1,004,000	764,000	240,000						0
	Acquisition	112,000	57,000	50,000	5,000					5,000
	Construction	1,495,000	870,000	400,000	225,000					225,000
	Other expenses (Landscape and Utilities)	30,000	5,000	15,000	10,000					10,000
	Total	2,641,000	1,696,000	705,000	240,000	0	0	0	0	240,000
ET1617	Perimeter Drive Shared Use Path - Avery-Muirfield to Holt (TIF)									
	Architectural\Engineering fees	100,000		100,000						0
	Acquisition	0								0
	Construction	0								0
	Other expenses (Landscape and Utilities)	0								0
	Total	100,000	0	100,000	0	0	0	0	0	0
ET1618	Rings Road - Frantz Road to Dublin Road Shared Use Path (TIF)									
	Architectural\Engineering fees	70,000		70,000						0
	Acquisition	30,000			30,000					30,000
	Construction	400,000				400,000				400,000
	Other expenses (Landscape)	5,000				5,000				5,000
	Total	505,000	0	70,000	30,000	405,000	0	0	0	435,000

**2016-2020
FIVE-YEAR CAPITAL IMPROVEMENTS PROGRAM
FUNDED MAJOR PROJECTS**

PROJECT		TOTAL COST	PRIOR YEAR(S)	2015	2016	2017	2018	2019	2020	TOTAL 2016-2020
ET1619	Riverside Drive East Shared Use Path									
	Architectural/Engineering fees	75,000			75,000					75,000
	Acquisition	0								0
	Construction	0								0
	Other expenses (Landscape)	0								0
	Total	75,000	0	0	75,000	0	0	0	0	75,000
ET1620	Shier Rings Road Shared Use Path - Eiterman to Cosgray									
	Architectural/Engineering fees	30,000				30,000				30,000
	Acquisition	75,000					75,000			75,000
	Construction	210,000						210,000		210,000
	Other expenses (Landscape)	45,000						45,000		45,000
	Total	360,000	0	0	0	30,000	75,000	255,000	0	360,000
ET1621	Concord Road Shared Use Path									
	Architectural/Engineering fees	80,000		80,000						0
	Acquisition	30,000			30,000					30,000
	Construction	260,000				260,000				260,000
	Other expenses (Landscape and Utilities)	25,000			5,000	20,000				25,000
	Total	395,000	0	80,000	35,000	280,000	0	0	0	315,000
	Total Transportation	257,397,000	67,867,000	107,705,000	31,955,000	13,420,000	7,560,000	19,575,000	47,815,000	120,325,000

**2016-2020
FIVE-YEAR CAPITAL IMPROVEMENTS PROGRAM
FUNDED MAJOR PROJECTS**

PROJECT		TOTAL COST	PRIOR YEAR(S)	2015	2016	2017	2018	2019	2020	TOTAL 2016-2020
GR9901	Darree Fields Park Development									
	Architectural/Engineering fees	618,000	578,000		40,000					40,000
	Acquisition	552,000	552,000							0
	Construction	5,416,000	4,716,000	660,000	40,000					40,000
	Other expenses	75,000	75,000							0
	Total	6,661,000	5,921,000	660,000	80,000	0	0	0	0	80,000
GR9903	Amberleigh Community Park Development									
	Architectural/Engineering fees	259,000	184,000						75,000	75,000
	Acquisition	732,000	732,000							0
	Construction	1,717,000	1,717,000							0
	Other expenses	0	0							0
	Total	2,708,000	2,633,000	0	0	0	0	0	75,000	75,000
GR9904	Emerald Fields Park Development									
	Architectural/Engineering fees	250,000	195,000		55,000					55,000
	Acquisition	1,220,000	1,220,000							0
	Construction	3,970,000	3,745,000			225,000				225,000
	Other expenses	0	0							0
	Total	5,440,000	5,160,000	0	55,000	225,000	0	0	0	280,000
GR9902	Coffman Park Expansion									
	Architectural/Engineering fees	575,000	480,000		95,000					95,000
	Acquisition	0	0							0
	Construction	6,343,000	2,458,000	2,900,000		985,000				985,000
	Other expenses (Landscape)	62,000	62,000							0
	Total	6,980,000	3,000,000	2,900,000	95,000	985,000	0	0	0	1,080,000
GR1114	Holder-Wright Farm and Earthworks									
	Architectural/Engineering fees	230,000	130,000	100,000						0
	Acquisition	1,500,000	1,500,000							0
	Construction	1,418,000	293,000		1,125,000					1,125,000
	Other expenses	0	0							0
	Total	3,148,000	1,923,000	100,000	1,125,000	0	0	0	0	1,125,000
GR1302	Scioto River Pedestrian Bridge									
	Architectural/Engineering fees	2,503,000	3,000	2,500,000						0
	Acquisition	725,000	725,000							0
	Construction	19,210,000				19,210,000				19,210,000
	Other expenses	0	0							0
	Total	22,438,000	728,000	2,500,000	0	19,210,000	0	0	0	19,210,000
GR1303	Riverside Park									
	Architectural/Engineering fees	2,505,000		1,055,000	130,000	300,000	600,000	300,000	120,000	1,450,000
	Acquisition	2,400,000	2,400,000							0
	Construction	7,275,000		450,000	580,000	885,000	2,305,000	1,710,000	1,345,000	6,825,000
	Other expenses	0	0							0
	Total	12,180,000	2,400,000	1,505,000	710,000	1,185,000	2,905,000	2,010,000	1,465,000	8,275,000
AL1601	Parkland Acquisition									
	Acquisition	3,250,000		650,000	650,000	650,000	650,000	650,000	650,000	3,250,000
	Total	3,250,000	0	650,000	650,000	650,000	650,000	650,000	650,000	3,250,000
Total Parks		62,805,000	21,765,000	8,315,000	2,715,000	22,255,000	3,555,000	2,660,000	2,190,000	33,375,000

**2016-2020
FIVE-YEAR CAPITAL IMPROVEMENTS PROGRAM
FUNDED MAJOR PROJECTS**

PROJECT		TOTAL COST	PRIOR YEAR(S)	2015	2016	2017	2018	2019	2020	TOTAL 2016-2020
ES0701	Sewer Lining and Repair									
	Architectural\Engineering fees	0								0
	Acquisition	0								0
	Construction	10,501,000	6,901,000	2,100,000			1,500,000			1,500,000
	Other expenses	0								0
	Total	10,501,000	6,901,000	2,100,000	0	0	1,500,000	0	0	1,500,000
ES1602	Sewer Line Extensions									
	Architectural\Engineering fees	115,000			115,000					115,000
	Acquisition	0								0
	Construction	1,965,000				460,000	805,000	700,000	2,935,000	4,900,000
	Other expenses	0								0
	Total	2,080,000	0	0	115,000	460,000	805,000	700,000	2,935,000	5,015,000
ES1603	Deer Run Sewer Upsizing									
	Architectural\Engineering fees	75,000		75,000						0
	Acquisition	30,000			30,000					30,000
	Construction	505,000			505,000					505,000
	Other expenses	0								0
	Total	610,000	0	75,000	535,000	0	0	0	0	535,000
EW1101	Rings Road Waterline (Churchman Road)									
	Architectural\Engineering fees	65,000			65,000					65,000
	Acquisition	15,000			15,000					15,000
	Construction	650,000				650,000				650,000
	Other expenses	0								0
	Total	730,000	0	0	80,000	650,000	0	0	0	730,000
EW1601	Water Line Extensions									
	Architectural\Engineering fees	35,000			35,000					35,000
	Acquisition	0								0
	Construction	1,590,000				140,000	700,000	750,000	555,000	2,145,000
	Other expenses	0								0
	Total	1,625,000	0	0	35,000	140,000	700,000	750,000	555,000	2,180,000
EW1602	Tuswell Drive Waterline									
	Architectural\Engineering fees	15,000			15,000					15,000
	Acquisition	0								0
	Construction	100,000				100,000				100,000
	Other expenses	20,000				20,000				20,000
	Total	135,000	0	0	15,000	120,000	0	0	0	135,000
EF0201	Stormwater Improvements									
	Architectural\Engineering fees	680,000	545,000			50,000	30,000	55,000	65,000	200,000
	Acquisition	57,000	32,000	25,000					30,000	30,000
	Construction	3,430,000	2,260,000	470,000			455,000	245,000	385,000	1,085,000
	Other expenses	0								0
	Total	4,167,000	2,837,000	495,000	0	50,000	485,000	300,000	480,000	1,315,000
	Total Utilities	19,848,000	9,738,000	2,670,000	780,000	1,420,000	3,490,000	1,750,000	3,970,000	11,410,000

**2016-2020
FIVE-YEAR CAPITAL IMPROVEMENTS PROGRAM
FUNDED MAJOR PROJECTS**

PROJECT		TOTAL COST	PRIOR YEAR(S)	2015	2016	2017	2018	2019	2020	TOTAL 2016-2020
AB0601	Municipal Facilities									
	Architectural/Engineering fees	325,000		325,000						0
	Acquisition	0								0
	Construction	17,070,000		10,740,000	5,865,000	465,000				6,330,000
	Other expenses (Wayfinding)	50,000			50,000					50,000
	Total	17,445,000	0	11,065,000	5,915,000	465,000	0	0	0	6,380,000
	Total Facilities	17,445,000	0	11,065,000	5,915,000	465,000	0	0	0	6,380,000
AI1601	Computer Hardware/Software									
	Equipment	5,050,000		1,200,000	1,000,000	950,000	950,000	950,000	950,000	4,800,000
	Total	5,050,000	0	1,200,000	1,000,000	950,000	950,000	950,000	950,000	4,800,000
PP1601	Next Gen 911 Upgrade									
	Equipment	675,000				675,000				675,000
	Total	675,000	0	0	0	675,000	0	0	0	675,000
EW1401	Allocation for Water Extensions									
	Other expenses	1,000,000		200,000	200,000	200,000	200,000	200,000	200,000	1,000,000
	Total	1,000,000	0	200,000	200,000	200,000	200,000	200,000	200,000	1,000,000
ES1402	Allocation for Sewer Extensions									
	Other expenses	1,400,000		200,000	200,000	200,000	400,000	400,000	400,000	1,600,000
	Total	1,400,000	0	200,000	200,000	200,000	400,000	400,000	400,000	1,600,000
AV1601	Fleet Management Program									
	Vehicles	5,895,000		1,465,000	1,140,000	1,120,000	1,125,000	1,045,000	1,000,000	5,430,000
AV1603	Equipment	2,255,000		375,000	735,000	405,000	445,000	295,000	230,000	2,110,000
	Total	8,150,000	0	1,840,000	1,875,000	1,525,000	1,570,000	1,340,000	1,230,000	7,540,000
	Total Others	16,275,000	0	3,440,000	3,275,000	3,550,000	3,120,000	2,890,000	2,780,000	15,615,000
Grand Totals		\$373,770,000	\$99,370,000	\$133,195,000	\$44,640,000	\$41,110,000	\$17,725,000	\$26,875,000	\$56,755,000	\$187,105,000

9/8/2015

**2016 - 2020 Proposed Capital Improvements Program
Funding Sources for Major and Nonmajor Projects by Year**

Funding Sources	2016	2017	2018	2019	2020	Totals 2016 - 2020	Percent
Major projects:							
Total Cash/Income Tax Revenue	\$ 11,620,500	\$ 12,625,000	\$ 4,640,000	\$ 5,250,000	\$ 6,440,000	\$ 40,575,500	21.69%
Tax Increment Financing (TIF Fund)	5,080,000	3,015,000	700,000	7,020,000	100,000	15,915,000	8.51%
Tax Increment Financing (Advance):	900,000	275,000	1,120,000	3,460,000	300,000	6,055,000	3.24%
Debt (Income Tax Funded)	13,510,000	21,895,000	4,905,000	2,010,000	30,040,000	72,360,000	38.67%
Debt (TIF Funded)	9,640,000	-	2,640,000	-	15,725,000	28,005,000	14.97%
Debt (Utility Funded)	535,000	460,000	2,305,000	700,000	2,935,000	6,935,000	3.71%
Property taxes	650,000	650,000	650,000	650,000	650,000	3,250,000	1.74%
Utilities	270,000	1,385,000	750,000	750,000	565,000	3,720,000	1.99%
Other	2,434,500	805,000	15,000	7,035,000	-	10,289,500	5.50%
Total funding sources-Major projects	\$ 44,640,000	\$ 41,110,000	\$ 17,725,000	\$ 26,875,000	\$ 56,755,000	\$ 187,105,000	100.00%
Nonmajor projects:							
Total Cash/Income Tax Revenue	\$ 9,977,000	\$ 9,990,000	\$ 8,575,000	\$ 8,840,000	\$ 8,190,000	\$ 45,572,000	88.01%
Tax Increment Financing (TIF Fund)	205,000	-	40,000	450,000	150,000	845,000	1.63%
Debt (Utility Funded)	-	-	370,000	300,000	-	670,000	1.29%
Utilities	1,185,000	545,000	805,000	295,000	850,000	3,680,000	7.11%
Other	115,000	70,000	365,000	50,000	415,000	1,015,000	1.96%
Total funding sources-Nonmajor projects	\$ 11,482,000	\$ 10,605,000	\$ 10,155,000	\$ 9,935,000	\$ 9,605,000	\$ 51,782,000	100.00%
Total Funding Sources:							
Total Cash/Income Tax Revenue	\$ 21,597,500	\$ 22,615,000	\$ 13,215,000	\$ 14,090,000	\$ 14,630,000	\$ 86,147,500	36.06%
Tax Increment Financing (TIF Fund)	5,285,000	3,015,000	740,000	7,470,000	250,000	16,760,000	7.02%
Tax Increment Financing (Advance):	900,000	275,000	1,120,000	3,460,000	300,000	6,055,000	2.53%
Debt (Income Tax Funded)	13,510,000	21,895,000	4,905,000	2,010,000	30,040,000	72,360,000	30.29%
Debt (TIF Funded)	9,640,000	-	2,640,000	-	15,725,000	28,005,000	11.72%
Debt (Utility Funded)	535,000	460,000	2,675,000	1,000,000	2,935,000	7,605,000	3.18%
Property taxes	650,000	650,000	650,000	650,000	650,000	3,250,000	1.36%
Utilities	1,455,000	1,930,000	1,555,000	1,045,000	1,415,000	7,400,000	3.10%
Other	2,549,500	875,000	380,000	7,085,000	415,000	11,304,500	4.73%
Total Funding Sources	\$ 56,122,000	\$ 51,715,000	\$ 27,880,000	\$ 36,810,000	\$ 66,360,000	\$ 238,887,000	100.00%

**2016 - 2020 Proposed Capital Improvements Program
Funding Sources for Major Projects by Year**

Funding Sources	2016	2017	2018	2019	2020	Totals 2016-2020
Cash/Income Tax Revenue:						
Transportation -						
Hyland-Croy/McKittrick Road Roundabout	\$ -	\$ -	\$ -	\$ 1,220,000	\$ -	\$ 1,220,000
Bridge Street District Program Management	2,300,000	600,000	600,000	-	-	3,500,000
Old Avery Road Relocation	-	100,000	-	100,000	-	200,000
Shier Rings Road - Avery Road to Eiterman Road	-	100,000	-	100,000	-	200,000
John Shields Parkway Bridge	-	-	-	-	550,000	550,000
Western Roadway Alignment Study	150,000	-	-	-	-	150,000
Uncurbed Streets - Mid-Century Neighborhood	430,000	2,390,000	-	-	-	2,820,000
Wayfinding	705,000	130,000	125,000	95,000	65,000	1,120,000
Emerald Bridge Deck Overlay	-	-	-	100,000	2,500,000	2,600,000
Muirfield Drive/Memorial Drive	-	-	-	225,000	-	225,000
Sawmill Road - 3rd Southbound Lane Addition	600,000	-	300,000	-	-	900,000
Shared Use Path Connections	350,000	210,000	75,000	255,000	-	890,000
Total Transportation	\$ 4,535,000	\$ 3,530,000	\$ 1,100,000	\$ 2,095,000	\$ 3,115,000	\$ 14,375,000
Parks -						
Darree Fields	\$ 80,000	\$ -	\$ -	\$ -	\$ -	\$ 80,000
Amberleigh Park	-	-	-	-	75,000	75,000
Pedestrian Bridge	-	5,000,000	-	-	-	5,000,000
Emerald Fields (NE Quad Park)	55,000	225,000	-	-	-	280,000
Coffman Park expansion	95,000	985,000	-	-	-	1,080,000
Holder-Wright Earthworks	1,125,000	-	-	-	-	1,125,000
Total Parks	\$ 1,355,000	\$ 6,210,000	\$ -	\$ -	\$ 75,000	\$ 7,640,000
Utilities -						
Stormwater	\$ -	\$ 50,000	\$ 485,000	\$ 300,000	\$ 480,000	\$ 1,315,000
Total Utilities	\$ -	\$ 50,000	\$ 485,000	\$ 300,000	\$ 480,000	\$ 1,315,000
Facilities -						
Municipal Facilities	\$ 2,515,000	\$ 465,000	\$ -	\$ -	\$ -	\$ 2,980,000
Total Facilities	\$ 2,515,000	\$ 465,000	\$ -	\$ -	\$ -	\$ 2,980,000
Other Projects -						
Computer Hardware and Software	\$ 965,500	\$ 920,000	\$ 885,000	\$ 940,000	\$ 940,000	\$ 4,650,500
Fleet Management Program	1,850,000	1,050,000	1,570,000	1,315,000	1,230,000	7,015,000
Transfer to Water Fund (Allocation for Extensions)	200,000	200,000	200,000	200,000	200,000	1,000,000
Transfer to Sewer Fund (Allocation for Extensions)	200,000	200,000	400,000	400,000	400,000	1,600,000
Total Other Projects	\$ 3,215,500	\$ 2,370,000	\$ 3,055,000	\$ 2,855,000	\$ 2,770,000	\$ 14,265,500
Total Cash/Income Tax Revenue	\$ 11,620,500	\$ 12,625,000	\$ 4,640,000	\$ 5,250,000	\$ 6,440,000	\$ 40,575,500

**2016 - 2020 Proposed Capital Improvements Program
Funding Sources for Major Projects by Year**

Funding Sources	2016	2017	2018	2019	2020	Totals 2016-2020
Tax Increment Financing (TIF Funds):						
Transportation -						
Tuttle Crossing Blvd Ext - Wilcox Rd to Avery Rd	\$ 1,900,000	\$ -	\$ -	\$ 4,040,000	\$ -	\$ 5,940,000
Avery Road/Brand Road Roundabout	355,000	2,135,000	-	-	-	2,490,000
US33/SR161/Frantz Road Intersection	250,000	-	250,000	-	-	500,000
Dale Drive Rehabilitation	-	-	-	400,000	-	400,000
Avery-Muirfield/Perimeter Loop/Perimeter Drive	-	-	-	650,000	-	650,000
US 33/SR 161/Post Road Interchange	200,000	125,000	-	-	-	325,000
Sawmill Road/Hard Road Intersection	10,000	-	-	-	-	10,000
Hyland Croy/Post Preserve Roundabout	-	225,000	150,000	1,530,000	-	1,905,000
Tuttle Crossing Extension - Phase 2	-	125,000	-	-	-	125,000
Post Road Improvements	-	-	-	400,000	100,000	500,000
Post Preserve Access Modification	1,585,000	-	-	-	-	1,585,000
Riverside Drive/SR 161	750,000	-	-	-	-	750,000
SR 161/Hyland-Croy Road Temporary Intersection	-	-	300,000	-	-	300,000
Shared Use Path Connections - Rings Road	30,000	405,000	-	-	-	435,000
Total Transportation	\$ 5,080,000	\$ 3,015,000	\$ 700,000	\$ 7,020,000	\$ 100,000	\$ 15,915,000
Tax Increment Financing (Advance):						
Transportation-						
Tuttle Crossing Blvd Ext - Wilcox Rd to Avery Rd	\$ -	\$ -	\$ -	\$ 1,660,000	\$ -	\$ 1,660,000
Avery Road Widening (Woerner Temple Rd to Rings Rd East)	300,000	-	-	-	-	300,000
Eiterman Road Relocation	340,000	-	-	-	-	340,000
Perimeter Widening - Holt Road to Commerce Parkway	-	-	-	-	300,000	300,000
University Boulevard Extension - Phase 2	260,000	-	-	1,800,000	-	2,060,000
Hyland Croy Connector	-	275,000	1,120,000	-	-	1,395,000
Total Transportation	\$ 900,000	\$ 275,000	\$ 1,120,000	\$ 3,460,000	\$ 300,000	\$ 6,055,000
Total Tax Increment Financing	\$ 5,980,000	\$ 3,290,000	\$ 1,820,000	\$ 10,480,000	\$ 400,000	\$ 21,970,000

**2016 - 2020 Proposed Capital Improvements Program
Funding Sources for Major Projects by Year**

Funding Sources	2016	2017	2018	2019	2020	Totals 2016-2020
Debt:						
Income Tax Funded						
Transportation -						
CML Parking Garage	\$ -	\$ 6,500,000	\$ -	\$ -	\$ -	\$ 6,500,000
CML/Historic Dublin Street Network	9,400,000	-	-	-	-	9,400,000
North Riverview Rehabilitation	-	-	2,000,000	-	-	2,000,000
Sawmill Road - 3rd Southbound Lane Addition	-	-	-	-	4,875,000	4,875,000
US 33/SR 161/Post Road Interchange	-	-	-	-	23,700,000	23,700,000
Total Transportation	\$ 9,400,000	\$ 6,500,000	\$ 2,000,000	\$ -	\$ 28,575,000	\$ 46,475,000
Parks -						
Scioto River Pedestrian Bridge	\$ -	\$ 14,210,000	\$ -	\$ -	\$ -	\$ 14,210,000
Riverside Drive Park	710,000	1,185,000	2,905,000	2,010,000	1,465,000	8,275,000
Total Parks	\$ 710,000	\$ 15,395,000	\$ 2,905,000	\$ 2,010,000	\$ 1,465,000	\$ 22,485,000
Facilities -						
Building Renovations: Service Center	\$ 3,400,000	\$ -	\$ -	\$ -	\$ -	\$ 3,400,000
Total Facilities	\$ 3,400,000	\$ -	\$ -	\$ -	\$ -	\$ 3,400,000
Total Debt - Income Tax Funded	\$ 13,510,000	\$ 21,895,000	\$ 4,905,000	\$ 2,010,000	\$ 30,040,000	\$ 72,360,000
TIF Funded						
Transportation -						
Avery Road Widening (Woerner Temple Rd to Rings Rd East)	\$ -	\$ -	\$ -	\$ -	\$ 7,975,000	\$ 7,975,000
John Shields Parkway Phase II	7,300,000	-	-	-	-	7,300,000
Eiterman Road Relocation	-	-	2,640,000	-	-	2,640,000
Graham Street - Casto Tuller Flats	2,340,000	-	-	-	-	2,340,000
Avery-Muirfield/Perimeter Loop/Perimeter Drive	-	-	-	-	7,750,000	7,750,000
Total Transportation	\$ 9,640,000	\$ -	\$ 2,640,000	\$ -	\$ 15,725,000	\$ 28,005,000
Total Debt - TIF Funded	\$ 9,640,000	\$ -	\$ 2,640,000	\$ -	\$ 15,725,000	\$ 28,005,000
Utility Funded						
Sewer -						
Deer Run Sanitary Improvements	\$ 535,000	\$ -	\$ -	\$ -	\$ -	\$ 535,000
Sewer Lining & Repair	-	-	1,500,000	-	-	1,500,000
Sewer Extensions	-	460,000	805,000	700,000	2,935,000	4,900,000
Total Debt - Utility Funded	\$ 535,000	\$ 460,000	\$ 2,305,000	\$ 700,000	\$ 2,935,000	\$ 6,935,000
Total Debt	\$ 23,685,000	\$ 22,355,000	\$ 9,850,000	\$ 2,710,000	\$ 48,700,000	\$ 107,300,000

**2016 - 2020 Proposed Capital Improvements Program
Funding Sources for Major Projects by Year**

Funding Sources	2016	2017	2018	2019	2020	Totals 2016-2020
Property Taxes:						
Parks -						
Parkland Acquisition	\$ 650,000	\$ 650,000	\$ 650,000	\$ 650,000	\$ 650,000	\$ 3,250,000
Total Property Taxes	\$ 650,000	\$ 3,250,000				
Utilities:						
Water -						
Tuswell Drive waterline	\$ 15,000	\$ 120,000	\$ -	\$ -	\$ -	\$ 135,000
Rings Road waterline	80,000	650,000	-	-	-	730,000
Water extensions	35,000	140,000	700,000	750,000	555,000	2,180,000
Total Water	\$ 130,000	\$ 910,000	\$ 700,000	\$ 750,000	\$ 555,000	\$ 3,045,000
Sewer -						
Sewer Extensions	115,000	-	-	-	-	115,000
Computer Hardware and Software	25,000	-	50,000	-	10,000	85,000
Fleet Management Program	-	475,000	-	-	-	475,000
Total Sewer	\$ 140,000	\$ 475,000	\$ 50,000	\$ -	\$ 10,000	\$ 675,000
Total Utilities	\$ 270,000	\$ 1,385,000	\$ 750,000	\$ 750,000	\$ 565,000	\$ 3,720,000
Other						
Transportation-						
Tuttle Crossing Blvd Ext - Wilcox Rd to Avery Rd	\$ -	\$ -	\$ -	\$ 7,000,000	\$ -	\$ 7,000,000
Relocated Rings (Churchman Road)	300,000	-	-	-	-	300,000
Relocated Rings (Churchman Road)	2,100,000	-	-	-	-	2,100,000
Shared Use Path Connections - Concord Road	-	100,000	-	-	-	100,000
Total Transportation	\$ 2,400,000	\$ 100,000	\$ -	\$ 7,000,000	\$ -	\$ 9,500,000
Other Projects -						
Fleet Management Program	\$ 25,000	\$ -	\$ -	\$ 25,000	\$ -	\$ 50,000
Computer Hardware and Software	9,500	30,000	15,000	10,000	-	64,500
Police - NextGen 911 Upgrade	-	675,000	-	-	-	675,000
Total Other Projects	\$ 34,500	\$ 705,000	\$ 15,000	\$ 35,000	\$ -	\$ 789,500
Total Other	\$ 2,434,500	\$ 805,000	\$ 15,000	\$ 7,035,000	\$ -	\$ 10,289,500
Total 2016-2020 CIP	\$ 44,640,000	\$ 41,110,000	\$ 17,725,000	\$ 26,875,000	\$ 56,755,000	\$ 187,105,000

**2016 - 2020 Proposed Capital Improvements Program
Funding Sources for Nonmajor Projects by Year**

Funding Sources	2016	2017	2018	2019	2020	Totals 2016-2020
Cash / Income Tax Revenue:						
Administration	\$ 1,835,000	\$ 1,460,000	\$ 1,180,000	\$ 1,100,000	\$ 1,100,000	\$ 6,675,000
Parks and Recreation ¹	850,000	1,060,000	400,000	500,000	515,000	3,325,000
Police	662,000	245,000	20,000	-	-	927,000
Transportation	6,070,000	6,665,000	6,400,000	6,665,000	5,990,000	31,790,000
Stormwater	560,000	560,000	575,000	575,000	585,000	2,855,000
Total Cash / Income Tax Revenue	\$ 9,977,000	\$ 9,990,000	\$ 8,575,000	\$ 8,840,000	\$ 8,190,000	\$ 45,572,000
Tax Increment Financing (TIF Fund):						
Parks and Recreation	\$ -	\$ -	\$ 40,000	\$ 450,000	\$ 150,000	\$ 640,000
Transportation	205,000	-	-	-	-	205,000
Total Tax Increment Financing	\$ 205,000	\$ -	\$ 40,000	\$ 450,000	\$ 150,000	\$ 845,000
Other Funds:						
Administration - Hotel/Motel Tax	\$ 30,000	\$ 25,000	\$ -	\$ -	\$ -	\$ 55,000
Parks - Hotel/Motel Tax ¹	15,000	45,000	365,000	50,000	415,000	890,000
Parks - Cemetery ¹	-	-	-	-	-	-
Transportation - State Highway	70,000	-	-	-	-	70,000
Total Other funds	\$ 115,000	\$ 70,000	\$ 365,000	\$ 50,000	\$ 415,000	\$ 1,015,000
Utilities:						
Sewer	\$ 320,000	\$ 475,000	\$ 225,000	\$ 225,000	\$ 250,000	\$ 1,495,000
Sewer - Debt	-	-	370,000	300,000	-	670,000
Water	865,000	70,000	580,000	70,000	600,000	2,185,000
Total Utilities	\$ 1,185,000	\$ 545,000	\$ 1,175,000	\$ 595,000	\$ 850,000	\$ 4,350,000
Total 2016-2020 CIP						-
Less:						
Utilities	(1,185,000)	(545,000)	(1,175,000)	(595,000)	(850,000)	(4,350,000)
Total - Sources Other Than Utilities	10,297,000	10,060,000	8,980,000	9,340,000	8,755,000	47,432,000

2016 - 2020 Proposed Capital Improvements Program
 Recap of Recommended Projects, Cash Needs and Available Resources
 (Income tax supported - excludes other sources of revenue)

RECOMMENDED PROJECTS

Project Description	2016	2017	2018	2019	2020
Nonmajor Projects:					
Administration	\$ 1,865,000	\$ 1,485,000	\$ 1,180,000	\$ 1,100,000	\$ 1,100,000
Parks	865,000	1,105,000	805,000	1,000,000	1,080,000
Police	662,000	245,000	20,000	-	-
Transportation	6,345,000	6,665,000	6,400,000	6,665,000	5,990,000
Stormwater	560,000	560,000	575,000	575,000	585,000
Total Nonmajor	10,297,000	10,060,000	8,980,000	9,340,000	8,755,000
Major Projects:					
Administration:					
Computer Hardware/Software	1,000,000	950,000	950,000	950,000	950,000
Municipal Facilities	5,915,000	465,000	-	-	-
Fleet Management Program	1,875,000	1,525,000	1,570,000	1,340,000	1,230,000
Parks & Recreation:					
Darree Fields Development	80,000	-	-	-	-
Amerleigh Community Park	-	-	-	-	75,000
Emerald Fields (NE Quad Park)	55,000	225,000	-	-	-
Coffman Park Expansion	95,000	985,000	-	-	-
Holder-Wright Earthworks	1,125,000	-	-	-	-
Scioto River Pedestrian Bridge	-	19,210,000	-	-	-
Riverside Park	710,000	1,185,000	2,905,000	2,010,000	1,465,000
Water & Sewer					
Allocation for Water Extensions	200,000	200,000	200,000	200,000	200,000
Allocation for Sewer Extensions	200,000	200,000	400,000	400,000	400,000
Police:					
NextGen 911 Upgrade	-	675,000	-	-	-
Transportation:					
Tuttle Crossing Extension	1,900,000	-	-	12,700,000	-
Relocated Rings Road (Churchman Road)	2,400,000	-	-	-	-
Avery Road Widening (Rings Rd. West to Woerner Temple Rd.)	300,000	-	-	-	7,975,000
Dale Drive Rehabilitation	-	-	-	400,000	-
John Shields Parkway Phase II	7,300,000	-	-	-	-
COTA Relocation	-	-	-	-	-
Eiterman Road Relocation	340,000	-	2,640,000	-	-
Cosgray Road Improvements	-	-	-	-	-
Old Avery Road Relocation	-	100,000	-	100,000	-
Shier Rings Road - Avery to Eiterman Road	-	100,000	-	100,000	-
Perimeter Widening - Holt Road to Commerce Parkway	-	-	-	-	300,000
Emerald Parkway Bridge Overlay	-	-	-	100,000	2,500,000
Uncurbed Streets - Mid-Centruy Neighborhood	430,000	2,390,000	-	-	-
University Blvd. Extension - Phase 2	260,000	-	-	1,800,000	-
Hyland Croy Connector - Riviera	-	275,000	1,120,000	-	-
Bridge Street District Program Management	2,300,000	600,000	600,000	-	-
Graham Street, Tuller Flats Roadway Network	2,340,000	-	-	-	-
Historic Dublin CML Street Network	9,400,000	-	-	-	-
CML Parking Garage	-	6,500,000	-	-	-
John Shields Parkway Bridge	-	-	-	-	550,000
Western Roadway Alignment Study	150,000	-	-	-	-
North Riverview Rehabilitation	-	-	2,000,000	-	-
Intersection Improvements:					
Wayfinding	705,000	130,000	125,000	95,000	65,000
Avery-Muirfield/Perimeter Loop/Perimeter Drive	-	-	-	650,000	7,750,000
Sawmill Road 3rd Southbound Lane Addition	600,000	-	300,000	-	4,875,000
Hyland-Croy/McKibrick Road	-	-	-	1,220,000	-
Muirfield Drive/Memorial Drive Alternatives Analysis	-	-	-	225,000	-
33/161/Post Road Interchange	200,000	125,000	-	-	23,700,000
Multuse Path Connections:					
Glick Road - Phase 3	240,000	-	-	-	-
Perimeter: Avery-Muirfield to Holt Road	-	-	-	-	-
Rings Road	30,000	405,000	-	-	-
Riverside Drive East	75,000	-	-	-	-
Shier Rings Road	-	30,000	75,000	255,000	-
Concord Road	35,000	280,000	-	-	-
Stormwater:					
Stormwater Improvements	-	50,000	485,000	300,000	480,000
Total Project Costs	\$ 50,557,000	\$ 46,665,000	\$ 22,350,000	\$ 32,185,000	\$ 61,270,000

2016 - 2020 Proposed Capital Improvements Program
 Recap of Recommended Projects, Cash Needs and Available Resources
 (Income tax supported - excludes other sources of revenue)

RECOMMENDED PROJECTS
AVAILABLE RESOURCES

Funding Source	2016	2017	2018	2019	2020
Available Reserves	\$ 5,500,000	\$ 416,011	\$ 400,867	\$ 11,348	\$ 527,835
Income Taxes - Cash Capital Allocation	8,328,500	8,220,000	8,343,300	8,468,450	8,595,476
Income Taxes - Surplus from Allocation for Debt	6,745,436	3,692,981	3,557,431	4,489,162	5,401,346
Property Tax Revenue (Inside Millage - .8 mills) - Reserved for Debt	1,600,000	1,600,000	-	-	-
Property Tax Revenue (Inside Millage - .6 mills)	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000
Repayment of advances from TIF Funds	1,418,500	1,683,500	1,148,500	998,500	1,602,000
Repayment of advances from Permissive Tax Fund	-	100,000	100,000	100,000	100,000
Interest Income-Capital Improvement Tax Fund	155,000	155,000	155,000	155,000	155,000
General Fund Transfer to Capital Improvement Tax Fund (Reserves)	430,000	7,390,000	-	-	-
Non-Major Project Funding					
Hotel/Motel Tax Fund (DAC Exterior Renovations)	30,000	25,000	-	-	-
Hotel/Motel Tax Fund (DAC Site Renovations - Parks)	-	30,000	350,000	35,000	400,000
Hotel/Motel Tax Fund (Public Art Maintenance-Administration)	15,000	15,000	15,000	15,000	15,000
TIF - Tuller (Tuller Flats Park)	-	-	40,000	420,000	-
TIF - Thomas/Kohler (IGS Park - Parks)	-	-	-	30,000	150,000
State Highway Fund - Bridge Street Eastbound School Flasher	70,000	-	-	-	-
TIF - Pizzutti (Bikepath Connections - Transportation)	205,000	-	-	-	-
Major Project Funding					
Debt (Income Tax) - Municipal Facilities	3,400,000	-	-	-	-
Debt (Income Tax) - Riverside Drive Park	710,000	1,185,000	2,905,000	2,010,000	1,465,000
Debt (Income Tax) - Scioto River Pedestrian Bridge	-	14,210,000	-	-	-
Debt (Income Tax) - North Riverview	-	-	2,000,000	-	-
Debt (Income Tax) - CML Street Network	9,400,000	-	-	-	-
Debt (Income Tax) - CML Parking Garage	-	6,500,000	-	-	-
Debt (Income Tax) - Sawmill Rd. 3rd Southbound Lane	-	-	-	-	4,875,000
Debt (TIF) - Eiterman Road Relocation	-	-	2,640,000	-	-
Debt (TIF) - Avery Rd Widening (Rings Rd West to Woerner Temple)	-	-	-	-	7,975,000
Debt (TIF) - John Shields Parkway Phase II	7,300,000	-	-	-	-
Debt (TIF) - Graham Street/Tuller Flats	2,340,000	-	-	-	-
Debt (TIF) - Avery/Perimeter Loop/Perimeter Drive	-	-	-	-	7,750,000
Debt (Property Tax/Income Tax) - 33/161/Post Road Interchange	-	-	-	-	23,700,000
General Fund Advance - Ohio University Blvd. Extension (Phase 2)	260,000	-	-	1,800,000	-
General Fund Advance - SR 161/Cosgray Road Roundabout (West Innovation)	-	-	-	-	-
General Fund Advance - Tuttle Crossing Extension	-	-	-	1,660,000	-
General Fund Advance - Eiterman Rd. Relocation	340,000	-	-	-	-
Hotel/Motel Fund - Fleet Management Program	25,000	-	-	25,000	-
Hotel/Motel Fund - Computer Hardware & Software	9,500	30,000	15,000	10,000	-
MORPC Attributable Funds - Tuttle Crossing Extension	-	-	-	7,000,000	-
Permissive Tax Funds - Relocated Rings (Churchman)	300,000	-	-	-	-
Sewer Fund - Computer Hardware & Software	25,000	-	50,000	-	10,000
Sewer Fund - Fleet Management Program	-	475,000	-	-	-
Township Contribution (Concord Road SUP)	-	100,000	-	-	-
TIF - Perimeter Center (Avery-Muirfield/Perimeter Loop/Perimeter Dr)	-	-	-	650,000	-
TIF - Rings/Frantz (Tuttle Crossing Extension)	1,900,000	-	-	4,040,000	-
TIF - Rings/Frantz (Rings Road SUP)	30,000	405,000	-	-	-
TIF - Thomas/Kohler (Avery Widening - Woerner Temple to Rings Rd. East)	300,000	-	-	-	-
TIF - Perimeter West (33/161/Post Road Interchange)	200,000	125,000	-	-	-
TIF - Vrable (Dale Drive Rehab)	-	-	-	400,000	-
TIF - Perimeter Center (Perimeter SUP)	-	-	-	-	-
Wireless 911 Fund/Franklin Co. Reimbursement (NextGen Upgrade)	-	675,000	-	-	-
Total Available Resources	\$ 52,236,936	\$ 48,232,492	\$ 22,920,098	\$ 33,517,460	\$ 63,921,657
Total Project Costs	(50,557,000)	(46,665,000)	(22,350,000)	(32,185,000)	(61,270,000)
Contingencies (2.5% of Project Cost)	(1,263,925)	(1,166,625)	(558,750)	(804,625)	(1,531,750)
Balance	416,011	400,867	11,348	527,835	1,119,907
Additional General Fund Reserves	-	-	-	-	-
Available Reserves to Carry Forward	\$ 416,011	\$ 400,867	\$ 11,348	\$ 527,835	\$ 1,119,907

**2016– 2020
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
Debt Proceeds	3-6
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

2016 - 2020 Proposed Capital Improvements Program Resources

Description	2016	2017	2018	2019	2020	Total
General Fund:						
Allocation from reserves	\$ 430,000	\$ 7,390,000	\$ -	\$ -	\$ -	\$ 7,820,000
Advance	600,000	-	-	3,460,000	-	4,060,000
Capital Improvements Tax Fund:						
Reserves	5,500,000	-	-	-	-	5,500,000
Interest income	155,000	155,000	155,000	155,000	155,000	775,000
Income tax revenue:						
Income tax-cash capital allocation	8,328,500	8,220,000	8,343,300	8,468,450	8,595,476	41,955,726
Income tax-surplus from debt allocation	6,745,436	3,692,981	3,557,431	4,489,162	5,401,346	23,886,356
Property tax revenue:						
Capital Improvements Tax Fund	2,800,000	2,800,000	1,200,000	1,200,000	1,200,000	9,200,000
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)	1,930,000	530,000	-	4,040,000	-	6,500,000
McKibrick (Fund #421)	750,000	-	-	-	-	750,000
Pizzutti (Fund #416)	205,000	-	-	-	-	205,000
Thomas/Kohler (Fund #419)	300,000	-	-	30,000	150,000	480,000
Perimeter Center (Fund #425)	-	-	-	650,000	-	650,000
Perimeter West (Fund #431)	1,785,000	350,000	450,000	1,930,000	100,000	4,615,000
Upper Metro (Fund #432)	250,000	-	250,000	-	-	500,000
Tuller (Fund #XXX)	-	-	40,000	420,000	-	460,000
Tartan West	355,000	2,135,000	-	-	-	2,490,000
Vrable	-	-	-	400,000	-	400,000
Lifetime Fitness	10,000	-	-	-	-	10,000
Repayment of outstanding advances	1,418,500	1,783,500	1,248,500	1,098,500	1,702,000	7,251,000
Debt:						
Income tax repayment	13,510,000	21,895,000	4,905,000	2,010,000	30,040,000	72,360,000
TIF repayment	9,640,000	-	2,640,000	-	15,725,000	28,005,000
Water Fund repayment	-	-	-	-	-	-
Sewer Fund repayment	535,000	460,000	2,675,000	1,000,000	2,935,000	7,605,000
Other Funds:						
Special Revenue Funds-						
State Highway Fund	70,000	-	-	-	-	70,000
Permissive Tax Fund	300,000	-	-	-	-	300,000
Hotel/Motel Tax Fund	79,500	100,000	380,000	85,000	415,000	1,059,500
Enterprise Funds-						
Water Fund	995,000	980,000	1,280,000	820,000	1,155,000	5,230,000
Sewer Fund	460,000	950,000	275,000	225,000	260,000	2,170,000
Other sources:						
Federal grants						
Grants	0	675,000	0	0	0	675,000
MORPC Attributable Funds	-	-	-	7,000,000	-	7,000,000
Other governmental revenues	-	100,000	-	-	-	100,000
Total Resources	57,801,936	52,866,481	28,049,231	38,131,112	68,483,822	245,332,582
Total Proposed Funded Projects						238,887,000
Contingencies for Income Tax Funded Projects						5,325,675
						244,212,675
Difference between Resources and Proposed Funded Projects						\$ 1,119,907
				Agrees with Recap of Recommended Projects, Cash Needs, and Available Resources		

City of Dublin
Estimated Resources Available For Capital Projects (Non-utilities)
For The Years 2016 Through 2020

Recap of Projected Reserves
For The Years 2016 Through 2020

Year-end 2015	5,500,000 ¹	
Year-end 2016	0 ²	
Year-end 2017	0 ²	
Year-end 2018	0 ²	
Year-end 2019	0 ²	
Year-end 2020	0 ²	
	<hr/>	5,500,000

Recap of Estimated Income Tax
Allocated For Cash Capital Projects
For The Years 2016 Through 2020

2016	8,328,500 ³	
2017	8,220,000 ³	
2018	8,343,300 ³	
2019	8,468,450 ³	
2020	8,595,476 ³	
	<hr/>	41,955,726

Recap of Surplus From Debt
Allocated Income Tax

2016	6,745,436 ⁴	
2017	3,692,981 ⁴	
2018	3,557,431 ⁴	
2019	4,489,162 ⁴	
2020	5,401,346 ⁴	
	<hr/>	23,886,356

Recap of Estimated Interest
Income for Capital Imp. Tax Fund

2016	155,000	
2017	155,000	
2018	155,000	
2019	155,000	
2020	155,000	
	<hr/>	775,000

Total Estimated Resources \$72,117,082

¹ Information from worksheet estimating reserves available at 12-31-15 (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.

**2016 - 2020
PROPOSED FIVE-YEAR CAPITAL IMPROVEMENTS PROGRAM
INCOME TAX REVENUE**

	2014	2015	2016	2017	2018	2019	2020
Income Tax Revenue*	\$88,068,530	\$83,285,000	\$83,285,000	\$82,200,000	\$83,433,000	\$84,684,495	\$85,954,762
Revenue for capital projects (25% of income tax revenue)	22,017,133	20,821,250	20,821,250	20,550,000	20,858,250	21,171,124	21,488,691
¹ Revenue available for cash capital projects	8,806,853	8,328,500	8,328,500	8,220,000	8,343,300	8,468,450	8,595,476
² Revenue available for debt financed projects	13,210,280	12,492,750	12,492,750	12,330,000	12,514,950	12,702,674	12,893,214
³ Recommended maximum amount of outstanding debt	\$ 113,414,918	\$ 101,928,472	\$ 75,886,156	\$ 41,546,035	\$ 40,021,099	\$ 50,503,073	60,765,139

* Income tax revenue for 2014 reflects actual collections.

The remaining years reflect an estimated increase/decrease over the previous year as follows:

- 2015 - Based on a <5.4%> decrease over 2014 actual collections; Original estimate reflected a <7.3%> decrease over 2014 actual collections
- 2016 - 0.0%
- 2017 - <1.3%>
- 2018 - 1.5%
- 2019 - 1.5%
- 2020 - 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 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.

2016 - 2020
FIVE-YEAR CAPITAL IMPROVEMENTS PROGRAM
DEBT SERVICE PAYMENTS DUE
(Income tax supported debt only)

Debt Issue	2014	2015	2016	2017	2018	2019	2020
Community Recreation Center Expansion (2018)	\$ 279,753	\$ 280,583	\$ 278,172	\$ 268,092	\$ 191,012	\$ -	\$ -
Scioto (Emerald Parkway) Bridge Construction (2017)	557,770	560,160	554,040	533,520	-	-	-
Avery-Muirfield/US 33 Interchange (2019)	575,050	574,750	574,250	575,775	577,000	575,700	-
Emerald Pkwy-Perimeter/Shier Rings (2019)	566,106	543,886	533,675	534,355	537,275	541,057	-
Service Complex expansion (2021)	278,219	276,257	276,530	276,598	275,233	274,107	277,758
Swimming Pool Construction (2025)	220,888	220,342	218,459	217,241	216,636	215,610	214,085
LED street lighting	265,600	266,250	261,850	261,775	266,550	261,850	265,825
BSD Land Acquisition for Roundabout (2019/2033)	371,581	395,213	391,738	393,263	392,413	393,788	392,800
<i>Justice Center Addition (2034) ¹</i>	-	150,000	740,000	740,000	740,000	740,000	740,000
<i>Riverside Dr/SR 161 Roundabout ¹</i>	-	165,000	821,400	821,400	821,400	821,400	821,400
<i>Bridge Park Street Network, Parking Structures ¹</i>	-	-	150,000	850,000	1,100,000	550,000	550,000
<i>Scioto River Pedestrian Bridge ²</i>	-	-	-	1,136,800	1,136,800	1,136,800	1,136,800
<i>North Riverview Rehabilitation ²</i>	-	-	-	-	160,000	160,000	160,000
<i>Riverside Drive Park ²</i>	-	-	-	600,000	600,000	600,000	600,000
<i>Service Center Addition ²</i>	-	-	251,600	251,600	251,600	251,600	251,600
<i>Parking Deck - CML Library ²</i>	-	-	-	481,000	481,000	481,000	481,000
<i>Roadway/Infrastructure - CML Library ²</i>	-	-	695,600	695,600	695,600	695,600	695,600
<i>Eiterman Road Relocation ²</i>	-	-	-	-	215,000	215,000	215,000
<i>Sawmill Road - 3rd Southbound Lane Addition ²</i>	-	-	-	-	-	-	390,000
<i>Reserved for US 33/SR 161/Post Interchange ²</i>	-	-	-	-	300,000	300,000	300,000
Total	\$3,128,954	\$3,432,441	\$5,747,314	\$8,637,019	\$8,957,519	\$8,213,512	\$7,491,888
Income tax revenue available for debt retirement	\$ 13,210,280	\$ 12,492,750	\$ 12,492,750	\$ 12,330,000	\$ 12,514,950	\$ 12,702,674	\$ 12,893,214
Balance available ³	\$ 10,081,326	\$ 9,060,309	\$ 6,745,436	\$ 3,692,981	\$ 3,557,431	\$ 4,489,162	\$ 5,401,346
Amount of additional debt that could be supported ⁴	\$ 126,016,576	\$ 113,253,858	\$ 84,317,952	\$ 46,162,260	\$ 44,467,887	\$ 56,114,526	\$ 67,516,821
Recommended maximum amount of additional debt	\$ 113,414,918	\$ 101,928,472	\$ 75,886,156	\$ 41,546,034	\$ 40,021,099	\$ 50,503,073	\$ 60,765,139

¹ Estimated debt service obligations; Estimate assumes 20 year bonds at 4% and level payments.

² Estimated debt service obligations; Estimate assumes 20 year bonds a 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. 90% of amount of additional debt that could be supported is recommended.

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

Highlighted rows indicate anticipated future debt.

**2016 - 2020
FIVE-YEAR CAPITAL IMPROVEMENTS PROGRAM
DEBT SERVICE PAYMENTS DUE
(Income tax supported debt only)**

Debt Issue	2014	2015	2016	2017	2018	2019	2020
Service Payments							
Emerald Parkway-Phase 2 (2016) ¹	\$ 646,240	\$ 548,420	\$ 494,000	\$ -	\$ -	\$ -	\$ -
Rings Road Improvements (2020) ¹	270,479	269,358	274,081	274,890	276,874	279,391	281,181
Woerner-Temple Road (2020) ²	480,900	462,007	448,662	449,263	452,222	455,572	-
Perimeter Drive extension (2020) ¹	302,971	301,714	305,874	306,777	308,990	311,802	313,799
Emerald Parkway-Phase 7A (2020) ¹	156,048	155,400	155,678	156,137	157,264	158,695	159,711
Industrial Parkway/SR 161 Improvements ¹	666,753	661,631	660,031	658,356	657,106	665,206	667,144
Emerald Parkway-Phase 8 (2033) ¹	458,572	483,000	483,775	479,475	482,375	482,925	480,425
I-270/US 33/SR 161 Interchange-ROW (2023) ¹	1,035,813	1,038,075	1,035,475	1,037,725	1,036,100	1,037,825	1,033,075
I-270/US 33/SR 161 Interchange-Construction (2034) ¹	-	-	722,508	1,422,725	1,392,256	1,360,865	1,328,525
<i>Emerald 8/Riverside Dr. Realignment (2034) ³</i>	-	170,200	851,000	851,000	851,000	851,000	851,000
<i>John Shields Parkway Phase II (2035) ³</i>	-	-	840,000	840,000	840,000	840,000	840,000
<i>Graham Street/Tuller Flats Roadway Network ³</i>	-	-	173,160	173,160	173,160	173,160	173,160
<i>Avery/Perimeter Loop/Perimeter Drive ⁴</i>	-	-	-	-	-	-	320,000
<i>Avery Road Widening (Rings Rd. West to Woerner Temple) ⁴</i>	-	-	-	-	-	-	638,000
	\$ 4,017,776	\$ 4,089,805	\$ 6,444,244	\$ 6,649,508	\$ 6,627,347	\$ 6,616,441	\$ 7,086,020
Water and Sewer Funds							
Rings/Blazer Water Tower (2014)	\$ 356,440	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Upper Scoto West Branch (2018)	1,350,725	1,350,725	1,350,725	1,350,725	675,365	-	-
Darree Fields Water Tower (2029)	139,066	136,113	139,763	138,338	140,963	134,463	136,850
Dublin Road Water Tower (2032)	160,213	158,313	156,413	158,963	156,463	159,413	156,788
Sewer Line Repairs (2029)	153,578	150,825	149,325	152,825	150,200	148,625	150,738
Sewer Line Repairs (2032)	170,100	168,100	171,050	168,425	170,750	168,550	170,725
<i>Sewer System Improvements ³</i>	-	50,000	185,000	185,000	185,000	185,000	185,000
<i>Sewer System Improvements ³</i>	-	-	39,590	39,590	39,590	39,590	39,590
<i>Sewer System Improvements ⁴</i>	-	-	-	-	255,200	255,200	255,200
<i>Sewer Extensions ⁴</i>	-	-	-	36,800	36,800	36,800	36,800
<i>Sewer Extensions ⁴</i>	-	-	-	-	64,400	64,400	64,400
<i>Sewer Extensions ⁴</i>	-	-	-	-	-	56,000	56,000
<i>Sewer System Improvements ⁴</i>	-	-	-	-	-	47,200	47,200
<i>Sewer Extensions ⁴</i>	-	-	-	-	-	-	234,800
<i>Sewer System Improvements ⁴</i>	-	-	-	-	-	-	65,600
	\$ 2,330,122	\$ 2,014,076	\$ 2,191,866	\$ 2,230,666	\$ 1,874,731	\$ 1,295,241	\$ 1,599,691
Special Assessments							
Tuller Road (2014)	\$ 106,400	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Ballantrae Improvements (2021)	129,537	128,624	128,752	128,784	128,148	127,624	129,323
	\$ 235,937	\$ 128,624	\$ 128,752	\$ 128,784	\$ 128,148	\$ 127,624	\$ 129,323
Property Taxes (Inside millage)							
Parkland acquisition-Coffman Park (2020)	\$ 242,632	\$ 233,445	\$ 236,700	\$ 238,820	\$ 239,540	\$ 240,520	\$ 207,000
Metro Park contribution (2017)	385,000	385,000	385,000	385,000	-	-	-
<i>Reserved for US 33/SR 161/Post interchange ⁴</i>	-	-	-	-	1,600,000	1,600,000	1,600,000
	\$ 627,632	\$ 618,445	\$ 621,700	\$ 623,820	\$ 1,839,540	\$ 1,840,520	\$ 1,807,000
Hotel/Motel Tax Revenues							
Arts Facility (2020)	\$ 161,889	\$ 161,217	\$ 162,254	\$ 162,734	\$ 163,909	\$ 165,400	\$ 166,460
Total	\$ 7,373,356	\$ 7,012,167	\$ 9,548,816	\$ 9,795,512	\$ 10,633,674	\$ 10,045,225	\$ 10,788,494

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/Capital Improvements Tax Fund and then repaid during the term of the TIF.

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

⁴ Estimated debt service obligations; Estimate assumes 10 year bonds at 5% and level payments.

Highlighted rows indicate anticipated future debt.

**2016 - 2020 Proposed Capital Improvements Program
Debt Proceeds**

Proposed Project	2016	2017	2018	2019	2020
<u>Long-Term Bonds-Retired by Income Taxes</u>					
Service Center Renovations	\$ 3,400,000	\$ -	\$ -	\$ -	\$ -
CML Roadway Network	9,400,000	-	-	-	-
Riverside Drive Park	-	7,500,000	-	-	-
CML Parking Garage	-	6,500,000	-	-	-
Scioto River Pedestrian Bridge	-	19,210,000	-	-	-
North Riverview Rehabilitation	-	-	2,000,000	-	-
Sawmill Road 3rd Lane Addition	-	-	4,875,000	-	-
Eiterman Road Relocation	-	-	2,640,000	-	-
33/161/Post Road Interchange	-	-	-	-	3,700,000
Total - Retired by Income Taxes	\$ 12,800,000	\$ 33,210,000	\$ 9,515,000	\$ -	\$ 3,700,000
<u>Long-Term Bonds-Retired by Utility Revenues</u>					
Sewer Extensions to Unserved Areas (Sewer & General Funds)	\$ -	\$ 460,000	\$ 805,000	\$ 700,000	\$ 2,935,000
Sewer lining and repairs (Sewer Fund)	535,000	-	3,190,000	590,000	820,000
Total - Retired by Sewer Revenues	\$ 535,000	\$ 460,000	\$ 3,995,000	\$ 1,290,000	\$ 3,755,000
<u>Long-Term Bonds-Retired by TIF Revenues</u>					
John Shields Parkway Phase II	\$ 10,500,000	\$ -	\$ -	\$ -	\$ -
Graham Street/Tuller Flats Roadway System	2,340,000	-	-	-	-
Eiterman Road Relocation	-	-	2,640,000	-	-
Avery-Muirfield/Perimeter Loop/Perimeter Drive	-	-	-	-	4,000,000
Avery Road Widening (Rings Rd. West to Woerner Temple)	-	-	-	-	7,975,000
Total - Retired by TIF Revenues	\$ 12,840,000	\$ -	\$ 2,640,000	\$ -	\$ 11,975,000
<u>Long-Term Bonds-Retired by Property Tax Revenues</u>					
33/161/Post Road Interchange	\$ -	\$ -	\$ -	\$ -	\$ 20,000,000

**2016 - 2020 Proposed Capital Improvements Program
Property Tax Revenue-Inside Millage**

Millage 1.75
Assessed value \$2,003,415,640

Current distribution-

Parkland Acquisition Fund 0.35 mills
Capital Improvements Tax Fund¹ 0.8 mills Debt Funding
Capital Improvements Tax Fund² 0.6 mills Cash Funding

Funding allocation	2016	2017	2018	2019	2020
Parkland Acquisition Fund	\$ 700,000	\$ 700,000	\$ 700,000	\$ 700,000	\$ 700,000
Capital Improvements Tax Fund ¹	-	-	1,600,000	1,600,000	1,600,000
Capital Improvements Tax Fund ²	2,800,000	2,800,000	1,200,000	1,200,000	1,200,000
Total	\$ 3,500,000				

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

² Millage allocated for cash capital funding . The distribution will be reviewed as part of the 2016-2020 CIP Funding can still be used for Parkland Acquisition from the Capital Improvements Tax Fund.

**2016 - 2020 Proposed Capital Improvements Program
Schedule of Service Payments to be Received from TIF Districts
Funds were originally advanced from the Capital Improvements Tax Fund**

TIF Project	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	2018 Advances Repaid	Balance at 12/31/2018	2019 Advances Repaid	Balance at 12/31/2019	2020 Advances Repaid	Balance at 12/31/2020
Thomas/Kohler TIF(1)	\$ 1,515,000	\$ -	\$ 1,515,000	\$ 1,000,000	\$ 515,000	\$ 515,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Thomas/Kohler TIF(1) - \$3 m	3,000,000	-	3,000,000	-	3,000,000	-	3,000,000	-	3,000,000	-	3,000,000	-	3,000,000
Perimeter West TIF	-	-	2,600,000	-	2,600,000	750,000	1,850,000	750,000	1,100,000	600,000	500,000	500,000	-
Rings/Frantz (Nationwide) TIF(2)	3,938,638	-	3,938,638	-	3,938,638	-	3,938,638	-	3,938,638	-	6,038,638	-	6,038,638
Historic Dublin TIF	363,500	70,000	293,500	70,000	223,500	70,000	153,500	50,000	103,500	50,000	53,500	53,500	-
Emerald-Phase 5(3)	1,095,340	-	1,095,340	-	1,095,340	-	1,095,340	-	1,095,340	-	1,095,340	-	1,095,340
Shamrock Blvd. TIF	1,702,500	-	1,702,500	-	1,702,500	-	1,702,500	-	1,702,500	-	1,702,500	50,000	1,652,500
Tartan West TIF(4)	8,162,000	-	8,162,000	-	8,162,000	-	8,162,000	-	8,162,000	-	8,162,000	650,000	7,512,000
Perimeter Center TIF	-	-	-	-	-	-	-	-	-	-	-	-	-
Ruscill TIF	-	-	-	-	-	-	-	-	500,000	-	500,000	-	800,000
Perimeter Loop(5)	644,200	35,000	609,200	35,000	574,200	35,000	539,200	35,000	504,200	35,000	469,200	35,000	434,200
Lifetime Fitness TIF(6)	1,200,000	-	1,800,000	150,000	1,650,000	150,000	1,500,000	150,000	1,350,000	150,000	1,200,000	150,000	1,050,000
Irelan Place TIF	46,437	3,500	42,937	3,500	39,437	3,500	35,937	3,500	32,437	3,500	28,937	3,500	25,437
River Ridge TIF(8)	2,593,000	-	2,593,000	-	2,593,000	-	2,593,000	-	2,593,000	-	2,593,000	-	2,593,000
Shamrock Crossing TIF(9)	1,387,900	60,000	1,327,900	60,000	1,267,900	60,000	1,207,900	60,000	1,147,900	60,000	1,087,900	60,000	1,027,900
Bridge and High TIF	3,997,150	100,000	3,897,150	100,000	3,797,150	100,000	3,697,150	100,000	3,597,150	100,000	3,497,150	100,000	3,397,150
Dublin Methodist Hospital TIF(10)	176,350	176,350	-	-	-	-	-	-	-	-	-	-	-
Frantz/Dublin Road TIF	228,560	-	228,560	-	228,560	-	228,560	-	228,560	-	228,560	-	228,560
Pizzut TIF	1,950,000	-	1,950,000	-	1,950,000	-	1,950,000	-	1,950,000	-	1,950,000	-	1,950,000
Riviera TIF	-	-	-	-	-	-	300,000	-	1,420,000	-	1,420,000	-	1,420,000
Bridge Street TIF	5,425,000	-	5,425,000	-	5,865,000	-	5,865,000	-	5,865,000	-	5,865,000	-	5,865,000
OU TIF	1,010,000	-	1,015,000	-	1,275,000	-	1,275,000	-	1,275,000	-	3,075,000	-	3,075,000
Total	\$ 38,435,575	\$ 444,850	\$ 41,195,725	\$ 1,418,500	\$ 40,477,225	\$ 1,683,500	\$ 39,093,725	\$ 1,148,500	\$ 39,565,225	\$ 998,500	\$ 42,466,725	\$ 1,602,000	\$ 41,164,725

2016 - 2020
 FIVE-YEAR CAPITAL IMPROVEMENTS PROGRAM
 WATER FUND
 STATEMENT OF PROJECTED REVENUE, EXPENSE, AND FUND BALANCE

	2015	2016	2017	2018	2019	2020
Revenues:						
User charges	\$ 430,000	\$ 621,614	\$ 627,653	\$ 633,692	\$ 638,121	\$ 642,550
Tap fees	250,000	283,500	283,500	207,900	207,900	207,900
Additional tap fee on new users	-	60,480	39,690	47,250	51,030	147,420
Interest	90,920	184,025	178,087	171,813	167,269	169,480
Fire hydrant permits	2,600	1,000	1,000	1,000	1,000	1,000
	<u>773,520</u>	<u>1,150,618</u>	<u>1,129,930</u>	<u>1,061,655</u>	<u>1,065,320</u>	<u>1,168,350</u>
Expenses:						
Salaries/wages	122,785	127,696	132,804	138,116	143,641	149,387
Benefits/uniforms	45,900	47,736	49,645	51,631	53,697	55,844
Utilities	155,000	161,200	167,648	174,354	181,328	188,581
Contract services	207,550	50,000	50,000	50,000	50,000	50,000
Hydrant maintenance	51,600	53,664	55,811	58,043	60,365	62,779
Other	-	15,000	15,000	15,000	15,000	15,000
	<u>582,835</u>	<u>455,296</u>	<u>470,908</u>	<u>487,145</u>	<u>504,030</u>	<u>521,592</u>
Capital expenditures	561,000	995,000	980,000	1,280,000	820,000	1,155,000
Debt service:						
2009 issue	136,113	139,763	138,338	140,963	134,463	136,850
2012 issue	158,313	156,413	158,963	156,463	159,413	156,788
	<u>294,426</u>	<u>296,176</u>	<u>297,301</u>	<u>297,426</u>	<u>293,876</u>	<u>293,638</u>
Net cash (required) provided	(664,742)	(595,854)	(618,279)	(1,002,915)	(552,586)	(801,880)
Advances-out	-	-	-	-	-	-
Advances-in	-	-	-	500,000	500,000	400,000
Transfers-out	-	-	-	-	-	-
Transfers-in	217,833	200,000	200,000	200,000	200,000	200,000
Beginning balance	<u>12,715,222</u>	<u>12,268,314</u>	<u>11,872,460</u>	<u>11,454,181</u>	<u>11,151,266</u>	<u>11,298,680</u>
Ending balance	<u>\$12,268,314</u>	<u>\$11,872,460</u>	<u>\$11,454,181</u>	<u>\$11,151,266</u>	<u>\$11,298,680</u>	<u>\$11,096,800</u>

2016 - 2020
FIVE-YEAR CAPITAL IMPROVEMENTS PROGRAM
SEWER FUND
STATEMENT OF PROJECTED REVENUE, EXPENSES, AND FUND BALANCE

	2015	2016	2017	2018	2019	2020
Revenues:						
User charges	\$ 1,797,068	\$ 1,894,860	\$ 1,959,161	\$ 1,982,624	\$ 1,999,830	\$ 2,017,036
Tap fees	243,100	331,500	331,500	243,100	243,100	243,100
Additional tap fee on new users			70,720	137,020	92,820	108,290
Interest	43,000	46,726	35,020	21,808	17,614	19,272
Other	-	-	-	-	-	-
Bond Proceeds/Other Proceeds						
Income tax subsidy	-	-	-	-	-	-
	<u>2,083,169</u>	<u>2,273,087</u>	<u>2,396,400</u>	<u>2,384,552</u>	<u>2,353,365</u>	<u>2,387,698</u>
Expenses:						
Salaries/wages	608,175	632,502	657,802	684,114	711,479	739,938
Benefits/uniforms	255,315	265,528	276,149	287,195	298,682	310,630
Utilities	-	-	-	-	-	-
Contract services	2,600	50,000	50,000	50,000	50,000	50,000
Repairs/maintenance	398,050	150,000	150,000	150,000	150,000	150,000
Other	-	15,000	15,000	15,000	15,000	15,000
	<u>1,264,140</u>	<u>1,113,030</u>	<u>1,148,951</u>	<u>1,186,309</u>	<u>1,225,161</u>	<u>1,265,568</u>
Capital expenditures (cash funded only)	426,000	435,000	650,000	225,000	225,000	250,000
Debt service:						
USWBI	1,350,721	1,350,721	1,350,721	675,560	-	-
2009 issue	150,825	149,325	152,825	150,200	148,625	150,738
2012 issue ¹	168,100	171,050	168,425	170,750	168,550	170,725
2015 issue	50,000	185,000	185,000	185,000	185,000	185,000
2016 issue	-	39,590	39,590	39,590	39,590	39,590
2017 issue	-	-	22,000	22,000	22,000	22,000
2117 issue (ext.)	-	-	36,800	36,800	36,800	36,800
2018 issue	-	-	-	149,600	149,600	149,600
2018 issue (ext.)	-	-	-	64,400	64,400	64,400
2019 issue	-	-	-	-	24,000	24,000
2019 issue (ext.)	-	-	-	-	56,000	56,000
2020 issue (ext.)	-	-	-	-	-	234,800
	<u>1,719,646</u>	<u>1,895,686</u>	<u>1,955,361</u>	<u>1,493,900</u>	<u>894,565</u>	<u>1,133,653</u>
Net cash (required) provided	(1,326,618)	(1,170,629)	(1,357,911)	(520,657)	8,638	(261,522)
Advances-out	-	-	-	-	-	-
Advances-in	-	-	-	-	-	-
Transfers-out	-	-	-	-	-	-
Transfers-in		200,000	200,000	400,000	400,000	400,000
Transfers-in (GF - Debt)	200,000	-	36,800	101,200	157,200	392,000
Beginning balance	<u>5,799,203</u>	<u>4,672,585</u>	<u>3,501,957</u>	<u>2,180,844</u>	<u>1,761,387</u>	<u>1,927,225</u>
Ending balance	<u>\$ 4,672,585</u>	<u>\$ 3,501,957</u>	<u>\$ 2,180,844</u>	<u>\$ 1,761,387</u>	<u>\$ 1,927,225</u>	<u>\$ 2,057,704</u>

**2016 - 2020 Proposed Capital Improvements Program
Intergovernmental Revenue**

Description	2016	2017	2018	2019	2020
Other Government Funding					
Concord Township (Concord Road Shared Use Path)	\$ -	\$ 100,000	\$ -	\$ -	\$ -
MORPC Attributable Funds (Avery Road Widening)	-	-	-	7,000,000	-
Franklin County 911 Reimbursement/Wireless 911 Fund (NextGen 911 Upgrade)	-	675,000	-	-	-
Total Intergovernmental Funding	\$ -	\$ 775,000	\$ -	\$ 7,000,000	\$ -

**2016 - 2020 Proposed Capital Improvements Program
Permissive Tax Revenue**

\$5 Permissive Tax Fund Held By Franklin County

Description	2015	2016	2017	2018	2019	2020
Beginning Balance	\$ 428,220	\$ 168,220	\$ 308,220	\$ 448,220	\$ 588,220	\$ 728,220
Estimated (Actual) Revenue	140,000	140,000	140,000	140,000	140,000	140,000
Total Resources	568,220	308,220	448,220	588,220	728,220	868,220
Estimated Expenditures (1)	400,000	-	-	-	-	-
Ending Balance	\$ 168,220	\$ 308,220	\$ 448,220	\$ 588,220	\$ 728,220	\$ 868,220

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

Permissive Tax Fund (Fund 216) Held By Dublin

Description	2015	2016	2017	2018	2019	2020
Beginning Balance	\$ 666,322	\$ 238,306	\$ 48,306	\$ 58,306	\$ 68,306	\$ 78,306
Advance	-	2,100,000				
Estimated Revenue (1)	110,000	110,000	110,000	110,000	110,000	110,000
Total Resources	776,322.30	2,448,306.30	158,306.30	168,306.30	178,306.30	188,306.30
Repayment of Advance	-		100,000	100,000	100,000	100,000
Estimated Expenditures (2)	538,016	2,400,000	-	-	-	-
Ending Balance	\$ 238,306	\$ 48,306	\$ 58,306	\$ 68,306	\$ 78,306	\$ 88,306

(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).

2015 Funding: \$350,000 for Relocated Rings Road (Churchman Road)
2016 Funding: \$2,400,000 for Relocated Rings Road (Churchman Road)
2017 Funding: \$100,000 for Relocated Rings Road (Churchman Road)

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

2016 – 2020
Proposed Capital Improvements Program
Proposed Projects and Funding Resources

Updated Summary Worksheets

CITY OF DUBLIN
 CAPITAL IMPROVEMENT PROJECTS
 2016-2020

PROJECT NO.	PROJECT DESCRIPTION	PRIOR YEARS (\$000)	2015	2016	2017	2018	2019	2020	TOTAL 16-20	BEYOND 2020	TOTAL TO BE BUDGETED
CITY MANAGER'S OFFICE / NONMAJOR PROJECTS											
AL1601	Land Acquisition	0	500	500	500	500	500	500	2,500	0	2,500
AA1601	Contingencies	0	225	225	225	225	225	225	1,125	0	1,125
8/7/2015	TOTAL	0	725	725	725	725	725	725	3,625	0	3,625
	TOTAL (Prior Year 2015-2019)	0	725	725	725	725	725	n/a		0	3,625
	Percentage Change	0%	0%	0%	0%	0%	0%	n/a		0%	0%

CITY MANAGER'S OFFICE / MAJOR PROJECTS											
AL1602	Parkland Acquisition	0	650	650	650	650	650	650	3,250	0	3,250
EW1401	Allocation for Water Extensions	0	200	200	200	200	200	200	1,000	0	1,000
ES1402	Allocation for Sewer Extensions	0	200	200	200	400	400	400	1,600	0	1,600
8/7/2015	TOTAL	0	1,050	1,050	1,050	1,250	1,250	1,250	5,850	0	5,850
	TOTAL (Prior Year 2015-2019)	0	1,050	1,050	1,050	1,050	1,050	n/a		0	5,250
	Percentage Change	0%	0%	0%	0%	19%	19%	n/a		0%	11%

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

CITY OF DUBLIN
 CAPITAL IMPROVEMENT PROJECTS
 2016-2020

PROJECT NO.	DESCRIPTION	PRIOR YEARS (\$000)	2015	2016	2017	2018	2019	2020	TOTAL 16-20	BEYOND 2020	TOTAL TO BE BUDGETED
PARKS & RECREATION / NONMAJOR PROJECTS											
AR1601	Park Renovations / Improvements	0	640	615	400	400	400	400	2,215	0	2,215
AB1602	Public Art Maintenance	0	10	15	15	15	15	15	75	0	75
GR1011	Llewellyn Farms South Park	0	0	0	0	0	100	0	100	0	100
GR1113	IGS Park (TIF)	161	0	0	0	0	30	150	180	0	180
GR1201	Dublin Arts Council Site Renovations	108	250	0	30	350	35	400	815	725	1,540
GR1403	Outdoor Exercise Equipment	39	0	20	0	0	0	0	20	0	20
GR1404	Obstacle Course	0	255	0	0	0	0	0	0	0	0
GR1115	DCPN (North Pool)	795	0	75	660	0	0	0	735	0	735
GR1601	Barronsmore Mound (Ballantrae)	0	0	0	0	0	0	115	115	0	115
GR1602	Post Road Bike Path Bridge	0	0	140	0	0	0	0	140	0	140
GR1603	Tuller Flats	0	0	0	0	40	420	0	460	0	460
8/7/2015	TOTAL	1,103	900	865	1,105	805	1,000	1,080	4,855	725	5,580
	TOTAL (Prior Year 2015-2019)	651	1,105	970	795	855	885	n/a		855	5,465
	Percentage Change	69%	-19%	-11%	39%	-6%	13%	n/a		-15%	2%

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

CITY OF DUBLIN
 CAPITAL IMPROVEMENT PROJECTS
 2016-2020

PROJECT NO.	DESCRIPTION	PRIOR YEARS (\$000)	2015	2016	2017	2018	2019	2020	TOTAL 16-20	BEYOND 2020	TOTAL TO BE BUDGETED
PARKS & RECREATION / MAJOR PROJECTS											
GR9901	Darree Fields Development	5,921	660	80	0	0	0	0	80	1,215	1,295
GR9903	Amberleigh Community Park	2,633	0	0	0	0	0	75	75	600	675
GR9904	Emerald Fields (N.E. Quad Park)	5,160	0	55	225	0	0	0	280	0	280
GR9902	Coffman Park Expansion	3,000	2,900	95	985	0	0	0	1,080	2,500	3,580
GR1114	Holder-Wright Farm and Earthworks	1,923	100	1,125	0	0	0	0	1,125	2,035	3,160
GR1302	Scioto River Pedestrian Bridge	728	2,500	0	19,210	0	0	0	19,210	0	19,210
GR1303	Riverside Park	2,400	1,505	710	1,185	2,905	2,010	1,465	8,275	1,325	9,600
9/8/2015	TOTAL	21,765	7,665	2,065	21,605	2,905	2,010	1,540	30,125	7,675	37,800
	TOTAL (Prior Year 2015-2019)	21,173	6,790	19,435	7,140	7,440	1,555	n/a		5,940	48,300
	Percentage Change	3%	13%	-89%	203%	-61%	29%	n/a		29%	-22%

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

CITY OF DUBLIN
 CAPITAL IMPROVEMENT PROJECTS
 2016-2020

PROJECT NO.	PROJECT DESCRIPTION	PRIOR YEARS (\$000)	2015	2016	2017	2018	2019	2020	TOTAL 16-20	BEYOND 2020	TOTAL TO BE BUDGETED
INFORMATION TECHNOLOGY / NONMAJOR PROJECTS											
AB0802	Technology Improvements - Dublin	0	120	120	120	120	120	120	600	120	720
AB1402	Dublin/Ignite	0	350	375	250	125	125	125	1,000	300	1,300
8/7/2015	TOTAL	0	470	495	370	245	245	245	1,600	420	2,020
	TOTAL (Prior Year 2015-2019)	0	470	495	370	245	245	n/a		420	2,350
	Percentage Change	0%	0%	0%	0%	0%	0%	n/a		0%	-14%

INFORMATION TECHNOLOGY / MAJOR PROJECTS											
AI1601	Computer Hardware/Software	0	1,200	1,000	950	950	950	950	4,800	0	4,800
8/7/2015	TOTAL	0	1,200	1,000	950	950	950	950	4,800	0	4,800
	TOTAL (Prior Year 2015-2019)	0	1,200	1,100	1,100	1,070	1,035	n/a		0	5,505
	Percentage Change	0%	0%	-9%	-14%	-11%	-8%	n/a		0%	-13%

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

CITY OF DUBLIN
 CAPITAL IMPROVEMENT PROJECTS
 2016-2020

PROJECT NO.	PROJECT DESCRIPTION	PRIOR YEARS (\$000)	2015	2016	2017	2018	2019	2020	TOTAL 16-20	BEYOND 2020	TOTAL TO BE BUDGETED
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POLICE / NONMAJOR PROJECTS

PP0803	Replacement Lasers	42	15	20	10	10	0	0	40	0	40
PP0804	Replacement Radars	63	10	0	10	10	0	0	20	0	20
PP1301	Intersection & Crime Prevention Cameras	61	80	0	0	0	0	0	0	0	0
PP1202	Ballistic Helmets	20	0	0	25	0	0	0	25	0	25
PP1302	Automatic License Plate Readers	100	0	0	120	0	0	0	120	0	120
PP1303	Replacement Ballistic Shields	14	0	0	25	0	0	0	25	0	25
PP1602	Replacement Firearms	0	0	120	0	0	0	0	120	0	120
PP1501	Replacement Automated External Defibrillators (AED)	0	20	20	20	0	0	0	40	0	40
PP1502	LiveScan Fingerprint System	0	35	0	0	0	0	0	0	0	0
PP1602	DTU Equipment	0	0	20	0	0	0	0	20	0	20
PP1603	Interview Room Camera System	0	0	0	35	0	0	0	35	0	35
PP1604	Mobile Radio Upgrades	0	0	125	0	0	0	0	125	0	125
PP1605	Communications Center Consoles	0	0	310	0	0	0	0	310	0	310
PP1606	Replacement K9	0	0	12	0	0	0	0	12	0	12
PP1607	Body Camera Hardware	0	0	35	0	0	0	0	35	0	35
8/7/2015	TOTAL	300	160	662	245	20	0	0	927	0	927
	TOTAL (Prior Year 2015-2019)	134	260	160	210	20	0	n/a		0	650
	Percentage Change	124%	-38%	314%	17%	0%	0%	n/a		0%	43%

POLICE / MAJOR PROJECTS

PP1601	Next Gen 911 Upgrade	0	0	0	675	0	0	0	675	0	675
8/7/2015	TOTAL	0	0	0	675	0	0	0	675	0	675

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

CITY OF DUBLIN
 CAPITAL IMPROVEMENT PROJECTS
 2016-2020

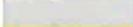
PROJECT NO.	PROJECT DESCRIPTION	PRIOR YEARS (\$000)	2015	2016	2017	2018	2019	2020	TOTAL 16-20	BEYOND 2020	TOTAL TO BE BUDGETED
FACILITIES / NONMAJOR PROJECTS											
AB1601	Building Maintenance/Renovations	0	760	645	390	210	130	130	1,505	0	1,505
9/8/2015	TOTAL	0	760	645	390	210	130	130	1,505	0	1,505
	TOTAL (Prior Year 2015-2019)	0	680	340	155	195	120	n/a		0	1,490
	Percentage Change	0%	12%	90%	152%	8%	8%	n/a		0%	1%

FACILITIES / MAJOR PROJECTS											
AB0601	Municipal Facilities	0	0	0	0	0	0	0	0	0	0
	5800 Building	0	160	1,050	0	0	0	0	1,050	0	1,050
	Fleet (Salt Barn)	0	0	0	465	0	0	0	465	0	465
	Justice Center	0	10,740	150	0	0	0	0	150	1,800	1,950
	Service Center	0	165	3,400	0	0	0	0	3,400	0	3,400
	DCRC	0	0	1,315	0	0	0	0	1,315	0	1,315
9/8/2015	TOTAL	0	11,065	5,915	465	0	0	0	6,380	1,800	8,180
	TOTAL (Prior Year 2015-2019)	0	10,685	250	0	3,300	0	n/a		1,800	17,535
	Percentage Change	0%	4%	2266%	100%	-100%	0%	n/a		0%	-53%

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

CITY OF DUBLIN
 CAPITAL IMPROVEMENT PROJECTS
 2016-2020

PROJECT NO.	PROJECT DESCRIPTION	PRIOR YEARS (\$000)	2015	2016	2017	2018	2019	2020	TOTAL 16-20	BEYOND 2020	TOTAL TO BE BUDGETED
FLEET / MAJOR PROJECTS											
AV1601	Fleet Management Program-Vehicles:										
	Replacement Vehicles	0	1,430	1,000	1,000	1,000	1,000	1,000	5,000	0	5,000
	New Vehicles	0	35	140	120	125	45	0	430	0	430
AV1603	Fleet Management Program-Equipment:										
	Replacement Equipment	0	275	735	405	445	295	230	2,110	0	2,110
	New Equipment	0	100	0	0	0	0	0	0	0	0
8/7/2015	TOTAL	0	1,840	1,875	1,525	1,570	1,340	1,230	7,540	0	7,540
	TOTAL (Prior Year 2015-2019)	0	1,840	1,785	2,010	1,535	1,280	n/a		0	8,450
	Percentage Change	0%	0%	5%	-24%	2%	5%	n/a		0%	-11%

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

CITY OF DUBLIN
 CAPITAL IMPROVEMENT PROJECTS
 2016-2020

PROJECT NO.	PROJECT DESCRIPTION	PRIOR YEARS (\$000)	2015	2016	2017	2018	2019	2020	TOTAL 16-20	BEYOND 2020	TOTAL TO BE BUDGETED
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SANITARY SEWER SYSTEM \ NONMAJOR

ES1601	Annual Sanitary Sewer Maintenance Program	0	200	200	200	225	225	250	1,100	0	1,100
ES1110	North Fork Sewer-Capacity Improvement	0	0	55	0	370	0	0	425	0	425
ES1202	Manhole Rehabilitations	378	500	0	275	0	300	0	575	300	875
ES1604	Upper Scioto West Shaft Improvements, #12	0	0	65	0	0	0	0	65	0	65
8/7/2015	TOTAL	378	700	320	475	595	525	250	2,165	300	2,400
	TOTAL (Prior Year 2015-2019)	358	700	200	450	200	450	n/a		400	2,400
	Percentage Change	6%	0%	60%	6%	198%	17%	n/a		-25%	0%

SANITARY SEWER SYSTEM \ MAJOR PROJECTS

ES0701	Sewer Lining and Repair	6,901	2,100	0	0	1,500	0	0	1,500	3,000	4,500
ES1602	Sewer Line Extensions	0	0	115	460	805	700	2,935	5,015	0	5,015
ES1603	Deer Run Sewer Upsizing	0	75	535	0	0	0	0	535	0	535
9/8/2015	TOTAL	6,901	2,175	650	460	2,305	700	2,935	7,050	3,000	10,050
	TOTAL (Prior Year 2015-2019)	6,752	2,700	200	200	1,700	200	n/a		0	5,000
	Percentage Change	2%	-19%	225%	130%	36%	250%	n/a		0%	101%

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

CITY OF DUBLIN
 CAPITAL IMPROVEMENT PROJECTS
 2016-2020

REF. NO.	PROJECT DESCRIPTION	PRIOR YEARS (\$000)	2015	2016	2017	2018	2019	2020	TOTAL 16-20	BEYOND 2020	TOTAL TO BE BUDGETED
TRANSPORTATION / NONMAJOR PROJECTS											
AT1601	Annual Street Maintenance Program	0	6,245	4,000	4,000	4,000	4,000	4,000	20,000	0	20,000
AT1602	Annual Infrastructure / Roadside Improvement Program	0	50	100	100	100	100	100	500	0	500
AT1603	Annual Bikeway Maintenance	0	815	840	735	760	635	340	3,310	0	3,310
AT1604	Annual Bikeway Connections / Additions (Some TIF funded)	0	790	450	350	55	210	0	1,065	615	1,680
AT1606	Annual Sidewalk Program	0	0	50	125	125	0	125	425	0	425
AT1607	Annual Parking Lot Maintenance	0	500	400	400	400	400	400	2,000	80	2,080
AT1608	Annual Pedestrian Tunnel Maintenance	0	115	165	515	270	220	5	1,175	30	1,205
AT1610	Annual Guardrail Replacement & Maintenance	0	230	65	65	65	65	65	325	0	325
AT1611	Annual Bike Rack Installation	0	25	25	25	25	25	25	125	0	125
AT1612	Annual Bridge Maintenance	0	0	180	350	600	1,010	930	3,070	945	4,015
AT1613	Bridge Street Eastbound School Flasher Upgrade	0	7	70	0	0	0	0	70	0	70
9/8/2015	TOTAL		8,777	6,345	6,665	6,400	6,665	5,990	32,065	1,670	33,735
	TOTAL (Prior Year 2015-2019)		6,385	6,350	6,350	5,820	5,635	n/a		1,115	31,655
	Percentage Change		37%	0%	5%	10%	18%	n/a		50%	7%

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

CITY OF DUBLIN
 CAPITAL IMPROVEMENT PROJECTS
 2016-2020

REF. NO.	PROJECT DESCRIPTION	PRIOR YEARS (\$000)	2015	2016	2017	2018	2019	2020	TOTAL 16-20	BEYOND 2020	TOTAL TO BE BUDGETED
TRANSPORTATION / MAJOR PROJECTS											
ET0103	Tuttle Crossing Blvd. Ext.-Wilcox Road to Avery Road/Avery Road Widening - Tuttle Crossing to Rings Road East, phase 1 (TIF)	145	400	1,900	0	0	12,700	0	14,600	0	14,600
ET1601	Tuttle Crossing Boulevard Extension, phase 2 (TIF)	0	0	0	125	0	0	0	125	0	125
ET0104	Emerald Parkway, phase 8, Tuller/John Shields Parkway/Riverside Drive (TIF)	13,887	9,305	0	0	0	0	0	0	0	0
ET1119	Relocated Rings Road (Churchman Road)	236	350	2,400	0	0	0	0	2,400	1,275	3,675
ET1402	Avery Road Widening - Rings Road E. to Woerner Temple, phase 2 (TIF)	174	615	300	0	0	0	7,975	8,275	0	8,275
ET1301	West Innovation Park Infrastructure - Onsite (TIF)	214	2,635	0	0	0	0	0	0	0	0
ET1403	Riverside Drive Realignment (TIF)	8,950	3,145	0	0	0	0	0	0	0	0
ET1405	John Shields Parkway, phase 1 (TIF)	1,379	345	0	0	0	0	0	0	0	0
ET1409	John Shields Parkway, phase 2 (TIF)	4,580	4,065	7,300	0	0	0	0	7,300	0	7,300
ET1529	Dale Drive Rehabilitation (TIF)	0	0	0	0	0	400	0	400	5,340	5,740
ET1527	Post Road Improvement (TIF)	0	0	0	0	0	400	100	500	2,960	3,460
ET1411	COTA Relocation (TIF)	131	975	0	0	0	0	0	0	0	0
ET0806	Eiterman Road Relocation (TIF)	137	0	340	0	2,640	0	0	2,980	0	2,980
ET0003	US33/SR161/Post Road Interchange	16,508		200	125	0	0	23,700	24,025	650	24,675
ET1515	Old Avery Road Relocation	0	0	0	100	0	100	0	200	3,350	3,550
ET1517	Shier Rings Road-Avery Road to Eiterman Road	0	0	0	100	0	100	0	200	2,760	2,960
ET1518	Hyland Croy & Post Preserve Roundabout (TIF)	0	0	0	225	150	1,530	0	1,905	0	1,905
ET1523	Perimeter Drive Widening - Holt Road to Commerce Parkway (TIF)	0	0	0	0	0	0	300	300	5,235	5,535
ET0902	Post Preserve Access Modification (TIF)	191	25	1,585	0	0	0	0	1,585	0	1,585
ET1602	Emerald Parkway Deck Overlay	0	0	0	0	0	100	2,500	2,600	0	2,600
ET1603	Uncurbed Streets - Mid-Century Neighborhood	0	0	430	2,390	0	0	0	2,820	0	2,820
ET1604	University Boulevard Extension, phase 2 (TIF)	0	0	260	0	0	1,800	0	2,060	0	2,060
ET1605	Riviera Hyland-Croy Connector	0	0	0	275	1,120	0	0	1,395	0	1,395
ET1606	Bridge Park Roadway System (TIF)	0	11,100	0	0	0	0	0	0	0	0
ET1607	Bridge Street District Program Management	580	1,780	2,300	600	600	0	0	3,500	0	3,500
ET1608	Bridge Park Public Infrastructure (TIF)	0	32,000	0	0	0	0	0	0	0	0
ET1609	Graham Street - CASTO Tuller Flats Roadway System (TIF)	0	0	2,340	0	0	0	0	2,340	0	2,340
ET1610	Historic District CM Library Street Network	90	1,250	9,400	0	0	0	0	9,400	0	9,400
ET1611	Historic District CM Library Parking Deck	0	0	0	6,500	0	0	0	6,500	0	6,500
ET1612	John Shields Parkway Bridge	90	150	0	0	0	0	550	550	21,660	22,210
ET1613	Western Roadway Alignment Study	0	500	150	0	0	0	0	150	0	150
ET1614	N. Riverview Rehabilitation (Extension)	0	385	0	0	2,000	0	0	2,000	0	2,000
ET1615	Comprehensive Wayfinding System - Phased City Wide	0	250	705	130	125	95	65	1,120	0	1,120

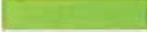
CITY OF DUBLIN
 CAPITAL IMPROVEMENT PROJECTS
 2016-2020

REF. NO.	PROJECT DESCRIPTION	PRIOR YEARS (\$000)	2015	2016	2017	2018	2019	2020	TOTAL 16-20	BEYOND 2020	TOTAL TO BE BUDGETED
	Intersection Improvements:								0		
ET0410	Avery-Muirfield/Perimeter Loop/Perimeter Drive (TIF)	3,198	850	0	0	0	650	7,750	8,400	135	8,535
ET0508	Riverside Drive/SR161 (TIF)	6,074	12,215	750	0	0	0	0	750	0	750
ET0605	Sawmill Road/Hard Road (TIF)	881	2,720	10	0	0	0	0	10	0	10
ET1616	Sawmill Road Third Southbound Lane Addition	0	75	600	0	300	0	4,875	5,775	0	5,775
ET1528	Sawmill Road - Snouffer Road Intersection Improvements	0	125	0	0	0	0	0	0	0	0
ET0809	Hyland Croy-McKittrick Road	0	230	0	0	0	1,220	0	1,220	0	1,220
ET1401	I-270/US 33 Interchange Improvements, phase 1 (TIF)	7,521	15,835	0	0	0	0	0	0	0	0
ET1525	I-270 AEP Overhead to Underground Crossing (TIF)	0	1,105	0	0	0	0	0	0	0	0
ET1102	US 33/SR 161/Post Road Interchange Improvements (TIF)	173	2,580	0	0	0	0	0	0	0	0
ET1521	Muirfield Drive/Memorial Drive Alternatives Analysis	0	65	0	0	0	225	0	225	1,685	1,910
ET1302	SR 161/Hyland Croy Road Temporary Improvement (TIF)	0	40	0	0	300	0	0	300	0	300
ET1406	Avery Road/Brand Road Roundabout (TIF)	0	50	355	2,135	0	0	0	2,490	0	2,490
ET1524	US33/SR161/Frantz Road Intersection (TIF)	0	0	250	0	250	0	0	500	0	500
	Bikeway Connections / Additions:										
ET1203	Dublin Road South	1,232	1,585	0	0	0	0	0	0	0	0
ET1204	Glick Road (sections 1 & 3)	1,696	705	240	0	0	0	0	240	0	240
ET1617	Perimeter: Avery-Muirfield to Holt Road (TIF)	0	100	0	0	0	0	0	0	500	500
ET1618	Rings Road: Frantz Road to Dublin Road (TIF)	0	70	30	405	0	0	0	435	0	435
ET1619	Riverside Drive East	0	0	75	0	0	0	0	75	1,285	1,360
ET1620	Shier Rings Road: Eiterman to Cosgray	0	0	0	30	75	255	0	360	0	360
ET1621	Concord Road	0	80	35	280	0	0	0	315	0	315
9/8/2015	TOTAL	67,867	107,705	31,955	13,420	7,560	19,575	47,815	120,325	46,835	167,160
	TOTAL (Prior Year 2015-2019)	24,321	56,545	2,825	5,805	585	150	n/a		50,055	115,965
	Percentage Change	179%	90%	1031%	131%	1192%	12950%	n/a		-6%	44%

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

CITY OF DUBLIN
 CAPITAL IMPROVEMENT PROJECTS
 2016-2020

REF. NO.	PROJECT DESCRIPTION	PRIOR YEARS (\$000)	2015	2016	2017	2018	2019	2020	TOTAL 16-20	BEYOND 2020	TOTAL TO BE BUDGETED
TRANSPORTATION / MAJOR PROJECTS - BEYOND 2020											
ET0901	US 33 Widening from Avery-Muirfield Drive to Post Road	0	0	0	0	0	0	0	0	2,240	2,240
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
ET1513	Shier Rings Road-Cosgray Road to Houchard Road	0	0	0	0	0	0	0	0	1,680	1,680
ET1516	Shier Rings Road-Elterman Road to Cosgray Road	0	0	0	0	0	0	0	0	1,760	1,760
ET1509	Cosgray Road Improvements	0	0	0	0	0	0	0	0	850	850
ET1622	Bridge Park Avenue Extended, phase 2 (TIF)	810	0	0	0	0	0	0	0	11,725	11,725
ET1623	Riverside Drive West Shared Use Path	0	0	0	0	0	0	0	0	245	245
ET1624	SR161/Cosgray Road Roundabout Improvement	0	0	0	0	0	0	0	0	1,440	1,440
9/8/2015	TOTAL	810	0	25,865	25,865						

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

CITY OF DUBLIN
 CAPITAL IMPROVEMENT PROJECTS
 2016-2020

PROJECT NO.	PROJECT DESCRIPTION	PRIOR YEARS (\$000)	2015	2016	2017	2018	2019	2020	TOTAL 16-20	BEYOND 2020	TOTAL TO BE BUDGETED
WATER DISTRIBUTION SYSTEM \ NONMAJOR PROJECTS											
AW1001	Water Line Replacement	809	0	550	70	580	70	600	1,870	670	2,540
AW0604	Booster Station Maintenance	662	55	0	0	0	0	0	0	0	0
EW0102	Water Tower Maintenance	1,684	0	0	0	0	0	0	0	350	350
EW1301	Water Quality Units	0	0	315	0	0	0	0	315	0	315
8/7/2015	TOTAL	3,155	55	865	70	580	70	600	2,185	1,020	3,205
	TOTAL (Prior Year 2015-2019)	2,570	360	550	70	880	0	n/a		670	2,530
	Percentage Change	23%	-85%	57%	0%	-34%	100%	n/a		52%	27%

WATER DISTRIBUTION SYSTEM \ MAJOR PROJECTS											
EW1101	Rings Road Waterline	0	0	80	650	0	0	0	730	0	730
EW1601	Water Line Extensions	0	0	35	140	700	750	555	2,180	0	2,180
EW1602	Tuswell Drive Waterline	0	0	15	120	0	0	0	135	0	135
9/8/2015	TOTAL	0	0	130	910	700	750	555	3,045	0	3,045
	TOTAL (Prior Year 2015-2019)	0	200	930	200	200	200	n/a		0	1,730
	Percentage Change	0%	-100%	-86%	355%	250%	275%	n/a		0%	76%

- Projected increase
- Projected decrease
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- New project

9/3/2015

CITY OF DUBLIN
 CAPITAL IMPROVEMENT PROJECTS
 2016-2020

PROJECT NO.	PROJECT DESCRIPTION	PRIOR YEARS (\$000)	2015	2016	2017	2018	2019	2020	TOTAL 16-20	BEYOND 2020	TOTAL TO BE BUDGETED
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STORMWATER SYSTEM \ NONMAJOR PROJECTS

AF1601	Annual Stormwater Maintenance	0	560	560	560	575	575	585	2,855	0	2,855
8/7/2015	TOTAL	0	560	560	560	575	575	585	2,855	0	2,855
	TOTAL (Prior Year 2015-2019)	0	560	560	560	560	560	n/a		0	2,800
	Percentage Change	0%	0%	0%	0%	3%	3%	n/a		0%	2%

STORMWATER SYSTEM \ MAJOR PROJECTS

EF0201	Stormwater Improvements	2,837	495	0	50	485	300	480	1,315	410	1,725
8/7/2015	TOTAL	2,837	495	0	50	485	300	480	1,315	410	1,725
	TOTAL (Prior Year 2015-2019)	2,832	495	50	485	240	240	n/a		0	1,510
	Percentage Change	0%	0%	-100%	-90%	102%	25%	n/a		0%	14%

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